

Phase I Environmental Site Assessment

11011 Torreyana Road

San Diego, California

APN: 340-010-2900

Bridge West Group

7310 Miramar Road, Suite 300 | San Diego, California

January 6, 2023 | Project No. 109553001



Geotechnical | Environmental | Construction Inspection & Testing | Forensic Engineering & Expert Witness

Geophysics | Engineering Geology | Laboratory Testing | Industrial Hygiene | Occupational Safety | Air Quality | GIS

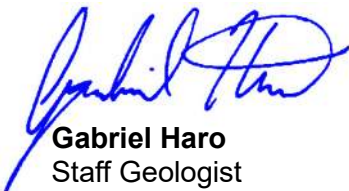
Ninyo & Moore

Geotechnical & Environmental Sciences Consultants

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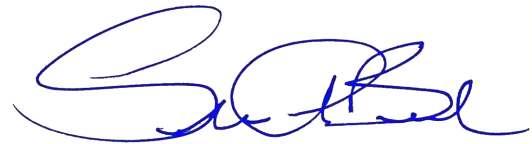
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January 6, 2023 | Project No. 109553001

A handwritten signature in blue ink, appearing to read "Gabriel Haro".

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Staff Geologist

GAH/SB/mp

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1 INTRODUCTION

Ninyo & Moore was retained by HELIX Environmental Planning on behalf of Bridge West Group (herein referred to as the client) to perform a Phase I Environmental Site Assessment (ESA) of the property located at 11011 Torreyana Road in San Diego, California (hereinafter referred to as the site) and is identified by Accessor Parcel Number (APN) 340-010-2900. The following sections discuss the purpose, the involved parties, the scope of services, and the limitations and exceptions associated with the Phase I ESA.

1.1 Purpose

The objective of this ESA is to identify, to the extent feasible pursuant to the process described in ASTM E1527, recognized environmental conditions (RECs), which are defined by ASTM as "(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment." Ninyo & Moore performed this ESA in conformance with the scope and limitations of ASTM E1527-13. This assessment also satisfies the requirements of ASTM E1527-21.

Identification of RECs fall into the following three categories: existing RECs (as defined above); Historical RECs (HRECs); or Controlled RECs (CRECs). HRECs and CRECs are defined as follows:

- HREC – An HREC is defined as “a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations [AULs], institutional controls, or engineering controls).” An HREC is an environmental condition, which in the past, would have been considered a recognized environmental condition, but currently may or may not be considered a recognized environmental condition. An example of an HREC may be a former gas station where a release of gasoline had occurred, but the site was cleaned up to an unrestricted land use standard.
- CREC – A CREC is defined as “recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by a regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, AULs, institutional controls, or engineering controls).” An example of a CREC could be a former gas station where a release of gasoline has been cleaned up to a commercial use standard, but does not meet unrestricted residential cleanup criteria.

1.2 Scope of Services

Ninyo & Moore's scope of services for this Phase I ESA included the activities listed below.

- Reviewed physical setting and background information.
- Performed a site reconnaissance.
- Reviewed federal, state, tribal, and local regulatory agency databases for the site and for properties located within a specified radius of the site.
- Reviewed reasonably ascertainable local regulatory agency files for the site, as applicable.
- Reviewed historical information for the site, such as historical aerial photographs, historical topographic maps, reverse street directories, and Sanborn fire insurance maps.
- Reviewed user-provided information, as available.
- Interviewed the property owner representative and tenant regarding the environmental status of the site.
- Performed a preliminary vapor encroachment screen to evaluate the potential for vapor encroachment conditions.
- Prepared this Phase I ESA report, summarizing findings and providing opinions and conclusions regarding RECs at the site.

1.3 Significant Assumptions

Ninyo & Moore assumes the information sources from the third-party environmental database vendor, regulatory agencies, and interviewees utilized for this report provided adequate and accurate information. No other significant assumptions were made during the preparation of this report.

1.4 Limitations and Exceptions

The environmental services described in this report have been conducted in general accordance with current regulatory guidelines and the standard of care exercised by environmental consultants performing similar work in the project area. No warranty, expressed or implied, is made regarding the professional opinions presented in this report.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Ninyo & Moore should be contacted if the reader requires any additional information or has questions regarding the content, interpretations presented, or completeness of this document.

The findings, opinions, and conclusions are based on an analysis of the observed site conditions and the referenced literature. It should be understood that the conditions of a site could change with time as a result of natural processes or human activities at the subject site or nearby sites. In addition, changes to the applicable laws, regulations, codes, and standards of practice may occur due to government action or the broadening of knowledge. The findings of this report may, therefore, be invalidated over time, in part or in whole, by changes over which Ninyo & Moore has no control. Ninyo & Moore cannot warrant or guarantee that not finding indicators of any particular hazardous material means that this particular hazardous material, or any other hazardous materials, do not exist on the site. Additional research, including invasive testing, can reduce the uncertainty, but no techniques now commonly employed can eliminate the uncertainty altogether.

1.5 Special Terms and Conditions

This study did not include an evaluation of geotechnical conditions or potential geologic hazards. In addition, unless otherwise indicated in this report, this Phase I ESA does not include analysis of the following, which is not intended to be all-inclusive: asbestos-containing materials, methane gas, radon, lead-based paint, lead-containing surfaces, lead in drinking water, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, or mold.

1.6 User Reliance

This report may be relied upon by, and is intended exclusively for, the client and its assigns. Any use or reuse of the findings, opinions, and/or conclusions of this report by parties other than the above-referenced client is undertaken at said parties' sole risk.

1.7 Involved Parties

Mr. Gabriel Haro, Staff Geologist, performed regulatory and historical research and conducted the site reconnaissance on December 13, 2022. Mr. Nathan Diem, Senior Project Geologist, performed project oversight. Mr. Stephan Beck, Environmental Manager, performed quality review.

2 SITE DESCRIPTION

The following table provides a general description of the subject site. Photographs taken during the site reconnaissance are provided in Appendix A.

Table 1 – General Site Setting

General Site Setting	Description
Location	The site is located east of the Torreyana Road terminus in the city of San Diego, California (Figure 1).
Assessor Parcel No. (APN)	340-010-2900 (County of San Diego)
Property Owner	Alliance Diversified Holdings, LLC
Size (approximate)	10.2 acres
Structures / Site Use / Occupants	The site is developed as a multi-tenant biosciences facility. The site use is light industrial and the building is currently occupied by BioDuro-Sundia (BioDuro), Becton, Dickinson and Company (BD), and Revelation Biosciences (Revelation).
Roads	Roads are not present on the site. Site access is from Torreyana Road, located west-adjacent to the site. Two driveways connect to Torreyana Road along the western edge of the site.
Heating and Cooling Systems	HVAC systems were observed along the eastern perimeter of the building.
Electricity and Natural Gas Provider	San Diego Gas and Electric (SDG&E)
Sewer Disposal Provider	City of San Diego
Potable Water Provider	City of San Diego
Site Vicinity Description	The site vicinity is primarily comprised of light industrial and commercial properties.

3 USER-PROVIDED INFORMATION

Mr. Evan Wilson, Senior Asset Manager with Bridge West Group, completed the User Questionnaire on December 20, 2022. The following table summarizes information provided by Mr. Wilson. A copy of the questionnaire is provided in Appendix B.

Table 2 – Summary of User-Provided Information

User's Responsibilities	User's Responses
Title Records	Title records were not provided to Ninyo & Moore.
Environmental Liens or Activity and Use Limitations (AULs)	Mr. Wilson stated that AULs are in place due to the sensitive habitat in the canyon on the eastern portion of the site.
Specialized Knowledge	None
Commonly Known or Reasonably Ascertainable Information	According to Mr. Wilson, the property has previously been used as lab and office space for biotech research.
Valuation Reduction for Environmental Issues	Not applicable
Reason for Performing Phase I ESA	Mr. Wilson stated the Phase I ESA is being performed for the potential development of the site.

4 RECORDS REVIEW

The following sections summarize records reviewed for the site.

4.1 Standard Environmental Record Source - Environmental Databases

A computerized, environmental information database search was performed by Environmental Data Resources, Inc. (EDR) on December 12, 2022. The search included federal, state, tribal, and local databases. A summary of the environmental databases searched, their corresponding search radii, and number of noted properties of potential environmental concern, is presented in the EDR report (Appendix C). The review was conducted to evaluate whether the site or properties within the site vicinity

have been documented as having experienced significant unauthorized releases of hazardous substances or other events with potentially adverse environmental effects.

4.1.1 Geocoded (Mapped) Listings

The site was listed in Hazardous Waste Tracking System (HWTS) and Hazardous Waste Information System (HAZNET) for the disposal of hazardous wastes such as waste oil, pharmaceutical waste, laboratory chemicals, organic solids, alkaline and aqueous solutions, paint sludge, and latex waste. The site was also listed in the Spills, Leaks, Investigation and Cleanup (SLIC) and San Diego County Site Assessment and Mitigation (SAM) databases due to three previously documented releases. Each case is discussed separately in Section 4.2.1. The site was listed in the Department of Toxic Substances Control (DTSC) EnviroStor Database associated with a Phase I Environmental Assessment questionnaire completed in 2002. This document is discussed in greater detail in Section 4.2.1.

Off-site properties within 1 mile of the site appeared on various regulatory agency databases. The following table lists ASTM standard environmental databases that were searched and the number of listings (excluding unmapped properties).

Table 3 – ASTM Standard Environmental Databases		
Database Name	Search Radius (mile)	Number of Listings
FEDERAL DATABASES		
NPL (National Priority List)	1	0
Proposed NPL	1	0
NPL LIENS (Federal Superfund Liens)	site	0
Delisted NPL	1	0
FEDERAL FACILITY (Federal Facility Site Information listing)	1	0
SEMS (Superfund Enterprise Management System; formerly Comprehensive Environmental Response Compensation and Liability Information System)	0.5	0
SEMS-ARCHIVE (Superfund Enterprise Management System Archive)	0.5	1
CORRACTS (facilities subject to Corrective action under RCRA)	1	0
RCRA-TSDF (hazardous waste treatment, storage, or disposal facilities)	0.5	0
RCRA-LQG (large quantity generator)	0.25	8
RCRA-SQG (small quantity generator)	0.25	16
RCRA-VSQG (very small quantity generator)	0.25	0
US ENGINEERING CONTROL (EC)	0.5	0
US INSTITUTIONAL CONTROL (IC)	0.5	0
ERNS (Emergency Notification System)	site	0
STATE/TRIBAL DATABASES		
RESPONSE (State Response Sites, State- and Tribal- equivalent NPL)	1	1
ENVIROSTOR (The DTSC's Site Mitigation and Brownfields Reuse Program; CERCLIS-equivalent)	1	11
SWF/LF (Solid Waste Information System)	0.5	0
San Diego County Site Assessment and Mitigation (SAM)	0.5	7
LUST (Geotracker's Leaking Underground Fuel Tank Report)	0.5	2
SLIC (Spills, Leaks, Investigation and Cleanup database by the California Regional Water Quality Control Board)	0.5	6
UST (registered underground storage tanks [USTs])	0.25	0
AST (registered aboveground storage tanks [ASTs])	0.25	5
FEMA UST (Underground Storage Tank Listing)	0.25	0
VCP (Voluntary Cleanup Program Properties)	0.5	0

Off-site properties/facilities listed in the database report were evaluated as to their potential to impact soil and/or groundwater at the site. To supplement the information in the EDR report, County of San Diego Department of Environmental Health and Quality (DEHQ) files were requested and reviewed, and the State Water Resources Control Board (SWRCB) GeoTracker and DTSC EnviroStor online databases were reviewed. Information from the EDR database report and supplemental sources is included in the facilities of potential concern summaries below. Supporting documentation is provided in Appendix D. The following properties/facilities were interpreted to represent a potential environmental concern to the site, based on their proximity to the site, the nature of the database on which they are listed, and/or the assumed direction of groundwater flow in the site vicinity (east).

Table 4 – Off-Site Facilities of Potential Concern

Facility Name / Address	Distance/ Direction from Site	Database	Summary
Foundation Medicine, Inc. 11010 Torreyana Road	Adjoining west	AST CERS CERS HAZ-WASTE CERS TANKS HAZNET HMMD HWTS RCRA NON-GEN	This property is listed in the AST database and CERS TANKS database for the presence of an 894-gallon diesel AST, 700-gallon diesel AST, and 555-gallon diesel AST. The ASTs are used to store fuel for three emergency generators. The property is also listed in the CERS database for routine compliance inspections which occurred from 2009 to 2022. According to DEHQ records, three violations were issued during the most recent inspection in June 2022 for the following reasons: inadequate employee training program, failure to update the hazardous materials business plan (HMBP), and failure to update CERS. In each instance, the violation was corrected and the facility returned to compliance later that month. Based on the lack of a reported release and ongoing regulatory oversight, this listing is not a REC.
Beckman Coulter, Inc. 11085 Torreyana Road	Adjoining north	CERS CERS HAZ-WASTE HAZNET HMMD HWTS RCRA NON-GEN	This property is listed in the HAZNET database for the disposal of the following types of wastes 1986 to 1996: solvent mixtures, laboratory chemicals, organic waste, aqueous solutions, and waste oil. The property is also listed in the CERS database for routine compliance inspections which occurred from 2018 to 2021. According to DEHQ records, four violations were issued during the most recent inspection in May 2021 for the following reasons: failure to update the HMBP and hazardous materials inventory, improper labelling of hazardous waste containers, and failure to submit an adequate site map. In each instance, the violation was corrected and the facility returned to compliance in June 2021. Based on the lack of a reported release and ongoing regulatory oversight, this listing is not a REC.

Table 4 – Off-Site Facilities of Potential Concern

Facility Name / Address	Distance/ Direction from Site	Database	Summary
<p>General Atomics 11222 Flintkote Avenue</p>	<p>Adjoining east</p>	<p>CIWQS HAZNET HMMD HWTS RCRA LQG SAM SLIC</p>	<p>This property is listed in the SLIC database associated with an open groundwater remediation case (T10000016916). According to records obtained from GeoTracker, Tetra Tech indicated elevated volatile organic compound (VOC) concentrations were present in five monitoring wells at the property during a 1998 groundwater sampling event (Tetra Tech, 1998). Trichloroethene (TCE) and tetrachloroethene (PCE) were detected up to 59,000 µg/l and 310 µg/l, respectively. A remediation case with RWQCB oversight was opened in March 2021 to implement and monitor a full-scale remediation via in-situ chemical oxidation. According to Geosyntec, five percent sodium permanganate would be introduced “to destroy [VOCs] and 1,4 dioxane in groundwater” (Geosyntec, 2021a). According to Geosyntec’s April 2021 groundwater monitoring report, “...the monitoring results indicate further reduction of the TCE, PCE and 1,4-dioxane contaminant plumes beneath Building 37 in the direction of groundwater flow, and, disappearance of the localized TCE, PCE and 1,4-dioxane contaminant hotspots in the south and west portions of Building 37” (Geosyntec, 2021b). Based on the distance between the site APN boundary to the mapped contamination plume, difference in elevation, and ongoing remediation activities, this listing is not a REC.</p>
<p>BD Biosciences 10975 Torreyana Road</p>	<p>328 feet southwest</p>	<p>CERS CERS HAZ-WASTE HMMD RCRA NON-GEN</p>	<p>This property is listed in the CERS database for routine compliance inspections which occurred from 2014 to 2022. Nine violations were issued following inspections in 2014, 2015, and 2019 for the following reasons: failure to keep hazardous waste containers closed and improper labelling procedures, inadequate employee training program, failure to renew United Program Facility Permit (UPFP), failure to update the HMBP, and improper waste accumulation procedures. In each instance, the violation was corrected and the facility returned to compliance. Based on the lack of a reported release and ongoing regulatory oversight, this listing is not a REC.</p>
<p>BD Point of Care 10865 Road to the Cure, Suite 200</p>	<p>477 feet south-southeast</p>	<p>CERS CERS HAZ-WASTE RCRA LQG</p>	<p>This property is listed in the RCRA LQG database as a large quantity generator of hazardous waste. The types of wastes produced include ignitable and corrosive waste, nonhalogenated solvents, and solvent mixtures. The property is also listed in the CERS database for routine compliance inspections which occurred from 2017 to 2022. Violations were not reported during this time. Based on the lack of a reported release and ongoing regulatory oversight, this listing is not a REC.</p>
<p>The Scripps Research Institute 3050 Science Park Road</p>	<p>621 feet southwest</p>	<p>AST CERS CERS HAZ-WASTE CERS TANKS HAZNET HMMD HWTS RCRA LQG</p>	<p>This property is listed in the RCRA LQG database as a large quantity generator of hazardous waste. The types of wastes produced include ignitable, corrosive, and reactive waste, silver, benzene, chloroform, methyl ethyl ketone, halogenated and nonhalogenated solvents, and solvent mixtures. The property is also listed in the CERS database for routine compliance inspections which occurred from 2013 to 2019. One violation was issued during the January 2016 inspection for failure to comply with satellite hazardous waste container regulations. The violation was corrected and the facility returned to compliance in February 2016. Based on the lack of a reported release and ongoing regulatory oversight, this listing is not a REC.</p>

Table 4 – Off-Site Facilities of Potential Concern

Facility Name / Address	Distance/ Direction from Site	Database	Summary
S Cubed 3030 Callan Drive	633 feet west	CERS HAZ-WASTE ECHO FINDS RCRA SQG	This property is listed in the RCRA SQG database as a small quantity generator of hazardous waste. The types of wastes produced were not reported, and no violations were found. Based on the lack of a reported release, this listing is not a REC.
Synthetic Genomics, Inc. 3020 Callan Road	679 feet west	CERS CORTESE HAZNET HIST CORTESE HMMD HWTS LUST NPDES SAM RCRA NON-GEN RCRA SQG	This property is listed in the LUST database associated with a closed unauthorized release case from 1993 (H23213-001). According to the DEHQ, approximately 80 gallons of mineral oil was released from a vertically oriented, 12" x 20' tank used to store radioactive source tubes. Analysis of the residual oil in the tank confirmed the oil was not radioactive. Therefore, the consultant concluded there were no life or health risks involved. The San Diego SAM division concurred and issued a no further action determination in November 1993. Based on the case closed status, this listing is not a REC.
Sanford Burnham Prebys Medical Discovery Institute 10905 Road to the Cure	742 feet south-southwest	CERS CERS HAZ-WASTE HMMD RCRA NON-GEN	This property is listed in the CERS database for routine compliance inspections which occurred from 2014 to 2021. A violation was issued following the November 2021 inspection for failure to comply with satellite hazardous waste container regulations. The violation was corrected and the facility returned to compliance in December 2021. Based on the lack of a reported release and ongoing regulatory oversight, this listing is not a REC.
Organogenesis, Inc. 3040 Science Park Road	880 feet southwest	CERS CERS HAZ-WASTE CIWQS ECHO ENVIROSTOR FINDS HAZNET HMMD HWTS NPDES RCRA NON-GEN	This property was listed in EnviroStor as a "tiered permit site;" however, a Phase I Environmental Assessment questionnaire was not available. According to the DEHQ, a Phase II ESA was prepared for the property in August 2019 by AECOM. The investigation included advancing one boring to 61 feet below ground surface (bgs) and another to 102 feet bgs. Soil and groundwater samples were analyzed for VOCs, semi-volatile organic compounds (SVOCs), organochlorine pesticides (OCPs), and metals. According to AECOM, "...no constituents of concern were present at or above [Environmental Screening Levels]. No further action is recommended at this time" (AECOM, 2019). Based on the lack of a reported release and results of the Phase II ESA, this listing is not a REC.

Notes:

- Distances and direction provided by EDR
- A complete description of each database is provided in the EDR Report (Appendix C).

It is our opinion that there is a low likelihood that the remaining listings for off-site properties appearing in the database report represent a REC to the site at the current time. This opinion is based on one or more of the following factors:

- The nature of the database(s) on which the property appears, and/or because the property did not appear on a database that reports unauthorized releases of hazardous substances;
- Reported regulatory agency status (e.g., case closed);
- Reported nature of the case (e.g., soil contamination only);

- Reported distance of the property from the site; and/or
- Location of the property in relation to the site with respect to topography or expected groundwater flow direction (east).

4.1.2 Orphan (Unmapped) Listings

This portion of the regulatory database report includes properties for which regulatory agencies did not report sufficient address information to be plotted by EDR. The listings were reviewed to evaluate their potential impact to the site, based on their interpreted distance/direction from the site, and/or the nature of the database in which they were listed. It is our opinion that there is a low likelihood that the orphan listings represent an environmental concern to the site at the current time.

4.2 Additional Environmental Record Sources

According to the ASTM Standard, “if the property or any of the adjoining properties is identified on one or more of the standard environmental record sources, pertinent regulatory files and/or records associated with the listing should be reviewed.” Regulatory agency files for properties of potential concern in the immediate site vicinity were reviewed and summarized in Table 4. The review of regulatory agency records for the site is discussed in the following sections. Regulatory records for the site are provided in Appendix D.

4.2.1 County of San Diego Department of Environmental Health and Quality

According to a representative of the DEHQ on December 12, 2022, compliance inspection reports, hazardous materials inventories, and files concerning documented releases were on file for the site. A total of three releases were discussed by Environmental Business Solutions (EBS) in their letter report dated November 30, 2005 (EBS, 2005).

Sentol Release – June 7, 1999

The first release occurred on June 7, 1999 when approximately five gallons of Sentol solution were spilled onto the asphalt near the utility area. The solution, which contained 37% phosphoric acid, flowed into a nearby storm drain. The storm drain was subsequently flushed with a constant flow of water for approximately one hour to remedy the situation. The pH readings of residual water within the storm drain indicated the water was neutral (approximately a pH of 5.5) prior to its release to the storm water system.

Hydraulic Oil Release – September 10, 1999

The second release occurred on September 10, 1999 when approximately 1.5 gallons of hydraulic oil were released in the delivery area, south of the main building. The oil reportedly spilled from a contractor's vehicle in the parking lot. The spill was controlled using ground corn cob absorbent and cleaned up by the contractor responsible for the release.

Mincare Release – October 31, 2002

The third release occurred on October 31, 2002 when approximately two gallons of Mincare solution were released in the delivery area south of the main building. The solution, which was 20% hydrogen peroxide and 4% peroxyacetic acid, was flushed with water into a nearby storm drain. The liquid travelled to the outfall east of the utility building where it was deposited into the soil. Approximately four 30-gallon containers of soil were excavated and disposed of off-site. Subsequent pH readings confirmed all impacted soil was removed.

The DEHQ reviewed the letter report prepared by EBS and determined cleanup goals for the site had been met. The case was closed in April 2006.

The site was also listed in the EnviroStor database associated with a Phase I Environmental Assessment questionnaire requested by the DTSC in 2002. A representative with IDEC Pharmaceuticals completed the questionnaire in December 2002 which indicated the site was treating approximately 35,000 gallons of water per day. A chemical inventory was also attached and included the maximum quantities of each that were stored at the site.

Compliance inspection reports were also on file from 1996 to 2022. According to a recent inspection report from August, 2022, 500 cubic feet of carbon dioxide, sharps containers, waste formaldehyde solution, and refrigerated liquid nitrogen were observed. A violation was issued because a drum containing solid laboratory waste observed on-site was not reported in CERS.

4.2.2 County of San Diego Department of Agriculture, Weights & Measures

According to a representative of the County of San Diego Department of Agriculture, Weights & Measures (AWM) on December 15, 2022, no records were found for the site.

4.2.3 San Diego County Air Pollution Control District

According to a representative of the San Diego County Air Pollution Control District (APCD) on December 12, 2022, permits to operate (PTO) various pieces of equipment were on file

for the site. PTOs were issued to several occupants to operate an emergency diesel-powered engine and steam boilers. A violation was issued in May 2000 for exceeding the maximum allowable limit for natural gas consumption associated with the steam boilers. IDEC Pharmaceuticals responded by upgrading to a more energy efficient boiler that will adhere to the APCD standards.

4.2.4 Regional Water Quality Control Board, San Diego Region

According to a representative of the Regional Water Quality Control Board (RWQCB) on December 15, 2022, records for the site included annual reports for stormwater discharge associated with industrial activities from 1993 to 2009. Water quality/physical characteristics, pH, and site conditions were discussed in each report. A violation was issued in October 2008 for failure to complete the annual report by the deadline. A notice of termination was filed by the recipient in 2009 declaring that they ceased operations in 2008. The RWQCB approved their request and ceased subsequent annual inspections.

4.2.5 City of San Diego Fire Department

According to a representative of the City of San Diego Fire Department (SDFD) on December 14, 2022, records for the site included various hazardous material permits for on-site helium, argon, nitrogen, diesel, and carbon dioxide tanks from 2000 to 2022. The most recent permit was issued in April 2022 for a 316-gallon diesel AST.

4.2.6 Online Regulatory Databases

Online regulatory databases were reviewed by Ninyo & Moore to supplement the environmental database search conducted by EDR. The following is a summary of pertinent information.

Table 5 – Online Regulatory Databases

Online Database/Website	Findings
DTSC EnviroStor	The site and one off-site property within 1,000 feet are listed. The site is listed as a “tiered permit site” following completion of the DTSC’s Phase I Environmental Assessment questionnaire in 2002. This document is discussed in Section 4.2.1. The off-site property listing (3040 Science Park Road) is discussed in Table 4 (Section 4.1.1).
SWRCB GeoTracker	The site and two off-site properties within 1,000 feet are listed. The site is associated with a closed case (H14775-002) involving three past releases that occurred during 1999 and 2002. These incidents are separately discussed in Section 4.2.1. The off-site property listings (11222 Flintkote Avenue and 3020 Callan Road) are discussed in Table 4 (Section 4.1.1).
California Department of Resources Recycling and Recovery (CalRecycle) Solid Waste Information System	Neither the site nor properties within 1,000 feet are listed.

Table 5 – Online Regulatory Databases

Online Database/Website	Findings
United States Pipeline and Hazardous Materials Safety Administration, National Pipeline Mapping System Map Viewer	Pipelines are not depicted on or adjoining the site.
US Army Corps of Engineers, Formerly Used Defense Sites (FUDS), Geographic Information System	FUDS listings are not depicted within 1,000 feet of the site.

4.3 Physical Setting

The following table summarizes topographic, geologic, and hydrogeologic conditions in the vicinity of the site, based upon the referenced documents review and/or our visual reconnaissance of the site.

Table 6 – Physical Setting

Physical Settings	Reference	Summary
Topography	A	The site is situated at an elevation of approximately 242 feet above mean sea level (MSL). The topography at the site and vicinity slopes to the east towards Los Peñasquitos Canyon.
Site Geology	B	The site is underlain by very old paralic deposits (middle to early Pleistocene), which are described as, “poorly sorted, moderately permeable, reddish-brown, interfingering strandline, beach, estuarine and colluvial deposits composed of siltstone, sandstone and conglomerate.”
Surface Water	A	Natural surface water bodies were not observed during the site reconnaissance. The nearest surface body of water is Peñasquitos Creek located approximately 1,500 feet northeast of the site. The site is located in the Miramar Reservoir Hydrologic Area (HA) and Peñasquitos Hydrological Unit. Groundwater within the Miramar Reservoir HA has existing beneficial uses for municipal, agricultural, and industrial service purposes.
Groundwater	C, D	According to information obtained from the SWRCB GeoTracker website, depth to groundwater was reported to be greater than 100 feet below ground surface (bgs). The groundwater flow direction in the site vicinity was reported to flow to the east, towards Peñasquitos Creek. The groundwater flow direction may vary due to hydrogeologic properties, such as soil porosity and permeability, groundwater extraction, recharge by irrigation and rainfall, and other factors.

References

- A = United States Geological Survey (USGS), Del Mar, California, 7.5-minute quadrangle map (USGS, 2018)
- B = Geologic Map of the San Diego 30' x 60' Quadrangle (Kennedy & Tan, 2008)
- C = RWQCB Water Quality Control Plan for the San Diego Basin (RWQCB, 2021)
- D = SWRCB GeoTracker

4.4 Site Historical Use Information

Ninyo & Moore conducted a historical record search for the site. This included a review of city directories, historical fire insurance maps, historical aerial photographs, and topographic maps, as available. The following sections summarize information obtained from the historical sources utilized for this assessment.

4.4.1 City Directories

Available historical reverse street directories from 1980 through 2017 were provided by EDR and reviewed to evaluate facilities of potential concern, which may have been historically located at or near the site. The city directories are summarized in the table below. The EDR city directory report is provided in Appendix E.

Table 7 – Summary of City Directory Listings	
Year(s)	Listing
11011 Torreyana Road	
1984 – 1989	Jaycor Scientific Research & Development
1994 – 2000	IDEC Pharmaceuticals Corporation
2004	Terry Boose
2009	IDEC Pharmaceuticals Corporation
2014 – 2017	Formex LLC, Genlantis
2017	Crown Bio Sciences

4.4.2 Sanborn® Fire Insurance Maps

Sanborn® fire insurance maps were requested from EDR; however, according to EDR's Certified Sanborn Map Report, there is no map coverage in the site vicinity. The EDR Certified Sanborn Map Report is provided in Appendix E.

4.4.3 Historical Aerial Photographs and Topographic Maps

Historical aerial photographs and topographic maps were provided by EDR for select years from 1903 through 2020. Additionally, aerial photographs were reviewed online using Google Earth. A listing of the sources reviewed and summary of notable observations from the photograph review are provided in the table below. EDR-provided photographs and maps are included in Appendix E.

Table 8 – Aerial Photographs and Topographic Map Summary		
Date	Source	Summary
1903	B	The site and adjoining properties are undeveloped. An unmarked road and railroad are depicted to the east of the site.
1928		
1930		
1943	A, B	The site and adjoining properties are undeveloped. The site is mapped as a woodland in 1943 and then as a shrubland in 1953.
1949		
1953		
1964		
1966	A, B	A north-south trending trail is visible on the western portion of the site. The adjoining property to the east is developed with an industrial property. Flintkote Avenue to the east of the site is depicted in its current alignment.
1967		
1970		
1975	A, B	The western portion of the site appears to be recently graded. The adjoining properties to the north, west, and south also appear to be graded. Torreyana Road and Callan Road are present in their current alignment.
1979		
1985		
1989	A, B	The site and adjoining properties to the north, west, and south are developed with the buildings visible today.
1990		

Table 8 – Aerial Photographs and Topographic Map Summary		
Date	Source	Summary
1994	2015	
1996	2016	
2002	2018	The site appears similar to the previous photograph. The adjoining property to the east generally resembles its current configuration.
2005	2020	
2009	2021	
2012	2022	
Sources: A = EDR Aerial Photographs B = EDR Topographic Maps C = Google Earth		

4.5 Previous Reports

Ninyo & Moore was not provided copies of prior reports completed for the site.

4.6 Adjoining Property History

The adjoining properties remained undeveloped until the mid-1960s. The east-adjoining property was developed with an industrial property around 1964. The north-, west-, and south-adjoining properties were developed with industrial properties in the early 1980s. The land use is consistent with the current uses of the adjoining properties.

5 SITE RECONNAISSANCE

The objective of the site reconnaissance was to obtain information indicating the potential for RECs in connection with the site. Mr. Gabriel Haro conducted the reconnaissance on December 13, 2022. A site plan is provided as Figure 2 and photographic documentation is provided in Appendix A.

5.1 Methodology and Limiting Conditions

The site reconnaissance consisted of walking on the site and along public sidewalks (for viewing of adjoining/nearby properties). Limiting conditions included lack of access to the steep, vegetated slope on the eastern portion of the site and access to several labs, which were in use at the time; other limiting conditions were generally not encountered during the site reconnaissance.

5.2 General Site Setting

At the time of the site reconnaissance, the site was developed with an approximately 76,715 square foot (sf) two-story building containing office and lab spaces with a small basement, a two-story parking garage, and a separate single-story utility/storage building.

The main building appeared to be a metal-framed structure with a built-up roof. Dropped ceilings were apparently 2' x 4' acoustic ceiling panels, walls were apparently drywall, and the floor was apparently concrete with carpet or tile overlain, where present. The site was occupied by BioDuro, BD, and Revelation at the time of the site visit.

A variety of cleaning chemicals, paints, lubricants, and oils were observed in the janitorial and maintenance areas throughout the building. These materials were observed to be in good condition and stored in the upright position within secured rooms.

The lab spaces and separate utility/storage building contained a combination of hazardous materials and wastes. Satellite hazardous waste accumulation containers were observed throughout the lab spaces and the main hazardous waste storage area was observed in the utility/storage building. In either case, secondary containments were observed and no evidence of leaks or spills were noted. Hazardous waste is reportedly transported under manifest by Ingenium. Flammable materials closets and lab refrigerators were observed to contain an assortment of lab chemicals and reagents.

Topography at the site generally sloped east towards Los Peñasquitos Canyon. Surface drainage was expected to either percolate into the soil or run off into the stormwater system.

5.3 Adjoining Property Observations

Adjoining properties were observed from the site and from publicly accessible vantage points (e.g., streets, sidewalks) during the site reconnaissance. The properties adjoining to the site are as follows and as depicted on Figure 2:

- **North:** Multi-tenant industrial property (11085-11095 Torreyana Road).
- **East:** Industrial property (11222 Flintkote Avenue).
- **South:** Multi-tenant commercial property (10995 Torreyana Road).
- **West:** Multi-tenant industrial property (11010 Torreyana Road).

5.4 Site Observations

Ninyo & Moore evaluated the site for evidence of the following potential environmental concerns:

Table 9 – On-Site Observations

Conditions	Observed or Noted	Comments
Hazardous Substances/Petroleum Products	X	The following substances were observed: paint cans (6 x 1 gallon), paint buckets (3 x 5 gallons), WD-40 lubricant (1 x 12 ounces), thread sealant (1 x 16 ounces), floor sealer/finisher (6 X 1 gallon), motor oil (7 x 1 quart), vacuum pump oil (8 x 5 gallons), and compressed nitrogen (20 x 304 cubic-foot cylinders). The containers were observed in good condition and positioned upright where stored. Given the well-maintained storage conditions and clear labelling, this is considered a <i>de minimis</i> condition.
Waste Generation/Storage/Disposal	X	Hazardous waste generation occurred in the labs. Waste was stored in satellite waste containers before being moved to the main hazardous waste storage area. Hazardous waste is collected by Ingenium on a routine basis. In addition to the hazardous waste drums discussed below, 14 gallons of mixed flammable liquids were observed in the main hazardous waste storage area. This is not a REC.
ASTs	X	Three 715-gallon refrigerated nitrogen tanks were observed: Two were located adjacent to the utility room on the southern end of the building, and one was located along the northern end of the building. A 500-gallon neutralization tank was observed in the utility room. The tank was reportedly part of a waste water treatment system that is no longer in use today. A 300-gallon diesel tank was used to store emergency fuel at the generator along the southern site boundary. The generator appeared to be in good condition and was surrounded by a concrete secondary containment basin. The tanks do not constitute a REC.
Potential Evidence of USTs		Not observed
PCB-Containing Equipment	X	Three pad-mounted transformers were observed: one was located in the rear parking lot on the southern portion of the site and two were located along the western edge of the site. The pads appeared to be in good condition and leaks were not observed. This is not a REC.
Chemical/Petroleum Odors		Not observed
Concrete Patches/Pads		Not observed
Sewage Discharge Pipes		Not observed
Floor Drains/Sumps	X	Several floor drains were observed in janitorial closets, maintenance areas, and hallways on the first floor of the main building. Sumps were not observed.
Elevator	X	One hydraulic elevator was observed. The elevator equipment room was free of debris and elevator is routinely serviced by 24 Hour Elevator, Inc. This is not a REC.
Wells		Not observed
Drums	X	Six 55-gallon drums and one 30-gallon drum containing mixed hazardous waste were observed in the hazardous waste storage area. The hazardous materials storage area contained upwards of 70 drums ranging from 15 to 55 gallons in size. These drums contained hazardous chemicals such as dichloromethane, methanol, and chloroform among others. This is not a REC.
Unidentified Substance Containers		Not observed
Stained Soil or Pavement	X	Stained concrete was observed in the basement near the vacuum pump system and minor staining was observed in the parking lot. The concrete and asphalt appeared to be in good condition. Therefore, the minor staining observed is considered a <i>de minimis</i> condition.
Stressed Vegetation		Not observed
Pits, Ponds, or Lagoons		Not observed

Table 9 – On-Site Observations

Conditions	Observed or Noted	Comments
Wastewater Discharges Disposal Systems	X	A wastewater treatment system was observed in the utility room of the main building. According to the site operations manager, the treatment system is no longer in use today and only collects water following rain events. This is not a REC.
Septic Systems/Cesspools		Not observed
Municipal Solid Waste Disposal Areas	X	Portable trash and recycling dumpsters were observed on the northwest portion of the site near the parking garage. The dumpsters were closed and no leaks were observed. These are considered a <i>de minimis</i> condition.

6 VAPOR ENCROACHMENT/INTRUSION

The purpose of the preliminary vapor encroachment screen is to identify a vapor encroachment condition (VEC), which is the presence or likely presence of potential contaminants of concern (COC) vapors in subsurface soils at the site caused by the release of vapors from contaminated soil or groundwater either on or near the site. The potential for VECs beneath the site was evaluated using a Vapor Encroachment Screening Matrix (VESM) in accordance with ASTM E 2600-15 Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions. The VESM included performing a Search Distance Test to identify if there are any known or suspect contaminated properties surrounding or upgradient of the site within specific search radii, a COC Test (for those known or suspect contaminated sites identified within the Search Distance Test) to evaluate whether or not COCs are likely to be present, and a Critical Distance Test to evaluate whether or not COCs in a contaminated plume may be within the critical distance of the site (100 feet for non-petroleum hydrocarbon contaminants and 30 feet for petroleum hydrocarbon contaminants).

Based on the completion of the VESM, a VEC was not found and no further investigation is recommended at this time. A copy of the VESM is included in Appendix F.

7 INTERVIEWS

Interviews were conducted by Ninyo & Moore with the objective of obtaining information regarding potential RECs in connection with the site. Interviews with present owners, operators, and/or occupants of the site, as well as other knowledgeable parties as appropriate, is mandated by ASTM E 1527-13. A summary of the interviews conducted is provided in the table below.

Table 10 – Interviews

Representative	Summary
Property Owner	Mr. Evan Wilson completed the property background questionnaire on December 20, 2022. A copy of the questionnaire is provided in Appendix B. According to Mr. Wilson, the site has operated as lab and office space for biotech research since it was acquired in 2012. He stated the main building is approximately 76,715 sf and was constructed in 1980. According to Mr. Wilson’s records, the historical use of the developed site is consistent with the current use. He is unaware of any USTs or environmental issues at the site.
Occupant	The site operations manager who facilitated the in-person site reconnaissance was unaware of any past or present environmental issues at the site.
Past Owners	Past ownership entities were not made available to Ninyo & Moore during the preparation of this ESA. Therefore, interviews with past site owners were not conducted.

8 FINDINGS

Based upon the results of this Phase I ESA, the following findings are provided.

- The site is comprised of one parcel totaling approximately 10.2 acres in size, located east of the northern Torreyana Road terminus in the city of San Diego, California.
- At the time of the site reconnaissance, the site was developed with an approximately 76,715 sf two-story building containing office and lab spaces with a small basement, a two-story parking garage, and a separate single-story utility/storage building. The main building appeared to be a metal-framed structure with a built-up roof. Dropped ceilings were apparently 2' x 4' acoustic ceiling panels, walls were apparently drywall, and the floor was apparently concrete with carpet or tile overlain, where present. The site was occupied by BioDuro, BD, and Revelation at the time of the site visit.
- A variety of cleaning chemicals, paints, lubricants, and oils were observed in the janitorial and maintenance areas throughout the building. These materials were observed to be in good condition and stored in the upright position within secured rooms. The lab spaces and separate utility/storage building contained a combination of hazardous materials and wastes. Satellite hazardous waste accumulation containers were observed throughout the lab spaces and the main hazardous waste storage area was observed in the utility/storage building. In either case, secondary containments were observed and no evidence of leaks or spills were noted. Hazardous waste is reportedly transported under manifest by Ingenium. Flammable materials closets and lab refrigerators were observed to contain an assortment of lab chemicals and reagents.
- Topography at the site generally sloped east towards Los Peñasquitos Canyon. Surface drainage was expected to either percolate into the soil or run off into the stormwater system.
- Based on a review of historical resources, the east-adjointing property was developed with an industrial property around 1964. The north-, west-, and south-adjointing properties were developed with industrial properties in the early 1980s. The site was developed with an industrial property in 1980. The land use has remained consistent with the current use of the site.
- Regulatory agency records were requested from the DEHQ, AWM, APCD, RWQCB, and SDFD. Available records indicated minor violations at the site and three documented releases associated with a closed case on GeoTracker. Environmental Business Solutions (EBS) discussed each release in their letter report dated November 30, 2005. The first release occurred on June 7, 1999 when approximately five gallons of Sentol solution were spilled onto the asphalt near the utility area. The solution was flushed out of the storm drain with copious amounts of water and subsequent pH readings indicated the water was neutral before it was

released into the stormwater system. The second release occurred on September 10, 1999 when approximately 1.5 gallons of hydraulic oil were released in the delivery area, south of the main building. The spill was controlled using ground corn cob absorbent and cleaned up by the contractor responsible. The third release occurred on October 31, 2002 when approximately two gallons of Mincare solution were released in the delivery area south of the main building. Approximately four 30-gallon containers of impacted soil were excavated and disposed of. The DEHQ reviewed the letter report prepared by EBS and determined cleanup goals for the site had been met. The case was closed in April 2006.

- The site was listed in HWTS and HAZNET for the disposal of hazardous wastes such as waste oil, pharmaceutical waste, laboratory chemicals, organic solids, alkaline and aqueous solutions, paint sludge, and latex waste. The site was also listed in the SLIC and San Diego County SAM databases due to three previously documented releases.
- Properties of potential concern in the site vicinity were researched and were not found to have the potential to adversely impact the site.
- Based on the completion of the VESM, a VEC was not found.

9 OPINIONS

The rationale for concluding whether the conditions listed in Section 8, above, represent RECs, HRECs, or CRECs (i.e., the presence or likely presence of hazardous substances or petroleum products on a property under conditions indicative of releases, past releases, or a material threat of a release of hazardous substances, pollutants, contaminants, and/or petroleum/petroleum products at the site) is provided below.

9.1 RECs

RECs were not identified during the preparation of this report.

9.2 CRECs

CRECs were not identified during the preparation of this report.

9.3 HRECs

HRECs were not identified during the preparation of this report.

9.4 De Minimis Conditions

The following *de minimis* conditions were identified during the preparation of this report:

- It is our opinion that the minor concrete and asphalt staining and municipal solid waste dumpsters are *de minimis* conditions that, if brought to the attention of an appropriate regulatory agency, would not result in an enforcement action.

9.5 Data Gaps

A data gap is a "lack of or inability to obtain data required by this practice despite good faith efforts to gather such data." Significant data gaps were not identified during the preparation of this report.

9.6 Additional Appropriate Investigation

It is our opinion that additional appropriate investigation to evaluate RECs at the site as part of the Phase I ESA is not required.

10 CONCLUSIONS

We have performed a Phase I ESA, in conformance with the scope and limitations of the ASTM Practice E 1527-13 and -21, of the property located at 11011 Torreyana Road in San Diego, California. Any exceptions to, or deletions from, this practice are described in Section 1.4 and in the body of this report. This assessment has revealed no evidence of RECs in connection with the property.

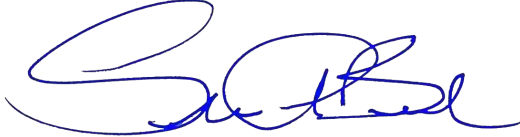
11 REFERENCES

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- United States Geological Survey, 2018, Del Mar, California: 7.5-minute series (topographic), Scale 1:24,000.

12 PROFESSIONAL STATEMENT

As required by 40 CFR §312.21(d) and Section 12.13 of ASTM 1527-13, the following statement is included:

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined by §312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Stephan A. Beck

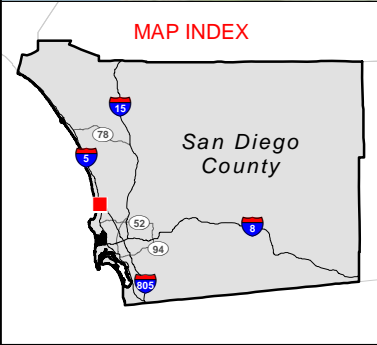
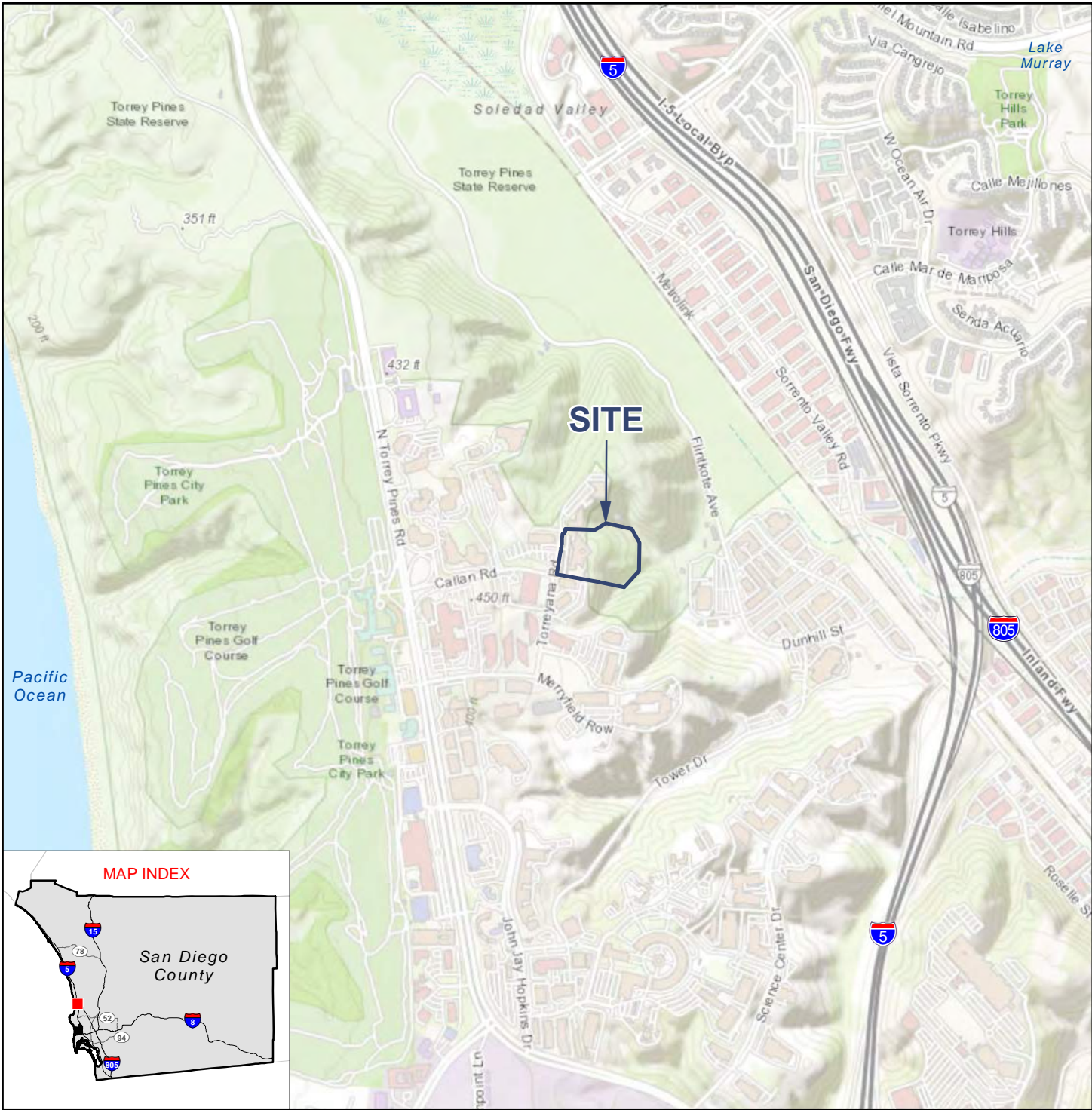
Manager, Environmental Sciences Division

13 QUALIFICATIONS OF THE ENVIRONMENTAL PROFESSIONALS

Resumes, which document the professional qualifications, pursuant to 40 CFR §312.10(b)(2), of the persons that prepared and reviewed this report are provided as Appendix G.



FIGURES

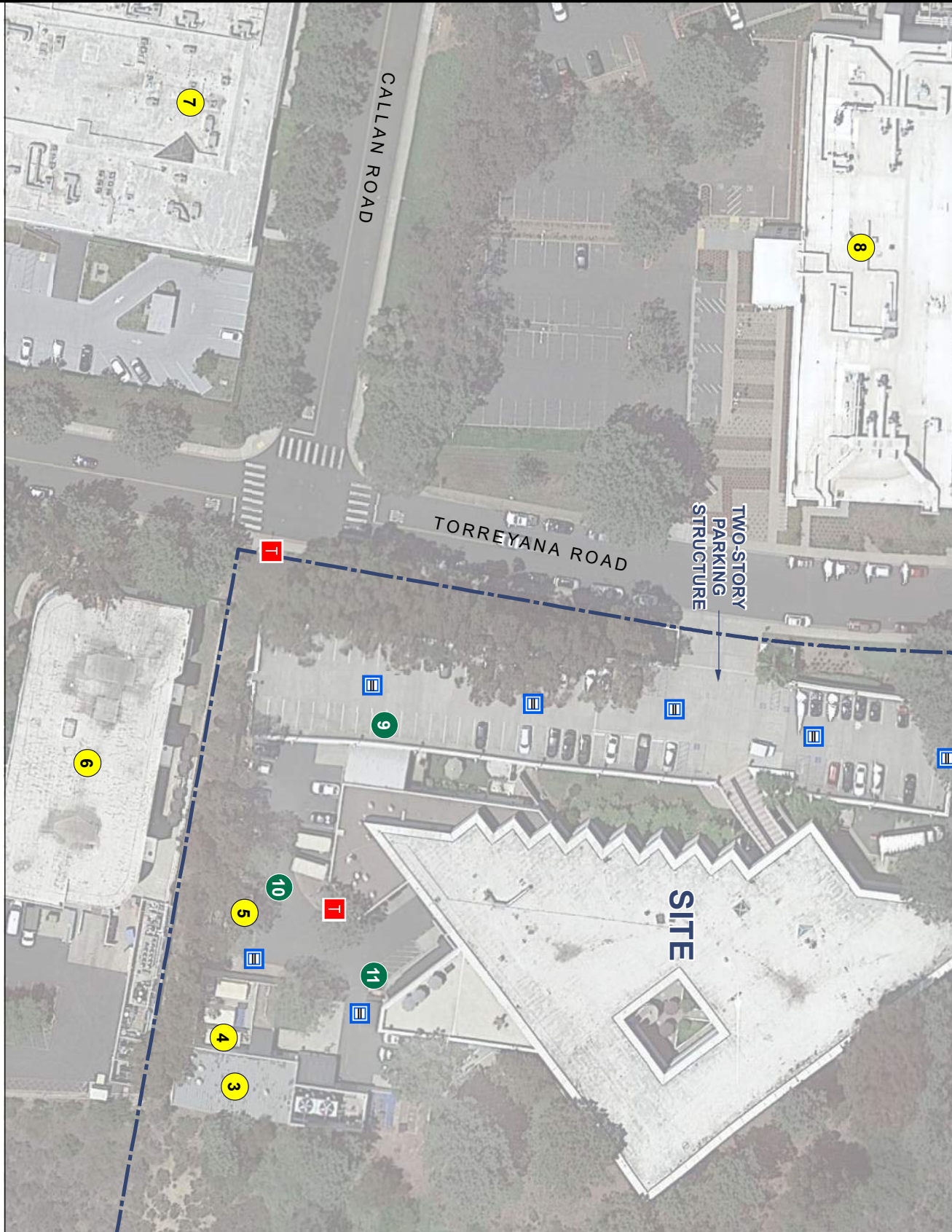


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NOTE: DIRECTIONS, DIMENSIONS AND LOCATIONS ARE APPROXIMATE. | SOURCE: ESRI WORLD TOPO, 2022



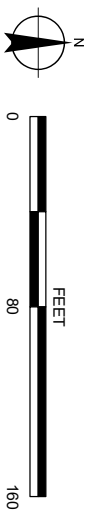
FIGURE 1



NOTE: DIRECTIONS, DIMENSIONS AND LOCATIONS ARE APPROXIMATE. | SOURCE: GOOGLE EARTH, 2022

LEGEND

-  SITE PARCEL BOUNDARY
-  STORM DRAIN
-  PAD-MOUNTED TRANSFORMER
-  11085-11095 TORREYANA ROAD
-  11222 FLINTKOTE AVENUE



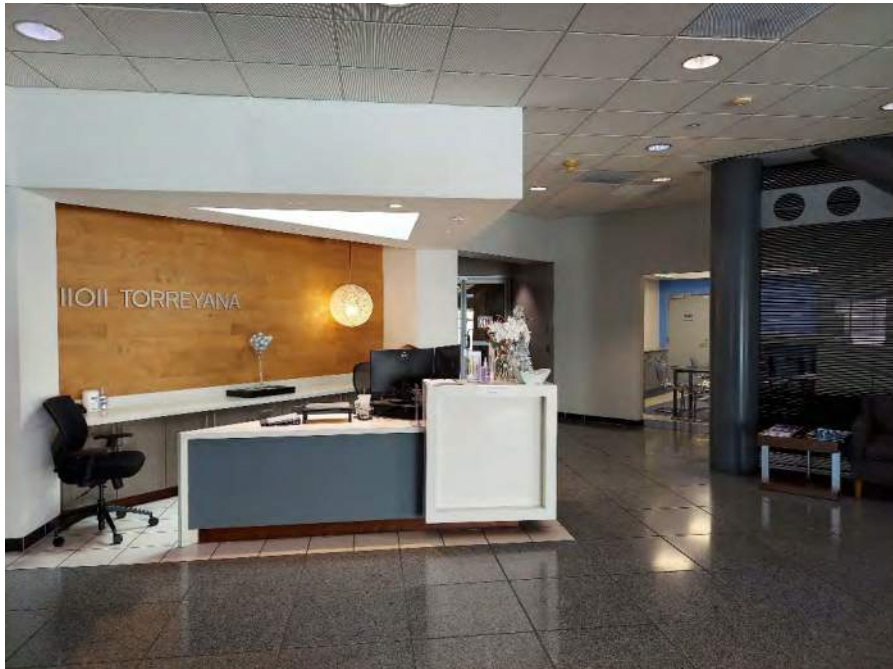


APPENDIX A

Photographs



Photograph 1: View of 11011 Torreyana Road, San Diego, CA 92121 (site), facing east.



Photograph 2: View of the main lobby entrance on the second floor.

FIGURE A-1



Photograph 3: View of a hallway leading to offices and conference rooms on the second floor.



Photograph 4: View of an empty lab space on the second floor.

FIGURE A-2



Photograph 5: View of an exhaust fan blower on the second floor.



Photograph 6: View of empty offices on the second floor.

FIGURE A-3



Photograph 7: View of entrance to the clean lab on the second floor. Access was not granted to enter this space.



Photograph 8: View of approximately 20 gallons of paint in a lab storage room on the second floor.

FIGURE A-4



Photograph 9: View of maintenance equipment storage in the mezzanine on the second floor.



Photograph 10: View of the main lobby entrance on the first floor.

FIGURE A-5



Photograph 11: View of the mop sink in a janitor's closet on the first floor.



Photograph 12: View of lab work space on the first floor.

FIGURE A-6



Photograph 13: View of satellite hazardous waste accumulation containers in a lab space on the first floor.



Photograph 14: View of 304 cubic-foot compressed nitrogen cylinder in a lab space on the first floor.

FIGURE A-7



Photograph 15: View of various research chemicals and reagents stored in flammable materials closets on the first floor.



Photograph 16: View of an air compressor (right) and liquid ring vacuum pump system (left) in the basement below the main two-story building.

FIGURE A-8



Photograph 17: View of stained concrete near the vacuum pump system in the basement.



Photograph 18: View of restroom facilities on the first floor.

FIGURE A-9



Photograph 19: View of materials supply closet along the southwest exterior wall of the main building.



Photograph 20: View of eight 304 cubic-foot compressed nitrogen cylinders in the materials supply closet.

FIGURE A-10



Photograph 21: View of hazardous materials storage area at the separate utility building.



Photograph 22: View of the hazardous waste storage area at the separate utility building.



Photograph 23: View of a pad-mounted transformer at the rear of the main building, facing west.



Photograph 24: View of the emergency generator at the southern end of the site, facing south.

FIGURE A-12



Photograph 25: View of deionized (DI) water system in the utility room on the first floor of the main building.



Photograph 26: View of condensate drain in the utility room on the first floor.



Photograph 27: View of refrigerated nitrogen tanks adjacent to the utility room on the first floor.



Photograph 28: View of the 500-gallon waste water neutralization tank in the utility room on the first floor.

FIGURE A-14



Photograph 29: View of the elevator equipment room on the first floor.



Photograph 30: View of the loading dock on the northwest portion of the site, facing south.

FIGURE A-15



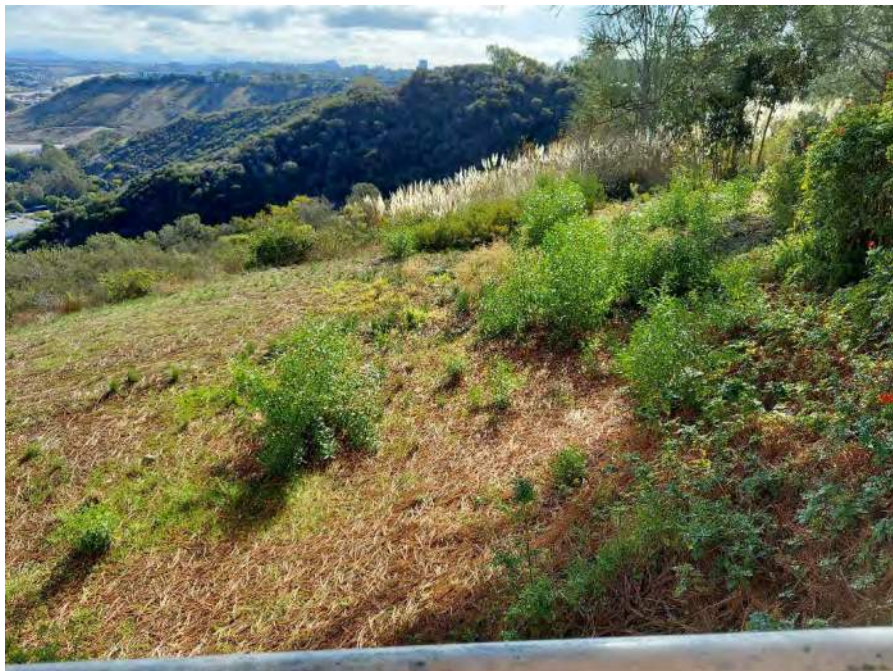
Photograph 31: View of a storm drain at the northwest portion of the site and the first level parking lot, facing south.



Photograph 32: View of the second level parking lot, facing north.



Photograph 33: View of the slope on the eastern portion of the site, facing east.



Photograph 34: View of the slope on the eastern portion of the site, facing southeast.

FIGURE A-17



Photograph 35: View of the adjoining property to the south of the site, facing south-east.



Photograph 36: View of the adjoining property to southwest of the site, facing west.

FIGURE A-18



Photograph 37: View of the adjoining property to the west of the site, facing north-west.



APPENDIX B

User and Property Owner Provided Information

USER QUESTIONNAIRE

Property Address: 11011 Torreyana Road
San Diego, California 92121
APN: 340-010-2900

Please respond to all of the following questions to the best of your knowledge. The purpose of this questionnaire is to assist the user (the client or party seeking to use the Phase I ESA) and the environmental professional in gathering information from the user that may be material to documenting Recognized Environmental Conditions (RECs) at the site. Please note that the user of the Phase I ESA (the client), if seeking protection from CERCLA liability, must adhere to a set of user responsibilities as defined by the ASTM International (ASTM) Standard Practice E1527-13 and the United States Environmental Protection Agency (EPA) 40 Code of Federal Regulations Part 312 titled "Standards and Practices for all Appropriate Inquiries (AAI)". Failure to provide this information could result in a determination that AAI is not complete.

Per Section 6 of ASTM Standard E1527-13 and 40 CFR Part 312 of the AAI rule, the user's responsibilities include, but are not limited to, the following:

- review reasonably ascertainable land title records, lien records, and/or judicial records to search for environmental cleanup liens or activity and use limitations (AULs) against the site filed or recorded under federal, tribal, state, or local law, or engage a title company to review such records. Evidence of environmental liens and/or activity and use limitations on the site, if discovered, must be provided to the environmental consultant;
- report to the environmental professional specialized knowledge or experience material to RECs in connection with the property;
- report to the environmental professional knowledge of environmental liens or AULs encumbering or in connection with the property;
- consider the relationship of the purchase price of the property to its fair market value and whether a lower purchase price is related to potential contamination;
- report to the environmental professional commonly known or reasonably ascertainable information material to RECs; and
- report to the environmental professional the reason for conducting the Phase I ESA.

User responsibilities, CERCLA liability relief, and AAI components are discussed in the AAI rule and in the ASTM E1527-13 standard.

1) Environmental cleanup liens that are filed or recorded against the property (40 CFR 312.25).

Did a search of recorded land title records (or judicial records where appropriate) identify environmental liens filed or recorded against the property under federal, tribal, state or local law?

Yes No

2) Activity and use limitations (AULs) that are in place on the property or that have been filed or recorded against the property (40 CFR 312.26(a)(1)(v) and (vi)).

Did a search of recorded land title records (or judicial records where appropriate) identify any AULs, such as engineering controls, land use restrictions or institutional controls, that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?

Yes No

(Sensitive habitat in the canyon)

3) Specialized knowledge or experience of the person seeking to qualify for the liability protections (40 CFR 312.28).

As the user of this Phase I ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Yes No If yes, please describe:

4) Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).

a) Does the purchase price being paid for this property reasonably reflect the fair market value of the property?

Yes No Not applicable (No Property Purchase Involved)

b) If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

Yes No Not applicable

c) If there is a price difference, please describe:

5) Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).

Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as the user,

a) Do you know the past uses of the property?

Yes No If yes, please describe: lab/office for Biotech research

b) Do you know of specific chemicals that are present or once were present at the property?

Yes No If yes, please describe:

c) Do you know of spills or other chemical releases that have taken place at the property?

Yes No If yes, please describe:

d) Do you know of any environmental cleanups that have taken place at the property?

Yes No If yes, please describe:

6) The degree of obviousness of the presence of likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?

Yes No If yes, please describe:

7) What is the reason for having the Phase I ESA performed (ASTM 1527-13, Section 6.8)?

The potential to redevelop the site

8) Are you aware of any previously prepared documentation for the site, such as:

- previous Phase I ESA or Phase II ESA reports
- environmental sampling, compliance audit, or assessment reports
- environmental permits
- registrations for aboveground or underground storage tanks
- registrations for underground injections systems
- material safety data sheets (MSDS)
- community right-to-know plans,
- safety plans; preparedness and prevention plans; spill prevention, countermeasure, and control plans
- geotechnical or hydrogeologic reports
- storm water documents
- risk assessments
- hazardous waste generator notices

Yes No If yes, please describe:

There was a preliminary Geotech report done

Completed By:

Signature

Date

Printed Name

Title

PROPERTY BACKGROUND QUESTIONNAIRE

Property Address: 11011 Torreyana Road
San Diego, California 92121
APN: 340-010-2900

**Please answer in good faith and to the best of your ability and elaborate as much as possible on any question answered "yes."*

General Information

- 1) Describe the current uses of the site. How long has the site been used for these purposes?

Since it was acquired in 2012

- 2) Describe the structures previously present at the site and their usage/occupants and age.

76, 715 (approx.) Biotech lab/office 1980
Constructors

- 3) When were the structures constructed, if known?

1980

- 4) What is the historical land use of the site? Describe the past uses, owners, and operators of the site. (Be as detailed as possible and note approximate time periods, if known.)

Always same use, from my records

- 5) Are there currently, or were there previously any underground storage tanks (USTs) at the site? If so, please describe their capacities and contents.

not that I am aware of

- 6) Have all USTs been removed from the site? If so, when?

n/a

- 7) Was associated underground piping associated with the USTs removed?

n/a

- 8) Was soil and/or groundwater sampling conducted at the time of UST removal? If so, please describe.

n/a

- 9) Are you aware of any environmental issues associated with the site or of potential soil and/or groundwater contamination?

Yes No

10) Have fill soils been brought to the property?

Yes No Unknown

11) Has there been storage of hazardous materials or wastes on the property?

Yes No Unknown

12) Have any of the following items been stored on the site in containers greater than 5 gallons?

Paint Yes No Unknown
Chemicals Yes No Unknown
Pesticides/Herbicides Yes No Unknown
Automotive-Related Oils/Fuels Yes No Unknown

13) Have there been any spills or releases of chemicals, hazardous substances, or wastes on the property?

Yes No Unknown

14) Have any hazardous substances, petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or other waste materials been dumped aboveground, buried, or burned on the site?

Yes No Unknown

15) Is the site hooked up to a municipal sanitary sewer system or is there a septic tank/system?

Sanitary Sewer Septic

16) Are/were there any subsurface wastewater features, such as sumps, clarifiers, discharge systems, at the site?

Yes No Unknown

17) Does the site discharge wastewater, other than domestic wastewater or storm water, into the sewer or onto another property?

Yes No Unknown

18) Other than permission for domestic hookup, have any city, county, or other permits for wastewater discharge been issued to the site?

Yes No Unknown

19) Is there a transformer, capacitor, or other equipment that may contain PCBs on the site?

Yes No Unknown

20) Other than small quantities of legal pesticides used for landscape maintenance (e.g., Roundup), have pesticides, herbicides, or insecticides been applied on the site?

Yes No Unknown

21) Are/were there any wells on the site (e.g., water supply wells, groundwater monitoring wells, etc.)

Yes No Unknown

22) Are there currently, or were there previously, any pits, ponds, or lagoons on the site?

Yes No Unknown

23) Are there currently, or were there previously, areas on the site with stained soil?

Yes No Unknown

24) To your knowledge, have adjoining properties been used for industrial activities, such the following? (Please note that an adjoining property is a property that is contiguous with, or directly across the street from the site.)

Gasoline Station Yes No Unknown
Printing Facility Yes No Unknown
Metal Plating/Manufacturing Yes No Unknown
Landfill Yes No Unknown
Auto Repair Facility Yes No Unknown
Dry Cleaners Yes No Unknown
Junkyard Yes No Unknown
Waste or Wastewater Treatment Yes No Unknown
Storage, Disposal, or Recycling Facility Yes No Unknown

25) Are there any known issues related to spills/contamination with adjoining or nearby properties?

Yes No Unknown

26) Are you aware of any previously prepared documentation for the site, such as:

- environmental sampling, compliance audit, or assessment reports
- environmental permits
- registrations for aboveground or underground storage tanks
- material safety data sheets (MSDS)
- community right-to-know plans
- safety plans; preparedness and prevention plans; spill prevention, countermeasure, and control plans
- geotechnical or hydrogeologic reports
- storm water documents
- risk assessments

(If so, are they available for review?)

I will request Geotech report from my architect.

Legal/Activity and Use Limitations

27) Are you aware of any environmental cleanup liens or activity and use limitations such as engineering controls, land use or deed restrictions or institutional controls associated with the site that are filed or recorded under federal, tribal, state, or local law?

Yes No

28) Are you aware of any pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property?

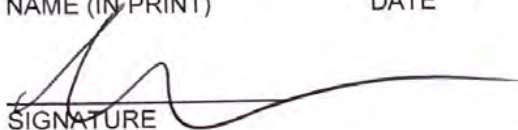
Yes No

29) Are you aware of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?

Yes No

Evan Wilson
NAME (IN PRINT)


12/20/22
DATE


SIGNATURE

Owner Occupant Owner Representative Other:

***When complete, return questionnaire via email, fax, and/or mail to the following:**

Mr. Nathan Diem
Senior Project Geologist
Ninyo and Moore
5710 Ruffin Road
San Diego, California 92123
ndiem@ninyoandmoore.com
(858) 576-1000 Office
(858) 576-9600 FAX



APPENDIX C

Environmental Database Report

11011 Torreyana Road

11011 Torreyana Road
San Diego, CA 92121

Inquiry Number: 7201541.2s

December 12, 2022

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

11011 TORREYANA ROAD
SAN DIEGO, CA 92121

COORDINATES

Latitude (North): 32.9053530 - 32° 54' 19.27"
Longitude (West): 117.2366100 - 117° 14' 11.79"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 477872.8
UTM Y (Meters): 3640628.5
Elevation: 242 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 11993848 DEL MAR, CA
Version Date: 2018

Northwest Map: 11993850 DEL MAR OE W, CA
Version Date: 2018

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140603
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
11011 TORREYANA ROAD
SAN DIEGO, CA 92121

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	GENE THERAPY SYSTEMS	11011 TORREYANA RD	CA HWTS		TP
A2	BIOATLA LLC	11011 TORREYANA RD	RCRA NonGen / NLR		TP
A3	BIODURO LLC	11011 TORREYANA RD	RCRA-LQG, CA San Diego Co. HMMD, CA CERS HAZ...		TP
A4	REVELATION BIOSCIENC	11011 TORREYANA RD S	ECHO		TP
A5	FORMEX LLC	11011 TORREYANA RD S	CA HAZNET, CA HWTS		TP
A6	BIOGEN IDEC	11011 TORREYANA	CA SAN DIEGO CO. SAM		TP
A7	BIOGEN IDEC	11011 ORREYANA RD	CA SAN DIEGO CO. SAM, CA CPS-SLIC, CA CERS		TP
A8	CELULANA INC.	11011 TORREYANA RD S	FINDS		TP
A9	BD INTEGRATED DIAGNO	11011 TORREYANA RD S	CA HWTS		TP
A10	TANOX WEST INC	11011 TORREYANA RD	CA HAZNET, CA HWTS		TP
A11	CROWN BIOSCIENCE SAN	11011 TORREYANA RD S	FINDS, ECHO		TP
A12		11011 TORREYANA ROAD	CA CHMIRS		TP
A13	MOLECULAR RESPONSE L	11011 TORREYANA RD S	CA HAZNET, CA HWTS		TP
A14	BD INTEGRATED DIAGNO	11011 TORREYANA RD S	FINDS		TP
A15	GENETECH INC	11011 TORREYANA RD	CA HWTS		TP
A16	BD INTEGRATED DIAGNO	11011 TORREYANA RD S	RCRA NonGen / NLR		TP
A17	REVELATION BIOSCIENC	11011 TORREYANA RD S	FINDS		TP
A18	IDEC PHARMACEUTICALS	11011 TORREYANA ROAD	CA ENVIROSTOR		TP
A19	REVELATION BIOSCIENC	11011 TORREYANA RD S	CA HWTS		TP
A20	BIODURO LLC	11011 TORREYANA RD	CA HAZNET, CA HWTS		TP
A21	FORMEX LLC	11011 TORREYANA ROAD	RCRA-LQG		TP
A22	REVELATION BIOSCIENC	11011 TORREYANA RD S	RCRA NonGen / NLR		TP
A23	CROWN BIOSCIENCE SAN	11011 TORREYANA RD S	CA HAZNET, CA HWTS		TP
A24	MOLECULAR RESPONSE L	11011 TORREYANA RD S	CA HAZNET, CA HWTS		TP
A25	FORMEX LLC	11011 TORREYANA ROAD	FINDS, ECHO		TP
A26	BD INTEGRATED DIAGNO	11011 TORREYANA RD S	ECHO		TP
A27	F1 ONCOLOGY	11011 TORREYANA RD	CA HAZNET, CA HWTS		TP
A28	BIOATLA LLC	11011 TORREYANA RD	FINDS, ECHO		TP
A29	BIODURO LLC	11011 TORREYANA RD	RCRA NonGen / NLR		TP
A30	CELULA INC	11011 TORREYANA RD S	CA HAZNET, CA HWTS		TP
A31	BIOATLA LLC	11011 TORREYANA RD	CA HAZNET, CA HWTS		TP
A32	BIODURO LLC	11011 TORREYANA RD	ECHO		TP
A33	CROWN BIOSCIENCE SAN	11011 TORREYANA RD S	RCRA NonGen / NLR		TP
B34	BMR-TORREYANA LP	11010 TORREYANA ROAD	RCRA NonGen / NLR	Higher	89, 0.017, West
B35	VERTEX PHARMACEUTICA	11010 TORREYANA RD	RCRA NonGen / NLR	Higher	89, 0.017, West
B36	FOUNDATION MEDICINE,	11010 TORREYANA RD.	CA AST, CA San Diego Co. HMMD, CA CERS HAZ WASTE,...	Higher	89, 0.017, West
B37	FOUNDATION MEDICINE	11010 TORREYANA RD	RCRA NonGen / NLR	Higher	89, 0.017, West
C38	BECKMAN COULTER INC	11085 TORREYANA RD	CA San Diego Co. HMMD, CA CERS HAZ WASTE, CA...	Higher	207, 0.039, North
C39	BIOATLA LLC	11085 TORREYANA RD	RCRA NonGen / NLR	Higher	207, 0.039, North

MAPPED SITES SUMMARY

Target Property Address:
11011 TORREYANA ROAD
SAN DIEGO, CA 92121

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
D40	ARE-SD REGION NO. 33	10996 TORREYANA RD,	RCRA NonGen / NLR	Higher	225, 0.043, SW
D41	PHARMINGEN	10975 TORREYANNA RD	RCRA NonGen / NLR	Higher	328, 0.062, SW
D42	BD BIOSCIENCES (PHAR	10975 TORREYANA RD	CA San Diego Co. HMMD, CA CERS HAZ WASTE, CA CERS	Higher	328, 0.062, SW
E43	EXPLORA BIOLABS	10865 ROAD TO THE CU	RCRA NonGen / NLR	Higher	477, 0.090, SSE
E44	GALLANT	10865 ROAD TO THE CU	CA CERS HAZ WASTE	Higher	477, 0.090, SSE
E45	SAN DIEGO BIOMEDICAL	10865 ROAD TO THE CU	RCRA NonGen / NLR	Higher	477, 0.090, SSE
E46	BD - POINT OF CARE	10865 ROAD TO THE CU	RCRA-LQG	Higher	477, 0.090, SSE
E47	EXPLORA BIOLABS	10835 AND 10865 ROAD	CA CERS HAZ WASTE	Higher	477, 0.090, SSE
E48	CBR SYSTEMS, INC.	10865 ROAD TO THE CU	CA CERS HAZ WASTE	Higher	477, 0.090, SSE
E49	PACIFICGMP DBA ABZEN	10865 ROAD TO THE CU	RCRA NonGen / NLR	Higher	477, 0.090, SSE
E50	SAN DIEGO BIOMEDICAL	10865 ROAD TO THE CU	RCRA NonGen / NLR	Higher	477, 0.090, SSE
E51	BD POINT OF CARE	10865 ROAD TO THE CU	RCRA-LQG	Higher	477, 0.090, SSE
E52	GALLANT PET INC	10865 ROAD TO THE CU	RCRA NonGen / NLR	Higher	477, 0.090, SSE
E53	BD POINT OF CARE	10865 ROAD TO THE CU	CA CERS HAZ WASTE, CA CERS	Higher	477, 0.090, SSE
E54	CAPRICOR INC	10865 ROAD TO THE CU	RCRA NonGen / NLR	Higher	477, 0.090, SSE
E55	CAPRICOR, INC.	10865 ROAD TO THE CU	CA CERS HAZ WASTE, CA CERS, CA HWTS	Higher	477, 0.090, SSE
F56	PROMETHEUS BIOSCIENC	3050 SCIENCE PARK DR	RCRA NonGen / NLR	Higher	621, 0.118, SW
F57	THE SCRIPPS RESEARCH	3050 SCIENCE PARK RD	CA AST, CA San Diego Co. HMMD	Higher	621, 0.118, SW
F58	THE RMR GROUP	3050 SCIENCE PARK RD	CA San Diego Co. HMMD, CA CERS TANKS, CA CERS	Higher	621, 0.118, SW
F59	THE SCRIPPS RESEARCH	3050 SCIENCE PARK RD	RCRA-LQG, CA CERS HAZ WASTE, CA HAZNET, CA CERS,...	Higher	621, 0.118, SW
G60	TURNING POINT THERAP	3030 CALLAN RD	CA CERS HAZ WASTE	Higher	633, 0.120, West
G61	ANSUN BIOPHARMA	3030 CALLAN RD	RCRA NonGen / NLR	Higher	633, 0.120, West
G62	S CUBED	3030 CALLAN RD	RCRA-SQG, FINDS, ECHO	Higher	633, 0.120, West
G63	SYNTHETIC GENOMICS I	3020 CALLAN RD	CA SAN DIEGO CO. SAM, CA LUST, CA San Diego Co....	Higher	679, 0.129, West
G64	SYNTHETIC GENOMICS I	3020 CALLAN RD	RCRA NonGen / NLR	Higher	679, 0.129, West
G65	CYTORI THERAPEUTICS,	3020 CALLAN ROAD	RCRA-SQG, CA HAZNET, CA HWTS	Higher	679, 0.129, West
H66	SANFORD BURNHAM PREB	10905 ROAD TO THE CU	CA San Diego Co. HMMD, CA CERS HAZ WASTE, CA CERS	Higher	742, 0.141, SSW
H67	SANFORD BURNHAM PRES	10905 ROAD TO THE CU	RCRA NonGen / NLR	Higher	742, 0.141, SSW
F68	ORGANOGENESIS, INC.	3040 SCIENCE PARK RD	CA ENVIROSTOR, CA San Diego Co. HMMD, CA CERS HAZ...	Higher	880, 0.167, SW
F69	ENTOS PHARMACEUTICAL	3040 SCIENCE PARK RD	RCRA NonGen / NLR	Higher	880, 0.167, SW
F70	SNH MEDICAL OFFICE P	3040 SCIENCE PARK RD	RCRA NonGen / NLR	Higher	880, 0.167, SW
I71	GENERAL ATOMICS	11222 FLINTKOTE AV	CA SAN DIEGO CO. SAM, CA San Diego Co. HMMD, CA...	Lower	892, 0.169, East
I72	GENERAL ATOMICS NORT	11222 FLINTKOTE AVEN	CA CPS-SLIC	Lower	892, 0.169, East
I73	GENERAL ATOMICS	11222 FLINTKOTE AVE	RCRA-LQG, CA HAZNET, CA HWTS	Lower	892, 0.169, East
J74	KALYRA PHARMACEUTICA	10835 ROAD TO THE CU	RCRA NonGen / NLR	Higher	939, 0.178, South
J75	MOLECULAR STETHOSCOPI	10835 ROAD TO THE CU	RCRA NonGen / NLR	Higher	939, 0.178, South
J76	ASPEN NEUROSCIENCE	10835 ROAD TO THE CU	RCRA NonGen / NLR	Higher	939, 0.178, South
J77	NEUROPORE THERAPIES	10835 ROAD TO THE CU	RCRA NonGen / NLR	Higher	939, 0.178, South
J78	PERSEPHONE BIOSCIENC	10835 ROAD TO THE CU	CA CERS HAZ WASTE	Higher	939, 0.178, South

MAPPED SITES SUMMARY

Target Property Address:
11011 TORREYANA ROAD
SAN DIEGO, CA 92121

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
J79	ABIDE THERAPEUTICS I	10835 ROAD TO THE CU	RCRA NonGen / NLR	Higher	939, 0.178, South
J80	LUNDBECK LA JOLLA RE	10835 ROAD TO THE CU	CA CERS HAZ WASTE, CA CERS	Higher	939, 0.178, South
J81	ERASCA INC	10835 ROAD TO THE CU	RCRA NonGen / NLR	Higher	939, 0.178, South
J82	PERSEPHONE BIOSCIENC	10835 ROAD TO THE CU	RCRA NonGen / NLR	Higher	939, 0.178, South
J83	NEUROPORE THERAPIES,	10835 ROAD TO THE CU	RCRA NonGen / NLR	Higher	939, 0.178, South
J84	ANAPTYSBIO INC	10835 ROAD TO THE CU	RCRA NonGen / NLR	Higher	939, 0.178, South
J85	LUNDBECK LA JOLLA RE	10835 ROAD TO THE CU	RCRA NonGen / NLR	Higher	939, 0.178, South
J86	ASPEN NEUROSCIENCE	10835 ROAD TO THE CU	CA CERS HAZ WASTE, CA HAZNET, CA CERS, CA HWTS	Higher	939, 0.178, South
J87	RECEPTOS INC	10835 RD TO THE CURE	RCRA-SQG, FINDS	Higher	939, 0.178, South
I88	CALIFORNIA MEDICAL I	11175 FLINTKOTE AVE	RCRA NonGen / NLR	Lower	946, 0.179, East
K89	SINGULAR GENOMICS SY	3010 SCIENCE PARK RD	RCRA-SQG, CA San Diego Co. HMMMD, FINDS, CA WDS, CA...	Higher	1000, 0.189, SW
K90	ALEXANDRIA REAL ESTA	3010 SCIENCE PARK RO	RCRA NonGen / NLR	Higher	1000, 0.189, SW
K91	SANFORD BURNHAM PREB	3010 SCIENCE PARK RD	RCRA NonGen / NLR	Higher	1000, 0.189, SW
K92	SINGULAR GENOMICS SY	3010 SCIENCE PARK RD	CA CERS HAZ WASTE	Higher	1000, 0.189, SW
L93	DATATAPE INC SPIN PH	32.90185/-117.2388	PFAS ECHO	Higher	1083, 0.205, SSW
M94	PROGNOSYS BIOSCIENCE	11125 FLINTKOTE AVE	RCRA NonGen / NLR	Lower	1093, 0.207, ESE
M95	TRILINK BIO TECHNOLO	11125 FLINTKOTE AVE	RCRA NonGen / NLR	Lower	1093, 0.207, ESE
M96	NIELSEN BIOSCIENCES,	11125 FLINTKOTE AVEN	RCRA NonGen / NLR	Lower	1093, 0.207, ESE
M97	ENCODIA INC	11125 FLINTKOTE AVE	RCRA NonGen / NLR	Lower	1093, 0.207, ESE
M98	GENSIGNIA LIFE SCIEN	11125 FLINTKOTE AVE	RCRA NonGen / NLR	Lower	1093, 0.207, ESE
M99	LABSIMPLY INC	11125 FLINTKOTE AVE	RCRA NonGen / NLR	Lower	1093, 0.207, ESE
M100	LABSIMPLY, INC.	11125 FLINTKOTE AVE	CA San Diego Co. HMMMD, CA CERS HAZ WASTE, CA...	Lower	1093, 0.207, ESE
L101	CORVAS INTERNATIONAL	3030 SCIENCE PARK RD	RCRA-SQG, FINDS, ECHO, CA HAZNET, CA HWTS	Higher	1103, 0.209, SW
L102	SNH MEDICAL OFFICE P	3030 SCIENCE PARK RD	RCRA NonGen / NLR	Higher	1103, 0.209, SW
M103	VEROGEN INC	11111 FLINTKOTE AVE	RCRA NonGen / NLR	Lower	1103, 0.209, ESE
L104	SPIN PHYSICS INC	3099 SCIENCE PARK RD	RCRA NonGen / NLR	Higher	1112, 0.211, SSW
M105	AMPRION INC	11095 FLINTKOTE AVE	RCRA NonGen / NLR	Lower	1131, 0.214, ESE
M106	BIOTA TECHNOLOGY	11095 FLINTKOTE AVE	RCRA NonGen / NLR	Lower	1131, 0.214, ESE
M107	SARMAL INC	11095 FLINTKOTE AVE	RCRA NonGen / NLR	Lower	1131, 0.214, ESE
M108	IMMUNO ACTIVA	11095 FLINKOTE AVE S	RCRA NonGen / NLR	Lower	1131, 0.214, ESE
M109	AMPRION, INC.	11095 FLINTKOTE AVE	CA San Diego Co. HMMMD, CA CERS HAZ WASTE, CA...	Lower	1131, 0.214, ESE
M110	ROSEWELL BIOTECHNOLO	11095 FLINTKOTE AVE	RCRA NonGen / NLR	Lower	1131, 0.214, ESE
L111	NIFGI	3115 MERRYFIELD ROW	RCRA NonGen / NLR, FINDS, ECHO	Higher	1183, 0.224, SSW
L112	NATIONAL RESILIENCE	3115 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1183, 0.224, SSW
L113	ERASCA, INC.	3115 MERRYFIELD ROW,	RCRA-LQG	Higher	1183, 0.224, SSW
L114	ERASCA	3115 MERRYFIELD ROW	CA CERS HAZ WASTE	Higher	1183, 0.224, SSW
L115	SAPPHIRE ENERGY	3115 MERRYFILED ROW	RCRA-SQG	Higher	1183, 0.224, SSW
L116	858 THERAPEUTICS	3115 MERRYFIELD ROW	CA CERS HAZ WASTE, CA HAZNET, CA CERS, CA HWTS	Higher	1183, 0.224, SSW
L117	858 THERAPEUTICS INC	3115 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1183, 0.224, SSW

MAPPED SITES SUMMARY

Target Property Address:
11011 TORREYANA ROAD
SAN DIEGO, CA 92121

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
L118	NATIONAL RESILIENCE,	3115 MERRYFIELD ROW	CA CERS HAZ WASTE	Higher	1183, 0.224, SSW
L119	REMPEX PHARMACEUTICA	3033 SCIENCE PARK RD	RCRA-SQG	Higher	1198, 0.227, SW
L120	VIVIDION THERAPEUTIC	3033 SCIENCE PARK RD	RCRA-SQG	Higher	1198, 0.227, SW
L121	KUMQUAT BIOSCIENCES	3033 SCIENCE PARK RD	RCRA NonGen / NLR	Higher	1198, 0.227, SW
L122	ESCIENT PHARMACEUTIC	3033 SCIENCE PARK RD	RCRA NonGen / NLR	Higher	1198, 0.227, SW
L123	RECEPTOS SERVICES LL	3033 SCIENCE PARK RD	CA San Diego Co. HMMD, CA CERS HAZ WASTE, CA...	Higher	1198, 0.227, SW
L124	SINGULAR GENOMICS SY	3033 SCIENCE PARK RD	RCRA NonGen / NLR	Higher	1198, 0.227, SW
L125	RECEPTOS SERVICES LL	3033 SCIENCE PARK RD	RCRA-SQG	Higher	1198, 0.227, SW
L126	SCIENCE PARK FACILIT	3033 SCIENCE PARK RO	CA CPS-SLIC, CA CERS	Higher	1198, 0.227, SW
L127	IDEAYA BIOSCIENCES	3033 SCIENCE PARK RD	RCRA NonGen / NLR	Higher	1198, 0.227, SW
L128	AVIDITY BIOSCIENCES	3033 SCIENCE PARK RD	RCRA NonGen / NLR	Higher	1198, 0.227, SW
L129	3033 SCIENCE PARK RO	3033 SCIENCE PARK RO	CA AST	Higher	1198, 0.227, SW
L130	AEGIS LIFE INC.	3033 SCIENCE PARK RD	RCRA NonGen / NLR	Higher	1198, 0.227, SW
L131	SINGULAR GENOMICS SY	3033 SCIENCE PARK RD	CA CERS HAZ WASTE, CA HAZNET, CA CERS, CA HWTS	Higher	1198, 0.227, SW
L132	SINGULAR GENOMICS SY	3033 SCIENCE PARK RD	RCRA NonGen / NLR	Higher	1198, 0.227, SW
L133	WELLSPRING BIOSCIENC	3033 SCIENCE PARK RD	RCRA NonGen / NLR	Higher	1198, 0.227, SW
N134	KALYPSYS, INC	11099 N TORREY PINES	RCRA NonGen / NLR	Higher	1226, 0.232, NW
N135	AGOURON PHARMACEUTIC	11099 N TORREY PINES	RCRA NonGen / NLR	Higher	1226, 0.232, NW
N136	COI PHARMACEUTICALS	11099 N TORREY PINES	RCRA NonGen / NLR	Higher	1226, 0.232, NW
N137	CYTEL CORP	11099 N TORREY PINES	RCRA NonGen / NLR, NY MANIFEST	Higher	1226, 0.232, NW
N138	HOLLIS-EDEN PHARMACE	11099 N TORREY PINES	CA San Diego Co. HMMD, CA CERS HAZ WASTE, CA...	Higher	1226, 0.232, NW
N139	BOUNDLESS BIO INC	11099 N TORREY PINES	RCRA NonGen / NLR	Higher	1226, 0.232, NW
N140	EPICENTRX INC	11099 N TORREY PINES	RCRA NonGen / NLR	Higher	1226, 0.232, NW
N141	SGI-DNA INC	11099 N TORREY PINES	RCRA NonGen / NLR	Higher	1226, 0.232, NW
N142	GENEWIZ	11099 N TORREY PINES	RCRA NonGen / NLR	Higher	1226, 0.232, NW
N143	AVELAS BIOSCIENCES	11099 N TORREY PINES	RCRA NonGen / NLR	Higher	1226, 0.232, NW
N144	CYTEL CORP	11099 N TORREY PINES	RCRA-SQG, CA HAZNET, CA HWTS	Higher	1226, 0.232, NW
N145	DERMTECH INTERNATION	11099 N TORREY PINES	RCRA NonGen / NLR	Higher	1226, 0.232, NW
N146	SYNTHORX, INC	11099 N TORREY PINES	CA San Diego Co. HMMD, CA CERS HAZ WASTE, CA CERS	Higher	1226, 0.232, NW
N147	P P G X INCORPORATED	11099 N TORREY PINES	RCRA-SQG, CA San Diego Co. HMMD, FINDS, ECHO	Higher	1226, 0.232, NW
N148	SYNTHORX INC	11099 N TORREY PINES	RCRA NonGen / NLR	Higher	1226, 0.232, NW
N149	SENOYX	11099 N. TORREY PINE	RCRA-SQG	Higher	1226, 0.232, NW
O150	TREELINE BIOSCIENCES	11180 ROSELLE ST STE	RCRA NonGen / NLR	Lower	1231, 0.233, East
O151	PATHOLOGY MEDICAL LA	11180 ROSELLE ST STE	RCRA-SQG, FINDS, ECHO	Lower	1231, 0.233, East
O152	TREELINE BIOSCIENCES	11180 ROSELLE ST STE	RCRA-SQG	Lower	1231, 0.233, East
O153	EUROFINS DISCOVERX	11180 ROSELLE ST STE	CA San Diego Co. HMMD, CA CERS HAZ WASTE, CA CERS	Lower	1231, 0.233, East
O154	DISCOVERX INC	11180 ROSELLE ST STE	RCRA NonGen / NLR	Lower	1231, 0.233, East
P155	GOSSAMER BIO INC	3013 SCIENCE PARK RD	RCRA NonGen / NLR	Higher	1255, 0.238, SW
P156	GOSSAMER BIO INC	3013 SCIENCE PARK RD	RCRA-SQG	Higher	1255, 0.238, SW

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P157	SPECTRUM	3013-3033 SCIENCE PA	CA CERS TANKS	Higher	1255, 0.238, SW
P158	THE MEDICINES COMPAN	3013 SCIENCE PARK RO	RCRA NonGen / NLR	Higher	1255, 0.238, SW
P159	GOSSAMER BIO	3013 SCIENCE PARK RD	CA CERS HAZ WASTE, CA NPDES, CA CIWQS, CA CERS	Higher	1255, 0.238, SW
M160	EXPLORA BIOLABS COAS	11175 FLINTKOTE AVE	CA San Diego Co. HMMMD, CA CERS HAZ WASTE, CA CERS	Lower	1256, 0.238, ESE
Q161	PHENZYME INC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q162	STELVIO ONCOLOGY INC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q163	CYBELE MICROBIOME	3210 MERRYFIELD ROW	CA San Diego Co. HMMMD, CA CERS HAZ WASTE, CA...	Higher	1263, 0.239, SSE
Q164	MISFOLDING DIIAGNOST	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q165	ACTAVALON INC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q166	PERSEPHONE BIOME	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q167	GENEMO INC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q168	ONCTERNAL THERAPEUTI	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q169	GENE SCIENCES INC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q170	ORPRO THERAPEUTICS I	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q171	STEMONIX INC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q172	DNATRIX INC, SUITE 2	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q173	JOHNSON & JOHNSON PH	3210 MERRYFIELD RW	CA AST	Higher	1263, 0.239, SSE
Q174	STEMIOTICS INC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q175	PHUSIS THERAPEUTICS	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q176	ANIMANTIS LLC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q177	HAYA THERAPEUTICS, I	3210 MERRYFIELD ROW	CA CERS HAZ WASTE	Higher	1263, 0.239, SSE
Q178	FORGE THERAPEUTICS I	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q179	LINNAEUS BIOSCIENCE	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q180	PIMERA INC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q181	POSEIDA THERAPEUTICS	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q182	NOVORON BIOSCIENCE I	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q183	SINGULAR GENOMICS SY	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q184	ABILITA BIO INC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q185	VLP BIOTECH INC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q186	SUNOMIX THERAPEUTICS	3210 MERRYFIELD ROW	CA CERS HAZ WASTE, CA CERS	Higher	1263, 0.239, SSE
Q187	PROMINEX INC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q188	LIN BIOSCIENCE LLC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q189	PEPTIDE LOGIC LLC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q190	CESSATION THERAPEUTI	3210 MERRYFIELD ROW	CA San Diego Co. HMMMD, CA CERS HAZ WASTE, CA CERS	Higher	1263, 0.239, SSE
Q191	MEDITOPE BIOSCIENCES	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q192	CAPELLA THERAPEUTICS	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q193	JOHNSON & JOHNSON IN	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q194	SIRENAS MARINE DISCO	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q195	PLEXIUM	3210 MERRYFIELD ROW	CA San Diego Co. HMMMD, CA CERS HAZ WASTE, CA...	Higher	1263, 0.239, SSE

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Q196	GLOBAL BIO THERAPEUT	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q197	KORUBIO INC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q198	THESAN PHARMACEUTICA	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q199	DERMALA INC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q200	JOHNSON & JOHNSON PH	3210 MERRYFIELD RW	CA AST, CA San Diego Co. HMMMD, CA CERS HAZ WASTE,...	Higher	1263, 0.239, SSE
Q201	PRIMORDIAL GENETICS	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q202	AIM RX INC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q203	JANSSEN ROSEAREN & D	3210 MERRYFIELD ROW	CT MANIFEST	Higher	1263, 0.239, SSE
Q204	LOCANA INC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q205	AMYDIS DIAGNOSTICS	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q206	AEQUOR INC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q207	OMETA LABS LLC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q208	DIGITAL PROTEOMICS L	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q209	ISOMMUNE LLC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q210	SIENNA LABS DBA SIEN	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q211	PHENZYME	3210 MERRYFIELD ROW	RCRA-SQG	Higher	1263, 0.239, SSE
Q212	DTX PHARMA INC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q213	XYCROBE THERAPEUTICS	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q214	BIOLUM SCIENCES LLC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q215	CYTONUS THERAPEUTICS	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q216	SCALE BIOSCIENCES IN	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q217	NAVEGA THERAPEUTICS	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q218	JANSSEN RESEARCH & D	3210 MERRYFIELD ROW	RCRA-LQG, FINDS, ECHO	Higher	1263, 0.239, SSE
Q219	BASILARD BIOTECH INC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q220	PRECISION NEUROSCIEN	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q221	JLABS LAB SUITE 2C P	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q222	VERSAPEUTICS INC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q223	FRONTERA US PHARMAC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q224	INSMED INC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q225	GLYTR THERAPEUTICS I	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q226	CREYON BIO INC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q227	SINOPIA BIOSCIENCES	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q228	ENTOS PHARMACEUTICAL	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q229	TYRA BIOSCIENCES DBA	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q230	MOLECULAR STETHOSCO	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q231	1859 INC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q232	ALUME BIOSCIENCES IN	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q233	ONK THEREAPEUTICS IN	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q234	MOTUS BIOSCIENCES IN	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE

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Q235	INFIXION BIOSCIENCE	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q236	AMPLYX PHARMACEUTICA	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q237	ORPHI THERAPEUTICS I	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q238	OCEANSIDE BIOTECHNOL	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q239	VELOSBIO INC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q240	JLABS	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q241	CREYON BIO INC	3210 MERRYFIELD ROW	CA San Diego Co. HMMMD, CA CERS HAZ WASTE, CA...	Higher	1263, 0.239, SSE
Q242	LYNX BIOSCIENCES INC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q243	PERCEIVE BIOTHERAPEU	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q244	AUXILIUM BIOTECHNOLO	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q245	JANSEN RESEARCH & DE	3210 MERRYFIELD ROW	CT MANIFEST	Higher	1263, 0.239, SSE
Q246	IAVI	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q247	DEGRON THEREPEUTICS	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q248	LASSOGEN INC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q249	HAYA THERAPEUTICS IN	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q250	ONCOSENX	3210 MERRYFIELD RD R	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q251	FABRIC8LABS INC / JL	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q252	LUXVITAE THERAPEUTIC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q253	OLIX US INC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q254	PALM THERAPEUTICS IN	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q255	JLABS DBA CESSATION	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q256	PRODERMIQ, INC.	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q257	EXOSOME THERAPEUTICS	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q258	VIVREON BIOSCIENCES	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q259	PRIMMUNE THERAPEUTIC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q260	SUNOMIX THERAPEUTICS	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q261	DESIGN THERAPEUTICS	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q262	VEPROBIO INC JLABS S	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q263	CYTONUS THERAPEUTICS	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q264	SCALE BIOSCIENCES IN	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q265	JLABS SAN DIEGO ICON	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q266	MABLYTICS INC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q267	ORIGAMI THERAPEUTICS	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q268	RECODAGEN LLC	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q269	ORIOLE THERAPEUTICS	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q270	NEUROGENERATION	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q271	PLEXIUM INC.	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q272	AVANTI BIOSCIENCES I	3210 MERRYFIELD ROW	RCRA NonGen / NLR	Higher	1263, 0.239, SSE
Q273	PRODERMIQ INC	3210 MERRYFIELD RD	RCRA NonGen / NLR	Higher	1263, 0.239, SSE

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274	SAW SEGMENT	11080 ROSELLE ST	CA San Diego Co. HMMD, CA Notify 65	Lower	1424, 0.270, East
R275	CALBIOCHEM NOVABIOCH	10933 N TORREY PINES	RCRA-SQG, CA ENVIROSTOR	Higher	1696, 0.321, WSW
R276	HEALTH SCIENCE PROPE	10933 N TORREY PINES	CA CPS-SLIC	Higher	1696, 0.321, WSW
R277	HEALTH SCIENCE PROPE	10933 N TORREY PINES	CA SAN DIEGO CO. SAM, CA San Diego Co. HMMD, CA...	Higher	1696, 0.321, WSW
S278	ACV APPRAISERS	11468 SORRENTO VALLE	SEMS-ARCHIVE, RCRA-SQG, FINDS	Lower	2181, 0.413, NE
S279	MEPCOPAL	11525 SORRENTO VALLE	CA ENVIROSTOR, CA San Diego Co. HMMD, FINDS, ECHO,...	Lower	2181, 0.413, NE
280	CAMACHO CONSTRUCTION	11321 FLINTKOTE AV	CA SAN DIEGO CO. SAM, CA CPS-SLIC, CA San Diego...	Lower	2507, 0.475, NNW
T281	KYOCERA AMERICA INC	11620 SORRENTO VALLE	CA SAN DIEGO CO. SAM, CA San Diego Co. HMMD, CA...	Lower	2583, 0.489, NNE
T282	TRS GROUP, INC.	11620 SORRENTO VALLE	RCRA-LQG, CA CPS-SLIC, FINDS, ECHO, CA HAZNET, CA...	Lower	2583, 0.489, NNE
T283	SMURFIT PRESS	11620 SORRENTO VALLE	CA ENVIROSTOR, CA San Diego Co. HMMD, CA EMI, CA...	Lower	2583, 0.489, NNE
284	GENERAL ATOMICS	10955 JOHN J. HOPKIN	CA LUST, CA HIST CORTESE	Higher	2604, 0.493, SSW
T285	SPIN PHYSICS INC.	11633 SORRENTO VALLE	CA ENVIROSTOR, CA San Diego Co. HMMD, CA HWP, CA...	Lower	2710, 0.513, NNE
286	THE SCRIPPS RESEARCH	10666 N TORREY PINES	RCRA-LQG, CA ENVIROSTOR, CA San Diego Co. HMMD, CA...	Higher	3365, 0.637, SSW
U287	GENERAL ATOMICS	3550 GENERAL ATOMICS	CA SAN DIEGO CO. SAM, CA AST, CA San Diego Co....	Higher	3727, 0.706, South
U288	ASTUTE MEDICAL INC	3550 GENERAL ATOMICS	CA ENVIROSTOR, CA LUST, CA CERS HAZ WASTE, CA CERS...	Higher	3727, 0.706, South
289	R C YOUNG ROOFING CO	10749 ROSELLE ST	CA San Diego Co. HMMD, CA SWEEPS UST, CA Notify 65	Lower	4416, 0.836, ESE
290	TORREY HILLS ELEMENT	10971 WEST OCEAN AIR	CA ENVIROSTOR, CA SCH, CA CERS	Higher	4584, 0.868, NE
V291	MULTI-USE RANGE		UXO	Higher	4779, 0.905, South
V292	CAMP CALLAN		FUDS	Higher	4779, 0.905, South
V293	SMALL ARMS AND ARTIL		UXO	Higher	4779, 0.905, South
V294	GRENAD E SM ARMS ARTI		UXO	Higher	4779, 0.905, South
V295	LIVE GRENADE COURT B		UXO	Higher	4779, 0.905, South
V296	CAMP CALLEN		CA ENVIROSTOR	Higher	4780, 0.905, South
297	UCSD (CAMP MATTHEWS)	12 MILES NORTH OF SA	CA RESPONSE, CA ENVIROSTOR, CA HIST Cal-Sites	Higher	4835, 0.916, SSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
GENE THERAPY SYSTEMS 11011 TORREYANA RD SAN DIEGO, CA 92121	CA HWTS	N/A
BIOATLA LLC 11011 TORREYANA RD SAN DIEGO, CA 92121	RCRA NonGen / NLR EPA ID:: CAL000387123	CAL000387123
BIODURO LLC 11011 TORREYANA RD SAN DIEGO, CA 92121	RCRA-LQG EPA ID:: CAD981583479 CA San Diego Co. HMMMD Record ID: DEH2016-HUPFP-002611 Record ID: DEH2016-HUPFP-002827 CA CERS HAZ WASTE CA CHMIRS OES Incident Number: 2-5876 FINDS Registry ID:: 110002723349 ECHO Registry ID: 110002723349 CA NPDES CA CIWQS CA CERS CA HWTS	CAD981583479
REVELATION BIOSCIENC 11011 TORREYANA RD S SAN DIEGO, CA 92121	ECHO Registry ID: 110071052532	N/A
FORMEX LLC 11011 TORREYANA RD S SAN DIEGO, CA 92121	CA HAZNET GEPaid: CAL000383582 CA HWTS	N/A
BIOGEN IDEC 11011 TORREYANA SAN DIEGO, CA 92121	CA SAN DIEGO CO. SAM Case Number: H14775-001 Facility Status: Closed Case	N/A
BIOGEN IDEC 11011 ORREYANA RD SAN DIEGO, CA 92121	CA SAN DIEGO CO. SAM	N/A

EXECUTIVE SUMMARY

Case Number: H14775-002
 Facility Status: Closed Case

CA CPS-SLIC
 Database: CPS-SLIC, Date of Government Version: 08/31/2022
 Facility Status: Completed - Case Closed
 Global Id: T06019797153

CA CERS

<p>CELULANA INC. 11011 TORREYANA RD S SAN DIEGO, CA 92121</p>	<p>FINDS Registry ID:: 110066650270</p>	<p>N/A</p>
<p>BD INTEGRATED DIAGNO 11011 TORREYANA RD S SAN DIEGO, CA 92121</p>	<p>CA HWTS</p>	<p>N/A</p>
<p>TANOX WEST INC 11011 TORREYANA RD SAN DIEGO, CA 92121</p>	<p>CA HAZNET GEPAID: CAD981583479 CA HWTS</p>	<p>N/A</p>
<p>CROWN BIOSCIENCE SAN 11011 TORREYANA RD S SAN DIEGO, CA 92121</p>	<p>FINDS Registry ID:: 110070415233 ECHO Registry ID: 110070415233</p>	<p>N/A</p>
<p>11011 TORREYANA ROAD 11011 TORREYANA ROAD SAN DIEGO, CA 92121</p>	<p>CA CHMIRS OES Incident Number: 9-2434</p>	<p>N/A</p>
<p>MOLECULAR RESPONSE L 11011 TORREYANA RD S SAN DIEGO, CA 92121</p>	<p>CA HAZNET GEPAID: CAL000400670 CA HWTS</p>	<p>N/A</p>
<p>BD INTEGRATED DIAGNO 11011 TORREYANA RD S SAN DIEGO, CA 92121</p>	<p>FINDS</p>	<p>N/A</p>
<p>GENETECH INC 11011 TORREYANA RD SAN DIEGO, CA 92121</p>	<p>CA HWTS</p>	<p>N/A</p>
<p>BD INTEGRATED DIAGNO 11011 TORREYANA RD S SAN DIEGO, CA 92121</p>	<p>RCRA NonGen / NLR EPA ID:: CAL000461666</p>	<p>CAL000461666</p>
<p>REVELATION BIOSCIENC 11011 TORREYANA RD S SAN DIEGO, CA 92121</p>	<p>FINDS</p>	<p>N/A</p>

EXECUTIVE SUMMARY

<p>IDEC PHARMACEUTICALS 11011 TORREYANA ROAD LA JOLLA, CA 92037</p>	<p>CA ENVIROSTOR Facility Id: 71002885 Status: No Action Required</p>	N/A
<p>REVELATION BIOSCIENC 11011 TORREYANA RD S SAN DIEGO, CA 92121</p>	<p>CA HWTS</p>	N/A
<p>BIODURO LLC 11011 TORREYANA RD SAN DIEGO, CA 92121</p>	<p>CA HAZNET GEPaid: CAL000446200 CA HWTS</p>	N/A
<p>FORMEX LLC 11011 TORREYANA ROAD SAN DIEGO, CA 92121</p>	<p>RCRA-LQG EPA ID:: CAL000383582</p>	CAL000383582
<p>REVELATION BIOSCIENC 11011 TORREYANA RD S SAN DIEGO, CA 92121</p>	<p>RCRA NonGen / NLR EPA ID:: CAL000459771</p>	CAL000459771
<p>CROWN BIOSCIENCE SAN 11011 TORREYANA RD S SAN DIEGO, CA 92121</p>	<p>CA HAZNET GEPaid: CAL000406828 CA HWTS</p>	N/A
<p>MOLECULAR RESPONSE L 11011 TORREYANA RD S SAN DIEGO, CA 92121</p>	<p>CA HAZNET GEPaid: CAL000417017 CA HWTS</p>	N/A
<p>FORMEX LLC 11011 TORREYANA ROAD SAN DIEGO, CA 92121</p>	<p>FINDS Registry ID:: 110070412525 ECHO Registry ID: 110070412525</p>	N/A
<p>BD INTEGRATED DIAGNO 11011 TORREYANA RD S SAN DIEGO, CA 92121</p>	<p>ECHO Registry ID: 110071134237</p>	N/A
<p>F1 ONCOLOGY 11011 TORREYANA RD SAN DIEGO, CA 92121</p>	<p>CA HAZNET GEPaid: CAL000419208 CA HWTS</p>	N/A
<p>BIOATLA LLC 11011 TORREYANA RD SAN DIEGO, CA 92121</p>	<p>FINDS</p>	N/A

EXECUTIVE SUMMARY

Registry ID:: 110070413889

ECHO

Registry ID: 110070413889

BIODURO LLC
11011 TORREYANA RD
SAN DIEGO, CA 92121

RCRA NonGen / NLR
EPA ID:: CAL000446200

CAL000446200

CELULA INC
11011 TORREYANA RD S
SAN DIEGO, CA 92121

CA HAZNET
GEPaid: CAL000397310
CA HWTS

N/A

BIOATLA LLC
11011 TORREYANA RD
SAN DIEGO, CA 92121

CA HAZNET
GEPaid: CAL000387123
CA HWTS

N/A

BIODURO LLC
11011 TORREYANA RD
SAN DIEGO, CA 92121

ECHO
Registry ID: 110070592635

N/A

CROWN BIOSCIENCE SAN
11011 TORREYANA RD S
SAN DIEGO, CA 92121

RCRA NonGen / NLR
EPA ID:: CAL000406828

CAL000406828

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL..... National Priority List Deletions

EXECUTIVE SUMMARY

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS..... Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state and tribal landfills and solid waste disposal facilities

CA SWF/LF..... Solid Waste Information System

Lists of state and tribal leaking storage tanks

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing
CA UST..... Active UST Facilities
INDIAN UST..... Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

CA VCP..... Voluntary Cleanup Program Properties
INDIAN VCP..... Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

CA BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

EXECUTIVE SUMMARY

Local Lists of Landfill / Solid Waste Disposal Sites

CA WMUDS/SWAT.....	Waste Management Unit Database
CA SWRCY.....	Recycler Database
CA HAULERS.....	Registered Waste Tire Haulers Listing
INDIAN ODI.....	Report on the Status of Open Dumps on Indian Lands
ODI.....	Open Dump Inventory
DEBRIS REGION 9.....	Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS.....	Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL.....	Delisted National Clandestine Laboratory Register
CA CDL.....	Clandestine Drug Labs
CA Toxic Pits.....	Toxic Pits Cleanup Act Sites
US CDL.....	National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CA FID UST.....	Facility Inventory Database
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Local Land Records

CA LIENS.....	Environmental Liens Listing
LIENS 2.....	CERCLA Lien Information
CA DEED.....	Deed Restriction Listing

Records of Emergency Release Reports

HMIRS.....	Hazardous Materials Information Reporting System
CA LDS.....	Land Disposal Sites Listing
CA MCS.....	Military Cleanup Sites Listing
CA SPILLS 90.....	SPILLS 90 data from FirstSearch

Other Ascertainable Records

DOD.....	Department of Defense Sites
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
2020 COR ACTION.....	2020 Corrective Action Program List
TSCA.....	Toxic Substances Control Act
TRIS.....	Toxic Chemical Release Inventory System
SSTS.....	Section 7 Tracking Systems
ROD.....	Records Of Decision
RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PRP.....	Potentially Responsible Parties
PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data

EXECUTIVE SUMMARY

COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
PFAS NPL.....	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES.....	Federal Sites PFAS Information
PFAS TSCA.....	PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST.....	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR.....	PFAS Contamination Site Location Listing
PFAS WQP.....	Ambient Environmental Sampling for PFAS
PFAS NPDES.....	Clean Water Act Discharge Monitoring Information
PFAS ECHO FIRE TRAINING.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT.....	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC.....	Aqueous Foam Related Incidents Listing
CA PFAS.....	PFAS Contamination Site Location Listing
CA AQUEOUS FOAM.....	Former Fire Training Facility Assessments Listing
CA BOND EXP. PLAN.....	Bond Expenditure Plan
CA CUPA Listings.....	CUPA Resources List
CA DRYCLEANERS.....	Cleaner Facilities
CA ENF.....	Enforcement Action Listing
CA Financial Assurance.....	Financial Assurance Information Listing
CA HWT.....	Registered Hazardous Waste Transporter Database
CA MINES.....	Mines Site Location Listing
CA MWMP.....	Medical Waste Management Program Listing
CA PEST LIC.....	Pesticide Regulation Licenses Listing
CA PROC.....	Certified Processors Database
CA UIC.....	UIC Listing
CA UIC GEO.....	UIC GEO (GEOTRACKER)
CA WASTEWATER PITS.....	Oil Wastewater Pits Listing
CA WIP.....	Well Investigation Program Case List
CA MILITARY PRIV SITES.....	MILITARY PRIV SITES (GEOTRACKER)
CA PROJECT.....	PROJECT (GEOTRACKER)
CA WDR.....	Waste Discharge Requirements Listing
CA NON-CASE INFO.....	NON-CASE INFO (GEOTRACKER)
CA OTHER OIL GAS.....	OTHER OIL & GAS (GEOTRACKER)
CA PROD WATER PONDS.....	PROD WATER PONDS (GEOTRACKER)
CA SAMPLING POINT.....	SAMPLING POINT (GEOTRACKER)
CA WELL STIM PROJ.....	Well Stimulation Project (GEOTRACKER)
MINES MRDS.....	Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
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EXECUTIVE SUMMARY

EDR Hist Auto..... EDR Exclusive Historical Auto Stations
EDR Hist Cleaner..... EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

CA RGA LF..... Recovered Government Archive Solid Waste Facilities List
CA RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 10/27/2022 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ACV APPRAISERS Site ID: 0901621 EPA Id: CAD081798977	11468 SORRENTO VALLE	NE 1/4 - 1/2 (0.413 mi.)	S278	1805

EXECUTIVE SUMMARY

Lists of Federal RCRA generators

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 11/21/2022 has revealed that there are 6 RCRA-LQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BD - POINT OF CARE EPA ID:: CAL000313770	10865 ROAD TO THE CU	SSE 0 - 1/8 (0.090 mi.)	E46	311
BD POINT OF CARE EPA ID:: CAR000334078	10865 ROAD TO THE CU	SSE 0 - 1/8 (0.090 mi.)	E51	326
THE SCRIPPS RESEARCH EPA ID:: CA0000073767	3050 SCIENCE PARK RD	SW 0 - 1/8 (0.118 mi.)	F59	415
ERASCA, INC. EPA ID:: CAR000338939	3115 MERRYFIELD ROW,	SSW 1/8 - 1/4 (0.224 mi.)	L113	946
JANSSEN RESEARCH & D EPA ID:: CAR000049841	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q218	1567

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GENERAL ATOMICS EPA ID:: CAR000198143	11222 FLINTKOTE AVE	E 1/8 - 1/4 (0.169 mi.)	I73	657

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 11/21/2022 has revealed that there are 16 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
S CUBED EPA ID:: CAD982502536	3030 CALLAN RD	W 0 - 1/8 (0.120 mi.)	G62	464
CYTORI THERAPEUTICS, EPA ID:: CAR000196618	3020 CALLAN ROAD	W 1/8 - 1/4 (0.129 mi.)	G65	493
RECEPTOS INC EPA ID:: CAR000214197	10835 RD TO THE CURE	S 1/8 - 1/4 (0.178 mi.)	J87	748
SINGULAR GENOMICS SY EPA ID:: CAR000087262	3010 SCIENCE PARK RD	SW 1/8 - 1/4 (0.189 mi.)	K89	754
CORVAS INTERNATIONAL EPA ID:: CA0000302984	3030 SCIENCE PARK RD	SW 1/8 - 1/4 (0.209 mi.)	L101	830
SAPPHIRE ENERGY	3115 MERRYFILED ROW	SSW 1/8 - 1/4 (0.224 mi.)	L115	950

EXECUTIVE SUMMARY

EPA ID:: CAR000200410				
REMPEX PHARMACEUTICA EPA ID:: CAR000251934	3033 SCIENCE PARK RD	SW 1/8 - 1/4 (0.227 mi.)	L119	972
VIVIDION THERAPEUTIC EPA ID:: CAR000271791	3033 SCIENCE PARK RD	SW 1/8 - 1/4 (0.227 mi.)	L120	975
RECEPTOS SERVICES LL EPA ID:: CAR000251355	3033 SCIENCE PARK RD	SW 1/8 - 1/4 (0.227 mi.)	L125	1015
CYTEL CORP EPA ID:: CAD982508467	11099 N TORREY PINES	NW 1/8 - 1/4 (0.232 mi.)	N144	1109
P P G X INCORPORATED EPA ID:: CA0000036285	11099 N TORREY PINES	NW 1/8 - 1/4 (0.232 mi.)	N147	1161
SEKOMYX EPA ID:: CAL000171514	11099 N. TORREY PINE	NW 1/8 - 1/4 (0.232 mi.)	N149	1171
GOSSAMER BIO INC EPA ID:: CAR000335505	3013 SCIENCE PARK RD	SW 1/8 - 1/4 (0.238 mi.)	P156	1200
PHENZYME EPA ID:: CAR000278069	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q211	1548
Lower Elevation	Address	Direction / Distance	Map ID	Page
PATHOLOGY MEDICAL LA EPA ID:: CAD981172430	11180 ROSELLE ST STE	E 1/8 - 1/4 (0.233 mi.)	O151	1179
TREELINE BIOSCIENCES EPA ID:: CAR000230722	11180 ROSELLE ST STE	E 1/8 - 1/4 (0.233 mi.)	O152	1183

Lists of state- and tribal (Superfund) equivalent sites

CA RESPONSE: Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

A review of the CA RESPONSE list, as provided by EDR, has revealed that there is 1 CA RESPONSE site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UCSD (CAMP MATTHEWS) Database: RESPONSE, Date of Government Version: 07/25/2022 AWP Facility Id: 37970031 Status: No Further Action Facility Id: 37970031	12 MILES NORTH OF SA	SSW 1/2 - 1 (0.916 mi.)	297	2354

Lists of state- and tribal hazardous waste facilities

CA ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal

EXECUTIVE SUMMARY

Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the CA ENVIROSTOR list, as provided by EDR, and dated 07/25/2022 has revealed that there are 10 CA ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ORGANOGENESIS, INC. Facility Id: 71003083 Status: Inactive - Needs Evaluation	3040 SCIENCE PARK RD	SW 1/8 - 1/4 (0.167 mi.)	F68	604
CALBIOCHEM NOVABIOCH Facility Id: 37280025 Status: Refer: Other Agency	10933 N TORREY PINES	WSW 1/4 - 1/2 (0.321 mi.)	R275	1783
THE SCRIPPS RESEARCH Facility Id: 71003421 Status: Inactive - Needs Evaluation	10666 N TORREY PINES	SSW 1/2 - 1 (0.637 mi.)	286	1863
ASTUTE MEDICAL INC Facility Id: 80001461 Facility Id: 71002537 Status: Active Status: Inactive - Needs Evaluation	3550 GENERAL ATOMICS	S 1/2 - 1 (0.706 mi.)	U288	2279
TORREY HILLS ELEMENT Facility Id: 37150002 Status: No Action Required	10971 WEST OCEAN AIR	NE 1/2 - 1 (0.868 mi.)	290	2345
CAMP CALLEN Facility Id: 80000211 Status: Inactive - Needs Evaluation		S 1/2 - 1 (0.905 mi.)	V296	2353
UCSD (CAMP MATTHEWS) Facility Id: 37970031 Status: No Further Action	12 MILES NORTH OF SA	SSW 1/2 - 1 (0.916 mi.)	297	2354
Lower Elevation	Address	Direction / Distance	Map ID	Page
MEPCOPAL Facility Id: 37360049 Status: Refer: Other Agency	11525 SORRENTO VALLE	NE 1/4 - 1/2 (0.413 mi.)	S279	1810
SMURFIT PRESS Facility Id: 71002420 Status: Refer: Local Agency	11620 SORRENTO VALLE	NNE 1/4 - 1/2 (0.489 mi.)	T283	1852
SPIN PHYSICS INC. Facility Id: 37800051 Status: Refer: RCRA	11633 SORRENTO VALLE	NNE 1/2 - 1 (0.513 mi.)	T285	1858

EXECUTIVE SUMMARY

Lists of state and tribal leaking storage tanks

CA SAN DIEGO CO. SAM: The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

A review of the CA SAN DIEGO CO. SAM list, as provided by EDR, and dated 03/23/2010 has revealed that there are 5 CA SAN DIEGO CO. SAM sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>SYNTHETIC GENOMICS I</i> Case Number: H23213-001 Facility Status: Closed Case	<i>3020 CALLAN RD</i>	<i>W 1/8 - 1/4 (0.129 mi.)</i>	<i>G63</i>	<i>467</i>
<i>HEALTH SCIENCE PROPE</i> Case Number: H02699-001 Case Number: H02699-002 Facility Status: Closed Case	<i>10933 N TORREY PINES</i>	<i>WSW 1/4 - 1/2 (0.321 mi.)</i>	<i>R277</i>	<i>1792</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>GENERAL ATOMICS</i> Case Number: H34138-001 Facility Status: Remedial Investigation	<i>11222 FLINTKOTE AV</i>	<i>E 1/8 - 1/4 (0.169 mi.)</i>	<i>I71</i>	<i>655</i>
<i>CAMACHO CONSTRUCTION</i> Case Number: H23191-001 Facility Status: Preliminary Assessment	<i>11321 FLINTKOTE AV</i>	<i>NNW 1/4 - 1/2 (0.475 mi.)</i>	<i>280</i>	<i>1819</i>
<i>KYOCERA AMERICA INC</i> Case Number: H04671-003 Case Number: H04671-002 Case Number: H04671-001 Facility Status: Remedial Investigation Facility Status: Closed Case	<i>11620 SORRENTO VALLE</i>	<i>NNE 1/4 - 1/2 (0.489 mi.)</i>	<i>T281</i>	<i>1821</i>

CA LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CA LUST list, as provided by EDR, has revealed that there are 2 CA LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>SYNTHETIC GENOMICS I</i> Database: LUST REG 9, Date of Government Version: 03/01/2001 Database: LUST, Date of Government Version: 08/31/2022 Closed Date: 11/3/93 Status: Completed - Case Closed Status: Case Closed Global Id: T0607302251 Case Number: 9UT3486	<i>3020 CALLAN RD</i>	<i>W 1/8 - 1/4 (0.129 mi.)</i>	<i>G63</i>	<i>467</i>
<i>GENERAL ATOMICS</i> Database: LUST REG 9, Date of Government Version: 03/01/2001	<i>10955 JOHN J. HOPKIN</i>	<i>SSW 1/4 - 1/2 (0.493 mi.)</i>	<i>284</i>	<i>1857</i>

EXECUTIVE SUMMARY

Closed Date: 7/10/92
Status: Case Closed
Case Number: 9UT1766

CA CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CA CPS-SLIC list, as provided by EDR, has revealed that there are 5 CA CPS-SLIC sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SCIENCE PARK FACILIT Database: CPS-SLIC, Date of Government Version: 08/31/2022 Facility Status: Completed - Case Closed Global Id: T10000003746	3033 SCIENCE PARK RO	SW 1/8 - 1/4 (0.227 mi.)	L126	1019
HEALTH SCIENCE PROPE Database: CPS-SLIC, Date of Government Version: 08/31/2022 Facility Status: Completed - Case Closed Global Id: T0608119287 Global Id: T0608121272	10933 N TORREY PINES	WSW 1/4 - 1/2 (0.321 mi.)	R276	1791
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GENERAL ATOMICS NORT Database: CPS-SLIC, Date of Government Version: 08/31/2022 Facility Status: Open - Remediation Global Id: T10000016916	11222 FLINTKOTE AVEN	E 1/8 - 1/4 (0.169 mi.)	I72	657
CAMACHO CONSTRUCTION Database: CPS-SLIC, Date of Government Version: 08/31/2022 Facility Status: Completed - Case Closed Global Id: T0608196918	11321 FLINTKOTE AV	NNW 1/4 - 1/2 (0.475 mi.)	280	1819
TRS GROUP, INC. Database: SLIC REG 9, Date of Government Version: 09/10/2007 Database: CPS-SLIC, Date of Government Version: 08/31/2022 Facility Status: Completed - Case Closed Facility Status: Open - Remediation Status: Dead Global Id: T06019710419 Global Id: T0608130389 Global Id: T06019728393	11620 SORRENTO VALLE	NNE 1/4 - 1/2 (0.489 mi.)	T282	1822

Lists of state and tribal registered storage tanks

CA AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the CA AST list, as provided by EDR, has revealed that there are 5 CA AST sites within

EXECUTIVE SUMMARY

approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FOUNDATION MEDICINE, Database: AST, Date of Government Version: 07/06/2016	11010 TORREYANA RD.	W 0 - 1/8 (0.017 mi.)	B36	197
THE SCRIPPS RESEARCH Database: AST, Date of Government Version: 07/06/2016	3050 SCIENCE PARK RD	SW 0 - 1/8 (0.118 mi.)	F57	342
3033 SCIENCE PARK RO Database: AST, Date of Government Version: 07/06/2016	3033 SCIENCE PARK RO	SW 1/8 - 1/4 (0.227 mi.)	L129	1026
JOHNSON & JOHNSON PH Database: AST, Date of Government Version: 07/06/2016	3210 MERRYFIELD RW	SSE 1/8 - 1/4 (0.239 mi.)	Q173	1283
JOHNSON & JOHNSON PH Database: AST, Date of Government Version: 07/06/2016	3210 MERRYFIELD RW	SSE 1/8 - 1/4 (0.239 mi.)	Q200	1365

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

CA HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the CA HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 CA HIST Cal-Sites site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
UCSD (CAMP MATTHEWS)	12 MILES NORTH OF SA	SSW 1/2 - 1 (0.916 mi.)	297	2354

CA CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CA CERS HAZ WASTE list, as provided by EDR, and dated 07/18/2022 has revealed that there are 35 CA CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FOUNDATION MEDICINE,	11010 TORREYANA RD.	W 0 - 1/8 (0.017 mi.)	B36	197
BECKMAN COULTER INC	11085 TORREYANA RD	N 0 - 1/8 (0.039 mi.)	C38	232
BD BIOSCIENCES (PHAR	10975 TORREYANA RD	SW 0 - 1/8 (0.062 mi.)	D42	266
GALLANT	10865 ROAD TO THE CU	SSE 0 - 1/8 (0.090 mi.)	E44	307
EXPLORA BIOLABS	10835 AND 10865 ROAD	SSE 0 - 1/8 (0.090 mi.)	E47	315
CBR SYSTEMS, INC.	10865 ROAD TO THE CU	SSE 0 - 1/8 (0.090 mi.)	E48	318
BD POINT OF CARE	10865 ROAD TO THE CU	SSE 0 - 1/8 (0.090 mi.)	E53	331
CAPRICOR, INC.	10865 ROAD TO THE CU	SSE 0 - 1/8 (0.090 mi.)	E55	337
THE SCRIPPS RESEARCH	3050 SCIENCE PARK RD	SW 0 - 1/8 (0.118 mi.)	F59	415
TURNING POINT THERAP	3030 CALLAN RD	W 0 - 1/8 (0.120 mi.)	G60	457
SANFORD BURNHAM PREB	10905 ROAD TO THE CU	SSW 1/8 - 1/4 (0.141 mi.)	H66	534
ORGANOGENESIS, INC.	3040 SCIENCE PARK RD	SW 1/8 - 1/4 (0.167 mi.)	F68	604
PERSEPHONE BIOSCIENC	10835 ROAD TO THE CU	S 1/8 - 1/4 (0.178 mi.)	J78	721
LUNDBECK LA JOLLA RE	10835 ROAD TO THE CU	S 1/8 - 1/4 (0.178 mi.)	J80	726

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ASPEN NEUROSCIENCE	10835 ROAD TO THE CU	S 1/8 - 1/4 (0.178 mi.)	J86	743
SINGULAR GENOMICS SY	3010 SCIENCE PARK RD	SW 1/8 - 1/4 (0.189 mi.)	K92	793
ERASCA	3115 MERRYFIELD ROW	SSW 1/8 - 1/4 (0.224 mi.)	L114	948
858 THERAPEUTICS	3115 MERRYFIELD ROW	SSW 1/8 - 1/4 (0.224 mi.)	L116	953
NATIONAL RESILIENCE,	3115 MERRYFIELD ROW	SSW 1/8 - 1/4 (0.224 mi.)	L118	970
RECEPTOS SERVICES LL	3033 SCIENCE PARK RD	SW 1/8 - 1/4 (0.227 mi.)	L123	983
SINGULAR GENOMICS SY	3033 SCIENCE PARK RD	SW 1/8 - 1/4 (0.227 mi.)	L131	1030
HOLLIS-EDEN PHARMACE	11099 N TORREY PINES	NW 1/8 - 1/4 (0.232 mi.)	N138	1085
SYNTHORX, INC	11099 N TORREY PINES	NW 1/8 - 1/4 (0.232 mi.)	N146	1141
GOSSAMER BIO	3013 SCIENCE PARK RD	SW 1/8 - 1/4 (0.238 mi.)	P159	1212
CYBELE MICROBIOME	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q163	1241
HAYA THERAPEUTICS, I	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q177	1291
SUNOMIX THERAPEUTICS	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q186	1314
CESSATION THERAPEUTI	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q190	1324
PLEXIUM	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q195	1338
JOHNSON & JOHNSON PH	3210 MERRYFIELD RW	SSE 1/8 - 1/4 (0.239 mi.)	Q200	1365
CREYON BIO INC	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q241	1650
Lower Elevation	Address	Direction / Distance	Map ID	Page
LABSIMPLY, INC.	11125 FLINTKOTE AVE	ESE 1/8 - 1/4 (0.207 mi.)	M100	811
AMPRION, INC.	11095 FLINTKOTE AVE	ESE 1/8 - 1/4 (0.214 mi.)	M109	889
EUROFINS DISCOVERX	11180 ROSELLE ST STE	E 1/8 - 1/4 (0.233 mi.)	O153	1189
EXPLORA BIOLABS COAS	11175 FLINTKOTE AVE	ESE 1/8 - 1/4 (0.238 mi.)	M160	1216

Local Lists of Registered Storage Tanks

CA CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CA CERS TANKS list, as provided by EDR, and dated 07/18/2022 has revealed that there are 4 CA CERS TANKS sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FOUNDATION MEDICINE,	11010 TORREYANA RD.	W 0 - 1/8 (0.017 mi.)	B36	197
THE RMR GROUP	3050 SCIENCE PARK RD	SW 0 - 1/8 (0.118 mi.)	F58	379
SPECTRUM	3013-3033 SCIENCE PA	SW 1/8 - 1/4 (0.238 mi.)	P157	1204
JOHNSON & JOHNSON PH	3210 MERRYFIELD RW	SSE 1/8 - 1/4 (0.239 mi.)	Q200	1365

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 11/21/2022 has revealed that

EXECUTIVE SUMMARY

there are 173 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BMR-TORREYANA LP EPA ID:: CAC003056578	11010 TORREYANA ROAD	W 0 - 1/8 (0.017 mi.)	B34	179
VERTEX PHARMACEUTICA EPA ID:: CAR000140541	11010 TORREYANA RD	W 0 - 1/8 (0.017 mi.)	B35	182
FOUNDATION MEDICINE EPA ID:: CAL000464299	11010 TORREYANA RD	W 0 - 1/8 (0.017 mi.)	B37	229
BIOATLA LLC EPA ID:: CAL000436269	11085 TORREYANA RD	N 0 - 1/8 (0.039 mi.)	C39	259
ARE-SD REGION NO. 33 EPA ID:: CAC003053360	10996 TORREYANA RD,	SW 0 - 1/8 (0.043 mi.)	D40	261
PHARMINGEN EPA ID:: CAL000194141	10975 TORREYANNA RD	SW 0 - 1/8 (0.062 mi.)	D41	264
EXPLORA BIOLABS EPA ID:: CAL000433694	10865 ROAD TO THE CU	SSE 0 - 1/8 (0.090 mi.)	E43	304
SAN DIEGO BIOMEDICAL EPA ID:: CAL000445443	10865 ROAD TO THE CU	SSE 0 - 1/8 (0.090 mi.)	E45	308
PACIFICGMP DBA ABZEN EPA ID:: CAL000433657	10865 ROAD TO THE CU	SSE 0 - 1/8 (0.090 mi.)	E49	320
SAN DIEGO BIOMEDICAL EPA ID:: CAL000400921	10865 ROAD TO THE CU	SSE 0 - 1/8 (0.090 mi.)	E50	323
GALLANT PET INC EPA ID:: CAL000454557	10865 ROAD TO THE CU	SSE 0 - 1/8 (0.090 mi.)	E52	328
CAPRICOR INC EPA ID:: CAL000465734	10865 ROAD TO THE CU	SSE 0 - 1/8 (0.090 mi.)	E54	334
PROMETHEUS BIOSCIENC EPA ID:: CAL000463940	3050 SCIENCE PARK DR	SW 0 - 1/8 (0.118 mi.)	F56	340
ANSUN BIOPHARMA EPA ID:: CAL000384811	3030 CALLAN RD	W 0 - 1/8 (0.120 mi.)	G61	462
SYNTHETIC GENOMICS I EPA ID:: CAL000408537	3020 CALLAN RD	W 1/8 - 1/4 (0.129 mi.)	G64	490
SANFORD BURNHAM PRES EPA ID:: CAL000344658	10905 ROAD TO THE CU	SSW 1/8 - 1/4 (0.141 mi.)	H67	602
ORGANOGENESIS, INC. EPA ID:: CAD982491938	3040 SCIENCE PARK RD	SW 1/8 - 1/4 (0.167 mi.)	F68	604
ENTOS PHARMACEUTICAL EPA ID:: CAL000472408	3040 SCIENCE PARK RD	SW 1/8 - 1/4 (0.167 mi.)	F69	650
SNH MEDICAL OFFICE P EPA ID:: CAC003086256	3040 SCIENCE PARK RD	SW 1/8 - 1/4 (0.167 mi.)	F70	653
KALYRA PHARMACEUTICA EPA ID:: CAL000413220	10835 ROAD TO THE CU	S 1/8 - 1/4 (0.178 mi.)	J74	710
MOLECULAR STETHOSCO EPA ID:: CAL000410352	10835 ROAD TO THE CU	S 1/8 - 1/4 (0.178 mi.)	J75	713
ASPEN NEUROSCIENCE EPA ID:: CAL000446689	10835 ROAD TO THE CU	S 1/8 - 1/4 (0.178 mi.)	J76	716
NEUROPORE THERAPIES	10835 ROAD TO THE CU	S 1/8 - 1/4 (0.178 mi.)	J77	718

EXECUTIVE SUMMARY

EPA ID:: CAL000364991					
ABIDE THERAPEUTICS I EPA ID:: CAL000401191	10835 ROAD TO THE CU	S 1/8 - 1/4 (0.178 mi.)	J79	723	
ERASCA INC EPA ID:: CAL000438639	10835 ROAD TO THE CU	S 1/8 - 1/4 (0.178 mi.)	J81	730	
PERSEPHONE BIOSCIENC EPA ID:: CAL000470832	10835 ROAD TO THE CU	S 1/8 - 1/4 (0.178 mi.)	J82	732	
NEUROPORE THERAPIES, EPA ID:: CAL000419796	10835 ROAD TO THE CU	S 1/8 - 1/4 (0.178 mi.)	J83	735	
ANAPTYSBIO INC EPA ID:: CAR000191171	10835 ROAD TO THE CU	S 1/8 - 1/4 (0.178 mi.)	J84	737	
LUNDBECK LA JOLLA RE EPA ID:: CAL000447535	10835 ROAD TO THE CU	S 1/8 - 1/4 (0.178 mi.)	J85	741	
ALEXANDRIA REAL ESTA EPA ID:: CAC003111076	3010 SCIENCE PARK RO	SW 1/8 - 1/4 (0.189 mi.)	K90	787	
SANFORD BURNHAM PREB EPA ID:: CAL000288400	3010 SCIENCE PARK RD	SW 1/8 - 1/4 (0.189 mi.)	K91	790	
SNH MEDICAL OFFICE P EPA ID:: CAC003044980 EPA ID:: CAC003084762	3030 SCIENCE PARK RD	SW 1/8 - 1/4 (0.209 mi.)	L102	869	
SPIN PHYSICS INC EPA ID:: CAT080031180	3099 SCIENCE PARK RD	SSW 1/8 - 1/4 (0.211 mi.)	L104	876	
NIFGI EPA ID:: CAR000050260	3115 MERRYFIELD ROW	SSW 1/8 - 1/4 (0.224 mi.)	L111	939	
NATIONAL RESILIENCE EPA ID:: CAL000468796	3115 MERRYFIELD ROW	SSW 1/8 - 1/4 (0.224 mi.)	L112	943	
858 THERAPEUTICS INC EPA ID:: CAL000469582	3115 MERRYFIELD ROW	SSW 1/8 - 1/4 (0.224 mi.)	L117	967	
KUMQUAT BIOSCIENCES EPA ID:: CAL000448063	3033 SCIENCE PARK RD	SW 1/8 - 1/4 (0.227 mi.)	L121	977	
ESCIENT PHARMACEUTIC EPA ID:: CAL000438588	3033 SCIENCE PARK RD	SW 1/8 - 1/4 (0.227 mi.)	L122	980	
SINGULAR GENOMICS SY EPA ID:: CAL000455992	3033 SCIENCE PARK RD	SW 1/8 - 1/4 (0.227 mi.)	L124	1013	
IDEAYA BIOSCIENCES EPA ID:: CAL000426600	3033 SCIENCE PARK RD	SW 1/8 - 1/4 (0.227 mi.)	L127	1021	
AVIDITY BIOSCIENCES EPA ID:: CAL000455377	3033 SCIENCE PARK RD	SW 1/8 - 1/4 (0.227 mi.)	L128	1023	
AEGIS LIFE INC. EPA ID:: CAL000460121	3033 SCIENCE PARK RD	SW 1/8 - 1/4 (0.227 mi.)	L130	1027	
SINGULAR GENOMICS SY EPA ID:: CAL000451756	3033 SCIENCE PARK RD	SW 1/8 - 1/4 (0.227 mi.)	L132	1064	
WELLSPRING BIOSCIENC EPA ID:: CAL000429400	3033 SCIENCE PARK RD	SW 1/8 - 1/4 (0.227 mi.)	L133	1066	
KALYPSYS, INC EPA ID:: CAR000060004	11099 N TORREY PINES	NW 1/8 - 1/4 (0.232 mi.)	N134	1069	
AGOURON PHARMACEUTIC	11099 N TORREY PINES	NW 1/8 - 1/4 (0.232 mi.)	N135	1073	

EXECUTIVE SUMMARY

EPA ID:: CAD983656752				
COI PHARMACEUTICALS EPA ID:: CAL000413449	11099 N TORREY PINES	NW 1/8 - 1/4 (0.232 mi.)	N136	1080
CYTEL CORP EPA ID:: CAD982410243	11099 N TORREY PINES	NW 1/8 - 1/4 (0.232 mi.)	N137	1082
BOUNDLESS BIO INC EPA ID:: CAL000448224	11099 N TORREY PINES	NW 1/8 - 1/4 (0.232 mi.)	N139	1096
EPICENTRX INC EPA ID:: CAL000435569	11099 N TORREY PINES	NW 1/8 - 1/4 (0.232 mi.)	N140	1099
SGI-DNA INC EPA ID:: CAL000384774	11099 N TORREY PINES	NW 1/8 - 1/4 (0.232 mi.)	N141	1101
GENEWIZ EPA ID:: CAL000448675	11099 N TORREY PINES	NW 1/8 - 1/4 (0.232 mi.)	N142	1104
AVELAS BIOSCIENCES EPA ID:: CAL000433399	11099 N TORREY PINES	NW 1/8 - 1/4 (0.232 mi.)	N143	1106
DERMTECH INTERNATION EPA ID:: CAL000386479	11099 N TORREY PINES	NW 1/8 - 1/4 (0.232 mi.)	N145	1139
SYNTHORX INC EPA ID:: CAL000428987	11099 N TORREY PINES	NW 1/8 - 1/4 (0.232 mi.)	N148	1169
GOSSAMER BIO INC EPA ID:: CAL000436183	3013 SCIENCE PARK RD	SW 1/8 - 1/4 (0.238 mi.)	P155	1198
THE MEDICINES COMPAN EPA ID:: CAR000269928	3013 SCIENCE PARK RO	SW 1/8 - 1/4 (0.238 mi.)	P158	1208
PHENZYME INC EPA ID:: CAL000432895	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q161	1236
STELVIO ONCOLOGY INC EPA ID:: CAL000430137	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q162	1239
MISFOLDING DIAGNOST EPA ID:: CAL000386487	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q164	1260
ACTAVALON INC EPA ID:: CAL000419551	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q165	1262
PERSEPHONE BIOME EPA ID:: CAL000429049	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q166	1265
GENEMO INC EPA ID:: CAL000420686	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q167	1267
ONCTERNAL THERAPEUTI EPA ID:: CAL000418245	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q168	1270
GENE SCIENCES INC EPA ID:: CAL000420506	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q169	1273
ORPRO THERAPEUTICS I EPA ID:: CAL000392636	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q170	1275
STEMONIX INC EPA ID:: CAL000407210	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q171	1278
DNATRIX INC, SUITE 2 EPA ID:: CAL000399573	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q172	1281
STEMIOTICS INC	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q174	1284

EXECUTIVE SUMMARY

EPA ID:: CAL000385880					
PHUSIS THERAPEUTICS EPA ID:: CAL000386047	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q175	1286	
ANIMANTIS LLC EPA ID:: CAL000399668	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q176	1289	
FORGE THERAPEUTICS I EPA ID:: CAL000405686	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q178	1293	
LINNAEUS BIOSCIENCE EPA ID:: CAL000382522	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q179	1296	
PIMERA INC EPA ID:: CAL000393740	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q180	1298	
POSEIDA THERAPEUTICS EPA ID:: CAL000404143	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q181	1301	
NOVORON BIOSCIENCE I EPA ID:: CAL000399975	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q182	1304	
SINGULAR GENOMICS SY EPA ID:: CAL000421027	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q183	1306	
ABILITA BIO INC EPA ID:: CAL000398273	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q184	1309	
VLP BIOTECH INC EPA ID:: CAL000382060	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q185	1311	
PROMINEX INC EPA ID:: CAL000432995	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q187	1316	
LIN BIOSCIENCE LLC EPA ID:: CAL000426509	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q188	1319	
PEPTIDE LOGIC LLC EPA ID:: CAL000431719	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q189	1321	
MEDITOPE BIOSCIENCES EPA ID:: CAL000401226	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q191	1327	
CAPELLA THERAPEUTICS EPA ID:: CAL000404216	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q192	1330	
JOHNSON & JOHNSON IN EPA ID:: CAL000427976	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q193	1332	
SIRENAS MARINE DISCO EPA ID:: CAL000406415	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q194	1335	
GLOBAL BIO THERAPEUT EPA ID:: CAL000430253	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q196	1355	
KORUBIO INC EPA ID:: CAL000430749	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q197	1358	
THESAN PHARMACEUTICA EPA ID:: CAL000403950	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q198	1360	
DERMALA INC EPA ID:: CAL000400779	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q199	1363	
PRIMORDIAL GENETICS EPA ID:: CAL000386151	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q201	1525	
AIM RX INC	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q202	1527	

EXECUTIVE SUMMARY

EPA ID:: CAL000407756					
LOCANA INC	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q204	1531	
EPA ID:: CAL000431012					
AMYDIS DIAGNOSTICS	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q205	1533	
EPA ID:: CAL000403533					
AEQUOR INC	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q206	1536	
EPA ID:: CAL000423841					
OMETA LABS LLC	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q207	1538	
EPA ID:: CAL000434301					
DIGITAL PROTEOMICS L	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q208	1541	
EPA ID:: CAL000429682					
ISOMMUNE LLC	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q209	1543	
EPA ID:: CAL000421574					
SIENNA LABS DBA SIEN	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q210	1546	
EPA ID:: CAL000386075					
DTX PHARMA INC	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q212	1551	
EPA ID:: CAL000430045					
XYCROBE THERAPEUTICS	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q213	1554	
EPA ID:: CAL000398943					
BIOLUM SCIENCES LLC	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q214	1557	
EPA ID:: CAL000452040					
CYTONUS THERAPEUTICS	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q215	1559	
EPA ID:: CAL000456730					
SCALE BIOSCIENCES IN	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q216	1562	
EPA ID:: CAL000457863					
NAVEGA THERAPEUTICS	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q217	1564	
EPA ID:: CAL000439514					
BASILARD BIOTECH INC	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q219	1594	
EPA ID:: CAL000466138					
PRECISION NEUROSCIEN	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q220	1597	
EPA ID:: CAL000471784					
JLABS LAB SUITE 2C P	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q221	1599	
EPA ID:: CAL000435608					
VERSAPEUTICS INC	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q222	1602	
EPA ID:: CAL000436859					
FRONTERA US PHARMAC	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q223	1604	
EPA ID:: CAL000441660					
INSMED INC	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q224	1607	
EPA ID:: CAL000468314					
GLYTR THERAPEUTICS I	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q225	1609	
EPA ID:: CAL000440374					
CREYON BIO INC	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q226	1612	
EPA ID:: CAL000456132					
SINOPIA BIOSCIENCES	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q227	1614	
EPA ID:: CAL000444636					
ENTOS PHARMACEUTICAL	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q228	1617	

EXECUTIVE SUMMARY

EPA ID:: CAL000447376					
TYRA BIOSCIENCES DBA EPA ID:: CAL000447267	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q229	1619	
MOLECULAR STETHOSCOPIA EPA ID:: CAL000444582	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q230	1622	
1859 INC EPA ID:: CAL000446428	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q231	1624	
ALUME BIOSCIENCES INC EPA ID:: CAL000442986	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q232	1627	
ONK THERAPEUTICS INC EPA ID:: CAL000458075	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q233	1629	
MOTUS BIOSCIENCES INC EPA ID:: CAL000453411	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q234	1632	
INFIXION BIOSCIENCE EPA ID:: CAL000454814	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q235	1635	
AMPLIX PHARMACEUTICALS EPA ID:: CAL000376286	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q236	1637	
ORPHI THERAPEUTICS I EPA ID:: CAL000442785	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q237	1640	
OCEANSIDE BIOTECHNOLOGY EPA ID:: CAL000441343	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q238	1642	
VELOSBIO INC EPA ID:: CAL000441333	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q239	1645	
JLABS EPA ID:: CAL000441644	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q240	1647	
LYNX BIOSCIENCES INC EPA ID:: CAL000434630	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q242	1701	
PERCEIVE BIOTHERAPEUTICS EPA ID:: CAL000463995	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q243	1704	
AUXILIUM BIOTECHNOLOGY EPA ID:: CAL000452116	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q244	1706	
IAVI EPA ID:: CAL000464409	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q246	1710	
DEGRON THERAPEUTICS EPA ID:: CAL000472828	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q247	1712	
LASSOGEN INC EPA ID:: CAL000453532	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q248	1715	
HAYA THERAPEUTICS INC EPA ID:: CAL000465797	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q249	1717	
ONCOSENX EPA ID:: CAL000453255	3210 MERRYFIELD RD R	SSE 1/8 - 1/4 (0.239 mi.)	Q250	1720	
FABRIC8LABS INC / JLABS EPA ID:: CAL000437493	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q251	1722	
LUXVITAE THERAPEUTICS EPA ID:: CAL000438839	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q252	1725	
OLIX US INC	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q253	1727	

EXECUTIVE SUMMARY

EPA ID:: CAL000444428				
PALM THERAPEUTICS IN EPA ID:: CAL000458393	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q254	1730
JLABS DBA CESSATION EPA ID:: CAL000438521	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q255	1732
PRODERMIQ, INC. EPA ID:: CAC002987607	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q256	1735
EXOSOME THERAPEUTICS EPA ID:: CAL000464537	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q257	1737
VIVREON BIOSCIENCES EPA ID:: CAL000435953	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q258	1740
PRIMUM THERAPEUTIC EPA ID:: CAL000444239	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q259	1742
SUNOMIX THERAPEUTICS EPA ID:: CAL000435823	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q260	1745
DESIGN THERAPEUTICS EPA ID:: CAL000445982	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q261	1747
VEPROBIO INC JLABS S EPA ID:: CAL000462417	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q262	1750
CYTONUS THERAPEUTICS EPA ID:: CAL000456791	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q263	1753
SCALE BIOSCIENCES IN EPA ID:: CAL000457864	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q264	1755
JLABS SAN DIEGO ICON EPA ID:: CAL000455787	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q265	1758
MABLYTICS INC EPA ID:: CAL000451935	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q266	1760
ORIGAMI THERAPEUTICS EPA ID:: CAL000440292	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q267	1763
RECODAGEN LLC EPA ID:: CAL000446110	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q268	1765
ORIOLE THERAPEUTICS EPA ID:: CAL000461306	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q269	1768
NEUROGENERATION EPA ID:: CAL000379147	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q270	1771
PLEXIUM INC. EPA ID:: CAC002966749	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q271	1773
AVANTI BIOSCIENCES I EPA ID:: CAL000437995	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q272	1776
PRODERMIQ INC EPA ID:: CAL000423907	3210 MERRYFIELD RD	SSE 1/8 - 1/4 (0.239 mi.)	Q273	1778

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CALIFORNIA MEDICAL I EPA ID:: CAL000460822	11175 FLINTKOTE AVE	E 1/8 - 1/4 (0.179 mi.)	I88	752
PROGNOSYS BIOSCIENCE	11125 FLINTKOTE AVE	ESE 1/8 - 1/4 (0.207 mi.)	M94	796

EXECUTIVE SUMMARY

EPA ID:: CAL000385236					
TRILINK BIO TECHNOLO EPA ID:: CAL000420311	11125 FLINTKOTE AVE	ESE 1/8 - 1/4 (0.207 mi.)	M95	798	
NIELSEN BIOSCIENCES, EPA ID:: CAL000430077	11125 FLINTKOTE AVEN	ESE 1/8 - 1/4 (0.207 mi.)	M96	801	
ENCODIA INC EPA ID:: CAL000431198	11125 FLINTKOTE AVE	ESE 1/8 - 1/4 (0.207 mi.)	M97	803	
GENSIGNIA LIFE SCIEN EPA ID:: CAL000395035	11125 FLINTKOTE AVE	ESE 1/8 - 1/4 (0.207 mi.)	M98	806	
LABSIMPLY INC EPA ID:: CAL000471482	11125 FLINTKOTE AVE	ESE 1/8 - 1/4 (0.207 mi.)	M99	808	
VEROGEN INC EPA ID:: CAL000431530	11111 FLINTKOTE AVE	ESE 1/8 - 1/4 (0.209 mi.)	M103	874	
AMPRION INC EPA ID:: CAL000452713	11095 FLINTKOTE AVE	ESE 1/8 - 1/4 (0.214 mi.)	M105	879	
BIOTA TECHNOLOGY EPA ID:: CAL000437380	11095 FLINTKOTE AVE	ESE 1/8 - 1/4 (0.214 mi.)	M106	882	
SARMAL INC EPA ID:: CAL000451364	11095 FLINTKOTE AVE	ESE 1/8 - 1/4 (0.214 mi.)	M107	884	
IMMUNO ACTIVA EPA ID:: CAL000425486	11095 FLINKOTE AVE S	ESE 1/8 - 1/4 (0.214 mi.)	M108	887	
ROSEWELL BIOTECHNOLO EPA ID:: CAL000431563	11095 FLINTKOTE AVE	ESE 1/8 - 1/4 (0.214 mi.)	M110	937	
TREELINE BIOSCIENCES EPA ID:: CAL000463274	11180 ROSELLE ST STE	E 1/8 - 1/4 (0.233 mi.)	O150	1176	
DISCOVERX INC EPA ID:: CAL000364130	11180 ROSELLE ST STE	E 1/8 - 1/4 (0.233 mi.)	O154	1195	

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 08/11/2022 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CAMP CALLAN		S 1/2 - 1 (0.905 mi.)	V292	2349

UXO: A listing of unexploded ordnance site locations

A review of the UXO list, as provided by EDR, and dated 12/31/2020 has revealed that there are 4 UXO sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MULTI-USE RANGE		S 1/2 - 1 (0.905 mi.)	V291	2348
SMALL ARMS AND ARTIL		S 1/2 - 1 (0.905 mi.)	V293	2352
GRENADE SM ARMS ARTI		S 1/2 - 1 (0.905 mi.)	V294	2353
LIVE GRENADE COURT B		S 1/2 - 1 (0.905 mi.)	V295	2353

EXECUTIVE SUMMARY

PFAS ECHO: Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

A review of the PFAS ECHO list, as provided by EDR, and dated 01/03/2022 has revealed that there is 1 PFAS ECHO site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DATATAPE INC SPIN PH	32.90185/-117.2388	SSW 1/8 - 1/4 (0.205 mi.)	L93	794

CA Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the CA Cortese list, as provided by EDR, and dated 09/19/2022 has revealed that there is 1 CA Cortese site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SYNTHETIC GENOMICS I Cleanup Status: COMPLETED - CASE CLOSED	3020 CALLAN RD	W 1/8 - 1/4 (0.129 mi.)	G63	467

CA HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CAL SITES]. This listing is no longer updated by the state agency.

A review of the CA HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 2 CA HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SYNTHETIC GENOMICS I Reg Id: 9UT3486	3020 CALLAN RD	W 1/8 - 1/4 (0.129 mi.)	G63	467
GENERAL ATOMICS Reg Id: 9UT1766	10955 JOHN J. HOPKIN	SSW 1/4 - 1/2 (0.493 mi.)	284	1857

CA HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the CA HWP list, as provided by EDR, and dated 08/11/2022 has revealed that there are 2 CA HWP sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GENERAL ATOMICS EPA ID: CAD067638957 Cleanup Status: CLOSED	3550 GENERAL ATOMICS	S 1/2 - 1 (0.706 mi.)	U287	1993
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SPIN PHYSICS INC. EPA ID: CAD990738981	11633 SORRENTO VALLE	NNE 1/2 - 1 (0.513 mi.)	T285	1858

EXECUTIVE SUMMARY

Cleanup Status: CLOSED

CT MANIFEST: Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

A review of the CT MANIFEST list, as provided by EDR, and dated 08/08/2022 has revealed that there are 2 CT MANIFEST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JANSSEN ROSEAREN & D EPA Id: CAR000049841	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q203	1530
JANSEN RESEARCH & DE EPA Id: CAR000049841	3210 MERRYFIELD ROW	SSE 1/8 - 1/4 (0.239 mi.)	Q245	1709

NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, and dated 01/01/2019 has revealed that there is 1 NY MANIFEST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CYTEL CORP EPA ID: CAD982410243	11099 N TORREY PINES	NW 1/8 - 1/4 (0.232 mi.)	N137	1082

CA Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the CA Notify 65 list, as provided by EDR, and dated 09/07/2022 has revealed that there are 2 CA Notify 65 sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAW SEGMENT	11080 ROSELLE ST	E 1/4 - 1/2 (0.270 mi.)	274	1781
R C YOUNG ROOFING CO	10749 ROSELLE ST	ESE 1/2 - 1 (0.836 mi.)	289	2343

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

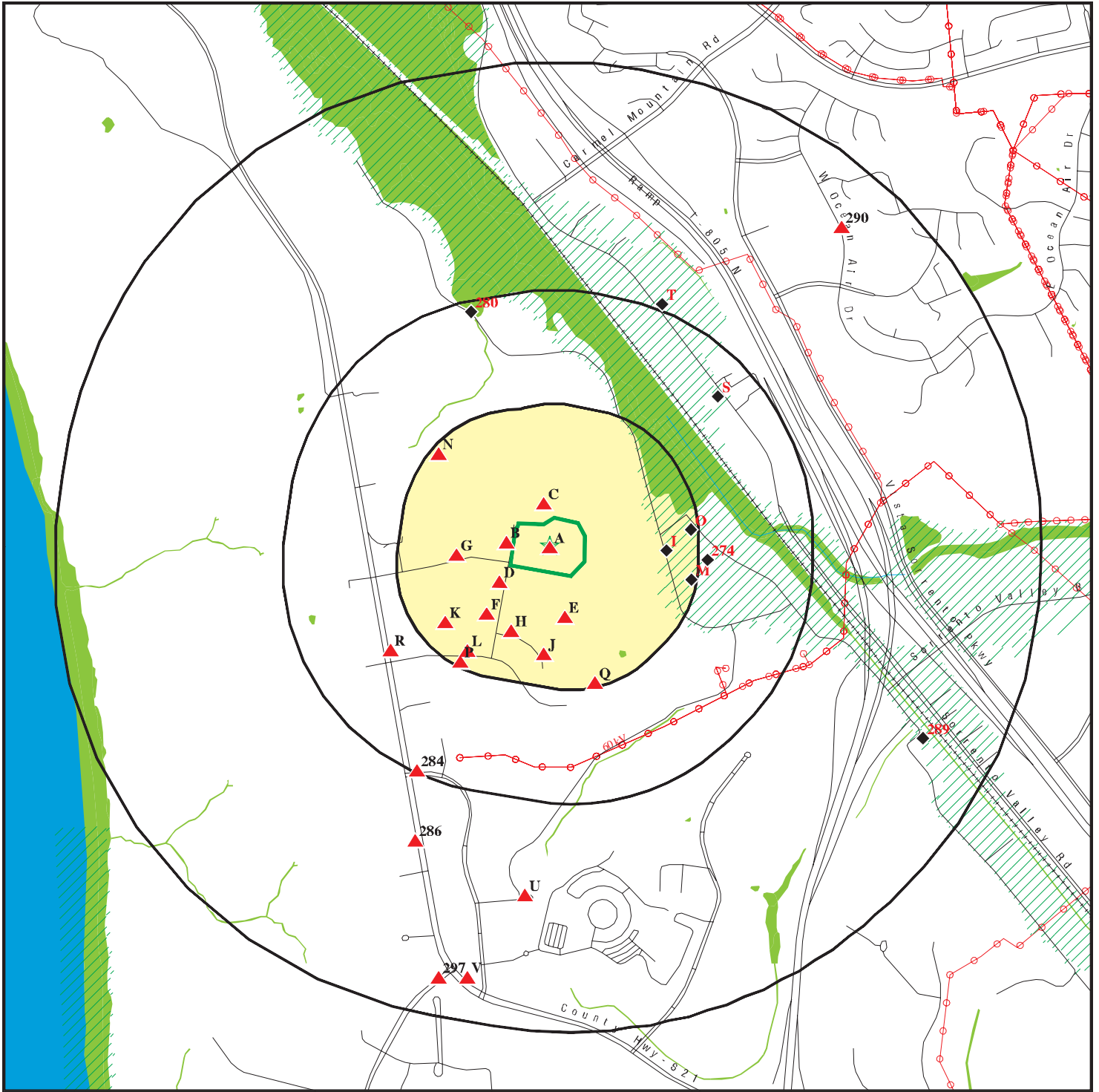
Site Name


TREELINE BIOSCIENCES, INC.
SDTCY - MWWD, PUMP STA # 29


Database(s)


CA CERS HAZ WASTE
CA San Diego Co. HMMMD

OVERVIEW MAP - 7201541.2S



 Target Property

 Sites at elevations higher than or equal to the target property

 Sites at elevations lower than the target property

 Manufactured Gas Plants

 National Priority List Sites

 Dept. Defense Sites

0 1/4 1/2 1 Miles

 Indian Reservations BIA


 Power transmission lines

 Special Flood Hazard Area (1%)

 0.2% Annual Chance Flood Hazard

 National Wetland Inventory

 State Wetlands

 Areas of Concern

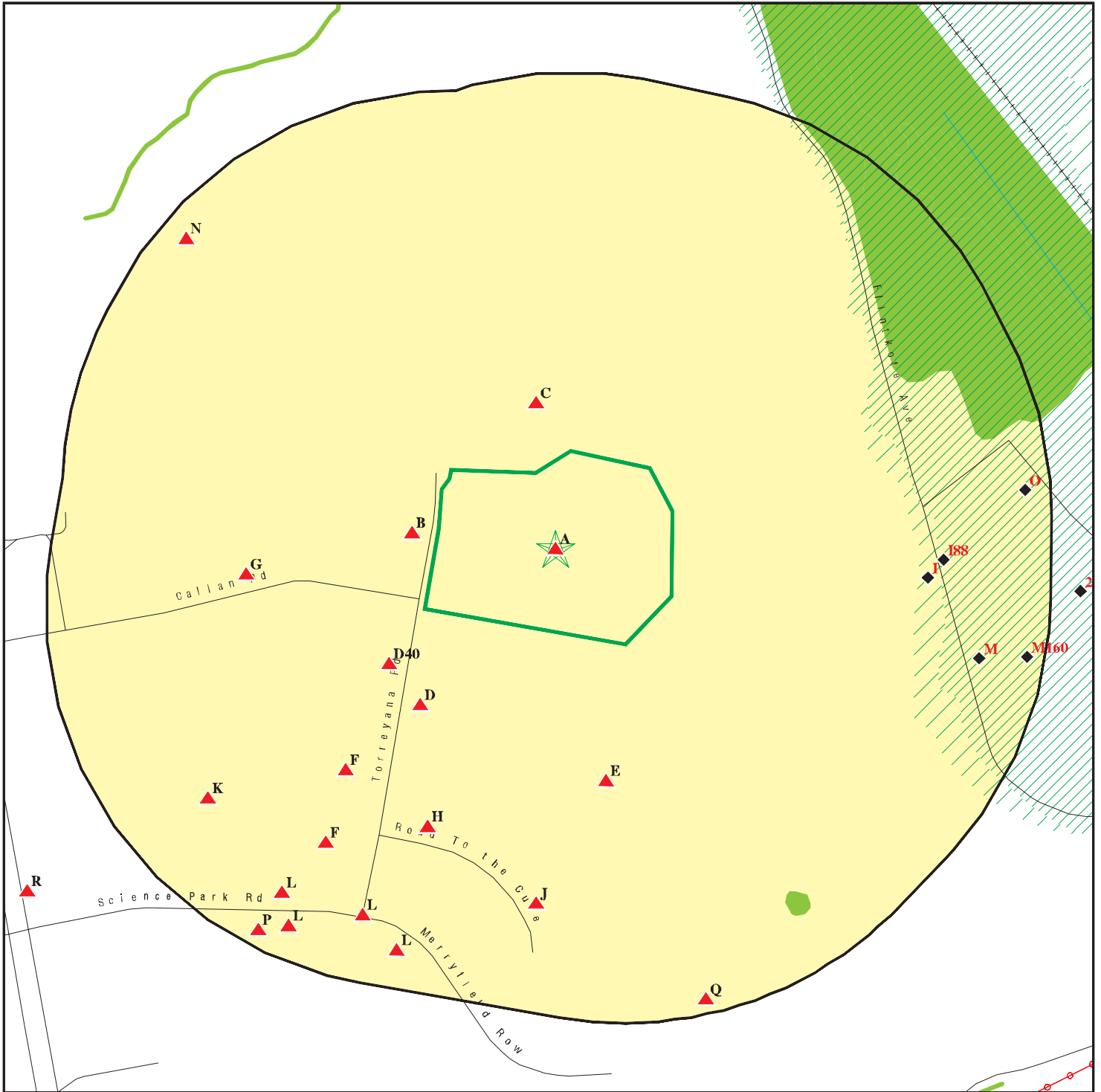


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 11011 Torreyana Road
 ADDRESS: 11011 Torreyana Road
 San Diego CA 92121
 LAT/LONG: 32.905353 / 117.23661

CLIENT: Ninyo & Moore
 CONTACT: Gabriel Haro
 INQUIRY #: 7201541.2s
 DATE: December 12, 2022 3:43 pm

DETAIL MAP - 7201541.2S



Target Property

Sites at elevations higher than or equal to the target property

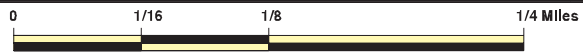
Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites



Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 11011 Torreyana Road
 ADDRESS: 11011 Torreyana Road
 San Diego CA 92121
 LAT/LONG: 32.905353 / 117.23661

CLIENT: Ninyo & Moore
 CONTACT: Gabriel Haro
 INQUIRY #: 7201541.2s
 DATE: December 12, 2022 3:45 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Lists of Federal NPL (Superfund) sites</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	1	NR	NR	1
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250	2	3	3	NR	NR	NR	8
RCRA-SQG	0.250		1	15	NR	NR	NR	16
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>Lists of state- and tribal (Superfund) equivalent sites</i>								
CA RESPONSE	1.000		0	0	0	1	NR	1
<i>Lists of state- and tribal hazardous waste facilities</i>								
CA ENVIROSTOR	1.000	1	0	1	3	6	NR	11
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
CA SWF/LF	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<i>Lists of state and tribal leaking storage tanks</i>								
CA SAN DIEGO CO. SAM	0.500	2	0	2	3	NR	NR	7
CA LUST	0.500		0	1	1	NR	NR	2
INDIAN LUST	0.500		0	0	0	NR	NR	0
CA CPS-SLIC	0.500	1	0	2	3	NR	NR	6
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
CA UST	0.250		0	0	NR	NR	NR	0
CA AST	0.250		2	3	NR	NR	NR	5
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
CA VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
CA BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
CA WMUDS/SWAT	0.500		0	0	0	NR	NR	0
CA SWRCY	0.500		0	0	0	NR	NR	0
CA HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
CA HIST Cal-Sites	1.000		0	0	0	1	NR	1
CA SCH	0.250		0	0	NR	NR	NR	0
CA CDL	TP		NR	NR	NR	NR	NR	0
CA San Diego Co. HMMD	TP	1	NR	NR	NR	NR	NR	1
CA Toxic Pits	1.000		0	0	0	0	NR	0
CA CERS HAZ WASTE	0.250	1	10	25	NR	NR	NR	36
US CDL	TP		NR	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
CA SWEEPS UST	0.250		0	0	NR	NR	NR	0
CA HIST UST	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA CERS TANKS	0.250		2	2	NR	NR	NR	4
Local Land Records								
CA LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
CA DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CA CHMIRS	TP	2	NR	NR	NR	NR	NR	2
CA LDS	TP		NR	NR	NR	NR	NR	0
CA MCS	TP		NR	NR	NR	NR	NR	0
CA SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250	5	14	159	NR	NR	NR	178
FUDS	1.000		0	0	0	1	NR	1
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	7	NR	NR	NR	NR	NR	7
UXO	1.000		0	0	0	4	NR	4
ECHO	TP	7	NR	NR	NR	NR	NR	7
DOCKET HWC	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	1	NR	NR	NR	1
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
CA PFAS	0.250		0	0	NR	NR	NR	0
CA AQUEOUS FOAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
CA Cortese	0.500		0	1	0	NR	NR	1
CA CUPA Listings	0.250		0	0	NR	NR	NR	0
CA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
CA EMI	TP		NR	NR	NR	NR	NR	0
CA ENF	TP		NR	NR	NR	NR	NR	0
CA Financial Assurance	TP		NR	NR	NR	NR	NR	0
CA ICE	TP		NR	NR	NR	NR	NR	0
CA HIST CORTESE	0.500		0	1	1	NR	NR	2
CA HWP	1.000		0	0	0	2	NR	2
CA HWT	0.250		0	0	NR	NR	NR	0
CA HAZNET	TP	9	NR	NR	NR	NR	NR	9
CT MANIFEST	0.250		0	2	NR	NR	NR	2
NY MANIFEST	0.250		0	1	NR	NR	NR	1
CA MINES	0.250		0	0	NR	NR	NR	0
CA MWMP	0.250		0	0	NR	NR	NR	0
CA NPDES	TP	1	NR	NR	NR	NR	NR	1
CA PEST LIC	TP		NR	NR	NR	NR	NR	0
CA PROC	0.500		0	0	0	NR	NR	0
CA Notify 65	1.000		0	0	1	1	NR	2
CA UIC	TP		NR	NR	NR	NR	NR	0
CA UIC GEO	TP		NR	NR	NR	NR	NR	0
CA WASTEWATER PITS	0.500		0	0	0	NR	NR	0
CA WDS	TP		NR	NR	NR	NR	NR	0
CA WIP	0.250		0	0	NR	NR	NR	0
CA MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
CA PROJECT	TP		NR	NR	NR	NR	NR	0
CA WDR	TP		NR	NR	NR	NR	NR	0
CA SAN DIEGO CO LOP	TP		NR	NR	NR	NR	NR	0
CA CIWQS	TP	1	NR	NR	NR	NR	NR	1
CA CERS	TP	2	NR	NR	NR	NR	NR	2
CA NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
CA OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
CA PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
CA SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
CA WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
CA HWTS	TP	14	NR	NR	NR	NR	NR	14

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
MINES MRDS	TP		NR	NR	NR	NR	NR	0
<u>EDR HIGH RISK HISTORICAL RECORDS</u>								
<i>EDR Exclusive Records</i>								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
CA RGA LF	TP		NR	NR	NR	NR	NR	0
CA RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		56	32	219	13	16	0	336

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

A1 **GENE THERAPY SYSTEMS INC DBA GENLANTIS** **CA HWTS** **S124892430**
Target **11011 TORREYANA RD**
Property **SAN DIEGO, CA 92121** **N/A**

Site 1 of 33 in cluster A

Actual: **HWTS:**
242 ft. **Name:** GENE THERAPY SYSTEMS INC DBA GENLANTIS
 Address: 11011 TORREYANA RD
 Address 2: Not reported
 City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000377480
 Inactive Date: 06/30/2016
 Create Date: 08/21/2012
 Last Act Date: Not reported
 Mailing Name: Not reported
 Mailing Address: 11011 TORREYANA RD
 Mailing Address 2: Not reported
 Mailing City,State,Zip: SAN DIEGO, CA 921210000
 Owner Name: GENE THERAPY SYSTEMS INC
 Owner Address: 11011 TORREYANA RD
 Owner Address 2: Not reported
 Owner City,State,Zip: SAN DIEGO, CA 921210000
 Contact Name: KAL MASRI
 Contact Address: 11011 TORREYANA RD
 Contact Address 2: Not reported
 City,State,Zip: SAN DIEGO, CA 92121
 Facility Status: Inactive
 Facility Type: PERMANENT
 Category: STATE
 Latitude: 32.90534
 Longitude: -117.23659

NAICS:
 EPA ID: CAL000377480
 Create Date: 2012-08-21 14:06:51.897
 NAICS Code: 99999
 NAICS Description: Not Otherwise Specified
 Issued EPA ID Date: 2012-08-21 14:06:51.88000
 Inactive Date: 2016-06-30 00:00:00
 Facility Name: GENE THERAPY SYSTEMS INC DBA GENLANTIS
 Facility Address: 11011 TORREYANA RD
 Facility Address 2: Not reported
 Facility City: SAN DIEGO
 Facility County: Not reported
 Facility State: CA
 Facility Zip: 92121

A2 **BIOATLA LLC** **RCRA NonGen / NLR** **1024839314**
Target **11011 TORREYANA RD**
Property **SAN DIEGO, CA 92121** **CAL000387123**

Site 2 of 33 in cluster A

Actual: **RCRA Listings:**
242 ft. **Date Form Received by Agency:** 20130703
 Handler Name: BIOATLA LLC
 Handler Address: 11011 TORREYANA RD
 Handler City,State,Zip: SAN DIEGO, CA 92121

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BIOATLA LLC (Continued)

1024839314

EPA ID:	CAL000387123
Contact Name:	MONICA SULLIVAN
Contact Address:	11011 TORREYANA RD
Contact City,State,Zip:	SAN DIEGO, CA 92121
Contact Telephone:	858-558-0708
Contact Fax:	858-558-0701
Contact Email:	MSULLIVAN@BIOATLA.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	11011 TORREYANA RD
Mailing City,State,Zip:	SAN DIEGO, CA 92121-0000
Owner Name:	BIOATLA LLC
Owner Type:	Other
Operator Name:	MONICA SULLIVAN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BIOATLA LLC (Continued)

1024839314

TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180906
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: BIOATLA LLC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11011 TORREYANA RD
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121-0000
Owner/Operator Telephone: 858-558-0708
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MONICA SULLIVAN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11011 TORREYANA RD
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-558-0708
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20130703
Handler Name: BIOATLA LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

BIOATLA LLC (Continued)

1024839314

Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 71151
 NAICS Description: INDEPENDENT ARTISTS, WRITERS, AND PERFORMERS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

**A3
 Target
 Property**

**BIODURO LLC
 11011 TORREYANA RD
 SAN DIEGO, CA 92121**

**RCRA-LQG 1000180204
 CA San Diego Co. HMMD CAD981583479
 CA CERS HAZ WASTE
 CA CHMIRS
 FINDS
 ECHO
 CA NPDES
 CA CIWQS
 CA CERS
 CA HWTS**

Site 3 of 33 in cluster A

**Actual:
 242 ft.**

RCRA Listings:

Date Form Received by Agency: 20210729
 Handler Name: BIODURO LLC
 Handler Address: 11011 TORREYANA RD
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAD981583479
 Contact Name: LES WINCHESTER
 Contact Address: TORREYANA RD
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 650-787-5643
 Contact Fax: Not reported
 Contact Email: LES.WINCHESTER@BIODURO-SUNDIA.COM
 Contact Title: ASSOCIATE DIRECTOR FACILITIES
 EPA Region: 09
 Land Type: Private
 Federal Waste Generator Description: Large Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: TORREYANA RD
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: MASSOUD TAYEBI
 Owner Type: Private
 Operator Name: ALLIANCE DIVERSIFIED
 Operator Type: Private

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

BIODURO LLC (Continued)

1000180204

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210730
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

1000180204

Biennial: List of Years

Year: 2003

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D011
Waste Description: SILVER

Waste Code: D022
Waste Description: CHLOROFORM

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: P030
Waste Description: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TANOX WEST INC
Legal Status: Private
Date Became Current: 20050110
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

1000180204

Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: TANOX WEST INC	
Legal Status:	Private
Date Became Current:	20050110
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: DEL MAR PARTNERSHIP INC	
Legal Status:	Private
Date Became Current:	19940701
Date Ended Current:	Not reported
Owner/Operator Address:	1400 MAIDEN LN
Owner/Operator City,State,Zip:	DEL MAR, CA 92014
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: IDEC PHARMACEUTICALS CORP	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11011 TORREYANA RD
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	619-550-8670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: BIOGEN IDEC INC	
Legal Status:	Private
Date Became Current:	20031112
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: MASSOUD TAYEBI	
Legal Status:	Private
Date Became Current:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

1000180204

Date Ended Current: Not reported
Owner/Operator Address: 7310 MIRAMAR RD
Owner/Operator City,State,Zip: SAN DIEGO, CA 92126
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ALLIANCE DIVERSIFIED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 7310 MIRAMAR RD
Owner/Operator City,State,Zip: SAN DIEGO, CA 92126
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TORREY SORRENTO, INC
Legal Status: Private
Date Became Current: 19850101
Date Ended Current: Not reported
Owner/Operator Address: 7835 IVANHOE
Owner/Operator City,State,Zip: LA JOLLA, CA 92037
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: BIOGEN IDEC INC
Legal Status: Private
Date Became Current: 19920709
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TSI L.P.
Legal Status: Private
Date Became Current: 19940701
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner

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BIODURO LLC (Continued)

1000180204

Owner/Operator Name: DEL MAR PARTNERSHIP INC
Legal Status: Private
Date Became Current: 19940701
Date Ended Current: Not reported
Owner/Operator Address: 1400 MAIDEN LN
Owner/Operator City,State,Zip: DEL MAR, CA 92014
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19930819
Handler Name: IDEC PHARMACEUTICALS CORP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20031208
Handler Name: BIOGEN IDEC INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20050103
Handler Name: TANOX WEST INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20090122
Handler Name: TANOX WEST INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

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BIODURO LLC (Continued)

1000180204

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20210729
Handler Name: BIODURO LLC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20040503
Handler Name: BIOGEN IDEC INC. (TORREY)
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

NAICS Code: 325414
NAICS Description: BIOLOGICAL PRODUCT (EXCEPT DIAGNOSTIC) MANUFACTURING

NAICS Code: 541715
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violation:

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20030722
Actual Return to Compliance Date: 20031022
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported

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BIODURO LLC (Continued)

1000180204

Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported

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BIODURO LLC (Continued)

1000180204

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 20030722
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20031022
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20220725
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: CUPA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

HMMD SAN DIEGO:

Name: BIODURO LLC
Address: 11011 TORREYANA RD 100
City,State,Zip: SAN DIEGO, CA 92121-1104
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAD981583479
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 858 529 6600
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 07/27/2022
Facility Owner: Not reported
Facility Mailing Address: 11011 Torreyana Rd #100, San Diego, CA 92121
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported

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BIODURO LLC (Continued)

1000180204

Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-002611
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 5639655
Return To Compliance Date: 2018-03-21T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-06-04T03:13:20.000
Inspection Date: 2017-01-10T17:07:00.000
Violation Code: 3030017 Failed to properly close hazardous waste container(s). (40 CFR 262.34(d)(2); 265.173.) 22 CCR 66262.34(d)(2)

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-002611
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 5639655
Return To Compliance Date: 2017-03-01T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-06-04T03:13:20.000
Inspection Date: 2017-01-10T17:07:00.000
Violation Code: 1020001 Employee training plan for hazardous materials management not adequate, not established or not submitted in CERS. HSC 25505(a)(4) and 25508(a)(1)(A)

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-002611
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 5639655
Return To Compliance Date: 2018-03-21T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-06-04T03:13:20.000
Inspection Date: 2017-01-10T17:07:00.000
Violation Code: 3030007 Failed to properly label/date hazardous waste container and/or tank. 22 CCR 66262.34(f)

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BIODURO LLC (Continued)

1000180204

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-002611
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 6085788
Return To Compliance Date: 2019-08-30T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-06-04T03:13:20.000
Inspection Date: 2019-07-03T00:00:00.000
Violation Code: 1010008 HMBP not certified annually as complete and accurate in CERS. HSC 25508(a)(1)(A), 25508.2, 19 CCR 2654(b)

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-002611
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 6085788
Return To Compliance Date: 2019-07-03T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-06-04T03:13:20.000
Inspection Date: 2019-07-03T00:00:00.000
Violation Code: 1010006 Failed to update HMBP in CERS within 30 days of a substantial change to any portion of the HMBP, including inventory changes or facility information. HSC 25508.1(a-f); 19 CCR 2654(d); SDCC 68.904(c)(6)

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-002611
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 5639655
Return To Compliance Date: 2017-03-01T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-06-04T03:13:20.000
Inspection Date: 2017-01-10T17:07:00.000
Violation Code: 1010005 Site map not submitted in CERS or not sufficient. HSC 25505(a)(2) and 25508(a)(1)(A)

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-002611

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BIODURO LLC (Continued)

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Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 5639655
Return To Compliance Date: 2017-03-01T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-06-04T03:13:20.000
Inspection Date: 2017-01-10T17:07:00.000
Violation Code: 1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25506; 25507; and 25508(a)(1)(A)

Waste and Materials:

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264975
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-05-22T00:52:20.000
Chemical Name: Isopropyl Alcohol 70%
Common Name: 70% Isopropyl Alcohol In Water
Case Number: 67-63-0

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264976
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-05-22T00:52:20.000
Chemical Name: Isopropyl Alcohol 99%
Common Name: 99% Isopropyl Alcohol In Water
Case Number: 67-63-0

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264977
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-05-22T00:52:20.000
Chemical Name: Tetrahydrofuran
Common Name: tetrahydrofuran
Case Number: 109-99-9

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264978
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-05-22T00:52:20.000
Chemical Name: Nitrogen
Common Name: Nitrogen
Case Number: 7727-37-9

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BIODURO LLC (Continued)

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Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264979
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-05-22T00:52:20.000
Chemical Name: Acetone
Common Name: Acetone
Case Number: 67-64-1

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264980
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-05-22T00:52:20.000
Chemical Name: Methylene Chloride
Common Name: Methylene Chloride
Case Number: 75-09-2

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264981
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-05-22T00:52:20.000
Chemical Name: Hydrogen
Common Name: Hydrogen
Case Number: 1333-74-0

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264982
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-05-22T00:52:20.000
Chemical Name: Nitrogen, Liquid
Common Name: Nitrogen, Liquid
Case Number: 7727-37-9

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0235312
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-05-22T00:52:22.000
Chemical Name: Waste Flammable Liquid
Common Name: Waste Flammable Liquid (Lab&MFG)
Case Number: Not reported

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed

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Active Permit: Y
Child Record Id: DEH2020-HWAST-0235313
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-05-22T00:52:22.000
Chemical Name: Non-RCRA Hazardous Waste Solid
Common Name: Lab Debris Solid Hazardous Waste
Case Number: Not reported

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0235314
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-05-22T00:52:22.000
Chemical Name: Waste Flammable Liquid
Common Name: Waste Toxic Liquid Process Mixture (DCM)
Case Number: Not reported

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132682
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-05-12T02:30:27.000
Chemical Name: Isopropyl Alcohol 70%
Common Name: 70% Isopropyl Alcohol In Water
Case Number: 67-63-0

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132683
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-05-12T02:30:27.000
Chemical Name: Isopropyl Alcohol 99%
Common Name: 99% Isopropyl Alcohol In Water
Case Number: 67-63-0

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132684
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-05-12T02:30:27.000
Chemical Name: Hazardous Flammable Liquid
Common Name: Hazardous Flammable Liquid
Case Number: Not reported

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0111038

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BIODURO LLC (Continued)

1000180204

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-05-12T02:30:27.000
Chemical Name: Waste 902 Infectious Waste Sharps
Common Name: Sharps
Case Number: Not reported

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0111039
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-05-12T02:30:27.000
Chemical Name: Hazardous Liquid Waste (Solvent/API Contaminated)
Common Name: Hazardous Liquid Waste (Solvent/API Contaminated)
Case Number: Not reported

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0111040
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-05-12T02:30:27.000
Chemical Name: Solid Waste (API Contaminated)
Common Name: Solid Waste (API Contaminated)
Case Number: Not reported

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309819
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-03-22T02:32:07.000
Chemical Name: Isopropyl Alcohol 70%
Common Name: 70% Isopropyl Alcohol In Water
Case Number: 67-63-0

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309820
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-03-22T02:32:07.000
Chemical Name: Isopropyl Alcohol 99%
Common Name: 99% Isopropyl Alcohol In Water
Case Number: 67-63-0

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309822
Trade Secret: N
Hazardous Material Type: Pure

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Last Updated: 2022-03-22T02:32:07.000
Chemical Name: Hydrogen
Common Name: Hydrogen
Case Number: 1333-74-0

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309824
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-03-22T02:32:07.000
Chemical Name: Nitrogen
Common Name: Nitrogen
Case Number: 7727-37-9

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309825
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-03-22T02:32:07.000
Chemical Name: Acetone
Common Name: Acetone
Case Number: 67-64-1

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309826
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-03-22T02:32:07.000
Chemical Name: Methylene Chloride
Common Name: Methylene Chloride
Case Number: 75-09-2

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277795
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-22T02:32:07.000
Chemical Name: Waste Flammable Liquid
Common Name: Waste Flammable Liquid (Lab&MFG)
Case Number: Not reported

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277796
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-22T02:32:07.000
Chemical Name: Non-RCRA Hazardous Waste Solid

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Common Name: Lab Debris Solid Hazardous Waste
Case Number: Not reported

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277797
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-22T02:32:07.000
Chemical Name: Waste Flammable Liquid
Common Name: Waste Toxic Liquid Process Mixture (DCM)
Case Number: Not reported

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277798
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-22T02:32:07.000
Chemical Name: Hazardous Waste Solid Sharps
Common Name: Waste - Chemical Sharps
Case Number: Not reported

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0225319
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-04-03T02:39:10.000
Chemical Name: Isopropyl Alcohol 70%
Common Name: 70% Isopropyl Alcohol In Water
Case Number: 67-63-0

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0225320
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-04-03T02:39:10.000
Chemical Name: Isopropyl Alcohol 99%
Common Name: 99% Isopropyl Alcohol In Water
Case Number: 67-63-0

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0225321
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-04-03T02:39:10.000
Chemical Name: Tetrahydrofuran
Common Name: tetrahydrofuran
Case Number: 109-99-9

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1000180204

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0225322
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-04-03T02:39:10.000
Chemical Name: coolant
Common Name: coolant
Case Number: Not reported

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0225323
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-04-03T02:39:10.000
Chemical Name: Nitrogen
Common Name: Nitrogen
Case Number: 7727-37-9

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0225324
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-04-03T02:39:10.000
Chemical Name: Acetone
Common Name: Acetone
Case Number: 67-64-1

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0195190
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-04-03T02:39:10.000
Chemical Name: Hazardous Flammable Liquid - containing tetrahydrofuran solution
Common Name: Hazardous Flammable Liquid - containing tetrahydrofuran solution
Case Number: Not reported

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0195191
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-04-03T02:39:10.000
Chemical Name: waste oil
Common Name: waste oil
Case Number: Not reported

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

1000180204

Active Permit: Y
Child Record Id: DEH2018-HCHEM-0174848
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-09T02:32:57.000
Chemical Name: Methylene Chloride
Common Name: Methylene Chloride
Case Number: 75-09-2

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0174849
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-09T02:32:57.000
Chemical Name: 1,2-propanediol
Common Name: 1,2-propanediol
Case Number: 57-55-6

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0174850
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-09T02:32:57.000
Chemical Name: Tetrahydrofuran
Common Name: tetrahydrofuran
Case Number: 109-99-9

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0174851
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-09T02:32:57.000
Chemical Name: coolant
Common Name: coolant
Case Number: Not reported

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0174852
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-09T02:32:57.000
Chemical Name: Acetone
Common Name: Acetone
Case Number: 67-64-1

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0149392

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

1000180204

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-09T02:32:57.000
Chemical Name: Hazardous Liquid Waste (Solvent)
Common Name: Hazardous Liquid Waste (Solvent)
Case Number: Not reported

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0174843
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-09T02:32:57.000
Chemical Name: Isopropyl Alcohol 70%
Common Name: 70% Isopropyl Alcohol In Water
Case Number: 67-63-0

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0174844
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-09T02:32:57.000
Chemical Name: Isopropyl Alcohol 99%
Common Name: 99% Isopropyl Alcohol In Water
Case Number: 67-63-0

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0174845
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-09T02:32:57.000
Chemical Name: Nitrogen
Common Name: Nitrogen
Case Number: 7727-37-9

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0174846
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-09T02:32:57.000
Chemical Name: Hydrogen
Common Name: Hydrogen
Case Number: 1333-74-0

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0174847
Trade Secret: N
Hazardous Material Type: Pure

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

BIODURO LLC (Continued)

1000180204

Last Updated: 2019-04-09T02:32:57.000
Chemical Name: Carbon Dioxide
Common Name: Carbon Dioxide
Case Number: 124-38-9

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0149393
Trade Secret: N

Hazardous Material Type: Not reported
Last Updated: 2019-04-09T02:32:57.000
Chemical Name: Solid Hazardous Waste (non-RCRA pharm lab waste)
Common Name: Solid Hazardous Waste (non-RCRA pharm lab waste)
Case Number: Not reported

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0149394
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-09T02:32:57.000
Chemical Name: Hazardous Flammable Liquid - containing tetrahydrofuran solution
Common Name: Hazardous Flammable Liquid - containing tetrahydrofuran solution
Case Number: Not reported

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0149395
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-09T02:32:57.000
Chemical Name: waste oil
Common Name: waste oil
Case Number: Not reported

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283137
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-04-22T02:37:29.000
Chemical Name: Nitrogen, Liquid
Common Name: Nitrogen, Liquid
Case Number: 7727-37-9

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283138
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-04-22T02:37:29.000
Chemical Name: Nitrogen

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

1000180204

Common Name: Nitrogen
Case Number: 7727-37-9

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283139
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-04-22T02:37:29.000
Chemical Name: Acetone
Common Name: Acetone
Case Number: 67-64-1

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283140
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-04-22T02:37:29.000
Chemical Name: Methylene Chloride
Common Name: Methylene Chloride
Case Number: 75-09-2

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0251812
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-04-22T02:37:29.000
Chemical Name: Hazardous Waste Solid Sharps
Common Name: Waste - Chemical Sharps
Case Number: Not reported

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0251813
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-04-22T02:37:29.000
Chemical Name: Waste Flammable Liquid
Common Name: Waste Toxic Liquid Process Mixture (DCM)
Case Number: Not reported

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0251814
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-04-22T02:37:29.000
Chemical Name: Non-RCRA Hazardous Waste Solid
Common Name: Lab Debris Solid Hazardous Waste
Case Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

1000180204

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0251815
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-04-22T02:37:29.000
Chemical Name: Waste Flammable Liquid
Common Name: Waste Flammable Liquid (Lab&MFG)
Case Number: Not reported

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0235315
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-05-22T00:52:22.000
Chemical Name: Hazardous Waste Solid Sharps
Common Name: Waste - Chemical Sharps
Case Number: Not reported

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309821
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-03-22T02:32:07.000
Chemical Name: Tetrahydrofuran
Common Name: tetrahydrofuran
Case Number: 109-99-9

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309823
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-03-22T02:32:07.000
Chemical Name: Nitrogen, Liquid
Common Name: Nitrogen, Liquid
Case Number: 7727-37-9

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277799
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-22T02:32:07.000
Chemical Name: WASTE - Biohazardous sharps
Common Name: Medcial waste sharps
Case Number: Not reported

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

1000180204

Active Permit: Y
Child Record Id: DEH2021-HWAST-0277800
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-22T02:32:07.000
Chemical Name: WASTE - Infectious medical waste
Common Name: Medical red-bag biohazardous waste
Case Number: Not reported

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277801
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-22T02:32:07.000
Chemical Name: Regulated liquid medical waste
Common Name: Bleached and sewerred liquid biowaste
Case Number: Not reported

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283141
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-04-22T02:37:29.000
Chemical Name: Hydrogen
Common Name: Hydrogen
Case Number: 1333-74-0

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283142
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-04-22T02:37:29.000
Chemical Name: Tetrahydrofuran
Common Name: tetrahydrofuran
Case Number: 109-99-9

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283143
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-04-22T02:37:29.000
Chemical Name: Isopropyl Alcohol 99%
Common Name: 99% Isopropyl Alcohol In Water
Case Number: 67-63-0

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283144

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

1000180204

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-04-22T02:37:29.000
Chemical Name: Isopropyl Alcohol 70%
Common Name: 70% Isopropyl Alcohol In Water
Case Number: 67-63-0

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0251809
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-04-22T02:37:29.000
Chemical Name: Regulated liquid medical waste
Common Name: Bleached and sewerred liquid biowaste
Case Number: Not reported

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0251810
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-04-22T02:37:29.000
Chemical Name: WASTE - Infectious medical waste
Common Name: Medical red-bag biohazardous waste
Case Number: Not reported

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0251811
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-04-22T02:37:29.000
Chemical Name: WASTE - Biohazardous sharps
Common Name: Medical waste sharps
Case Number: Not reported

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0225325
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-04-03T02:39:10.000
Chemical Name: Methylene Chloride
Common Name: Methylene Chloride
Case Number: 75-09-2

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0225326
Trade Secret: N
Hazardous Material Type: Pure

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

1000180204

Last Updated: 2020-04-03T02:39:10.000
Chemical Name: Hydrogen
Common Name: Hydrogen
Case Number: 1333-74-0

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0195188
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-04-03T02:39:10.000
Chemical Name: Hazardous Liquid Waste (Solvent)
Common Name: Hazardous Liquid Waste (Solvent)
Case Number: Not reported

Record ID: DEH2016-HUPFP-002611
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0195189
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-04-03T02:39:10.000
Chemical Name: Solid Hazardous Waste (non-RCRA pharm lab waste)
Common Name: Solid Hazardous Waste (non-RCRA pharm lab waste)
Case Number: Not reported

Name: TANOX WEST INC
Address: 11011 TORREYANA RD
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 205116
Business Type: 6HK67
EPA Id Number: CAD981583479
APN: 340-010-29-00
Last HMMD Inspection: 02/21/2007
Facility Telephone: 858-373-3656
Permit Status: INAC
Permit Expiration: 11/30/2007
Date Last Updated: 11/02/2012
Facility Owner: TANOX WEST INC
Facility Mailing Address: 11011 TORREYANA RD
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Y
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Violations Inactive Permits:
Permit Number: 205116
Update Date: 11/02/2012
Inspection Date: 02/21/2007
Violation Code: 6HV0221

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

1000180204

Violation: DID NOT COMPLY W/SATELLITE REGS.
Violation Citation: Failed to comply with satellite regulations. 66262.34(e)
Activity: Inactive Permit

Name: BD INTEGRATED DIAGNOSTIC SOLUTIONS 11011
Address: 11011 TORREYANA RD 244
City,State,Zip: SAN DIEGO, CA 92121-1104
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000313770
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 858-795-7827
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 06/14/2022
Facility Owner: Not reported
Facility Mailing Address: 10865 Road to the Cure #200, San Diego, CA 92121
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Waste and Materials:

Record ID: DEH2016-HUPFP-002827
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0266658
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-07-09T02:36:49.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Case Number: Not reported

Record ID: DEH2016-HUPFP-002827
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0266659
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-07-09T02:36:49.000
Chemical Name: Waste, Infectious Sharps
Common Name: Waste, Infectious Sharps
Case Number: Not reported

Record ID: DEH2016-HUPFP-002827
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0266660
Trade Secret: N

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

1000180204

Hazardous Material Type: Not reported
Last Updated: 2021-07-09T02:36:49.000
Chemical Name: Waste, Biohazardous Liquid
Common Name: Waste, Biohazardous Liquid
Case Number: Not reported

Record ID: DEH2016-HUPFP-002827
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0266661
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-07-09T02:36:49.000
Chemical Name: Waste, Lab Debris Solid
Common Name: Waste, Lab Debris Solid
Case Number: Not reported

Name: IDEC PHARMACEUTICALS CORP
Address: 11011 TORREYANA RD
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 114775
Business Type: 6HK67
EPA Id Number: CAD981583479
APN: 340-010-29-00
Last HMMD Inspection: 07/22/2003
Facility Telephone: 858-431-8500
Permit Status: INAC
Permit Expiration: 11/30/2004
Date Last Updated: 11/02/2012
Facility Owner: IDEC PHARMACEUTICALS CORP
Facility Mailing Address: 11011 TORREYANA RD
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121-
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Violations Inactive Permits:

Permit Number: 114775
Update Date: 11/02/2012
Inspection Date: 07/22/2003
Violation Code: 6HV0139
Violation: NO BIENNIAL REPORT TO DTSC
Violation Citation: Generator has not submitted the biennial report to CAL-EPA as required and maintained a copy on site for review. CCR 66262.40, 66262.41
Activity: Inactive Permit

Name: TANOX WEST INC
Address: 11011 TORREYANA RD
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 205116

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

1000180204

Business Type: 6HK67
EPA Id Number: CAD981583479
APN: 340-010-29-00
Last HMMI Inspection: 02/21/2007
Facility Telephone: 858-373-3656
Permit Status: INAC
Permit Expiration: 11/30/2007
Date Last Updated: 11/02/2012
Facility Owner: TANOX WEST INC
Facility Mailing Address: 11011 TORREYANA RD
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Y
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Violations Inactive Permits:

Permit Number: 205116
Update Date: 11/02/2012
Inspection Date: 02/21/2007
Violation Code: 6HV0221
Violation: DID NOT COMPLY W/SATELLITE REGS.
Violation Citation: Failed to comply with satellite regulations. 66262.34(e)
Activity: Inactive Permit

CERS HAZ WASTE:

Name: REVELATION BIOSCIENCES
Address: 11011 TORREYANA RD STE 102
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 572322
CERS ID: 10864630
CERS Description: Hazardous Waste Generator

Name: BD INTEGRATED DIAGNOSTIC SOLUTIONS 11011
Address: 11011 TORREYANA RD STE 244
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 573400
CERS ID: 10686991
CERS Description: Hazardous Waste Generator

Name: BIODURO LLC
Address: 11011 TORREYANA RD #100
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 369601
CERS ID: 10510693
CERS Description: Hazardous Waste Generator

Name: BIODURO LLC
Address: 11011 TORREYANA RD #100
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 369601

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

1000180204

CERS ID: 10510693
CERS Description: RCRA LQ HW Generator

CHMIRS:

Name: Not reported
Address: 11011 TORREYANA RD
City,State,Zip: SAN DIEGO, CA 92121
OES Incident Number: 2-5876
OES notification: 10/31/2002
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA DOT PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Facility Telephone: Not reported
Waterway Involved: No
Waterway: Storm Drain To Soil
Spill Site: Not reported
Cleanup By: Contractor
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: Not reported
Year: 2002
Agency: IDEC-Pharmaceutical
Incident Date: 10/31/200212:00:00 AM
Admin Agency: San Diego County Health Services Dept.
Amount: Not reported
Contained: Yes
Site Type: Other
E Date: Not reported
Substance: Minncare Reverse Osmosis Membrane Disinfectant
Gallons: 2
Unknown: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

1000180204

Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Substance was released when contain fell to the ground during unloading. 20% Hydrogen peroxide 4% peracetic-acid. Note: Substance went to storm drain that leads to soil area. Soil is currently being removed no water was affected.

FINDS:

Registry ID: 110070592635

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110002723349

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000180204
Registry ID:	110002723349
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002723349
Name:	BIODURO LLC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

1000180204

Address: 11011 TORREYANA RD
City,State,Zip: SAN DIEGO, CA 92121

NPDES:

Name: TANOX WEST INC
Address: 11011 TORREYANA RD
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 5F37IN602159
Regulatory Measure Type: Industrial
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Undetermined
Status Date: 09/04/2012
Operator Name: Tanox West Inc
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported
Operator Zip: Not reported

CIWQS:

Name: BIOGEN IDEC INC
Address: 11011 TORREYANA RD
City,State,Zip: SAN DIEGO, CA 92121
Agency: Genentech Inc
Agency Address: 1 Antibody Way, Oceanside, CA 92056
Place/Project Type: Industrial - Biological Products, Except Diagnostic Substances
SIC/NAICS: 2836
Region: 9
Program: INDSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 9 371010764
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 12/01/1993
Termination Date: 01/05/2005
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

1000180204

TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 32.90502
Longitude: -117.23813

Name: TANOX WEST INC
Address: 11011 TORREYANA RD
City,State,Zip: SAN DIEGO, CA 92121
Agency: tanox west inc
Agency Address: 10555 Stella Link Rd, Houston, TX 77025
Place/Project Type: Industrial - Pharmaceutical Preparations
SIC/NAICS: 2834
Region: 9
Program: INDSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 9 371019266
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 01/12/2005
Termination Date: 01/30/2009
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 32.90502
Longitude: -117.23813

CERS:
Name: BIODURO LLC
Address: 11011 TORREYANA RD #100
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 369601
CERS ID: 10510693
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 369601
Site Name: BioDuro LLC
Violation Date: 01-10-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 03/21/2018.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

1000180204

Site ID: 369601
Site Name: BioDuro LLC
Violation Date: 07-03-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 08/30/2019. Inspection Sequence ID:6085788
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 369601
Site Name: BioDuro LLC
Violation Date: 01-10-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 03/01/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 369601
Site Name: BioDuro LLC
Violation Date: 01-10-2017
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: Returned to compliance on 03/21/2018.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 369601
Site Name: BioDuro LLC
Violation Date: 07-03-2019
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 07/03/2019. Inspection Sequence ID:6085788
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

BIODURO LLC (Continued)

1000180204

Site ID: 369601
Site Name: BioDuro LLC
Violation Date: 01-10-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 03/01/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 369601
Site Name: BioDuro LLC
Violation Date: 01-10-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 03/01/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 03-21-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5930745
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-03-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Olson Matthew Inspection ID:6085788
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-10-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5639655
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-21-2018
Violations Found: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

1000180204

Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5930745
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-10-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5639655
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-03-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Olson Matthew Inspection ID:6085788
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 11011 Torreyana rd #100
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Robert Chavez
Entity Title: Consultant
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: BioDuro LLC
Entity Title: Not reported
Affiliation Address: 11011 Torreyana rd
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 431-6085,

Affiliation Type Desc: Parent Corporation
Entity Name: BioDuro

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

1000180204

Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Les Winchester
Entity Title: Not reported
Affiliation Address: 11011 Torreyana Rd #100
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: Alliance Diversified
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: United States
Affiliation Zip: Not reported
Affiliation Phone: (619) 977-7225,

Affiliation Type Desc: Document Preparer
Entity Name: Robert Chavez
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: BioDuro LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 431-6085,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

1000180204

Name: REVELATION BIOSCIENCES
Address: 11011 TORREYANA RD STE 102
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 572322
CERS ID: 10864630
CERS Description: Chemical Storage Facilities

Affiliation:

Affiliation Type Desc: Parent Corporation
Entity Name: Revelation Biosciences
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Kat Stemmer
Entity Title: Not reported
Affiliation Address: 5150 Baxter St
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92117
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
Entity Name: Kat Stemmer
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 11011 Torreyana Rd, Suite 102
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

1000180204

Affiliation Type Desc: Identification Signer
Entity Name: Kat Stemmer
Entity Title: Facilities Consultant
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: James Rolke
Entity Title: Not reported
Affiliation Address: 11581 West Tortoise Trail
Affiliation City: Tucson
Affiliation State: AZ
Affiliation Country: United States
Affiliation Zip: 85743
Affiliation Phone: (617) 777-0592,

Affiliation Type Desc: Operator
Entity Name: Revelation Biosciences
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (619) 540-8245,

Name: BD INTEGRATED DIAGNOSTIC SOLUTIONS 11011
Address: 11011 TORREYANA RD STE 244
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 573400
CERS ID: 10686991
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-03-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Griffin Donelle Inspection ID:5600805
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Anastasiya Gonzalez
Entity Title: Not reported
Affiliation Address: 11011 Torreyana Rd Ste 244
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

1000180204

Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: H. Scott Tillinghast, Occupational Services, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 11011 Torreyana Rd Ste 244
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: BD Integrated Diagnostic Solutions
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 795-7827,

Affiliation Type Desc: Identification Signer
Entity Name: CATHERINE FERNANDEZ
Entity Title: DIRECTOR, R&D POC Diagnostic Systems
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: BD Integrated Diagnostic Solutions
Entity Title: Not reported
Affiliation Address: 11011 Torreyana Rd Ste 244
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 812-8422,

Affiliation Type Desc: Parent Corporation
Entity Name: BD Integrated Diagnostic Solutions
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

BIODURO LLC (Continued)

1000180204

Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

HWTS:

Name: PHARMA FARM
Address: 11011 TORREYANA RD
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000380643
Inactive Date: 06/30/2013
Create Date: 11/30/2012
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 11011 TORREYANA RD
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: AKELA PHARMA INC
Owner Address: 11011 TORREYANA RD
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 92121
Contact Name: RUDY EMMELOT
Contact Address: 11011 TORREYANA RD
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 32.90534
Longitude: -117.23659

NAICS:

EPA ID: CAL000380643
Create Date: 2012-11-30 10:33:38.597
NAICS Code: 325412
NAICS Description: Pharmaceutical Preparation Manufacturing
Issued EPA ID Date: 2012-11-30 10:33:38.59300
Inactive Date: 2013-06-30 00:00:00
Facility Name: PHARMA FARM
Facility Address: 11011 TORREYANA RD
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 92121

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

A4 REVELATION BIOSCIENCES INC
Target 11011 TORREYANA RD STE 102
Property SAN DIEGO, CA 92121

ECHO 1026759196
N/A

Site 4 of 33 in cluster A

Actual:
242 ft.

ECHO:
Envid: 1026759196
Registry ID: 110071052532
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110071052532>
Name: REVELATION BIOSCIENCES INC
Address: 11011 TORREYANA RD STE 102
City,State,Zip: SAN DIEGO, CA 92121

A5 FORMEX LLC
Target 11011 TORREYANA RD STE 100
Property SAN DIEGO, CA 92121

CA HAZNET S117311244
CA HWTS N/A

Site 5 of 33 in cluster A

Actual:
242 ft.

HAZNET:
Name: FORMEX LLC
Address: 11011 TORREYANA RD STE 100
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 921211104
Contact: CARLOS FLORES
Telephone: 8585296600
Mailing Name: Not reported
Mailing Address: 11011 TORREYANA RD STE 100

Year: 2019
Gepaid: CAL000383582
TSD EPA ID: CAD008302903
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Tons: 1.35750

Year: 2019
Gepaid: CAL000383582
TSD EPA ID: CAD008302903
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Tons: 0.58250

Year: 2019
Gepaid: CAL000383582
TSD EPA ID: CAD008302903
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.20000

Year: 2019
Gepaid: CAL000383582
TSD EPA ID: CAD008302903
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.20000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

FORMEX LLC (Continued)

S117311244

Year:	2019
Gepaid:	CAL000383582
TSD EPA ID:	CAD008302903
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	5.55000
Year:	2019
Gepaid:	CAL000383582
TSD EPA ID:	TXD000838896
CA Waste Code:	311 - Pharmaceutical waste
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.00750
Year:	2019
Gepaid:	CAL000383582
TSD EPA ID:	CAD008302903
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	1.60000
Year:	2018
Gepaid:	CAL000383582
TSD EPA ID:	CAD008302903
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	2.28500
Year:	2018
Gepaid:	CAL000383582
TSD EPA ID:	CAD008302903
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	1.80000
Year:	2018
Gepaid:	CAL000383582
TSD EPA ID:	CAD008302903
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	2.12500

[Click this hyperlink](#) while viewing on your computer to access 34 additional CA HAZNET: record(s) in the EDR Site Report.

Detail Two:

Year:	2019
EM Manifest ID:	279565
Shipment Date:	1/28/2019
Receipt Date:	2/19/2019
Manifest Number:	001660713VES
Generator EPA ID:	CAL000383582
Name:	FORMEX, LLC
Address:	11011 TORREYANA RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

FORMEX LLC (Continued)

S117311244

Address 2: Not reported
City: SAN DIEGO
Zip: 92121-1104
Telephone: 877-818-0087
Contact: Not reported
Contact Telephone: 858-529-6600
Transporter 1 EPA ID: NJD080631369
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: ALR000007237
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: TXD000838896
TSDf Name: VEOLIA ES TECHNICAL SOLUTIONS
TSDf Address 1: 7665 HWY 73
TSDf Address 2: Not reported
TSDf City: PORT ARTHUR
TSDf Zip: 77640-2563
TSDf Telephone: Not reported

State:
Year: 2019
EM Manifest ID: 279565
Generator EPA ID: CAL000383582
Shipment Date: 2019-01-28
Manifest Number: 001660713VES
Line Number: 1
Method Code: H040
Quantity Tons: 0.00750
Quantity Waste: 15.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 311

Detail Two:
Year: 2018
EM Manifest ID: f47ab886-128b-4b6d-88e0-6cf15547daed
Shipment Date: 8/13/2018
Receipt Date: 8/28/2018
Manifest Number: 001248097VES
Generator EPA ID: CAL000383582
Name: FORMEX, LLC
Address: 11011 TORREYANA RD
Address 2: Not reported
City: SAN DIEGO
Zip: 92121-1104
Telephone: 877-818-0087
Contact: Not reported
Contact Telephone: 858-529-6600
Transporter 1 EPA ID: NJD080631369
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: ALR000007237
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: TXD000838896
TSDf Name: VEOLIA ES TECHNICAL SOLUTIONS
TSDf Address 1: 7665 HWY 73

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FORMEX LLC (Continued)

S117311244

TSDf Address 2: Not reported
TSDf City: PORT ARTHUR
TSDf Zip: 77640-2563
TSDf Telephone: Not reported

State:

Year: 2018
EM Manifest ID: f47ab886-128b-4b6d-88e0-6cf15547daed
Generator EPA ID: CAL000383582
Shipment Date: 2018-08-13
Manifest Number: 001248097VES
Line Number: 1
Method Code: H040
Quantity Tons: 0.03000
Quantity Waste: 60.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 311

Year: 2018
EM Manifest ID: f47ab886-128b-4b6d-88e0-6cf15547daed
Generator EPA ID: CAL000383582
Shipment Date: 2018-08-13
Manifest Number: 001248097VES
Line Number: 2
Method Code: H040
Quantity Tons: 0.20000
Quantity Waste: 400.000000
Quantity Unit: P
Number of Containers: 4
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 311

Year: 2018
EM Manifest ID: 001356577VES20180301_D_1
Shipment Date: 3/1/2018
Receipt Date: 3/23/2018
Manifest Number: 001356577VES
Generator EPA ID: CAL000383582
Name: FORMEX LLC
Address: Not reported
Address 2: Not reported
City: Not reported
Zip: Not reported
Telephone: Not reported
Contact: Not reported
Contact Telephone: Not reported
Transporter 1 EPA ID: NJD080631369
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: ALR000007237
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: TXD000838896
TSDf Name: VEOLIA ES TECHNICAL SOLUTIONS
TSDf Address 1: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

FORMEX LLC (Continued)

S117311244

TSDf Address 2: Not reported
TSDf City: Not reported
TSDf Zip: Not reported
TSDf Telephone: Not reported

State:

Year: 2018
EM Manifest ID: 001356577VES20180301_D_1
Generator EPA ID: CAL000383582
Shipment Date: 2018-03-01
Manifest Number: 001356577VES
Line Number: 1
Method Code: H040
Quantity Tons: 0.00500
Quantity Waste: 10.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
State Code: 311

Year: 2018
EM Manifest ID: 001356577VES20180301_D_1
Generator EPA ID: CAL000383582
Shipment Date: 2018-03-01
Manifest Number: 001356577VES
Line Number: 2
Method Code: H040
Quantity Tons: 0.02000
Quantity Waste: 40.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
State Code: 311

Year: 2018
EM Manifest ID: 201649
Shipment Date: 11/13/2018
Receipt Date: 12/11/2018
Manifest Number: 001403755VES
Generator EPA ID: CAL000383582
Name: FORMEX, LLC
Address: 11011 TORREYANA RD
Address 2: Not reported
City: SAN DIEGO
Zip: 92121-1104
Telephone: 877-818-0087
Contact: Not reported
Contact Telephone: 858-529-6600
Transporter 1 EPA ID: NJD080631369
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: ALR000007237
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: TXD000838896
TSDf Name: VEOLIA ES TECHNICAL SOLUTIONS
TSDf Address 1: 7665 HWY 73

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FORMEX LLC (Continued)

S117311244

TSDf Address 2: Not reported
TSDf City: PORT ARTHUR
TSDf Zip: 77640-2563
TSDf Telephone: Not reported
State:
Year: 2018
EM Manifest ID: 201649
Generator EPA ID: CAL000383582
Shipment Date: 2018-11-13
Manifest Number: 001403755VES
Line Number: 1
Method Code: H040
Quantity Tons: 0.06000
Quantity Waste: 120.000000
Quantity Unit: P
Number of Containers: 2
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 311

Year: 2018
EM Manifest ID: 201649
Generator EPA ID: CAL000383582
Shipment Date: 2018-11-13
Manifest Number: 001403755VES
Line Number: 2
Method Code: H040
Quantity Tons: 0.02000
Quantity Waste: 40.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 311

Additional Info:

Year: 2017
Gen EPA ID: CAL000383582
Shipment Date: 20171214
Creation Date: 8/12/2018 18:30:07
Receipt Date: 20171227
Manifest ID: 001361867VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

FORMEX LLC (Continued)

S117311244

Waste Quantity: 400
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171214
Creation Date: 8/12/2018 18:30:07
Receipt Date: 20171227
Manifest ID: 001361867VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.6
Waste Quantity: 1200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171130
Creation Date: 6/13/2018 18:30:39
Receipt Date: 20171213
Manifest ID: 001361829VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.6
Waste Quantity: 1200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171130

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

FORMEX LLC (Continued)

S117311244

Creation Date: 6/13/2018 18:30:39
Receipt Date: 20171213
Manifest ID: 001361829VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171114
Creation Date: 6/28/2018 18:30:22
Receipt Date: 20171127
Manifest ID: 001361984VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171114
Creation Date: 6/28/2018 18:30:22
Receipt Date: 20171127
Manifest ID: 001361984VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FORMEX LLC (Continued)

S117311244

TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171114
Creation Date: 6/28/2018 18:30:22
Receipt Date: 20171127
Manifest ID: 001361984VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.3
Waste Quantity: 600
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171114
Creation Date: 6/28/2018 18:30:22
Receipt Date: 20171127
Manifest ID: 001361984VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FORMEX LLC (Continued)

S117311244

Quantity Tons: 0.8
Waste Quantity: 1600
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171027
Creation Date: 5/30/2018 18:33:39
Receipt Date: 20171107
Manifest ID: 001256966VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.075
Waste Quantity: 150
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171027
Creation Date: 5/30/2018 18:33:39
Receipt Date: 20171107
Manifest ID: 001256966VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.4
Waste Quantity: 800
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FORMEX LLC (Continued)

S117311244

Additional Info:

Year: 2016
Gen EPA ID: CAL000383582

Shipment Date: 20151119
Creation Date: 1/21/2016 22:16:05
Receipt Date: 20151201
Manifest ID: 001083065VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.4
Waste Quantity: 800
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151119
Creation Date: 1/21/2016 22:16:05
Receipt Date: 20151201
Manifest ID: 001083065VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.035
Waste Quantity: 70
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150805
Creation Date: 10/6/2015 22:15:06
Receipt Date: 20150811
Manifest ID: 000974609VES

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FORMEX LLC (Continued)

S117311244

Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.4
Waste Quantity: 800
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150618
Creation Date: 8/31/2015 22:15:34
Receipt Date: 20150629
Manifest ID: 001039108VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D001
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 1.2
Waste Quantity: 2400
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150421
Creation Date: 7/8/2015 22:15:08
Receipt Date: 20150505
Manifest ID: 001039213VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

FORMEX LLC (Continued)

S117311244

RCRA Code: F003
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.4
Waste Quantity: 800
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150115
Creation Date: 4/1/2015 22:15:12
Receipt Date: 20150127
Manifest ID: 000897835VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 1.6
Waste Quantity: 3200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150115
Creation Date: 4/1/2015 22:15:12
Receipt Date: 20150127
Manifest ID: 000897835VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0375
Waste Quantity: 75
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FORMEX LLC (Continued)

S117311244

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150115
Creation Date: 4/1/2015 22:15:12
Receipt Date: 20150127
Manifest ID: 000897835VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect

Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2015
Gen EPA ID: CAL000383582

Shipment Date: 20151119
Creation Date: 1/21/2016 22:16:05
Receipt Date: 20151201
Manifest ID: 001083065VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.035
Waste Quantity: 70
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FORMEX LLC (Continued)

S117311244

Shipment Date: 20151119
Creation Date: 1/21/2016 22:16:05
Receipt Date: 20151201
Manifest ID: 001083065VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.4
Waste Quantity: 800
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150805
Creation Date: 10/6/2015 22:15:06
Receipt Date: 20150811
Manifest ID: 000974609VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.4
Waste Quantity: 800
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150618
Creation Date: 8/31/2015 22:15:34
Receipt Date: 20150629
Manifest ID: 001039108VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FORMEX LLC (Continued)

S117311244

Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D001
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 1.2
Waste Quantity: 2400
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150421
Creation Date: 7/8/2015 22:15:08
Receipt Date: 20150505
Manifest ID: 001039213VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.4
Waste Quantity: 800
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150115
Creation Date: 4/1/2015 22:15:12
Receipt Date: 20150127
Manifest ID: 000897835VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0375
Waste Quantity: 75

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

FORMEX LLC (Continued)

S117311244

Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150115
Creation Date:	4/1/2015 22:15:12
Receipt Date:	20150127
Manifest ID:	000897835VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F003
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150115
Creation Date:	4/1/2015 22:15:12
Receipt Date:	20150127
Manifest ID:	000897835VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.6
Waste Quantity:	3200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

FORMEX LLC (Continued)

S117311244

Additional Info:

Year: 2014
Gen EPA ID: CAL000383582

Shipment Date: 20141027
Creation Date: 12/26/2014 22:14:59
Receipt Date: 20141103
Manifest ID: 000897584VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140804
Creation Date: 9/23/2014 22:15:15
Receipt Date: 20140812
Manifest ID: 000655207VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140714
Creation Date: 8/26/2014 22:15:12
Receipt Date: 20140721
Manifest ID: 000655016VES
Trans EPA ID: NJD080631369

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FORMEX LLC (Continued)

S117311244

Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 3
Waste Quantity: 6000
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140522
Creation Date: 7/22/2014 22:15:05
Receipt Date: 20140604
Manifest ID: 000654912VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140325
Creation Date: 5/19/2014 22:14:53
Receipt Date: 20140401
Manifest ID: 000654774VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMEX LLC (Continued)

S117311244

RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 1
Waste Quantity: 2000
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported
Shipment Date: 20140303
Creation Date: 4/30/2014 22:15:09
Receipt Date: 20140313
Manifest ID: 000654701VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.4
Waste Quantity: 800
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported
Additional Info:
Year: 2013
Gen EPA ID: CAL000383582
Shipment Date: 20131028
Creation Date: 12/4/2013 22:15:12
Receipt Date: 20131106
Manifest ID: 000587254VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

FORMEX LLC (Continued)

S117311244

Quantity Tons: 1.5
Waste Quantity: 3000
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20131003
Creation Date: 12/4/2013 22:15:05
Receipt Date: 20131017
Manifest ID: 000587149VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.075
Waste Quantity: 150
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20131003
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000587149VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

FORMEX LLC (Continued)

S117311244

Additional Code 5:	Not reported
Shipment Date:	20131003
Creation Date:	12/4/2013 22:15:05
Receipt Date:	20131017
Manifest ID:	000587149VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131003
Creation Date:	12/4/2013 22:15:05
Receipt Date:	20131017
Manifest ID:	000587149VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F003
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.8
Waste Quantity:	1600
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131003
Creation Date:	12/4/2013 22:15:05
Receipt Date:	20131017
Manifest ID:	000587149VES
Trans EPA ID:	NJD080631369

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FORMEX LLC (Continued)

S117311244

Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: FORMEX LLC
Address: 11011 TORREYANA RD STE 100
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000383582
Inactive Date: 06/30/2017
Create Date: 03/15/2013
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 11011 TORREYANA RD
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 921211104
Owner Name: FORMEX LLC
Owner Address: 11011 TORREYANA RD
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 921211104
Contact Name: LES WINCHESTER
Contact Address: 11011 TORREYANA RD
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 32.90534
Longitude: -117.23659

NAICS:

EPA ID: CAL000383582
Create Date: 2013-03-15 12:46:44.573
NAICS Code: 325412
NAICS Description: Pharmaceutical Preparation Manufacturing
Issued EPA ID Date: 2013-03-15 12:46:44.56000
Inactive Date: 2017-06-30 00:00:00
Facility Name: FORMEX LLC
Facility Address: 11011 TORREYANA RD STE 100
Facility Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

FORMEX LLC (Continued)

S117311244

Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 921211104

**A6
Target
Property**

**BIOGEN IDEC
11011 TORREYANA
SAN DIEGO, CA 92121**

**CA SAN DIEGO CO. SAM S108406964
N/A**

Site 6 of 33 in cluster A

**Actual:
242 ft.**

SAN DIEGO CO. SAM:
Name: BIOGEN IDEC
Address: 11011 TORREYANA
City,State,Zip: SAN DIEGO, CA 92121
Case Number: H14775-001
Agency: DEH Site Assessment & Mitigation
Funding: XV
Facility Type: Soils Only
Facility Status: Closed Case
Date: 3/24/2005
Date Began: Not reported

**A7
Target
Property**

**BIOGEN IDEC
11011 ORREYANA RD
SAN DIEGO, CA 92121**

**CA SAN DIEGO CO. SAM S108086962
CA CPS-SLIC N/A
CA CERS**

Site 7 of 33 in cluster A

**Actual:
242 ft.**

SAN DIEGO CO. SAM:
Name: BIOGEN IDEC
Address: 11011 ORREYANA RD
City,State,Zip: SAN DIEGO, CA 92121
Case Number: H14775-002
Agency: DEH Site Assessment & Mitigation
Funding: CA
Facility Type: Soils Only
Facility Status: Closed Case
Date: 4/12/2006
Date Began: 6/7/1999

CPS-SLIC:
Name: BIOGEN IDEC
Address: 11011 ORREYANA RD
City,State,Zip: SAN DIEGO, CA 92121
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 04/12/2006
Global Id: T06019797153
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H14775-002
Latitude: 32.905631
Longitude: -117.236585
Case Type: Cleanup Program Site
Case Worker: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

BIOGEN IDEC (Continued)

S108086962

Local Agency: Not reported
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Soil
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

CERS:

Name: BIOGEN IDEC
Address: 11011 ORREYANA RD
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 214376
CERS ID: T06019797153
CERS Description: Cleanup Program Site

**A8
Target
Property**

**CELULANA INC.
11011 TORREYANA RD STE 200
SAN DIEGO, CA 92121**

**FINDS 1023367385
N/A**

Site 8 of 33 in cluster A

**Actual:
242 ft.**

FINDS:
Registry ID: 110066650270

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**A9
Target
Property**

**BD INTEGRATED DIAGNOSTIC SOLUTIONS
11011 TORREYANA RD STE 244
SAN DIEGO, CA 92121**

**CA HWTS S127126936
N/A**

Site 9 of 33 in cluster A

**Actual:
242 ft.**

HWTS:
Name: BD INTEGRATED DIAGNOSTIC SOLUTIONS
Address: 11011 TORREYANA RD STE 244
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000461666
Inactive Date: Not reported
Create Date: 04/07/2021
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 10865 ROAD TO THE CURE STE 200
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 92121142
Owner Name: BD DIAGNOSTICS - POINT OF CARE
Owner Address: 10865 ROAD TO THE CURE STE 200
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 92121142

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

BD INTEGRATED DIAGNOSTIC SOLUTIONS (Continued)

S127126936

Contact Name: ANASTASIYA GONZALEZ
 Contact Address: 10975 TORREYANA RD
 Contact Address 2: Not reported
 City,State,Zip: SAN DIEGO, CA 92121
 Facility Status: Active
 Facility Type: PERMANENT
 Category: STATE
 Latitude: 33.920982
 Longitude: -117.882848

NAICS:
 EPA ID: CAL000461666
 Create Date: 2021-04-07 09:45:53.900
 NAICS Code: 541715
 NAICS Description: Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)

Issued EPA ID Date: 2021-04-07 09:45:53.89300
 Inactive Date: Not reported
 Facility Name: BD INTEGRATED DIAGNOSTIC SOLUTIONS
 Facility Address: 11011 TORREYANA RD STE 244
 Facility Address 2: Not reported
 Facility City: SAN DIEGO
 Facility County: Not reported
 Facility State: CA
 Facility Zip: 92121

**A10
 Target
 Property**

**TANOX WEST INC
 11011 TORREYANA RD
 SAN DIEGO, CA 92121**

**CA HAZNET S123614021
 CA HWTS N/A**

Site 10 of 33 in cluster A

**Actual:
 242 ft.**

HAZNET:
 Name: BIODURO LLC
 Address: 11011 TORREYANA RD STE 100
 Address 2: Not reported
 City,State,Zip: SAN DIEGO, CA 92121
 Contact: LES WINCHESTER
 Telephone: 6507875643
 Mailing Name: Not reported
 Mailing Address: 11011 TORREYANA RD STE 100

Year: 2021
 Gepaid: CAD981583479
 TSD EPA ID: INR000127621
 CA Waste Code: 352 - Other organic solids
 Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
 Tons: 0.0425

Year: 2021
 Gepaid: CAD981583479
 TSD EPA ID: NVT330010000
 CA Waste Code: 512 - Other empty containers 30 gallons or more
 Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
 Tons: 0.02

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

Year:	2011
Gepaid:	CAD981583479
TSD EPA ID:	CAD044429835
CA Waste Code:	133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.211
Year:	2011
Gepaid:	CAD981583479
TSD EPA ID:	CAD044429835
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	3.955
Year:	2011
Gepaid:	CAD981583479
TSD EPA ID:	CAD044429835
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.125
Year:	2008
Gepaid:	CAD981583479
TSD EPA ID:	CAD059494310
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons:	0.187
Year:	2008
Gepaid:	CAD981583479
TSD EPA ID:	CAD059494310
CA Waste Code:	141 - Off-specification, aged or surplus inorganics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.22935
Year:	2008
Gepaid:	CAD981583479
TSD EPA ID:	CAD059494310
CA Waste Code:	141 - Off-specification, aged or surplus inorganics
Disposal Method:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons:	0.68805
Year:	2008
Gepaid:	CAD981583479
TSD EPA ID:	CAD059494310
CA Waste Code:	122 - Alkaline solution without metals pH >= 12.5
Disposal Method:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons:	0.22935
Year:	2008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

Gepaid: CAD981583479
TSD EPA ID: CAD044429835
CA Waste Code: 122 - Alkaline solution without metals pH >= 12.5
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.6672

[Click this hyperlink](#) while viewing on your computer to access 131 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year: 2011
Gen EPA ID: CAD981583479

Shipment Date: 20110615
Creation Date: 5/17/2012 8:38:54
Receipt Date: 20110621
Manifest ID: 004928035FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SERVICES INC
TSD EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSD EPA Alt ID: Not reported
TSD EPA Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.155
Waste Quantity: 310
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110615
Creation Date: 5/17/2012 8:39:31
Receipt Date: 20110615
Manifest ID: 004420003FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSD EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSD EPA Alt ID: Not reported
TSD EPA Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 3.8

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

Waste Quantity: 1000
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110615
Creation Date: 5/17/2012 8:38:54
Receipt Date: 20110621
Manifest ID: 004928035FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SERVICES INC
TSDf EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.211
Waste Quantity: 422
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110419
Creation Date: 10/1/2011 18:30:46
Receipt Date: 20110419
Manifest ID: 003906817FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D007
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.125
Waste Quantity: 250
Quantity Unit: P
Additional Code 1: D006
Additional Code 2: D005
Additional Code 3: D004
Additional Code 4: D001
Additional Code 5: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

TANOX WEST INC (Continued)

S123614021

Additional Info:

Year:	2008
Gen EPA ID:	CAD981583479
Shipment Date:	20081223
Creation Date:	4/8/2009 18:30:38
Receipt Date:	20090106
Manifest ID:	000960723FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES INC
TSDf EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.0625
Waste Quantity:	125
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081223
Creation Date:	3/31/2009 18:30:22
Receipt Date:	20090108
Manifest ID:	000960722FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES INC
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081223
Creation Date:	3/31/2009 18:30:22
Receipt Date:	20090108

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

Manifest ID: 000960722FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SERVICES INC
TSDF EPA ID: CAD059494310
Trans Name: CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 141 - Off-specification, aged, or surplus inorganics
RCRA Code: Not reported
Meth Code: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)

Quantity Tons: 0.4587
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20081223
Creation Date: 3/31/2009 18:30:22
Receipt Date: 20090108
Manifest ID: 000960722FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SERVICES INC
TSDF EPA ID: CAD059494310
Trans Name: CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 141 - Off-specification, aged, or surplus inorganics
RCRA Code: D002
Meth Code: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)

Quantity Tons: 0.22935
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20081223
Creation Date: 4/8/2009 18:30:46
Receipt Date: 20081231
Manifest ID: 000960727FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SERVICES INC
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC

Map ID
Direction
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Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

TANOX WEST INC (Continued)

S123614021

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20081223
Creation Date: 4/8/2009 18:30:46
Receipt Date: 20081231
Manifest ID: 000960727FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SERVICES INC
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.01
Waste Quantity: 20
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20081223
Creation Date: 4/8/2009 18:30:46
Receipt Date: 20081231
Manifest ID: 000960727FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SERVICES INC
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 141 - Off-specification, aged, or surplus inorganics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.035

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

Waste Quantity: 70
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20081222
Creation Date: 5/11/2009 18:30:37
Receipt Date: 20090105
Manifest ID: 000960739FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEANHARBORS ENV SERVICES INC
TSDf EPA ID: TXD055141378
Trans Name: CLEAN HARBORS DEER PARK LP
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: D002
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.02085
Waste Quantity: 5
Quantity Unit: G
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20081222
Creation Date: 5/11/2009 18:30:37
Receipt Date: 20090105
Manifest ID: 000960739FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEANHARBORS ENV SERVICES INC
TSDf EPA ID: TXD055141378
Trans Name: CLEAN HARBORS DEER PARK LP
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.209
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20081222

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

Creation Date: 5/11/2009 18:30:37
Receipt Date: 20090105
Manifest ID: 000960739FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEANHARBORS ENV SERVICES INC
TSDF EPA ID: TXD055141378
Trans Name: CLEAN HARBORS DEER PARK LP
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: Not reported
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.374
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2007
Gen EPA ID: CAD981583479

Shipment Date: 20071218
Creation Date: 7/16/2008 18:30:41
Receipt Date: 20080107
Manifest ID: 003796114JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENVIO
TSDF EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20071218
Creation Date: 7/16/2008 18:30:41
Receipt Date: 20080107
Manifest ID: 003796114JJK
Trans EPA ID: CAR000070540

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

Trans Name: ADVANCED CHEMICAL TRANSPORT INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENVIO
TSDf EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: D001
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.0185
Waste Quantity: 37
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20071218
Creation Date: 7/16/2008 18:30:41
Receipt Date: 20080107
Manifest ID: 003796114JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENVIO
TSDf EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.612
Waste Quantity: 170
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20071218
Creation Date: 7/16/2008 18:30:41
Receipt Date: 20080107
Manifest ID: 003796114JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENVIO
TSDf EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D001

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.047
Waste Quantity: 94
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20071218
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 003796114JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENVIO
TSDf EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: Not reported
Waste Quantity: Not reported
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20070927
Creation Date: 2/4/2008 18:30:32
Receipt Date: 20071015
Manifest ID: 002954241JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC
Trans 2 EPA ID: CAD983649880
Trans 2 Name: GENERAL ENVIRONMENTAL MANAGEMENT INC
TSDf EPA ID: CAD980884183
Trans Name: GEM RANCHO CORDOVA LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

Additional Code 5:	Not reported
Shipment Date:	20070927
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	002954241JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	513 - Empty containers less than 30 gallons
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.044
Waste Quantity:	88
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070927
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	002954241JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0825
Waste Quantity:	165
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070927
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	002954241JJK
Trans EPA ID:	CAR000070540

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

Trans Name: ADVANCED CHEMICAL TRANSPORT INC
Trans 2 EPA ID: CAD983649880
Trans 2 Name: GENERAL ENVIRONMENTAL MANAGEMENT INC
TSDf EPA ID: CAD980884183
Trans Name: GEM RANCHO CORDOVA LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.1335
Waste Quantity: 267
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20070927
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 002954241JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC
Trans 2 EPA ID: CAD983649880
Trans 2 Name: GENERAL ENVIRONMENTAL MANAGEMENT INC
TSDf EPA ID: CAD980884183
Trans Name: GEM RANCHO CORDOVA LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.038
Waste Quantity: 10
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2006
Gen EPA ID: CAD981583479

Shipment Date: 20060918
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000374631JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC
Trans 2 EPA ID: NED986382133
Trans 2 Name: SMITH SYSTEMS TRANSPORTATION

Map ID
Direction
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Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

TANOX WEST INC (Continued)

S123614021

TSDF EPA ID: ARD069748192
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D009
Meth Code: - Not reported
Quantity Tons: 0.02085
Waste Quantity: 5
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20060918
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000374631JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC
Trans 2 EPA ID: NED986382133
Trans 2 Name: SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID: ARD069748192
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: - Not reported
Quantity Tons: 0.01
Waste Quantity: 20
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20060918
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000374631JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC
Trans 2 EPA ID: NED986382133
Trans 2 Name: SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID: ARD069748192
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 122 - Alkaline solution without metals (pH > 12.5)
RCRA Code: D002
Meth Code: - Not reported
Quantity Tons: Not reported
Waste Quantity: Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060918
Creation Date:	5/6/2008 18:30:17
Receipt Date:	20061106
Manifest ID:	000374631JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION
TSDf EPA ID:	ARD069748192
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060918
Creation Date:	5/6/2008 18:30:17
Receipt Date:	20061106
Manifest ID:	000374631JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION
TSDf EPA ID:	ARD069748192
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060918
Creation Date:	5/6/2008 18:30:17

Map ID
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

Receipt Date: 20061106
Manifest ID: 000374631JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC
Trans 2 EPA ID: NED986382133
Trans 2 Name: SMITH SYSTEMS TRANSPORTATION
TSDf EPA ID: ARD069748192
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D008
Meth Code: - Not reported
Quantity Tons: 0.01
Waste Quantity: 20
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20060918
Creation Date: 5/6/2008 18:30:17
Receipt Date: 20061106
Manifest ID: 000374631JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC
Trans 2 EPA ID: NED986382133
Trans 2 Name: SMITH SYSTEMS TRANSPORTATION
TSDf EPA ID: ARD069748192
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: - Not reported
Quantity Tons: 0.01
Waste Quantity: 20
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20060918
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000374631JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC
Trans 2 EPA ID: NED986382133
Trans 2 Name: SMITH SYSTEMS TRANSPORTATION
TSDf EPA ID: ARD069748192
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID: Not reported

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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: P105
Meth Code: - Not reported
Quantity Tons: 0.01
Waste Quantity: 20
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20060918
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000374631JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC
Trans 2 EPA ID: NED986382133
Trans 2 Name: SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID: ARD069748192
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 0.103
Waste Quantity: 206
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20060918
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000374631JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC
Trans 2 EPA ID: NED986382133
Trans 2 Name: SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID: ARD069748192
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 122 - Alkaline solution without metals (pH > 12.5)
RCRA Code: D002
Meth Code: - Not reported
Quantity Tons: Not reported
Waste Quantity: Not reported
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2004
Gen EPA ID: CAD981583479

Shipment Date: Not reported
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 23453477
Trans EPA ID: ILD047267364
Trans Name: ADCOM EXPRESS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: TERIS
TSDf Alt EPA ID: CAD044429835
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.209
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: Not reported
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 23453477
Trans EPA ID: ILD047267364
Trans Name: ADCOM EXPRESS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: TERIS
TSDf Alt EPA ID: CAD044429835
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.231
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: Not reported

Map ID
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MAP FINDINGS

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Database(s) EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	23453328
Trans EPA ID:	ILD047267364
Trans Name:	ADCOM EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	TERIS
TSDf Alt EPA ID:	CAD044429835
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D011
Meth Code:	- Not reported
Quantity Tons:	0.099
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	23453240
Trans EPA ID:	ILD047267364
Trans Name:	ADCOM EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	TERIS
TSDf Alt EPA ID:	CAD044429835
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.21
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040723
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040728
Manifest ID:	23453137
Trans EPA ID:	ILD047267364
Trans Name:	ADCOM EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	TERIS

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EDR ID Number
EPA ID Number
Database(s)

TANOX WEST INC (Continued)

S123614021

TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D011
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.099
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20040723
Creation Date: 11/1/2004 12:36:11
Receipt Date: 20040728
Manifest ID: 23453137
Trans EPA ID: ILD047267364
Trans Name: ADCOM EXPRESS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: TERIS
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 351 - Organic solids with halogens
RCRA Code: D022
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.1715
Waste Quantity: 343
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20040723
Creation Date: 11/1/2004 12:36:11
Receipt Date: 20040728
Manifest ID: 23453137
Trans EPA ID: ILD047267364
Trans Name: ADCOM EXPRESS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: TERIS
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 123 - Unspecified alkaline solution
RCRA Code: D002
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.10425
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: Not reported

Map ID
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040723
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040728
Manifest ID:	23453137
Trans EPA ID:	ILD047267364
Trans Name:	ADCOM EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	TERIS
TSDf Alt EPA ID:	CAD044429835
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	NON
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040723
Creation Date:	1/4/2005 18:33:27
Receipt Date:	20040802
Manifest ID:	23453139
Trans EPA ID:	ILD047267364
Trans Name:	ADCOM EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDf Alt EPA ID:	CAD982444481
TSDf Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	NON
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.105
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040618
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040628
Manifest ID:	23452947

Map ID
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MAP FINDINGS

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Database(s)
EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

Trans EPA ID: ILD047267364
Trans Name: ADCOM EXPRESS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: CAD982444481
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: NON
Meth Code: H01 - Transfer Station
Quantity Tons: 0.231
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2003
Gen EPA ID: CAD981583479

Shipment Date: Not reported
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 22476016
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D002
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.02085
Waste Quantity: 5
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: Not reported
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 22018551
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835

Map ID
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MAP FINDINGS

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Database(s)
EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.36
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	22476016
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.3215
Waste Quantity:	643
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	22476016
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	22476016
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD044429835
TSDf Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.3753
Waste Quantity:	90
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	22476229
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD044429835
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.1668
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

Manifest ID:	22476229
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D022
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	22476229
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	351 - Organic solids with halogens
RCRA Code:	D002
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.2505
Waste Quantity:	501
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	22476229
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported

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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D011
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.165
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: Not reported
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 22476229
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: CAD044429835
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.417
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2002
Gen EPA ID: CAD981583479

Shipment Date: Not reported
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 22092058
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D002
Meth Code: - Not reported
Quantity Tons: 0.1251
Waste Quantity: 30

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Database(s)
EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	21838221
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	22092084
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	1.008
Waste Quantity:	280
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported

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Database(s)
EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

Receipt Date:	Not reported
Manifest ID:	22092084
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	22092058
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.046
Waste Quantity:	92
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021219
Creation Date:	3/25/2003 18:31:49
Receipt Date:	Not reported
Manifest ID:	22092058
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 0.1251
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20021219
Creation Date: 3/25/2003 18:31:49
Receipt Date: Not reported
Manifest ID: 22092058
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 0.1905
Waste Quantity: 381
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20021219
Creation Date: 3/31/2003 18:31:15
Receipt Date: 20021227
Manifest ID: 22092057
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.252
Waste Quantity: 60
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20021219
Creation Date: 3/25/2003 18:31:49
Receipt Date: Not reported
Manifest ID: 22092058
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: - Not reported
Quantity Tons: 0.198
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20021219
Creation Date: 3/25/2003 18:31:49
Receipt Date: Not reported
Manifest ID: 22092058
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: - Not reported
Quantity Tons: 0.22935
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2001
Gen EPA ID: CAD981583479

Shipment Date: 20011128

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

Creation Date: 2/13/2002 0:00:00
Receipt Date: 20011205
Manifest ID: 21204363
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: CAD044429835
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.2125
Waste Quantity: 425
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20011128
Creation Date: 2/13/2002 0:00:00
Receipt Date: 20011205
Manifest ID: 21204363
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: CAD044429835
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.1251
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20011128
Creation Date: 2/13/2002 0:00:00
Receipt Date: 20011205
Manifest ID: 21204363
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.2085
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20011113
Creation Date: 1/16/2002 0:00:00
Receipt Date: 20011116
Manifest ID: 21204325
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD088504881
Trans Name: Not reported
TSDF Alt EPA ID: CAD088504881
TSDF Alt Name: Not reported
Waste Code Description: 141 - Off-specification, aged, or surplus inorganics
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.015
Waste Quantity: 30
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20011113
Creation Date: 1/16/2002 0:00:00
Receipt Date: 20011116
Manifest ID: 21204325
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD088504881
Trans Name: Not reported
TSDF Alt EPA ID: CAD088504881
TSDF Alt Name: Not reported
Waste Code Description: 141 - Off-specification, aged, or surplus inorganics
RCRA Code: D002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.015
Waste Quantity: 30
Quantity Unit: P
Additional Code 1: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011106
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011114
Manifest ID:	21204310
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD044429835
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011106
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011114
Manifest ID:	21204310
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD044429835
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011016
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011024
Manifest ID:	21204226

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD044429835
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011009
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011017
Manifest ID:	21204215
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD044429835
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011009
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011017
Manifest ID:	21204215
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD044429835
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

RCRA Code: D011
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.2085
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2000
Gen EPA ID: CAD981583479

Shipment Date: 20001113
Creation Date: 2/1/2001 0:00:00
Receipt Date: 20001115
Manifest ID: 98395252
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481
Trans Name: Not reported
TSDf Alt EPA ID: CAD982444481
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 0.8428
Waste Quantity: 1
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20001113
Creation Date: 2/1/2001 0:00:00
Receipt Date: 20001115
Manifest ID: 98395252
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481
Trans Name: Not reported
TSDf Alt EPA ID: CAD982444481
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.1375
Waste Quantity: 275
Quantity Unit: P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001109
Creation Date:	1/24/2001 0:00:00
Receipt Date:	20001120
Manifest ID:	98395599
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD044429835
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.221
Waste Quantity:	53
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001109
Creation Date:	1/24/2001 0:00:00
Receipt Date:	20001120
Manifest ID:	98395599
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD044429835
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.0875
Waste Quantity:	175
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001018
Creation Date:	1/12/2001 0:00:00
Receipt Date:	20001030

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

TANOX WEST INC (Continued)

S123614021

Manifest ID:	99683170
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.1668
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001018
Creation Date:	1/12/2001 0:00:00
Receipt Date:	20001030
Manifest ID:	99683170
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.0208
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001018
Creation Date:	1/12/2001 0:00:00
Receipt Date:	20001030
Manifest ID:	99683170
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D011
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20001018
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 99683170
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: OKD981588791
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: CAD044429835
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20001018
Creation Date: 1/12/2001 0:00:00
Receipt Date: 20001030
Manifest ID: 99683170
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: OKD981588791
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: CAD044429835
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.4378
Waste Quantity: 105
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000828
Creation Date: 10/30/2000 0:00:00
Receipt Date: 20000911
Manifest ID: 20458174
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: OKD981588791
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: CAD044429835
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D011
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: BIODURO LLC
Address: 11011 TORREYANA RD STE 100
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAD981583479
Inactive Date: Not reported
Create Date: 04/10/1987
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 11011 TORREYANA RD STE 100
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: ALLIANCE DIVERSIFIED
Owner Address: 7301 MIRAMAR STE 500
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 92126
Contact Name: LES WINCHESTER
Contact Address: 11011 TORREYANA RD STE 100
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Active
Facility Type: PERMANENT
Category: FEDERAL
Latitude: 32.90499
Longitude: -117.238132

NAICS:

EPA ID: CAD981583479
Create Date: 2002-03-14 16:36:26.000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

TANOX WEST INC (Continued)

S123614021

NAICS Code: 325414
NAICS Description: Biological Product (except Diagnostic) Manufacturing
Issued EPA ID Date: 1987-04-10 00:00:00
Inactive Date: 2008-06-30 00:00:00
Facility Name: TANOX WEST INC
Facility Address: 11011 TORREYANA RD
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 921210000

**A11
Target
Property**

**CROWN BIOSCIENCE SAN DIEGO
11011 TORREYANA RD STE 150
SAN DIEGO, CA 92121**

**FINDS 1024626846
ECHO N/A**

Site 11 of 33 in cluster A

**Actual:
242 ft.**

FINDS:
Registry ID: 110070415233

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1024626846
Registry ID: 110070415233
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070415233>
Name: CROWN BIOSCIENCE SAN DIEGO
Address: 11011 TORREYANA RD STE 150
City,State,Zip: SAN DIEGO, CA 92121

**A12
Target
Property**

**11011 TORREYANA ROAD
SAN DIEGO, CA 92121**

**CA CHMIRS S105661320
N/A**

Site 12 of 33 in cluster A

**Actual:
242 ft.**

CHMIRS:
Name: Not reported
Address: 11011 TORREYANA ROAD
City,State,Zip: SAN DIEGO, CA 92121
OES Incident Number: 9-2434
OES notification: 06/07/1999
OES Date: Not reported
OES Time: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

(Continued)

S105661320

Date Completed:	Not reported
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	storm drain
Spill Site:	Not reported
Cleanup By:	none to be done
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1999
Agency:	Idec Pharmaceuticals
Incident Date:	6/7/199912:00:00 AM
Admin Agency:	San Diego County Health Services Dept.
Amount:	Not reported
Contained:	Yes
Site Type:	Merchant/Business
E Date:	Not reported
Substance:	phosphoric acid - 37% solution
Gallons:	5
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

(Continued)

S105661320

Evacs: Not reported
 Injuries: Not reported
 Fatals: Not reported
 Comments: Not reported
 Description: Solution was a mixture of water and phosphoric acid (37%). An employee was transferring liquid between containers, the hose fell out, releasing the mixture. It went into a storm drain. Surface area was rinsed off - no recovery made. No clean up to be done

A13
Target
Property

MOLECULAR RESPONSE LLC
11011 TORREYANA RD STE 150
SAN DIEGO, CA 92121

CA HAZNET
CA HWTS

S118236827
N/A

Site 13 of 33 in cluster A

Actual:
242 ft.

HAZNET:
 Name: MOLECULAR RESPONSE LLC
 Address: 11011 TORREYANA RD STE 150
 Address 2: Not reported
 City,State,Zip: SAN DIEGO, CA 921211104
 Contact: CHELSEA MULLINS
 Telephone: 8586222900
 Mailing Name: Not reported
 Mailing Address: 11011 TORREYANA RD STE 150

Year: 2014
 Gepaid: CAL000400670
 TSD EPA ID: CAD008302903
 CA Waste Code: 214 - Unspecified solvent mixture
 Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
 Tons: 0.045

Year: 2014
 Gepaid: CAL000400670
 TSD EPA ID: CAD008302903
 CA Waste Code: 551 - Laboratory waste chemicals
 Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
 Tons: 0.05

Additional Info:

Year: 2014
 Gen EPA ID: CAL000400670

Shipment Date: 20141105
 Creation Date: 12/30/2014 22:15:05
 Receipt Date: 20141117
 Manifest ID: 000655482VES
 Trans EPA ID: NJD080631369
 Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
 Trans 2 EPA ID: Not reported
 Trans 2 Name: Not reported
 TSDF EPA ID: CAD008302903
 Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

MOLECULAR RESPONSE LLC (Continued)

S118236827

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.025
Waste Quantity: 50
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20141105
Creation Date: 12/30/2014 22:15:05
Receipt Date: 20141117
Manifest ID: 000655482VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.045
Waste Quantity: 90
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20141105
Creation Date: 12/30/2014 22:15:05
Receipt Date: 20141117
Manifest ID: 000655482VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.025
Waste Quantity: 50

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

MOLECULAR RESPONSE LLC (Continued)

S118236827

Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: MOLECULAR RESPONSE LLC
Address: 11011 TORREYANA RD STE 150
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000400670
Inactive Date: 06/30/2015
Create Date: 09/22/2014
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 11011 TORREYANA RD STE 150
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 921211104
Owner Name: MASOOD TAYEBI
Owner Address: 11011 TORREYANA RD STE 150
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 921211104
Contact Name: CHELSEA MULLINS
Contact Address: 11011 TORREYANA RD STE 150
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 921211104
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 32.905404
Longitude: -117.2374155

NAICS:

EPA ID: CAL000400670
Create Date: 2014-09-22 14:09:36.780
NAICS Code: 54171
NAICS Description: Research and Development in the Physical, Engineering, and Life Sciences
Issued EPA ID Date: 2014-09-22 14:09:36.77700
Inactive Date: 2015-06-30 00:00:00
Facility Name: MOLECULAR RESPONSE LLC
Facility Address: 11011 TORREYANA RD STE 150
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 921211104

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A14 **BD INTEGRATED DIAGNOSTIC SOLUTIONS**
Target **11011 TORREYANA RD STE 244**
Property **SAN DIEGO, CA 92121**

FINDS **1027062307**
N/A

Site 14 of 33 in cluster A

Actual: FINDS:
242 ft. Registry ID: 110071134237

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A15 **GENETECH INC**
Target **11011 TORREYANA RD**
Property **SAN DIEGO, CA 92121**

CA HWTS **S124607841**
N/A

Site 15 of 33 in cluster A

Actual: HWTS:
242 ft. Name: GENETECH INC
Address: 11011 TORREYANA RD
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAC002665283
Inactive Date: 10/10/2011
Create Date: 04/12/2011
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 1 ANTIBODY WAY
Mailing Address 2: Not reported
Mailing City,State,Zip: OCEANSIDE, CA 920565701
Owner Name: GENETECH INC
Owner Address: 1 ANTIBODY WAY
Owner Address 2: Not reported
Owner City,State,Zip: OCEANSIDE, CA 920565701
Contact Name: GARY MERRILL
Contact Address: 1 ANTIBODY WAY
Contact Address 2: Not reported
City,State,Zip: OCEANSIDE, CA 920565701
Facility Status: Inactive
Facility Type: TEMPORARY
Category: FEDERAL
Latitude: 32.90563
Longitude: -117.23659

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

A16 **BD INTEGRATED DIAGNOSTIC SOLUTIONS** **RCRA NonGen / NLR** **1026826718**
Target **11011 TORREYANA RD STE 244** **CAL000461666**
Property **SAN DIEGO, CA 92121**

Site 16 of 33 in cluster A

Actual: RCRA Listings:
242 ft. Date Form Received by Agency: 20210407
 Handler Name: BD INTEGRATED DIAGNOSTIC SOLUTIONS
 Handler Address: 11011 TORREYANA RD STE 244
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000461666
 Contact Name: ANASTASIYA GONZALEZ
 Contact Address: 11011 TORREYANA RD STE 244
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-812-3740
 Contact Fax: Not reported
 Contact Email: ANASTASIYA.GONZALEZ@BD.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 11011 TORREYANA RD STE 244
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: BD INTEGRATED DIAGNOSTIC SOLUTIONS
 Owner Type: Other
 Operator Name: ANASTASIYA GONZALEZ
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPRA Permit Baseline: Not on the Baseline
 2018 GPRA Renewals Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BD INTEGRATED DIAGNOSTIC SOLUTIONS (Continued)

1026826718

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20210415
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: BD INTEGRATED DIAGNOSTIC SOLUTIONS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11011 TORREYANA RD STE 244
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-812-8422
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ANASTASIYA GONZALEZ
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11011 TORREYANA RD STE 244
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-812-3740
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

BD INTEGRATED DIAGNOSTIC SOLUTIONS (Continued)

1026826718

Historic Generators:

Receive Date: 20210407
Handler Name: BD INTEGRATED DIAGNOSTIC SOLUTIONS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 541715
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

**A17
Target
Property**

**REVELATION BIOSCIENCES INC
11011 TORREYANA RD STE 102
SAN DIEGO, CA 92121**

**FINDS 1026998434
N/A**

Site 17 of 33 in cluster A

**Actual:
242 ft.**

FINDS:
Registry ID: 110071052532

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

A18 IDEC PHARMACEUTICALS CORP.
Target 11011 TORREYANA ROAD
Property LA JOLLA, CA 92037

CA ENVIROSTOR S118757428
N/A

Site 18 of 33 in cluster A

**Actual:
242 ft.**

ENVIROSTOR:
Name: IDEC PHARMACEUTICALS CORP.
Address: 11011 TORREYANA ROAD
City,State,Zip: LA JOLLA, CA 92037
Facility ID: 71002885
Status: No Action Required
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Assembly: 78
Senate: 39
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 32.90534
Longitude: -117.2366
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD981583479
Alias Type: EPA Identification Number
Alias Name: 110002723349
Alias Type: EPA (FRS #)
Alias Name: 71002885
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Non-Submittal
Completed Date: 07/11/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

A19 REVELATION BIOSCIENCES INC
Target 11011 TORREYANA RD STE 102
Property SAN DIEGO, CA 92121

CA HWTS S127125108
N/A

Site 19 of 33 in cluster A

Actual:
242 ft.

HWTS:
Name: REVELATION BIOSCIENCES INC
Address: 11011 TORREYANA RD STE 102
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000459771
Inactive Date: Not reported
Create Date: 01/29/2021
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 350 SHARON PARK DR R4
Mailing Address 2: Not reported
Mailing City,State,Zip: MENLO PARK, CA 94025
Owner Name: REVELATION BIOSCIENCES INC
Owner Address: 11581 W TORTOISE TR
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 92121
Contact Name: ROBIN MARSDEN
Contact Address: 11011 TORREYANA RD STE 102
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Active
Facility Type: PERMANENT
Category: STATE
Latitude: 32.905405
Longitude: -117.237412

NAICS:
EPA ID: CAL000459771
Create Date: 2021-01-29 14:34:49.697
NAICS Code: 541715
NAICS Description: Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)
Issued EPA ID Date: 2021-01-29 14:34:49.69700
Inactive Date: Not reported
Facility Name: REVELATION BIOSCIENCES INC
Facility Address: 11011 TORREYANA RD STE 102
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 92121

A20 BIODURO LLC
Target 11011 TORREYANA RD
Property SAN DIEGO, CA 92121

CA HAZNET S124931652
CA HWTS N/A

Site 20 of 33 in cluster A

Actual:
242 ft.

HAZNET:
Name: BIODURO LLC
Address: 11011 TORREYANA RD
Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

S124931652

City,State,Zip:	SAN DIEGO, CA 92121
Contact:	LES WINCHESTER
Telephone:	6507875643
Mailing Name:	Not reported
Mailing Address:	11011 TORREYANA RD
Year:	2021
Gepaid:	CAL000446200
TSD EPA ID:	TND981920119
CA Waste Code:	135 - Unspecified aqueous solution
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.41702
Year:	2021
Gepaid:	CAL000446200
TSD EPA ID:	NED981723513
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.395
Year:	2021
Gepaid:	CAL000446200
TSD EPA ID:	TND981920119
CA Waste Code:	352 - Other organic solids
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.05
Year:	2021
Gepaid:	CAL000446200
TSD EPA ID:	UTD981552177
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.0775
Year:	2021
Gepaid:	CAL000446200
TSD EPA ID:	INR000127621
CA Waste Code:	352 - Other organic solids
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	1.645
Year:	2021
Gepaid:	CAL000446200
TSD EPA ID:	CAD008302903
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.02
Year:	2021
Gepaid:	CAL000446200
TSD EPA ID:	ARD069748192
CA Waste Code:	352 - Other organic solids
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	4.05
Year:	2020

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

S124931652

Gepaid: CAL000446200
TSD EPA ID: NED981723513
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.42

Year: 2020
Gepaid: CAL000446200
TSD EPA ID: CAD059494310
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.575

Year: 2020
Gepaid: CAL000446200
TSD EPA ID: NED981723513
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.04

[Click this hyperlink](#) while viewing on your computer to access 5 additional CA HAZNET: record(s) in the EDR Site Report.

Detail Two:

Year: 2020
EM Manifest ID: 578d55ec-c010-44d0-86cf-2ff5574db77e
Shipment Date: 9/17/2020
Receipt Date: 10/2/2020
Manifest Number: 000338216DAT
Generator EPA ID: CAL000446200
Name: BIODURO LLC
Address: 11011 TORREYANA RD
Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718
Contact: Ned Messer
Contact Telephone: 858-529-6600
Transporter 1 EPA ID: CAR000179747
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: NED981723513
TSDF Name: Clean Harbors Environmental Services, Inc.
TSDF Address 1: 2247 South Highway 71
TSDF Address 2: Not reported
TSDF City: Kimball
TSDF Zip: 69145
TSDF Telephone: 800-483-3718

State:

Year: 2020
EM Manifest ID: 578d55ec-c010-44d0-86cf-2ff5574db77e
Generator EPA ID: CAL000446200
Shipment Date: 2020-09-17

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

S124931652

Manifest Number: 000338216DAT
Line Number: 1
Method Code: H040
Quantity Tons: 0.10000
Quantity Waste: 200.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

Year: 2020
EM Manifest ID: 1138185
Shipment Date: 8/6/2019
Receipt Date: 8/23/2019
Manifest Number: 000241809DAT
Generator EPA ID: CAL000446200
Name: BIODURO LLC
Address: 11011 TORREYANA RD
Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 800-633-8253
Contact: NED MESSER
Contact Telephone: 858-529-6600
Transporter 1 EPA ID: CAR000179747
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAR000179747
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: TND981920119
TSDf Name: VLS - ARMOR, LLC
TSDf Address 1: SOUTH PARK DRIVE
TSDf Address 2: Not reported
TSDf City: MOUNT PLEASANT
TSDf Zip: 38474
TSDf Telephone: Not reported

State:

Year: 2020
EM Manifest ID: 1138185
Generator EPA ID: CAL000446200
Shipment Date: 2019-08-06
Manifest Number: 000241809DAT
Line Number: 1
Method Code: H061
Quantity Tons: 0.16500
Quantity Waste: 50.000000
Quantity Unit: G
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Gallons
State Code: 331

Year: 2020
EM Manifest ID: c4c14da9-12ec-4afc-8b07-d16a166e5f96
Shipment Date: 8/11/2020

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

S124931652

Receipt Date: 9/13/2020
Manifest Number: 000304729DAT
Generator EPA ID: CAL000446200
Name: BIODURO LLC
Address: 11011 TORREYANA RD
Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718
Contact: Ned Messer
Contact Telephone: 858-529-6600
Transporter 1 EPA ID: CAR000179747
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAR000179747
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: NED981723513
TSDf Name: Clean Harbors Environmental Services, Inc.
TSDf Address 1: 2247 South Highway 71
TSDf Address 2: Not reported
TSDf City: Kimball
TSDf Zip: 69145
TSDf Telephone: 800-483-3718

Federal:

Year: 2020
EM Manifest ID: c4c14da9-12ec-4afc-8b07-d16a166e5f96
Generator EPA ID: CAL000446200
Shipment Date: 2020-08-11
Manifest Number: 000304729DAT
Line Number: 1
Method Code: H040
Quantity Tons: 0.01000
Quantity Waste: 20.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D001

Year: 2020
EM Manifest ID: c4c14da9-12ec-4afc-8b07-d16a166e5f96
Generator EPA ID: CAL000446200
Shipment Date: 2020-08-11
Manifest Number: 000304729DAT
Line Number: 1
Method Code: H040
Quantity Tons: 0.01000
Quantity Waste: 20.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D022

Year: 2020
EM Manifest ID: c4c14da9-12ec-4afc-8b07-d16a166e5f96
Generator EPA ID: CAL000446200
Shipment Date: 2020-08-11

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

S124931652

Manifest Number: 000304729DAT
Line Number: 2
Method Code: H040
Quantity Tons: 0.00500
Quantity Waste: 10.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D001

Year: 2020
EM Manifest ID: c4c14da9-12ec-4afc-8b07-d16a166e5f96
Generator EPA ID: CAL000446200
Shipment Date: 2020-08-11
Manifest Number: 000304729DAT
Line Number: 3
Method Code: H141
Quantity Tons: 0.00500
Quantity Waste: 10.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D001

Year: 2020
EM Manifest ID: c4c14da9-12ec-4afc-8b07-d16a166e5f96
Generator EPA ID: CAL000446200
Shipment Date: 2020-08-11
Manifest Number: 000304729DAT
Line Number: 3
Method Code: H141
Quantity Tons: 0.00500
Quantity Waste: 10.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D002

Year: 2020
EM Manifest ID: c4c14da9-12ec-4afc-8b07-d16a166e5f96
Generator EPA ID: CAL000446200
Shipment Date: 2020-08-11
Manifest Number: 000304729DAT
Line Number: 5
Method Code: H040
Quantity Tons: 0.00750
Quantity Waste: 15.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D001

Year: 2020

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

S124931652

EM Manifest ID: c4c14da9-12ec-4afc-8b07-d16a166e5f96
Generator EPA ID: CAL000446200
Shipment Date: 2020-08-11
Manifest Number: 000304729DAT
Line Number: 5
Method Code: H040
Quantity Tons: 0.00750
Quantity Waste: 15.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D002

Year: 2020
EM Manifest ID: c4c14da9-12ec-4afc-8b07-d16a166e5f96
Generator EPA ID: CAL000446200
Shipment Date: 2020-08-11
Manifest Number: 000304729DAT
Line Number: 6
Method Code: H040
Quantity Tons: 0.02500
Quantity Waste: 50.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D002

State:
Year: 2020
EM Manifest ID: c4c14da9-12ec-4afc-8b07-d16a166e5f96
Generator EPA ID: CAL000446200
Shipment Date: 2020-08-11
Manifest Number: 000304729DAT
Line Number: 1
Method Code: H040
Quantity Tons: 0.01000
Quantity Waste: 20.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

Year: 2020
EM Manifest ID: c4c14da9-12ec-4afc-8b07-d16a166e5f96
Generator EPA ID: CAL000446200
Shipment Date: 2020-08-11
Manifest Number: 000304729DAT
Line Number: 2
Method Code: H040
Quantity Tons: 0.00500
Quantity Waste: 10.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs

Map ID
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

S124931652

Quantity Type:	Pounds
State Code:	551
Year:	2020
EM Manifest ID:	c4c14da9-12ec-4afc-8b07-d16a166e5f96
Generator EPA ID:	CAL000446200
Shipment Date:	2020-08-11
Manifest Number:	000304729DAT
Line Number:	3
Method Code:	H141
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551
Year:	2020
EM Manifest ID:	c4c14da9-12ec-4afc-8b07-d16a166e5f96
Generator EPA ID:	CAL000446200
Shipment Date:	2020-08-11
Manifest Number:	000304729DAT
Line Number:	4
Method Code:	H040
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551
Year:	2020
EM Manifest ID:	c4c14da9-12ec-4afc-8b07-d16a166e5f96
Generator EPA ID:	CAL000446200
Shipment Date:	2020-08-11
Manifest Number:	000304729DAT
Line Number:	5
Method Code:	H040
Quantity Tons:	0.00750
Quantity Waste:	15.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551
Year:	2020
EM Manifest ID:	c4c14da9-12ec-4afc-8b07-d16a166e5f96
Generator EPA ID:	CAL000446200
Shipment Date:	2020-08-11
Manifest Number:	000304729DAT
Line Number:	6
Method Code:	H040
Quantity Tons:	0.02500
Quantity Waste:	50.000000

Map ID
Direction
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

S124931652

Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

Year: 2020
EM Manifest ID: c4c14da9-12ec-4afc-8b07-d16a166e5f96
Generator EPA ID: CAL000446200
Shipment Date: 2020-08-11
Manifest Number: 000304729DAT
Line Number: 7
Method Code: H040
Quantity Tons: 0.05500
Quantity Waste: 110.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

Year: 2020
EM Manifest ID: b5fe6fea-2e06-4eef-8cd4-22104db381c5
Shipment Date: 8/11/2020
Receipt Date: 9/13/2020
Manifest Number: 000304721DAT
Generator EPA ID: CAL000446200
Name: BIODURO LLC
Address: 11011 TORREYANA RD
Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718
Contact: Ned Messer
Contact Telephone: 858-529-6600
Transporter 1 EPA ID: CAR000179747
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: NED981723513
TSDf Name: Clean Harbors Environmental Services, Inc.
TSDf Address 1: 2247 South Highway 71
TSDf Address 2: Not reported
TSDf City: Kimball
TSDf Zip: 69145
TSDf Telephone: 800-483-3718

State:
Year: 2020
EM Manifest ID: b5fe6fea-2e06-4eef-8cd4-22104db381c5
Generator EPA ID: CAL000446200
Shipment Date: 2020-08-11
Manifest Number: 000304721DAT
Line Number: 1
Method Code: H040
Quantity Tons: 0.12500
Quantity Waste: 250.000000

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

S124931652

Quantity Unit: P
Number of Containers: 5
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

Year: 2020
EM Manifest ID: 41e06194-7505-46ef-83c1-7b18539c23f6
Shipment Date: 7/6/2020
Receipt Date: 7/31/2020
Manifest Number: 000321944DAT
Generator EPA ID: CAL000446200
Name: BIODURO LLC
Address: 11011 TORREYANA RD
Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718
Contact: Ned Messer
Contact Telephone: 858-529-6600
Transporter 1 EPA ID: CAR000179747
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: CAD059494310
TSDf Name: Clean Harbors San Jose LLC
TSDf Address 1: 1021 Berryessa Road
TSDf Address 2: Not reported
TSDf City: San Jose
TSDf Zip: 95133
TSDf Telephone: 800-483-3718

State:

Year: 2020
EM Manifest ID: 41e06194-7505-46ef-83c1-7b18539c23f6
Generator EPA ID: CAL000446200
Shipment Date: 2020-07-06
Manifest Number: 000321944DAT
Line Number: 1
Method Code: H141
Quantity Tons: 0.05000
Quantity Waste: 100.000000
Quantity Unit: P
Number of Containers: 2
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

Year: 2020
EM Manifest ID: a20dc21d-6795-4b34-8b6c-bed1021d9b9d
Shipment Date: 6/9/2020
Receipt Date: 6/29/2020
Manifest Number: 000321739DAT
Generator EPA ID: CAL000446200
Name: BIODURO LLC
Address: 11011 TORREYANA RD

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

S124931652

Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718
Contact: Ned Messer
Contact Telephone: 858-529-6600
Transporter 1 EPA ID: CAR000179747
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: CAD059494310
TSDf Name: Clean Harbors San Jose LLC
TSDf Address 1: 1021 Berryessa Road
TSDf Address 2: Not reported
TSDf City: San Jose
TSDf Zip: 95133
TSDf Telephone: 800-483-3718

State:
Year: 2020
EM Manifest ID: a20dc21d-6795-4b34-8b6c-bed1021d9b9d
Generator EPA ID: CAL000446200
Shipment Date: 2020-06-09
Manifest Number: 000321739DAT
Line Number: 1
Method Code: H141
Quantity Tons: 0.45000
Quantity Waste: 900.000000
Quantity Unit: P
Number of Containers: 7
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

Year: 2020
EM Manifest ID: 8c66dc68-ea74-4ded-b797-05ba55700f98
Shipment Date: 4/17/2020
Receipt Date: 5/11/2020
Manifest Number: 000288378DAT
Generator EPA ID: CAL000446200
Name: BIODURO LLC
Address: 11011 TORREYANA RD
Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718
Contact: Ned Messer
Contact Telephone: 858-529-6600
Transporter 1 EPA ID: CAR000179747
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAR000179747
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: CAD059494310
TSDf Name: Clean Harbors San Jose LLC
TSDf Address 1: 1021 Berryessa Road
TSDf Address 2: Not reported
TSDf City: San Jose

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

S124931652

TSDf Zip: 95133
TSDf Telephone: 800-483-3718
State:
Year: 2020
EM Manifest ID: 8c66dc68-ea74-4ded-b797-05ba55700f98
Generator EPA ID: CAL000446200
Shipment Date: 2020-04-17
Manifest Number: 000288378DAT
Line Number: 1
Method Code: H141
Quantity Tons: 0.02500
Quantity Waste: 50.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

Year: 2020
EM Manifest ID: e2f042a6-7081-45c5-9674-d3dfe5cd15d6
Shipment Date: 3/10/2020
Receipt Date: 4/1/2020
Manifest Number: 000304426DAT
Generator EPA ID: CAL000446200
Name: BIODURO LLC
Address: 11011 TORREYANA RD
Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718
Contact: Ned Messer
Contact Telephone: 858-529-6600
Transporter 1 EPA ID: CAR000179747
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAR000179747
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: CAD059494310
TSDf Name: Clean Harbors San Jose LLC
TSDf Address 1: 1021 Berryessa Road
TSDf Address 2: Not reported
TSDf City: San Jose
TSDf Zip: 95133
TSDf Telephone: 800-483-3718

State:
Year: 2020
EM Manifest ID: e2f042a6-7081-45c5-9674-d3dfe5cd15d6
Generator EPA ID: CAL000446200
Shipment Date: 2020-03-10
Manifest Number: 000304426DAT
Line Number: 1
Method Code: H141
Quantity Tons: 0.05000
Quantity Waste: 100.000000
Quantity Unit: P
Number of Containers: 4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

S124931652

Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

Year: 2020
EM Manifest ID: 957168
Shipment Date: 12/24/2019
Receipt Date: 1/13/2020
Manifest Number: 000303914DAT
Generator EPA ID: CAL000446200
Name: BIODURO LLC
Address: 11011 TORREYANA RD
Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718
Contact: Ned Messer
Contact Telephone: 858-529-6600
Transporter 1 EPA ID: CAR000179747
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAR000179747
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: CAD059494310
TSDf Name: Clean Harbors San Jose LLC
TSDf Address 1: 1021 Berryessa Road
TSDf Address 2: Not reported
TSDf City: San Jose
TSDf Zip: 95133
TSDf Telephone: 800-483-3718

State:

Year: 2020
EM Manifest ID: 957168
Generator EPA ID: CAL000446200
Shipment Date: 2019-12-24
Manifest Number: 000303914DAT
Line Number: 1
Method Code: H141
Quantity Tons: 0.04250
Quantity Waste: 85.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

Year: 2020
EM Manifest ID: 1062418
Shipment Date: 12/24/2019
Receipt Date: 2/6/2020
Manifest Number: 000303913DAT
Generator EPA ID: CAL000446200
Name: BIODURO LLC
Address: 11011 TORREYANA RD
Address 2: Not reported
City: SAN DIEGO

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

S124931652

Zip: 92121
Telephone: 800-483-3718
Contact: Ned Messer
Contact Telephone: 858-529-6600
Transporter 1 EPA ID: CAR000179747
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAR000179747
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: ARD069748192
TSDf Name: Clean Harbors El Dorado LLC
TSDf Address 1: 309 American Circle
TSDf Address 2: Not reported
TSDf City: El Dorado
TSDf Zip: 71730
TSDf Telephone: 800-483-3718

Federal:

Year: 2020
EM Manifest ID: 1062418
Generator EPA ID: CAL000446200
Shipment Date: 2019-12-24
Manifest Number: 000303913DAT
Line Number: 2
Method Code: H040
Quantity Tons: 0.00750
Quantity Waste: 15.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D002

Year: 2020
EM Manifest ID: 1062418
Generator EPA ID: CAL000446200
Shipment Date: 2019-12-24
Manifest Number: 000303913DAT
Line Number: 3
Method Code: H040
Quantity Tons: 0.00400
Quantity Waste: 8.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D002

Year: 2020
EM Manifest ID: 1062418
Generator EPA ID: CAL000446200
Shipment Date: 2019-12-24
Manifest Number: 000303913DAT
Line Number: 4
Method Code: H040
Quantity Tons: 0.01250
Quantity Waste: 25.000000
Quantity Unit: P
Number of Containers: 1

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

S124931652

Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D001

State:

Year: 2020
EM Manifest ID: 1062418
Generator EPA ID: CAL000446200
Shipment Date: 2019-12-24
Manifest Number: 000303913DAT
Line Number: 1
Method Code: H040
Quantity Tons: 0.03750
Quantity Waste: 75.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 331

Year: 2020
EM Manifest ID: 1062418
Generator EPA ID: CAL000446200
Shipment Date: 2019-12-24
Manifest Number: 000303913DAT
Line Number: 2
Method Code: H040
Quantity Tons: 0.00750
Quantity Waste: 15.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

Year: 2020
EM Manifest ID: 1062418
Generator EPA ID: CAL000446200
Shipment Date: 2019-12-24
Manifest Number: 000303913DAT
Line Number: 3
Method Code: H040
Quantity Tons: 0.00400
Quantity Waste: 8.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

Year: 2020
EM Manifest ID: 1062418
Generator EPA ID: CAL000446200
Shipment Date: 2019-12-24
Manifest Number: 000303913DAT
Line Number: 4
Method Code: H040

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

S124931652

Quantity Tons: 0.01250
Quantity Waste: 25.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 331

Detail Two:

Year: 2019
EM Manifest ID: 51248
Shipment Date: 9/17/2019
Receipt Date: 10/3/2019
Manifest Number: 000287663DAT
Generator EPA ID: CAL000446200
Name: BIODURO LLC
Address: 11011 TORREYANA RD
Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718
Contact: Ned Messer
Contact Telephone: 858-529-6600
Transporter 1 EPA ID: CAR000179747
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAR000179747
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: CAD059494310
TSDf Name: Clean Harbors San Jose LLC
TSDf Address 1: 1021 Berryessa Road
TSDf Address 2: Not reported
TSDf City: San Jose
TSDf Zip: 95133
TSDf Telephone: 800-483-3718

State:

Year: 2019
EM Manifest ID: 51248
Generator EPA ID: CAL000446200
Shipment Date: 2019-09-17
Manifest Number: 000287663DAT
Line Number: 1
Method Code: H141
Quantity Tons: 0.17500
Quantity Waste: 350.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiber or plastic boxes, cartons, cases
Quantity Type: Pounds
State Code: 181

Year: 2019
EM Manifest ID: 51248
Generator EPA ID: CAL000446200
Shipment Date: 2019-09-17
Manifest Number: 000287663DAT

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

S124931652

Line Number: 1
Method Code: H141
Quantity Tons: 0.17500
Quantity Waste: 350.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiber or plastic boxes, cartons, cases
Quantity Type: Pounds
State Code: 551

Year: 2019
EM Manifest ID: 51248
Generator EPA ID: CAL000446200
Shipment Date: 2019-09-17
Manifest Number: 000287663DAT
Line Number: 2
Method Code: H141
Quantity Tons: 0.02250
Quantity Waste: 45.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 181

Year: 2019
EM Manifest ID: 51248
Generator EPA ID: CAL000446200
Shipment Date: 2019-09-17
Manifest Number: 000287663DAT
Line Number: 2
Method Code: H141
Quantity Tons: 0.02250
Quantity Waste: 45.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

Year: 2019
EM Manifest ID: 595350
Shipment Date: 7/23/2019
Receipt Date: 9/4/2019
Manifest Number: 000241669DAT
Generator EPA ID: CAL000446200
Name: BIODURO LLC
Address: 11011 TORREYANA RD
Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718
Contact: Ned Messer
Contact Telephone: 858-529-6600
Transporter 1 EPA ID: CAR000179747
Transporter 1 Emergency Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

S124931652

Transporter 2 EPA ID: CAR000179747
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: ARD069748192
TSDf Name: Clean Harbors El Dorado LLC
TSDf Address 1: 309 American Circle
TSDf Address 2: Not reported
TSDf City: El Dorado
TSDf Zip: 71730
TSDf Telephone: 800-483-3718

Federal:

Year: 2019
EM Manifest ID: 595350
Generator EPA ID: CAL000446200
Shipment Date: 2019-07-23
Manifest Number: 000241669DAT
Line Number: 1
Method Code: H040
Quantity Tons: 0.00500
Quantity Waste: 10.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D001

Year: 2019
EM Manifest ID: 595350
Generator EPA ID: CAL000446200
Shipment Date: 2019-07-23
Manifest Number: 000241669DAT
Line Number: 1
Method Code: H040
Quantity Tons: 0.00500
Quantity Waste: 10.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D002

Year: 2019
EM Manifest ID: 595350
Generator EPA ID: CAL000446200
Shipment Date: 2019-07-23
Manifest Number: 000241669DAT
Line Number: 1
Method Code: H040
Quantity Tons: 0.00500
Quantity Waste: 10.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D038

Year: 2019
EM Manifest ID: 595350

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

S124931652

Generator EPA ID: CAL000446200
Shipment Date: 2019-07-23
Manifest Number: 000241669DAT
Line Number: 2
Method Code: H040
Quantity Tons: 0.00350
Quantity Waste: 7.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D001

Year: 2019
EM Manifest ID: 595350
Generator EPA ID: CAL000446200
Shipment Date: 2019-07-23
Manifest Number: 000241669DAT
Line Number: 2
Method Code: H040
Quantity Tons: 0.00350
Quantity Waste: 7.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D002

Year: 2019
EM Manifest ID: 595350
Generator EPA ID: CAL000446200
Shipment Date: 2019-07-23
Manifest Number: 000241669DAT
Line Number: 2
Method Code: H040
Quantity Tons: 0.00350
Quantity Waste: 7.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D038

Year: 2019
EM Manifest ID: 595350
Generator EPA ID: CAL000446200
Shipment Date: 2019-07-23
Manifest Number: 000241669DAT
Line Number: 3
Method Code: H040
Quantity Tons: 0.00350
Quantity Waste: 7.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

S124931652

Year: 2019
EM Manifest ID: 595350
Generator EPA ID: CAL000446200
Shipment Date: 2019-07-23
Manifest Number: 000241669DAT
Line Number: 3
Method Code: H040
Quantity Tons: 0.00350
Quantity Waste: 7.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D011

Year: 2019
EM Manifest ID: 595350
Generator EPA ID: CAL000446200
Shipment Date: 2019-07-23
Manifest Number: 000241669DAT
Line Number: 4
Method Code: H040
Quantity Tons: 0.06250
Quantity Waste: 125.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D022

Year: 2019
EM Manifest ID: 595350
Generator EPA ID: CAL000446200
Shipment Date: 2019-07-23
Manifest Number: 000241669DAT
Line Number: 4
Method Code: H040
Quantity Tons: 0.06250
Quantity Waste: 125.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
Federal Code: U080

Year: 2019
EM Manifest ID: 595350
Generator EPA ID: CAL000446200
Shipment Date: 2019-07-23
Manifest Number: 000241669DAT
Line Number: 5
Method Code: H040
Quantity Tons: 0.00300
Quantity Waste: 6.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

S124931652

Quantity Type:	Pounds
Federal Code:	D001
Year:	2019
EM Manifest ID:	595350
Generator EPA ID:	CAL000446200
Shipment Date:	2019-07-23
Manifest Number:	000241669DAT
Line Number:	5
Method Code:	H040
Quantity Tons:	0.00300
Quantity Waste:	6.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D007
Year:	2019
EM Manifest ID:	595350
Generator EPA ID:	CAL000446200
Shipment Date:	2019-07-23
Manifest Number:	000241669DAT
Line Number:	6
Method Code:	H040
Quantity Tons:	0.01000
Quantity Waste:	20.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2019
EM Manifest ID:	595350
Generator EPA ID:	CAL000446200
Shipment Date:	2019-07-23
Manifest Number:	000241669DAT
Line Number:	7
Method Code:	H040
Quantity Tons:	0.01250
Quantity Waste:	25.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2019
EM Manifest ID:	595350
Generator EPA ID:	CAL000446200
Shipment Date:	2019-07-23
Manifest Number:	000241669DAT
Line Number:	8
Method Code:	H040
Quantity Tons:	0.01250
Quantity Waste:	25.000000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

S124931652

Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D001

Year: 2019
EM Manifest ID: 595350
Generator EPA ID: CAL000446200
Shipment Date: 2019-07-23
Manifest Number: 000241669DAT
Line Number: 8
Method Code: H040
Quantity Tons: 0.01250
Quantity Waste: 25.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D002

State:

Year: 2019
EM Manifest ID: 595350
Generator EPA ID: CAL000446200
Shipment Date: 2019-07-23
Manifest Number: 000241669DAT
Line Number: 1
Method Code: H040
Quantity Tons: 0.00500
Quantity Waste: 10.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

Year: 2019
EM Manifest ID: 595350
Generator EPA ID: CAL000446200
Shipment Date: 2019-07-23
Manifest Number: 000241669DAT
Line Number: 2
Method Code: H040
Quantity Tons: 0.00350
Quantity Waste: 7.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

Year: 2019
EM Manifest ID: 595350
Generator EPA ID: CAL000446200
Shipment Date: 2019-07-23
Manifest Number: 000241669DAT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

S124931652

Line Number: 3
Method Code: H040
Quantity Tons: 0.00350
Quantity Waste: 7.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

Year: 2019
EM Manifest ID: 595350
Generator EPA ID: CAL000446200
Shipment Date: 2019-07-23
Manifest Number: 000241669DAT
Line Number: 4
Method Code: H040
Quantity Tons: 0.06250
Quantity Waste: 125.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

Year: 2019
EM Manifest ID: 595350
Generator EPA ID: CAL000446200
Shipment Date: 2019-07-23
Manifest Number: 000241669DAT
Line Number: 5
Method Code: H040
Quantity Tons: 0.00300
Quantity Waste: 6.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

Year: 2019
EM Manifest ID: 595350
Generator EPA ID: CAL000446200
Shipment Date: 2019-07-23
Manifest Number: 000241669DAT
Line Number: 6
Method Code: H040
Quantity Tons: 0.01000
Quantity Waste: 20.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

Year: 2019
EM Manifest ID: 595350

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

S124931652

Generator EPA ID: CAL000446200
Shipment Date: 2019-07-23
Manifest Number: 000241669DAT
Line Number: 7
Method Code: H040
Quantity Tons: 0.01250
Quantity Waste: 25.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

Year: 2019
EM Manifest ID: 595350
Generator EPA ID: CAL000446200
Shipment Date: 2019-07-23
Manifest Number: 000241669DAT
Line Number: 8
Method Code: H040
Quantity Tons: 0.01250
Quantity Waste: 25.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

HWTS:

Name: BIODURO LLC
Address: 11011 TORREYANA RD
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000446200
Inactive Date: 10/27/2021
Create Date: 05/23/2019
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 11011 TORREYANA RD
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: BIODURO LLC
Owner Address: 11011 TORREYANA RD
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 92121
Contact Name: LES WINCHESTER
Contact Address: 11011 TORREYANA RD
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 32.905404
Longitude: -117.2374155

NAICS:

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
 EPA ID Number

BIODURO LLC (Continued)

S124931652

EPA ID: CAL000446200
 Create Date: 2019-05-23 13:20:52.410
 NAICS Code: 541715
 NAICS Description: Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)
 Issued EPA ID Date: 2019-05-23 13:20:52.28300
 Inactive Date: Not reported
 Facility Name: BIODURO LLC
 Facility Address: 11011 TORREYANA RD
 Facility Address 2: Not reported
 Facility City: SAN DIEGO
 Facility County: Not reported
 Facility State: CA
 Facility Zip: 92121

A21 FORMEX LLC
Target 11011 TORREYANA ROAD STE 100
Property SAN DIEGO, CA 92121

RCRA-LQG 1024837692
CAL000383582

Site 21 of 33 in cluster A

**Actual:
 242 ft.**

RCRA Listings: 20180914
 Date Form Received by Agency: 20180914
 Handler Name: FORMEX LLC
 Handler Address: 11011 TORREYANA ROAD STE 100
 Handler City,State,Zip: SAN DIEGO, CA 92121-1104
 EPA ID: CAL000383582
 Contact Name: CARLOS FLORES
 Contact Address: TORREYANA ROAD STE 100
 Contact City,State,Zip: SAN DIEGO, CA 92121-1104
 Contact Telephone: 858-529-6600 525
 Contact Fax: Not reported
 Contact Email: CARLOS.FLORES@BIODURO.COM
 Contact Title: MATERIALS SUPERVISOR
 EPA Region: 09
 Land Type: Private
 Federal Waste Generator Description: Large Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: 2017
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: TORREYANA ROAD STE 100
 Mailing City,State,Zip: SAN DIEGO, CA 92121-1104
 Owner Name: BIODURO LLC
 Owner Type: Private
 Operator Name: CARLOS FLORES
 Operator Type: Private
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FORMEX LLC (Continued)

1024837692

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181126
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2017

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

FORMEX LLC (Continued)

1024837692

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: CARLOS FLORES
Legal Status: Private
Date Became Current: 20160402
Date Ended Current: Not reported
Owner/Operator Address: 11011 TORREYANA ROAD STE 100
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121-1104
Owner/Operator Telephone: 858-529-6600
Owner/Operator Telephone Ext: 525
Owner/Operator Fax: Not reported
Owner/Operator Email: CARLOS.FLORES@BIODURO.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: BIODURO LLC
Legal Status: Private
Date Became Current: 20151102
Date Ended Current: Not reported
Owner/Operator Address: 11011 TORREYANA ROAD STE 100
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121-1104
Owner/Operator Telephone: 858-529-6600
Owner/Operator Telephone Ext: 525
Owner/Operator Fax: Not reported
Owner/Operator Email: CARLOS.FLORES@BIODURO.COM

Historic Generators:

Receive Date: 20180914
Handler Name: FORMEX LLC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

FORMEX LLC (Continued)

1024837692

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

**A22
 Target
 Property**

**REVELATION BIOSCIENCES INC
 11011 TORREYANA RD STE 102
 SAN DIEGO, CA 92121**

RCRA NonGen / NLR

**1026722695
 CAL000459771**

Site 22 of 33 in cluster A

**Actual:
 242 ft.**

RCRA Listings:
 Date Form Received by Agency: 20210129
 Handler Name: REVELATION BIOSCIENCES INC
 Handler Address: 11011 TORREYANA RD STE 102
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000459771
 Contact Name: ROBIN MARSDEN
 Contact Address: 11011 TORREYANA RD STE 102
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 619-540-8245
 Contact Fax: Not reported
 Contact Email: RMARSDEN@REVBIOSCIENCES.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 350 SHARON PARK DR R4
 Mailing City,State,Zip: MENLO PARK, CA 94025
 Owner Name: REVELATION BIOSCIENCES INC
 Owner Type: Other
 Operator Name: ROBIN MARSDEN
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

REVELATION BIOSCIENCES INC (Continued)

1026722695

Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDs Where RCRA CA has Been Imposed Universe: No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20210226
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: ROBIN MARSDEN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11011 TORREYANA RD STE 102
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 619-540-8245
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: REVELATION BIOSCIENCES INC
Legal Status: Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

REVELATION BIOSCIENCES INC (Continued)

1026722695

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11581 W TORTOISE TR
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 617-777-0592
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20210129
Handler Name: REVELATION BIOSCIENCES INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 541715
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

A23 **CROWN BIOSCIENCE SAN DIEGO**
Target **11011 TORREYANA RD STE 150**
Property **SAN DIEGO, CA 92121**

CA HAZNET **S123632780**
CA HWTS **N/A**

Site 23 of 33 in cluster A

Actual:
242 ft.

HAZNET:
Name: CROWN BIOSCIENCE SAN DIEGO
Address: 11011 TORREYANA RD STE 150
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92127
Contact: OSMAN FARHAD
Telephone: 6197153145
Mailing Name: Not reported
Mailing Address: 16550 W BERNARDO DR.

Year: 2019
Gepaid: CAL000406828
TSD EPA ID: NMD002208627
CA Waste Code: 311 - Pharmaceutical waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CROWN BIOSCIENCE SAN DIEGO (Continued)

S123632780

Tons:	Treatment/Reovery (H010-H129) Or (H131-H135) 0.03350
Year:	2019
Gepaid:	CAL000406828
TSD EPA ID:	NMD002208627
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.09750
Year:	2019
Gepaid:	CAL000406828
TSD EPA ID:	NMD002208627
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	-
Tons:	0.03100
Year:	2019
Gepaid:	CAL000406828
TSD EPA ID:	NMD002208627
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.07150
Year:	2018
Gepaid:	CAL000406828
TSD EPA ID:	NMD002208627
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.09600
Year:	2018
Gepaid:	CAL000406828
TSD EPA ID:	CAD008364432
CA Waste Code:	311 - Pharmaceutical waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.10750
Year:	2017
Gepaid:	CAL000406828
TSD EPA ID:	CAD008302903
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.25
Year:	2016
Gepaid:	CAL000406828
TSD EPA ID:	CAD008364432
CA Waste Code:	311 - Pharmaceutical waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.027

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROWN BIOSCIENCE SAN DIEGO (Continued)

S123632780

Year:	2016
Gepaid:	CAL000406828
TSD EPA ID:	CAD008302903
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.06
Year:	2015
Gepaid:	CAL000406828
TSD EPA ID:	CAD008302903
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.09

[Click this hyperlink](#) while viewing on your computer to access additional CA HAZNET: detail in the EDR Site Report.

Detail Two:

Year:	2018
EM Manifest ID:	011405756FLE20180406_D_1
Shipment Date:	4/6/2018
Receipt Date:	4/18/2018
Manifest Number:	011405756FLE
Generator EPA ID:	CAL000406828
Name:	CROWN BIOSCIENCE SAN DIEGO
Address:	Not reported
Address 2:	Not reported
City:	Not reported
Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Transporter 1 EPA ID:	MNS000110924
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000217554
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD008364432
TSDF Name:	RHO CHEM LLC
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City:	Not reported
TSDF Zip:	Not reported
TSDF Telephone:	Not reported

Federal:

Year:	2018
EM Manifest ID:	011405756FLE20180406_D_1
Generator EPA ID:	CAL000406828
Shipment Date:	2018-04-06
Manifest Number:	011405756FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.10750
Quantity Waste:	215.000000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CROWN BIOSCIENCE SAN DIEGO (Continued)

S123632780

Quantity Unit:	P
Number of Containers:	6
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001
Year:	2018
EM Manifest ID:	011405756FLE20180406_D_1
Generator EPA ID:	CAL000406828
Shipment Date:	2018-04-06
Manifest Number:	011405756FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.10750
Quantity Waste:	215.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D005
Year:	2018
EM Manifest ID:	011405756FLE20180406_D_1
Generator EPA ID:	CAL000406828
Shipment Date:	2018-04-06
Manifest Number:	011405756FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.10750
Quantity Waste:	215.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D007
Year:	2018
EM Manifest ID:	011405756FLE20180406_D_1
Generator EPA ID:	CAL000406828
Shipment Date:	2018-04-06
Manifest Number:	011405756FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.10750
Quantity Waste:	215.000000
Quantity Unit:	P
Number of Containers:	6
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D022
Year:	2018
EM Manifest ID:	011405756FLE20180406_D_1
Generator EPA ID:	CAL000406828
Shipment Date:	2018-04-06
Manifest Number:	011405756FLE
Line Number:	1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CROWN BIOSCIENCE SAN DIEGO (Continued)

S123632780

Method Code: H141
Quantity Tons: 0.10750
Quantity Waste: 215.000000
Quantity Unit: P
Number of Containers: 6
Type of Container: NULL
Quantity Type: NULL
Federal Code: D024

State:

Year: 2018
EM Manifest ID: 011405756FLE20180406_D_1
Generator EPA ID: CAL000406828
Shipment Date: 2018-04-06
Manifest Number: 011405756FLE
Line Number: 1
Method Code: H141
Quantity Tons: 0.10750
Quantity Waste: 215.000000
Quantity Unit: P
Number of Containers: 6
Type of Container: NULL
Quantity Type: NULL
State Code: 311

Additional Info:

Year: 2017
Gen EPA ID: CAL000406828

Shipment Date: 20171005
Creation Date: 6/13/2018 18:31:10
Receipt Date: 20171016
Manifest ID: 001256687VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.125
Waste Quantity: 250
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170427

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

CROWN BIOSCIENCE SAN DIEGO (Continued)

S123632780

Creation Date: 5/9/2018 18:32:25
Receipt Date: 20170503
Manifest ID: 001200073VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.125
Waste Quantity: 250
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2016
Gen EPA ID: CAL000406828

Shipment Date: 20151228
Creation Date: 2/9/2016 22:16:04
Receipt Date: 20160104
Manifest ID: 001083170VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: U122
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.03
Waste Quantity: 60
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150528
Creation Date: 8/28/2015 22:15:07
Receipt Date: 20150609
Manifest ID: 001039310VES

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CROWN BIOSCIENCE SAN DIEGO (Continued)

S123632780

Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: U122
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.06
Waste Quantity: 120
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2015
Gen EPA ID: CAL000406828

Shipment Date: 20151228
Creation Date: 2/9/2016 22:16:04
Receipt Date: 20160104
Manifest ID: 001083170VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: U122
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.03
Waste Quantity: 60
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150528
Creation Date: 8/28/2015 22:15:07
Receipt Date: 20150609
Manifest ID: 001039310VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CROWN BIOSCIENCE SAN DIEGO (Continued)

S123632780

Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: U122
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.06
Waste Quantity: 120
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: CROWN BIOSCIENCE SAN DIEGO
Address: 11011 TORREYANA RD STE 150
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000406828
Inactive Date: 06/30/2021
Create Date: 05/14/2015
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 16550 W BERNARDO DR BLDG 5
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 92127
Owner Name: CROWN BIOSCIENCE SAN DIEGO
Owner Address: 16550 W BERNARDO DR BLDG 5
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 92127
Contact Name: OSMAN FARHAD
Contact Address: 16550 W BERNARDO DR.
Contact Address 2: Not reported
City,State,Zip: RANCHO BERNARDO, CA 92127
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 32.905404
Longitude: -117.2374155

NAICS:

EPA ID: CAL000406828
Create Date: 2015-05-14 14:09:36.733
NAICS Code: 54171
NAICS Description: Research and Development in the Physical, Engineering, and Life Sciences
Issued EPA ID Date: 2015-05-14 14:09:36.73000
Inactive Date: Not reported
Facility Name: CROWN BIOSCIENCE SAN DIEGO
Facility Address: 11011 TORREYANA RD STE 150
Facility Address 2: Not reported
Facility City: SAN DIEGO

Map ID
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 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

Site Database(s)

CROWN BIOSCIENCE SAN DIEGO (Continued)

S123632780

Facility County: Not reported
 Facility State: CA
 Facility Zip: 921211104

A24 **MOLECULAR RESPONSE LLC**
Target **11011 TORREYANA RD STE 190**
Property **SAN DIEGO, CA 92121**

CA HAZNET **S123634416**
CA HWTS **N/A**

Site 24 of 33 in cluster A

Actual:
242 ft.

HAZNET:
 Name: MOLECULAR RESPONSE LLC
 Address: 11011 TORREYANA RD
 Address 2: Not reported
 City,State,Zip: SAN DIEGO, CA 92121
 Contact: PRAVEEN NAIR
 Telephone: 8586222927
 Mailing Name: Not reported
 Mailing Address: 11011 TORREYANA RD

Year: 2017
 Gepaid: CAL000417017
 TSD EPA ID: CAD008252405
 CA Waste Code: 331 - Off-specification, aged or surplus organics
 Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
 Tons: 0.005

Additional Info:
 Year: 2017
 Gen EPA ID: CAL000417017

Shipment Date: 20170614
 Creation Date: 7/27/2018 18:30:12
 Receipt Date: 20170627
 Manifest ID: 017051252JJK
 Trans EPA ID: CAR000245050
 Trans Name: ECOTRANS RECYCLING
 Trans 2 EPA ID: CAR000009910
 Trans 2 Name: CALIFORNIA ENVIRONMENTAL & LITHO
 TSDF EPA ID: CAD008252405
 Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
 TSDF Alt EPA ID: Not reported
 TSDF Alt Name: Not reported
 Waste Code Description: 331 - Off-specification, aged, or surplus organics
 RCRA Code: Not reported
 Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
 Quantity Tons: 0.005
 Waste Quantity: 10
 Quantity Unit: P
 Additional Code 1: Not reported
 Additional Code 2: Not reported
 Additional Code 3: Not reported
 Additional Code 4: Not reported
 Additional Code 5: Not reported

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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

MOLECULAR RESPONSE LLC (Continued)

S123634416

HWTS:

Name: MOLECULAR RESPONSE LLC
Address: 11011 TORREYANA RD STE 190
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000417017
Inactive Date: 06/30/2017
Create Date: 05/12/2016
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 11011 TORREYANA RD
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: BRIDGEWEST CAPITAL
Owner Address: 7310 MIRAMAR RD
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 92126
Contact Name: DENNIS GARLAND
Contact Address: 11011 TORREYANA RD
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 32.905404
Longitude: -117.2374155

NAICS:

EPA ID: CAL000417017
Create Date: 2016-05-12 09:17:27.353
NAICS Code: 541711
NAICS Description: Research and Dev in Biotechnology
Issued EPA ID Date: 2016-05-12 09:17:27.33000
Inactive Date: 2017-06-30 00:00:00
Facility Name: MOLECULAR RESPONSE LLC
Facility Address: 11011 TORREYANA RD
Facility Address 2: STE 190
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 92121

A25 **FORMEX LLC**
Target **11011 TORREYANA ROAD STE 100**
Property **SAN DIEGO, CA 92121**

FINDS **1024624138**
ECHO **N/A**

Site 25 of 33 in cluster A

Actual: **FINDS:**
242 ft. Registry ID: 110070412525

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMEX LLC (Continued)

1024624138

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1024624138
Registry ID: 110070412525
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070412525>
Name: FORMEX LLC
Address: 11011 TORREYANA ROAD STE 100
City,State,Zip: SAN DIEGO, CA 92121

**A26
Target
Property**

**BD INTEGRATED DIAGNOSTIC SOLUTIONS
11011 TORREYANA RD STE 244
SAN DIEGO, CA 92121**

**ECHO 1026850841
N/A**

Site 26 of 33 in cluster A

**Actual:
242 ft.**

ECHO:

Envid: 1026850841
Registry ID: 110071134237
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110071134237>
Name: BD INTEGRATED DIAGNOSTIC SOLUTIONS
Address: 11011 TORREYANA RD STE 244
City,State,Zip: SAN DIEGO, CA 92121

**A27
Target
Property**

**F1 ONCOLOGY
11011 TORREYANA RD
SAN DIEGO, CA 92121**

**CA HAZNET S124911219
CA HWTS N/A**

Site 27 of 33 in cluster A

**Actual:
242 ft.**

HAZNET:

Name: F1 ONCOLOGY
Address: 11011 TORREYANA RD
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Contact: JEREMIAH CONVERY
Telephone: 8582756288
Mailing Name: Not reported
Mailing Address: 3545 JOHN HOPKINS CT.

Year: 2018
Gepaid: CAL000419208
TSD EPA ID: CAD008302903
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Tons: 0.00750

HWTS:

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

F1 ONCOLOGY (Continued)

S124911219

Name: F1 ONCOLOGY
Address: 11011 TORREYANA RD
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000419208
Inactive Date: 02/16/2018
Create Date: 07/29/2016
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 3545 JOHN HOPKINS CT.
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: F1 ONCOLOGY
Owner Address: 3545 JOHN HOPKINS CT.
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 92121
Contact Name: JEREMIAH CONVERY
Contact Address: 3545 JOHN HOPKINS CT
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: -90
Longitude: 180

NAICS:
EPA ID: CAL000419208
Create Date: 2016-07-29 16:26:39.060
NAICS Code: 541711
NAICS Description: Research and Dev in Biotechnology
Issued EPA ID Date: 2016-07-29 16:26:39.06000
Inactive Date: 2018-02-16 00:00:00
Facility Name: F1 ONCOLOGY
Facility Address: 11011 TORREYANA RD
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 92121

A28 **BIOATLA LLC**
Target **11011 TORREYANA RD**
Property **SAN DIEGO, CA 92121**

FINDS **1024625502**
ECHO **N/A**

Site 28 of 33 in cluster A

Actual: FINDS:
242 ft. Registry ID: 110070413889

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

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 EPA ID Number

BIOATLA LLC (Continued)

1024625502

corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1024625502
 Registry ID: 110070413889
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070413889>
 Name: BIOATLA LLC
 Address: 11011 TORREYANA RD
 City,State,Zip: SAN DIEGO, CA 92121

**A29
 Target
 Property**

**BIODURO LLC
 11011 TORREYANA RD
 SAN DIEGO, CA 92121**

RCRA NonGen / NLR

**1025873075
 CAL000446200**

Site 29 of 33 in cluster A

**Actual:
 242 ft.**

RCRA Listings:

Date Form Received by Agency:		20211027
Handler Name:	BIODURO LLC	
Handler Address:		11011 TORREYANA RD
Handler City,State,Zip:		SAN DIEGO, CA 92121
EPA ID:		CAL000446200
Contact Name:		LES WINCHESTER
Contact Address:		TORREYANA RD
Contact City,State,Zip:		SAN DIEGO, CA 92121
Contact Telephone:		605-787-5643
Contact Fax:		Not reported
Contact Email:		LES.WINCHESTER@BIODURO-SUNDIA.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		TORREYANA RD
Mailing City,State,Zip:		SAN DIEGO, CA 92121
Owner Name:	Not reported	
Owner Type:		Not reported
Operator Name:	BIODURO LLC	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No

Map ID
 Direction
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MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

BIODURO LLC (Continued)

1025873075

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20211109
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: BIODURO LLC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11011 TORREYANA RD
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	858-529-6600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BIODURO LLC (Continued)

1025873075

Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator

Owner/Operator Name: NED MESSER

Legal Status: Other

Date Became Current: Not reported

Date Ended Current: Not reported

Owner/Operator Address: 11011 TORREYANA RD

Owner/Operator City,State,Zip: SAN DIEGO, CA 92121

Owner/Operator Telephone: 858-529-6600

Owner/Operator Telephone Ext: Not reported

Owner/Operator Fax: Not reported

Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner

Owner/Operator Name: BIODURO LLC

Legal Status: Other

Date Became Current: Not reported

Date Ended Current: Not reported

Owner/Operator Address: 11011 TORREYANA RD

Owner/Operator City,State,Zip: SAN DIEGO, CA 92121

Owner/Operator Telephone: 858-529-6600

Owner/Operator Telephone Ext: Not reported

Owner/Operator Fax: Not reported

Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20211027

Handler Name: BIODURO LLC

Federal Waste Generator Description: Not a generator, verified

State District Owner: Not reported

Large Quantity Handler of Universal Waste: No

Recognized Trader Importer: No

Recognized Trader Exporter: No

Spent Lead Acid Battery Importer: No

Spent Lead Acid Battery Exporter: No

Current Record: Yes

Non Storage Recycler Activity: No

Electronic Manifest Broker: No

Receive Date: 20190523

Handler Name: BIODURO LLC

Federal Waste Generator Description: Not a generator, verified

State District Owner: Not reported

Large Quantity Handler of Universal Waste: No

Recognized Trader Importer: No

Recognized Trader Exporter: No

Spent Lead Acid Battery Importer: No

Spent Lead Acid Battery Exporter: No

Current Record: No

Non Storage Recycler Activity: Not reported

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 541715

NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE

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MAP FINDINGS

Site

Database(s)
EDR ID Number
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BIODURO LLC (Continued)

1025873075

SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

A30 **CELULA INC**
Target **11011 TORREYANA RD STE 200**
Property **SAN DIEGO, CA 92121**

CA HAZNET **S123631362**
CA HWTS **N/A**

Site 30 of 33 in cluster A

Actual:
242 ft.

HAZNET:
Name: CELULA INC
Address: 11011 TORREYANA RD STE 200
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Contact: BRENDA MERCADO
Telephone: 8588758804
Mailing Name: Not reported
Mailing Address: 11011 TORREYANA RD STE 200

Year: 2015
Gepaid: CAL000397310
TSD EPA ID: CAD008302903
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Tons: 0.015

Additional Info:

Year: 2015
Gen EPA ID: CAL000397310

Shipment Date: 20151014
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000974869VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.12
Waste Quantity: 240

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

CELULA INC (Continued)

S123631362

Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151014
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000974869VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151014
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000974869VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.03
Waste Quantity: 60
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CELULA INC (Continued)

S123631362

Shipment Date: 20151014
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000974869VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.08
Waste Quantity: 160
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151014
Creation Date: 12/16/2015 22:15:07
Receipt Date: 20151026
Manifest ID: 000974869VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151014
Creation Date: 12/16/2015 22:15:07
Receipt Date: 20151026
Manifest ID: 000974869VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CELULA INC (Continued)

S123631362

TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150511
Creation Date: 8/31/2015 22:15:34
Receipt Date: 20150522
Manifest ID: 001039282VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: CELULA INC
Address: 11011 TORREYANA RD STE 200
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000397310
Inactive Date: 10/23/2015
Create Date: 06/04/2014
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 11011 TORREYANA RD STE 200
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 921211104
Owner Name: CELULA INC
Owner Address: 11011 TORREYANA RD STE 200

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

Database(s)

Site

CELULA INC (Continued)

S123631362

Owner Address 2: Not reported
 Owner City,State,Zip: SAN DIEGO, CA 921211104
 Contact Name: BRENDA MERCADO
 Contact Address: 11011 TORREYANA RD STE 200
 Contact Address 2: Not reported
 City,State,Zip: SAN DIEGO, CA 921211104
 Facility Status: Inactive
 Facility Type: PERMANENT
 Category: STATE
 Latitude: 32.905404
 Longitude: -117.2374155

NAICS:
 EPA ID: CAL000397310
 Create Date: 2014-06-04 14:05:52.627
 NAICS Code: 54171
 NAICS Description: Research and Development in the Physical, Engineering, and Life Sciences

Issued EPA ID Date: 2014-06-04 14:05:52.62300
 Inactive Date: 2015-10-23 00:00:00
 Facility Name: CELULA INC
 Facility Address: 11011 TORREYANA RD STE 200
 Facility Address 2: Not reported
 Facility City: SAN DIEGO
 Facility County: Not reported
 Facility State: CA
 Facility Zip: 92121

**A31
 Target
 Property**

**BIOATLA LLC
 11011 TORREYANA RD
 SAN DIEGO, CA 92121**

**CA HAZNET
 CA HWTS
 S124896575
 N/A**

Site 31 of 33 in cluster A

**Actual:
 242 ft.**

HAZNET:
 Name: BIOATLA LLC
 Address: 11011 TORREYANA RD
 Address 2: Not reported
 City,State,Zip: SAN DIEGO, CA 92121
 Contact: MONICA SULLIVAN
 Telephone: 8585580708
 Mailing Name: Not reported
 Mailing Address: 11085 TORREYANA RD

Year: 2018
 Gepaid: CAL000387123
 TSD EPA ID: CAD008302903
 CA Waste Code: 551 - Laboratory waste chemicals
 Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
 Tons: 0.05750

Year: 2018
 Gepaid: CAL000387123
 TSD EPA ID: CAD008302903
 CA Waste Code: 352 - Other organic solids
 Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BIOATLA LLC (Continued)

S124896575

Tons: Treatment/Reovery (H010-H129) Or (H131-H135)
0.18750

HWTS:

Name: BIOATLA LLC
Address: 11011 TORREYANA RD
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000387123
Inactive Date: 06/30/2019
Create Date: 07/03/2013
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 11085 TORREYANA RD
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: BIOATLA LLC
Owner Address: 11085 TORREYANA RD
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 92121
Contact Name: MONICA SULLIVAN
Contact Address: 11085 TORREYANA RD
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 32.90534
Longitude: -117.23659

NAICS:

EPA ID: CAL000387123
Create Date: 2013-07-03 16:14:42.087
NAICS Code: 71151
NAICS Description: Independent Artists, Writers, and Performers
Issued EPA ID Date: 2013-07-03 16:14:42.08000
Inactive Date: 2019-06-30 00:00:00
Facility Name: BIOATLA LLC
Facility Address: 11011 TORREYANA RD
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 92121

**A32
Target
Property**

**BIODURO LLC
11011 TORREYANA RD
SAN DIEGO, CA 92121**

**ECHO 1025912152
N/A**

Site 32 of 33 in cluster A

**Actual:
242 ft.**

ECHO:
Envid: 1025912152
Registry ID: 110070592635
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070592635>
Name: BIODURO LLC

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

BIODURO LLC (Continued)

1025912152

Address: 11011 TORREYANA RD
 City,State,Zip: SAN DIEGO, CA 92121

A33 **CROWN BIOSCIENCE SAN DIEGO**
Target **11011 TORREYANA RD STE 150**
Property **SAN DIEGO, CA 92121**

RCRA NonGen / NLR **1024849795**
CAL000406828

Site 33 of 33 in cluster A

Actual:
242 ft.

RCRA Listings:
 Date Form Received by Agency: 20150514
 Handler Name: CROWN BIOSCIENCE SAN DIEGO
 Handler Address: 11011 TORREYANA RD STE 150
 Handler City,State,Zip: SAN DIEGO, CA 92121-1104
 EPA ID: CAL000406828
 Contact Name: SHOANA SIKORSKI
 Contact Address: 11011 TORREYANA RD, SUITE 200
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 619-347-7218
 Contact Fax: Not reported
 Contact Email: SSIKORSKI@CROWNBIO.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 11011 TORREYANA RD
 Mailing City,State,Zip: SAN DIEGO, CA 92121-1104
 Owner Name: ALEX Y WU
 Owner Type: Other
 Operator Name: SHOANA SIKORSKI
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: Yes
 Universal Waste Destination Facility: Yes
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

CROWN BIOSCIENCE SAN DIEGO (Continued)

1024849795

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: SHOANA SIKORSKI	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11011 TORREYANA RD, SUITE 200
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	619-347-7218
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: ALEX Y WU	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3375 SCOTT BLVD STE 1081
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95054-3110
Owner/Operator Telephone:	855-827-6968

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

CROWN BIOSCIENCE SAN DIEGO (Continued)

1024849795

Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20150514
 Handler Name: CROWN BIOSCIENCE SAN DIEGO
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 54171
 NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

**B34
 West
 < 1/8
 0.017 mi.
 89 ft.**

**BMR-TORREYANA LP
 11010 TORREYANA ROAD
 SAN DIEGO, CA 92037**

**RCRA NonGen / NLR 1026049787
 CAC003056578**

Site 1 of 4 in cluster B

**Relative:
 Higher
 Actual:
 335 ft.**

RCRA Listings:
 Date Form Received by Agency: 20200219
 Handler Name: BMR-TORREYANA LP
 Handler Address: 11010 TORREYANA ROAD
 Handler City,State,Zip: SAN DIEGO, CA 92037
 EPA ID: CAC003056578
 Contact Name: DANIEL LANDIS
 Contact Address: 17190 BERNARDO CENTER DRIVE
 Contact City,State,Zip: SAN DIEGO, CA 92128
 Contact Telephone: 858-207-2052
 Contact Fax: Not reported
 Contact Email: DANIEL.LANDIS@BIOMEDREALTY.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

BMR-TORREYANA LP (Continued)

1026049787

State District Owner:	Not reported
State District:	Not reported
Mailing Address:	17190 BERNARDO CENTER DRIVE
Mailing City,State,Zip:	SAN DIEGO, CA 92128
Owner Name:	BMR-TORREYANA LP
Owner Type:	Other
Operator Name:	DANIEL LANDIS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200306
Recognized Trader-Importer:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BMR-TORREYANA LP (Continued)

1026049787

Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: DANIEL LANDIS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 17190 BERNARDO CENTER DRIVE
Owner/Operator City,State,Zip: SAN DIEGO, CA 92128
Owner/Operator Telephone: 858-207-2052
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: BMR-TORREYANA LP
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 17190 BERNARDO CENTER DRIVE
Owner/Operator City,State,Zip: SAN DIEGO, CA 92128
Owner/Operator Telephone: 858-207-2052
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20200219
Handler Name: BMR-TORREYANA LP
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 531120
NAICS Description: LESSORS OF NONRESIDENTIAL BUILDINGS (EXCEPT MINIWAREHOUSES)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

BMR-TORREYANA LP (Continued)

1026049787

Evaluation Action Summary:
 Evaluations:

No Evaluations Found

B35
West
< 1/8
0.017 mi.
89 ft.

VERTEX PHARMACEUTICALS
11010 TORREYANA RD
SAN DIEGO, CA 92121

RCRA NonGen / NLR

1006805732
CAR000140541

Site 2 of 4 in cluster B

Relative:
Higher
Actual:
335 ft.

RCRA Listings:
 Date Form Received by Agency: 20191211
 Handler Name: VERTEX PHARMACEUTICALS
 Handler Address: 11010 TORREYANA RD
 Handler City,State,Zip: SAN DIEGO, CA 92121-0000
 EPA ID: CAR000140541
 Contact Name: CHRISTIAN G FLORIDO
 Contact Address: TORREYANA RD
 Contact City,State,Zip: SAN DIEGO, CA 92121-0000
 Contact Telephone: 858-404-6644
 Contact Fax: 858-404-6743
 Contact Email: CHRISTIAN_FLORIDO@VRTX.COM
 Contact Title: SR. EHS ASSOCIATE
 EPA Region: 09
 Land Type: Private
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: TORREYANA RD
 Mailing City,State,Zip: SAN DIEGO, CA 92121-0000
 Owner Name: BIOMED REALTY
 Owner Type: Private
 Operator Name: VERTEX PHARMACEUTICALS
 Operator Type: Private
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

VERTEX PHARMACEUTICALS (Continued)

1006805732

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSD Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20191213
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

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VERTEX PHARMACEUTICALS (Continued)

1006805732

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D022
Waste Description:	CHLOROFORM
Waste Code:	D026
Waste Description:	CRESOL
Waste Code:	D038
Waste Description:	PYRIDINE
Waste Code:	D043
Waste Description:	VINYL CHLORIDE
Waste Code:	F001
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE

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SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F004
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F006
Waste Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Waste Code: P003
Waste Description: 2-PROPENAL (OR) ACRYLALDEHYDE

Waste Code: P018
Waste Description: BRUCINE (OR) STRYCHNIDIN-10-ONE, 2,3-DIMETHOXY-

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Waste Code:	P026
Waste Description:	1-(O-CHLOROPHENYL)THIOUREA (OR) THIOUREA, (2-CHLOROPHENYL)-
Waste Code:	P029
Waste Description:	COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)
Waste Code:	P030
Waste Description:	CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED
Waste Code:	P087
Waste Description:	OSMIUM OXIDE OSO4, (T-4)- (OR) OSMIUM TETROXIDE
Waste Code:	P095
Waste Description:	CARBONIC DICHLORIDE (OR) PHOSGENE
Waste Code:	P098
Waste Description:	POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)
Waste Code:	P105
Waste Description:	SODIUM AZIDE
Waste Code:	P106
Waste Description:	SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)
Waste Code:	U007
Waste Description:	2-PROPENAMIDE (OR) ACRYLAMIDE
Waste Code:	U012
Waste Description:	ANILINE (I,T) (OR) BENZENAMINE (I,T)
Waste Code:	U041
Waste Description:	EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-
Waste Code:	U044
Waste Description:	CHLOROFORM (OR) METHANE, TRICHLORO-
Waste Code:	U045
Waste Description:	METHANE, CHLORO- (I,T) (OR) METHYL CHLORIDE (I,T)
Waste Code:	U108
Waste Description:	1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE
Waste Code:	U122
Waste Description:	FORMALDEHYDE
Waste Code:	U133
Waste Description:	HYDRAZINE (R,T)
Waste Code:	U138
Waste Description:	METHANE, IODO- (OR) METHYL IODIDE
Waste Code:	U188
Waste Description:	PHENOL
Waste Code:	U194
Waste Description:	1-PROPANAMINE (I,T) (OR) N-PROPYLAMINE (I,T)

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Waste Code: U196
Waste Description: PYRIDINE

Waste Code: U220
Waste Description: BENZENE, METHYL- (OR) TOLUENE

Waste Code: U236
Waste Description: 2,7-NAPHTHALENEDISULFONIC ACID,3,3'-[(3,3'-DIMETHYL[1,1'-BIPHENYL]-4,4'-DIYL)BIS(AZO)BIS[5-AMINO-4-HYDROXY]-, TETRASODIUM SALT (OR) TRYPAN BLUE

Waste Code: U246
Waste Description: CYANOGEN BROMIDE (CN)BR

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: BIOMED REALTY, TRUST
Legal Status: Private
Date Became Current: 20070322
Date Ended Current: Not reported
Owner/Operator Address: 17410 BERNARDO CENTER DRIVE
Owner/Operator City,State,Zip: SAN DIEGO, CA 92128
Owner/Operator Telephone: 858-485-9840
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: BIOMED REALTY TRUST, INC.
Legal Status: Private
Date Became Current: 20070322
Date Ended Current: Not reported
Owner/Operator Address: 190 BERNARDO CENTER DRIVE
Owner/Operator City,State,Zip: SAN DIEGO, CA 92128
Owner/Operator Telephone: 858-485-9840
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: BIOMED REALTY
Legal Status: Private
Date Became Current: 19900101
Date Ended Current: Not reported
Owner/Operator Address: 11010 TORREY BERNARDO CENTER DRIVE
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-404-6644
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: INFO@BIOMEDREALTY.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: ARDEN REALITY
Legal Status: Private
Date Became Current: 19980301
Date Ended Current: Not reported
Owner/Operator Address: 11545 WEST BERNARDO CR. #303

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VERTEX PHARMACEUTICALS (Continued)

1006805732

Owner/Operator City,State,Zip:	SAN DIEGO, CA 92127
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: BIOMED REALTY	
Legal Status:	Private
Date Became Current:	19900101
Date Ended Current:	Not reported
Owner/Operator Address:	17190 BERNARDO CENTER DRIVE
Owner/Operator City,State,Zip:	RANCHO BERNARDO, CA 92128
Owner/Operator Telephone:	858-485-9840
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: VERTEX PHARMACEUTICALS	
Legal Status:	Private
Date Became Current:	20010701
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: VERTEX PHARMACEUTICALS	
Legal Status:	Private
Date Became Current:	20010719
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: VERTEX PHARMACEUTICALS (SAN DIEGO) LLC	
Legal Status:	Private
Date Became Current:	20010701
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: VERTEX PHARMACEUTICALS	
Legal Status:	Private

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VERTEX PHARMACEUTICALS (Continued)

1006805732

Date Became Current: 20020701
Date Ended Current: Not reported
Owner/Operator Address: 11010 TORREY TORREYANA RD
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121-0000
Owner/Operator Telephone: 858-404-6644
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: CHRISTIAN_FLORIDO@VRTX.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: VERTEX PHARMACEUTICALS
Legal Status: Private
Date Became Current: 20010701
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: VERTEX PHARMACEUTICALS (SAN DIEGO)
Legal Status: Private
Date Became Current: 20010701
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: VERTEX PHARMACEUTICALS
Legal Status: Private
Date Became Current: 20020701
Date Ended Current: Not reported
Owner/Operator Address: 11010 TORREY TORREYANA RD
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121-0000
Owner/Operator Telephone: 858-404-6644
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: CHRISTIAN_FLORIDO@VRTX.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: BIOMED REALTY
Legal Status: Private
Date Became Current: 19900101
Date Ended Current: Not reported
Owner/Operator Address: 11010 TORREY BERNARDO CENTER DRIVE
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-404-6644
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: INFO@BIOMEDREALTY.COM

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VERTEX PHARMACEUTICALS (Continued)

1006805732

Owner/Operator Indicator: Operator
Owner/Operator Name: VERTEX PHARMACEUTICALS, LLC
Legal Status: Private
Date Became Current: 20010701
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: VERTEX PHARMACEUTICALS (SAN DIEGO) LLC
Legal Status: Private
Date Became Current: 20010719
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ARDEN REALTY
Legal Status: Private
Date Became Current: 19980301
Date Ended Current: Not reported
Owner/Operator Address: 11545 WEST BERNARDO CT. #303
Owner/Operator City,State,Zip: SAN DIEGO, CA, CA 92127
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: VERTEX PHARMACEUTICALS
Legal Status: Private
Date Became Current: 20020701
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: BIOMED REALTY TRUST, INC.
Legal Status: Private
Date Became Current: 20070322
Date Ended Current: Not reported
Owner/Operator Address: 17140 BERNARDO CENTER DRIVE
Owner/Operator City,State,Zip: SAN DIEGO, CA 92128
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported

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VERTEX PHARMACEUTICALS (Continued)

1006805732

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20100511
Handler Name: VERTEX PHARMACEUTICALS (SAN DIEGO) LLC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20121031
Handler Name: VERTEX PHARMACEUTICALS (SAN DIEGO) LLC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20160125
Handler Name: VERTEX PHARMACEUTICALS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20181026
Handler Name: VERTEX PHARMACEUTICALS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20191211

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Handler Name: VERTEX PHARMACEUTICALS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20030210
Handler Name: VERTEX PHARMACEUTICALS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20040227
Handler Name: VERTEX PHARMACEUTICALS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060208
Handler Name: VERTEX PHARMACEUTICALS, LLC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080222
Handler Name: VERTEX PHARMACEUTICALS, LLC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

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Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 32541
NAICS Description: PHARMACEUTICAL AND MEDICINE MANUFACTURING

NAICS Code: 54171
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

NAICS Code: 541711
NAICS Description: RESEARCH AND DEVELOPMENT IN BIOTECHNOLOGY

NAICS Code: 541715
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violation:

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported

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Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported

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Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

VERTEX PHARMACEUTICALS (Continued)

1006805732

Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 20060406
Evaluation Responsible Agency: Local
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20171212
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20150309
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20090928
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

B36
West
< 1/8
0.017 mi.
89 ft.

FOUNDATION MEDICINE, INC. - TORREYANA
11010 TORREYANA RD.
SAN DIEGO, CA 92121
Site 3 of 4 in cluster B

CA AST
CA San Diego Co. HMMD
CA CERS HAZ WASTE
CA CERS TANKS
CA HAZNET
CA CERS
CA HWTS

S106060874
N/A

Relative:
Higher

Actual:
335 ft.

AST:

Name: VERTEX PHARMACEUTICALS LLC
 Address: 11010 TORREYANA RD
 City/Zip: SAN DIEGO,92121
 Certified Unified Program Agencies: Not reported
 Owner: Vertex Pharmaceuticals
 Total Gallons: Not reported
 CERSID: 10153677
 Facility ID: 37-000-111672
 Business Name: VERTEX PHARMACEUTICALS
 Phone: 858-404-6600
 Fax: Not reported
 Mailing Address: 11010 TORREYANA RD
 Mailing Address City: SAN DIEGO
 Mailing Address State: CA
 Mailing Address Zip Code: 92121
 Operator Name: VERTEX PHARMACEUTICALS (SAN DIEGO) LLC
 Operator Phone: 858-404-6600
 Owner Phone: 617-444-6100
 Owner Mail Address: 130 Waverly Street
 Owner State: MA
 Owner Zip Code: 2139
 Owner Country: United States
 Property Owner Name: Biomed Realty Trust
 Property Owner Phone: 858-485-9840
 Property Owner Mailing Address: 190 Bernardo Center Drive
 Property Owner City: San Diego
 Property Owner Stat : CA
 Property Owner Zip Code: 92108
 Property Owner Country: United States
 EPAID: CAR000140541

HMMD SAN DIEGO:

Name: VERTEX PHARMACEUTICALS LLC
 Address: 11010 TORREYANA RD
 City,State,Zip: SAN DIEGO, CA 92121
 Permit Number: 111672
 Business Type: 6HK67P
 EPA Id Number: CAR000140541
 APN: 340-010-37-00
 Last HMMD Inspection: 10/04/2011
 Facility Telephone: 858-404-6600
 Permit Status: OPEN
 Permit Expiration: 03/31/2013
 Date Last Updated: 11/02/2012
 Facility Owner: VERTEX PHARMACEUTICALS LLC
 Facility Mailing Address: 11010 TORREYANA RD
 Facility Mailing City: SAN DIEGO
 Facility Mailing State: CA
 Facility Mailing Zip: 92121-
 UST Owner: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

S106060874

Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Y
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN-LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: OXYGEN, CO2
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: OXYGEN, CO2, NITROGEN 69%
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: OXYGEN, NITROGEN 90%, CO2
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN; COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: SULFUR DIOXIDE GAS
Other Information: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

S106060874

Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information: DIMETHYL SULFOXIDE WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N*
Other Information: SULFURIC ACID
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: MIXED SOLVENTS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Other Information: WASTE ORGANIC LIQUIDS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: DMSO CONTAMINATED SOLIDS/ GELS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 541 PHOTOCHEM/PHOTOPROC WASTE
Other Information: PHOTOPROCESSING WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

S106060874

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: OFF SPEC CHEMICALS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 791 LIQUIDS WITH PH <OR= 2
Other Information: CORROSIVE LIQUIDS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 860 UNIVERSAL WASTE CRTS/LAMPS/BATTERIES/ETC
Other Information: FLOURESCENT TUBES, CRTS, BATTERIES
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: SHARPS CONTAINERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 905 INFECTIOUS WASTE, LAB
Other Information: RED BAGS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 67-64-1
Name: ACETONE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 67-56-1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

S106060874

Name:	ACETONITRILE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported
Permit Number:	111672
Update Date:	11/02/2012
Case Number:	Not reported
Name:	AIR, COMPRESSED
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	ACUTE
Permit Number:	111672
Update Date:	11/02/2012
Case Number:	7440-37-1
Name:	ARGON: COMPRESSED GAS
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	ACUTE
Permit Number:	111672
Update Date:	11/02/2012
Case Number:	124-38-9
Name:	CARBON DIOXIDE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	ACUTE
Permit Number:	111672
Update Date:	11/02/2012
Case Number:	MIXTURE
Name:	CARBON DIOXIDE 5-10%, AIR
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	ACUTE
Permit Number:	111672
Update Date:	11/02/2012
Case Number:	124-38-9
Name:	CARBON DIOXIDE: LIQUEFIED
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	CRYOGENIC
Permit Number:	111672
Update Date:	11/02/2012
Case Number:	Not reported
Name:	CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information:	BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

S106060874

Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 10049-04-4
Name: CHLORINE DIOXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: EXTREMELY HAZARDOUS
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL FUEL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 67-68-5
Name: DIMETHYLSULFOXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 75-21-8
Name: ETHYLENE OXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: EXTREMELY HAZARDOUS
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 7440-59-7
Name: HELIUM: COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 110-54-3
Name: HEXANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

S106060874

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 7647-01-0
Name: HYDROGEN CHLORIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: EXTREMELY HAZARDOUS
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 1333-74-0
Name: HYDROGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 67-63-0
Name: ISOPROPYL ALCOHOL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 74-93-1
Name: METHANETHIOL/METHYL MERCAPTAN
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 67-56-1
Name: METHANOL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Violations Active Permits:

Permit Number: 111672
Update Date: 11/02/2012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

S106060874

Inspection Date: 04/06/2006
Violation Code: 6HV4208
Violation: SHARPS CONTAINER: NO TAPED SHUT
Violation Citation: Full sharps container ready for disposal not taped closed or tightly-lidded to preclude loss of contents. 118285(b)
Activity: ACTIVE

Name: VERTEX PHARMACEUTICALS LLC
Address: 11010 TORREYANA RD
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 111672
Business Type: 6HK67P
EPA Id Number: CAR000140541
APN: 340-010-37-00
Last HMMMD Inspection: 10/04/2011
Facility Telephone: 858-404-6600
Permit Status: OPEN
Permit Expiration: 03/31/2013
Date Last Updated: 11/02/2012
Facility Owner: VERTEX PHARMACEUTICALS LLC
Facility Mailing Address: 11010 TORREYANA RD
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121-
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Y
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN-LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: OXYGEN, CO2
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: OXYGEN, CO2, NITROGEN 69%
Other Information: Not reported
Material Waste: Material

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

S106060874

Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: OXYGEN, NITROGEN 90%, CO2
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN; COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: SULFUR DIOXIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information: DIMETHYL SULFOXIDE WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N*
Other Information: SULFURIC ACID
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: MIXED SOLVENTS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

S106060874

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Other Information: WASTE ORGANIC LIQUIDS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: DMSO CONTAMINATED SOLIDS/ GELS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 541 PHOTOCHEM/PHOTOPROC WASTE
Other Information: PHOTOPROCESSING WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: OFF SPEC CHEMICALS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 791 LIQUIDS WITH PH <OR= 2
Other Information: CORROSIVE LIQUIDS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 860 UNIVERSAL WASTE CRTS/LAMPS/BATTERIES/ETC
Other Information: FLOURESCENT TUBES, CRTS, BATTERIES
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

S106060874

Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: SHARPS CONTAINERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 905 INFECTIOUS WASTE, LAB
Other Information: RED BAGS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 67-64-1
Name: ACETONE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 67-56-1
Name: ACETONITRILE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: AIR, COMPRESSED
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON: COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE
Other Information: Not reported
Material Waste: Material

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

S106060874

Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: MIXTURE
Name: CARBON DIOXIDE 5-10%, AIR
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE: LIQUEFIED
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 10049-04-4
Name: CHLORINE DIOXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: EXTREMELY HAZARDOUS
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL FUEL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 67-68-5
Name: DIMETHYLSULFOXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Map ID
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FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

S106060874

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 75-21-8
Name: ETHYLENE OXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: EXTREMELY HAZARDOUS
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 7440-59-7
Name: HELIUM: COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 110-54-3
Name: HEXANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 7647-01-0
Name: HYDROGEN CHLORIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: EXTREMELY HAZARDOUS
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 1333-74-0
Name: HYDROGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 67-63-0
Name: ISOPROPYL ALCOHOL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 74-93-1

Map ID
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Distance
Elevation

MAP FINDINGS

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FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

S106060874

Name: METHANETHIOL/METHYL MERCAPTAN
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 67-56-1
Name: METHANOL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Violations Active Permits:

Permit Number: 111672
Update Date: 11/02/2012
Inspection Date: 04/06/2006
Violation Code: 6HV4208
Violation: SHARPS CONTAINER: NO TAPED SHUT
Violation Citation: Full sharps container ready for disposal not taped closed or tightly-lidded to preclude loss of contents. 118285(b)
Activity: ACTIVE

Name: VERTEX PHARMACEUTICALS LLC
Address: 11010 TORREYANA RD
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 111672
Business Type: 6HK67P
EPA Id Number: CAR000140541
APN: 340-010-37-00
Last HMMD Inspection: 10/04/2011
Facility Telephone: 858-404-6600
Permit Status: OPEN
Permit Expiration: 03/31/2013
Date Last Updated: 11/02/2012
Facility Owner: VERTEX PHARMACEUTICALS LLC
Facility Mailing Address: 11010 TORREYANA RD
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121-
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y

Map ID
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FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

S106060874

Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN-LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: OXYGEN, CO2
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: OXYGEN, CO2, NITROGEN 69%
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: OXYGEN, NITROGEN 90%, CO2
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN; COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: SULFUR DIOXIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Map ID
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Distance
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MAP FINDINGS

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Database(s) EDR ID Number
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FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

S106060874

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information: DIMETHYL SULFOXIDE WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N*
Other Information: SULFURIC ACID
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: MIXED SOLVENTS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Other Information: WASTE ORGANIC LIQUIDS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: DMSO CONTAMINATED SOLIDS/ GELS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 541 PHOTOCHEM/PHOTOPROC WASTE
Other Information: PHOTOPROCESSING WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported

Map ID
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FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

S106060874

Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: OFF SPEC CHEMICALS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 791 LIQUIDS WITH PH <OR= 2
Other Information: CORROSIVE LIQUIDS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 860 UNIVERSAL WASTE CRTS/LAMPS/BATTERIES/ETC
Other Information: FLOURESCENT TUBES, CRTS, BATTERIES
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: SHARPS CONTAINERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 905 INFECTIOUS WASTE, LAB
Other Information: RED BAGS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 67-64-1
Name: ACETONE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 67-56-1
Name: ACETONITRILE
Other Information: Not reported
Material Waste: Material

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FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

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Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: AIR, COMPRESSED
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON: COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: MIXTURE
Name: CARBON DIOXIDE 5-10%, AIR
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE: LIQUEFIED
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

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FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

S106060874

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 10049-04-4
Name: CHLORINE DIOXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: EXTREMELY HAZARDOUS
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL FUEL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 67-68-5
Name: DIMETHYLSULFOXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 75-21-8
Name: ETHYLENE OXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: EXTREMELY HAZARDOUS
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 7440-59-7
Name: HELIUM: COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 110-54-3
Name: HEXANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 7647-01-0

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FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

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Name: HYDROGEN CHLORIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: EXTREMELY HAZARDOUS
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 1333-74-0
Name: HYDROGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 67-63-0
Name: ISOPROPYL ALCOHOL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 74-93-1
Name: METHANETHIOL/METHYL MERCAPTAN
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 67-56-1
Name: METHANOL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Violations Active Permits:

Permit Number: 111672
Update Date: 11/02/2012
Inspection Date: 04/06/2006
Violation Code: 6HV4208
Violation: SHARPS CONTAINER: NO TAPED SHUT

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FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

S106060874

Violation Citation: Full sharps container ready for disposal not taped closed or tightly-lidded to preclude loss of contents. 118285(b)
Activity: ACTIVE

Name: VERTEX PHARMACEUTICALS LLC
Address: 11010 TORREYANA RD
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 111672
Business Type: 6HK67P
EPA Id Number: CAR000140541
APN: 340-010-37-00
Last HMMD Inspection: 10/04/2011
Facility Telephone: 858-404-6600
Permit Status: OPEN
Permit Expiration: 03/31/2013
Date Last Updated: 11/02/2012
Facility Owner: VERTEX PHARMACEUTICALS LLC
Facility Mailing Address: 11010 TORREYANA RD
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121-
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Y
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN-LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: OXYGEN, CO2
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: OXYGEN, CO2, NITROGEN 69%
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

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FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

S106060874

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: OXYGEN, NITROGEN 90%, CO2
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN; COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: SULFUR DIOXIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information: DIMETHYL SULFOXIDE WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N*
Other Information: SULFURIC ACID
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: MIXED SOLVENTS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported

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FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

S106060874

Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Other Information: WASTE ORGANIC LIQUIDS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: DMSO CONTAMINATED SOLIDS/ GELS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 541 PHOTOCHEM/PHOTOPROC WASTE
Other Information: PHOTOPROCESSING WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: OFF SPEC CHEMICALS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 791 LIQUIDS WITH PH <OR= 2
Other Information: CORROSIVE LIQUIDS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 860 UNIVERSAL WASTE CRTS/LAMPS/BATTERIES/ETC
Other Information: FLOURESCENT TUBES, CRTS, BATTERIES
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: SHARPS CONTAINERS
Material Waste: Waste

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FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

S106060874

Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 905 INFECTIOUS WASTE, LAB
Other Information: RED BAGS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 67-64-1
Name: ACETONE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 67-56-1
Name: ACETONITRILE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: AIR, COMPRESSED
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON: COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

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FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

S106060874

Permit Number: 111672
Update Date: 11/02/2012
Case Number: MIXTURE
Name: CARBON DIOXIDE 5-10%, AIR
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE: LIQUEFIED
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 111672
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 10049-04-4
Name: CHLORINE DIOXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: EXTREMELY HAZARDOUS
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL FUEL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 67-68-5
Name: DIMETHYLSULFOXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 75-21-8

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FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

S106060874

Name: ETHYLENE OXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: EXTREMELY HAZARDOUS
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 7440-59-7
Name: HELIUM: COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 110-54-3
Name: HEXANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 7647-01-0
Name: HYDROGEN CHLORIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: EXTREMELY HAZARDOUS
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 1333-74-0
Name: HYDROGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 67-63-0
Name: ISOPROPYL ALCOHOL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 74-93-1
Name: METHANETHIOL/METHYL MERCAPTAN
Other Information: Not reported
Material Waste: Material

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

S106060874

Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 67-56-1
Name: METHANOL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 111672
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Violations Active Permits:

Permit Number: 111672
Update Date: 11/02/2012
Inspection Date: 04/06/2006
Violation Code: 6HV4208
Violation: SHARPS CONTAINER: NO TAPED SHUT
Violation Citation: Full sharps container ready for disposal not taped closed or tightly-lidded to preclude loss of contents. 118285(b)
Activity: ACTIVE

CERS HAZ WASTE:

Name: FOUNDATION MEDICINE, INC. - TORREYANA
Address: 11010 TORREYANA RD.
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 576987
CERS ID: 10153677
CERS Description: Hazardous Waste Generator

CERS TANKS:

Name: FOUNDATION MEDICINE, INC. - TORREYANA
Address: 11010 TORREYANA RD.
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 576987
CERS ID: 10153677
CERS Description: Aboveground Petroleum Storage

HAZNET:

Name: FOUNDATION MEDICINE INC
Address: 11010 TORREYANA RD
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Contact: SERENA HILL
Telephone: 6199222947

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

S106060874

Mailing Name: Not reported
Mailing Address: 150 SECOND ST

Year: 2021
Gepaid: CAL000464299
TSD EPA ID: TXD000838896
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.12

CERS:

Name: FOUNDATION MEDICINE, INC. - TORREYANA
Address: 11010 TORREYANA RD.
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 576987
CERS ID: 10153677
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 576987
Site Name: Foundation Medicine, Inc. - Torreyana
Violation Date: 06-01-2022
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to provide the following training to all oil-handling personnel: 1. Operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. 5. Contents of the SPCC Plan.
Violation Notes: Returned to compliance on 06/28/2022. Inspection Sequence ID:6898344
Violation Division: San Diego County Department of Env Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 576987
Site Name: Foundation Medicine, Inc. - Torreyana
Violation Date: 06-01-2022
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 06/28/2022. Inspection Sequence ID:6898344
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 576987
Site Name: Foundation Medicine, Inc. - Torreyana
Violation Date: 06-01-2022
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

S106060874

Violation Description: APSA Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 06/28/2022. Inspection Sequence ID:6898344;Violation:HMD5104 Failed to submit, and keep up to date, the APSA program element in CERS. SDCC 68.904; 27 CCR 15188(a),(b),(c),&(f)
Violation Division: San Diego County Department of Env Health
Violation Program: APSA
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4092010
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-12-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5795419
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-04-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5586312
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4092010
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-01-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Williams Cameron Inspection ID:6898344
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-04-2017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

S106060874

Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5586312
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4092010
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-06-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:6104445
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-04-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5586312
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4092010
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-01-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Williams Cameron Inspection ID:6898344
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-01-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Williams Cameron Inspection ID:6898344

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

S106060874

Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-28-2009
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes:

Inspector Name: San Diego County; Determination of RCRA LQG status was based on a download of sites registered as RCRA LQGs on the USEPA website. Military bases in San Diego County registered under a primary EPA number but each command or unit permitted and inspected as a separate entity b

Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Parent Corporation
Entity Name: Foundation Medicine, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Foundation Medicine, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (760) 285-8660,

Affiliation Type Desc: Environmental Contact
Entity Name: Adam Hawkesworth
Entity Title: Not reported
Affiliation Address: 11010 Torreyana Rd.
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

S106060874

Affiliation Type Desc: Identification Signer
Entity Name: Serena Hill
Entity Title: Manager of EHS
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Serena Hill
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 11010 Torreyana Rd.
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Foundation Medicine, Inc.
Entity Title: Not reported
Affiliation Address: 150 2nd Street
Affiliation City: Cambridge
Affiliation State: MA
Affiliation Country: United States
Affiliation Zip: 02141
Affiliation Phone: (760) 285-8660,

Affiliation Type Desc: Property Owner
Entity Name: BMR-TORREYANA LP
Entity Title: Not reported
Affiliation Address: 17190 Bernardo Center Drive
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92128
Affiliation Phone: (858) 485-9840,

HWTS:

Name: FOUNDATION MEDICINE INC
Address: 11010 TORREYANA RD
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000464299

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

FOUNDATION MEDICINE, INC. - TORREYANA (Continued)

S106060874

Inactive Date: Not reported
 Create Date: 07/27/2021
 Last Act Date: Not reported
 Mailing Name: Not reported
 Mailing Address: 150 SECOND ST
 Mailing Address 2: Not reported
 Mailing City,State,Zip: CAMBRIDGE, MA 2141
 Owner Name: FOUNDATION MEDICINE INC
 Owner Address: 150 SECOND ST
 Owner Address 2: Not reported
 Owner City,State,Zip: CAMBRIDGE, MA 2141
 Contact Name: SERENA HILL
 Contact Address: 11010 TORREYANA ROAD
 Contact Address 2: Not reported
 City,State,Zip: SAN DIEGO, CA 92121
 Facility Status: Active
 Facility Type: PERMANENT
 Category: STATE
 Latitude: 32.90581299
 Longitude: -117.238642

B37
West
< 1/8
0.017 mi.
89 ft.

FOUNDATION MEDICINE INC
11010 TORREYANA RD
SAN DIEGO, CA 92121
Site 4 of 4 in cluster B

RCRA NonGen / NLR 1026829247
CAL000464299

Relative:
Higher
Actual:
335 ft.

RCRA Listings:
 Date Form Received by Agency: 20210727
 Handler Name: FOUNDATION MEDICINE INC
 Handler Address: 11010 TORREYANA RD
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000464299
 Contact Name: TAYLOR DUCKWORTH
 Contact Address: 11010 TORREYANA RD
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 760-285-8660
 Contact Fax: Not reported
 Contact Email: TDUCKWORTH@FOUNDATIONMEDICINE.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 150 SECOND ST
 Mailing City,State,Zip: CAMBRIDGE, MA 02141
 Owner Name: FOUNDATION MEDICINE INC
 Owner Type: Other
 Operator Name: TAYLOR DUCKWORTH
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

FOUNDATION MEDICINE INC (Continued)

1026829247

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRC Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210812
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:
 Owner/Operator Indicator: Operator
 Owner/Operator Name: TAYLOR DUCKWORTH

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FOUNDATION MEDICINE INC (Continued)

1026829247

Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11010 TORREYANA RD
Owner/Operator City, State, Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 760-285-8660
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: FOUNDATION MEDICINE INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 150 SECOND ST
Owner/Operator City, State, Zip: CAMBRIDGE, MA 02141
Owner/Operator Telephone: 617-245-3188
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20210727
Handler Name: FOUNDATION MEDICINE INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 541715
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C38
North
< 1/8
0.039 mi.
207 ft.

BECKMAN COULTER INC
11085 TORREYANA RD
SAN DIEGO, CA 92121
Site 1 of 2 in cluster C

CA San Diego Co. HMMD
CA CERS HAZ WASTE
CA HAZNET
CA CERS
CA HWTS

S113007073
N/A

Relative:
Higher

HMMD SAN DIEGO:

Actual:
307 ft.

Name: BIOATLA, LLC
Address: 11085 TORREYANA RD
City,State,Zip: SAN DIEGO, CA 92121-1104
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000436269
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: (858) 558-0708
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 07/20/2022
Facility Owner: Not reported
Facility Mailing Address: 11085 Torreyana Road, Suite 100, San Diego, CA 92121
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:

Record ID: DEH2018-HUPFP-004327
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-004327
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 6434681
Return To Compliance Date: 2021-06-21T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-08-10T00:00:00.000
Inspection Date: 2021-05-21T00:00:00.000
Violation Code: 3030007 Failed to properly label/date hazardous waste container &/or tank. 22 CCR 66262.34(f)

Record ID: DEH2018-HUPFP-004327
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-004327
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 6434681
Return To Compliance Date: 2021-06-21T00:00:00.000
Nov: No
Violation Classification: Class II

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BECKMAN COULTER INC (Continued)

S113007073

Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-08-10T00:00:00.000
Inspection Date: 2021-05-21T00:00:00.000
Violation Code: 1010008 HMBP not certified as complete and accurate in CERS by the required due date. HSC 25508.2, 19 CCR 2654(b)

Record ID: DEH2018-HUPFP-004327
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-004327
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 6434681
Return To Compliance Date: 2021-06-21T00:00:00.000

Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-08-10T00:00:00.000
Inspection Date: 2021-05-21T00:00:00.000
Violation Code: 1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508.1(a-b); 19 CCR 2654 (a) or (d)

Record ID: DEH2018-HUPFP-004327
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-004327
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 6434681
Return To Compliance Date: 2021-06-21T00:00:00.000

Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-08-10T00:00:00.000
Inspection Date: 2021-05-21T00:00:00.000
Violation Code: 1010005 Site map not submitted in CERS or not sufficient. HSC 25505(a)(2); 25508.1(f); 19 CCR 2652(a)(3)

Waste and Materials:

Record ID: DEH2018-HUPFP-004327
Permit Status: Issued
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0182053
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-05-07T14:17:55.000
Chemical Name: Carbon Dioxide gas
Common Name: Carbon Dioxide gas
Case Number: 124-38-9

Record ID: DEH2018-HUPFP-004327
Permit Status: Issued
Active Permit: Y
Child Record Id: DEH2018-HWAST-0156314

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

BECKMAN COULTER INC (Continued)

S113007073

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-05-07T14:17:55.000
Chemical Name: Biohazardous Waste (Medical Solid Waste)
Common Name: Biohazardous Waste (General Red Bag Waste)
Case Number: Not reported

Record ID: DEH2018-HUPFP-004327
Permit Status: Issued
Active Permit: Y
Child Record Id: DEH2018-HWAST-0156315
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-05-07T14:17:55.000
Chemical Name: Liquid/Semi Liquid Biohazardous Waste
Common Name: Liquid/Semi Liquid Biohazardous Waste (bleached sewered)
Case Number: Not reported

Record ID: DEH2018-HUPFP-004327
Permit Status: Issued
Active Permit: Y
Child Record Id: DEH2018-HWAST-0156316
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-05-07T14:17:55.000
Chemical Name: Infectious Sharps Waste
Common Name: Infectious Sharps Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004327
Permit Status: Issued
Active Permit: Y
Child Record Id: DEH2018-HWAST-0156317
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-05-07T14:17:55.000
Chemical Name: ADC Purification Liquid Toxic Waste
Common Name: ADC Purification Liquid Toxic Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004327
Permit Status: Issued
Active Permit: Y
Child Record Id: DEH2018-HWAST-0156318
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-05-07T14:17:55.000
Chemical Name: Trace Chemotherapeutic solid debris waste
Common Name: Trace Chemotherapeutic solid debris waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004327
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0214842
Trade Secret: N
Hazardous Material Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BECKMAN COULTER INC (Continued)

S113007073

Last Updated: 2021-08-10T02:31:22.000
Chemical Name: Liquid/Semi Liquid Biohazardous Waste
Common Name: Liquid/Semi Liquid Biohazardous Waste (bleached sewered)
Case Number: Not reported

Record ID: DEH2018-HUPFP-004327
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0214843
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-10T02:31:22.000
Chemical Name: Biohazardous Waste (Medical Solid Waste)
Common Name: Biohazardous Waste (General Red Bag Waste)
Case Number: Not reported

Record ID: DEH2018-HUPFP-004327
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0243948
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:31:22.000
Chemical Name: Carbon Dioxide gas cylinder
Common Name: Carbon Dioxide gas cylinder
Case Number: 124-38-9

Record ID: DEH2018-HUPFP-004327
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0243949
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:31:22.000
Chemical Name: Nitrogen, Liquid
Common Name: Nitrogen, Liquid
Case Number: 7727-37-9

Record ID: DEH2018-HUPFP-004327
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0243950
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:31:22.000
Chemical Name: Oxygen
Common Name: Oxygen Gas
Case Number: 7782-44-7

Record ID: DEH2018-HUPFP-004327
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0214839
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-10T02:31:22.000
Chemical Name: Trace Chemotherapeutic solid debris waste

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BECKMAN COULTER INC (Continued)

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Common Name: Trace Chemotherapeutic solid debris waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004327
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0214840
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-10T02:31:22.000
Chemical Name: ADC Purification Liquid Toxic Waste
Common Name: ADC Purification Liquid Toxic Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004327
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0214841
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-10T02:31:22.000
Chemical Name: Infectious Sharps Waste
Common Name: Infectious Sharps Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004327
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196482
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-07-24T02:31:28.000
Chemical Name: Carbon Dioxide gas cylinder
Common Name: Carbon Dioxide gas cylinder
Case Number: 124-38-9

Record ID: DEH2018-HUPFP-004327
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196483
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-07-24T02:31:28.000
Chemical Name: Nitrogen, Liquid
Common Name: Nitrogen, Liquid
Case Number: 7727-37-9

Record ID: DEH2018-HUPFP-004327
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0169537
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-07-24T02:31:28.000
Chemical Name: Trace Chemotherapeutic solid debris waste
Common Name: Trace Chemotherapeutic solid debris waste
Case Number: Not reported

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BECKMAN COULTER INC (Continued)

S113007073

Record ID: DEH2018-HUPFP-004327
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0169538
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-07-24T02:31:28.000
Chemical Name: ADC Purification Liquid Toxic Waste
Common Name: ADC Purification Liquid Toxic Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004327
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0169539
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-07-24T02:31:28.000
Chemical Name: Infectious Sharps Waste
Common Name: Infectious Sharps Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004327
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0169540
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-07-24T02:31:28.000
Chemical Name: Liquid/Semi Liquid Biohazardous Waste
Common Name: Liquid/Semi Liquid Biohazardous Waste (bleached sewerd)
Case Number: Not reported

Record ID: DEH2018-HUPFP-004327
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0169541
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-07-24T02:31:28.000
Chemical Name: Biohazardous Waste (Medical Solid Waste)
Common Name: Biohazardous Waste (General Red Bag Waste)
Case Number: Not reported

CERS HAZ WASTE:

Name: BIOATLA, LLC
Address: 11085 TORREYANA RD
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 435052
CERS ID: 10758046
CERS Description: Hazardous Waste Generator

HAZNET:

Name: BECKMAN COULTER INC
Address: 11085 TORREYANA RD

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BECKMAN COULTER INC (Continued)

S113007073

Address 2:	Not reported
City,State,Zip:	SAN DIEGO, CA 921210000
Contact:	CHRIS ZDUNKIEWICZ
Telephone:	7147738541
Mailing Name:	Not reported
Mailing Address:	4300 N HARBOR BLVD
Year:	1996
Gepaid:	CAD981461627
TSD EPA ID:	UTD981552177
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	T03 - Treatment, Incineration
Tons:	0.0075
Year:	1996
Gepaid:	CAD981461627
TSD EPA ID:	UTD981552177
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	T03 - Treatment, Incineration
Tons:	0.07
Year:	1996
Gepaid:	CAD981461627
TSD EPA ID:	CAD050806850
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H01 - Transfer Station
Tons:	0.1
Year:	1996
Gepaid:	CAD981461627
TSD EPA ID:	CAD050806850
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	R01 - Recycler
Tons:	0.6625
Year:	1996
Gepaid:	CAD981461627
TSD EPA ID:	CAD050806850
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H01 - Transfer Station
Tons:	0.2875
Year:	1996
Gepaid:	CAD981461627
TSD EPA ID:	CAD050806850
CA Waste Code:	135 - Unspecified aqueous solution
Disposal Method:	H01 - Transfer Station
Tons:	0.0225
Year:	1996
Gepaid:	CAD981461627
TSD EPA ID:	CAD050806850
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	R01 - Recycler
Tons:	0.0025
Year:	1996

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BECKMAN COULTER INC (Continued)

S113007073

Gepaid:	CAD981461627
TSD EPA ID:	CAD050806850
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H01 - Transfer Station
Tons:	0.0275
Year:	1996
Gepaid:	CAD981461627
TSD EPA ID:	CAD050806850
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	R01 - Recycler
Tons:	0.0725
Year:	1995
Gepaid:	CAD981461627
TSD EPA ID:	CAD050806850
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	T01 - Treatment, Tank
Tons:	0.1

[Click this hyperlink](#) while viewing on your computer to access 51 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	1996
Gen EPA ID:	CAD981461627
Shipment Date:	19961216
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19970106
Manifest ID:	95538942
Trans EPA ID:	DED980918858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961211
Creation Date:	9/12/1997 0:00:00
Receipt Date:	19961213
Manifest ID:	95539015
Trans EPA ID:	DED980918858

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BECKMAN COULTER INC (Continued)

S113007073

Trans Name: Not reported
Trans 2 EPA ID: CAD000946392
Trans 2 Name: Not reported
TSDF EPA ID: CAD050806850
Trans Name: Not reported
TSDF Alt EPA ID: CAD050806850
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.25
Waste Quantity: 500
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19961211
Creation Date: 9/12/1997 0:00:00
Receipt Date: 19961213
Manifest ID: 95539015
Trans EPA ID: DED980918858
Trans Name: Not reported
Trans 2 EPA ID: CAD000946392
Trans 2 Name: Not reported
TSDF EPA ID: CAD050806850
Trans Name: Not reported
TSDF Alt EPA ID: CAD050806850
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.125
Waste Quantity: 250
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19961211
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19961213
Manifest ID: 95539016
Trans EPA ID: DED980918858
Trans Name: Not reported
Trans 2 EPA ID: CAD000946392
Trans 2 Name: Not reported
TSDF EPA ID: CAD050806850
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D011

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BECKMAN COULTER INC (Continued)

S113007073

Meth Code: H01 - Transfer Station
Quantity Tons: 0.01
Waste Quantity: 20
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19961211
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19961213
Manifest ID: 95539016
Trans EPA ID: DED980918858
Trans Name: Not reported
Trans 2 EPA ID: CAD000946392
Trans 2 Name: Not reported
TSDF EPA ID: CAD050806850
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0125
Waste Quantity: 25
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19961211
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19961213
Manifest ID: 95539016
Trans EPA ID: DED980918858
Trans Name: Not reported
Trans 2 EPA ID: CAD000946392
Trans 2 Name: Not reported
TSDF EPA ID: CAD050806850
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D007
Meth Code: H01 - Transfer Station
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

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Shipment Date: 19961211
Creation Date: 9/12/1997 0:00:00
Receipt Date: 19961213
Manifest ID: 95539015
Trans EPA ID: DED980918858
Trans Name: Not reported
Trans 2 EPA ID: CAD000946392
Trans 2 Name: Not reported
TSDf EPA ID: CAD050806850
Trans Name: Not reported
TSDf Alt EPA ID: CAD050806850
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.03
Waste Quantity: 60
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19961211
Creation Date: 9/12/1997 0:00:00
Receipt Date: 19961213
Manifest ID: 95539015
Trans EPA ID: DED980918858
Trans Name: Not reported
Trans 2 EPA ID: CAD000946392
Trans 2 Name: Not reported
TSDf EPA ID: CAD050806850
Trans Name: Not reported
TSDf Alt EPA ID: CAD050806850
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.0425
Waste Quantity: 85
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19960716
Creation Date: 12/4/1997 0:00:00
Receipt Date: 19960725
Manifest ID: 95539941
Trans EPA ID: DED980918858
Trans Name: Not reported
Trans 2 EPA ID: OKD981588791
Trans 2 Name: Not reported
TSDf EPA ID: UTD981552177

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BECKMAN COULTER INC (Continued)

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Trans Name: Not reported
TSDf Alt EPA ID: UTD981552177
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: T03 - Treatment, Incineration
Quantity Tons: 0.004
Waste Quantity: 8
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19960716
Creation Date: 12/4/1997 0:00:00
Receipt Date: 19960725
Manifest ID: 95539941
Trans EPA ID: DED980918858
Trans Name: Not reported
Trans 2 EPA ID: OKD981588791
Trans 2 Name: Not reported
TSDf EPA ID: UTD981552177
Trans Name: Not reported
TSDf Alt EPA ID: UTD981552177
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: T03 - Treatment, Incineration
Quantity Tons: 0.0075
Waste Quantity: 15
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1995
Gen EPA ID: CAD981461627

Shipment Date: 19951019
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951026
Manifest ID: 95274117
Trans EPA ID: DED980918858
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD050806850
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.

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BECKMAN COULTER INC (Continued)

S113007073

RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.225
Waste Quantity:	450
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951019
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951026
Manifest ID:	95274117
Trans EPA ID:	DED980918858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD050806850
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951019
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951026
Manifest ID:	95274118
Trans EPA ID:	DED980918858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD050806850
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

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BECKMAN COULTER INC (Continued)

S113007073

Additional Code 5:	Not reported
Shipment Date:	19951012
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951024
Manifest ID:	95274125
Trans EPA ID:	DED980918858
Trans Name:	Not reported
Trans 2 EPA ID:	DED981110166
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD050806850
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951012
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951024
Manifest ID:	95274125
Trans EPA ID:	DED980918858
Trans Name:	Not reported
Trans 2 EPA ID:	DED981110166
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD050806850
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.225
Waste Quantity:	450
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950713
Creation Date:	4/3/1996 0:00:00
Receipt Date:	19950719
Manifest ID:	93183892
Trans EPA ID:	DED980918858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

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BECKMAN COULTER INC (Continued)

S113007073

Trans 2 Name: Not reported
TSDF EPA ID: CAD050806850
Trans Name: Not reported
TSDF Alt EPA ID: CAD050806850
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.5
Waste Quantity: 1000
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950713
Creation Date: 4/3/1996 0:00:00
Receipt Date: 19950719
Manifest ID: 93183892
Trans EPA ID: DED980918858
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD050806850
Trans Name: Not reported
TSDF Alt EPA ID: CAD050806850
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.25
Waste Quantity: 500
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950713
Creation Date: 4/3/1996 0:00:00
Receipt Date: 19950719
Manifest ID: 93183892
Trans EPA ID: DED980918858
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD050806850
Trans Name: Not reported
TSDF Alt EPA ID: CAD050806850
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: T01 - Treatment, Tank
Quantity Tons: 0.1

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Database(s) EDR ID Number
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BECKMAN COULTER INC (Continued)

S113007073

Waste Quantity: 200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950713
Creation Date: 4/3/1996 0:00:00
Receipt Date: 19950719
Manifest ID: 93183892
Trans EPA ID: DED980918858
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD050806850
Trans Name: Not reported
TSDf Alt EPA ID: CAD050806850
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.45
Waste Quantity: 900
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950406
Creation Date: 4/2/1996 0:00:00
Receipt Date: 19950411
Manifest ID: 93183981
Trans EPA ID: DED980918858
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD050806850
Trans Name: Not reported
TSDf Alt EPA ID: CAD050806850
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.075
Waste Quantity: 150
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

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BECKMAN COULTER INC (Continued)

S113007073

Additional Info:

Year:	1994
Gen EPA ID:	CAD981461627
Shipment Date:	19941129
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941206
Manifest ID:	93731249
Trans EPA ID:	DED980918858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD050806850
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD050806850
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941129
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941206
Manifest ID:	93731250
Trans EPA ID:	DED980918858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD050806850
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD050806850
TSDf Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941114
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941122
Manifest ID:	93731252
Trans EPA ID:	DED980918858

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BECKMAN COULTER INC (Continued)

S113007073

Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD050806850
Trans Name: Not reported
TSDf Alt EPA ID: CAD050806850
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D009
Meth Code: R01 - Recycler
Quantity Tons: 0.002
Waste Quantity: 4
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19941006
Creation Date: 3/28/1996 0:00:00
Receipt Date: 19941012
Manifest ID: 93730919
Trans EPA ID: DED980918858
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD050806850
Trans Name: Not reported
TSDf Alt EPA ID: CAD050806850
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.075
Waste Quantity: 150
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19941006
Creation Date: 3/28/1996 0:00:00
Receipt Date: 19941012
Manifest ID: 93730919
Trans EPA ID: DED980918858
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD050806850
Trans Name: Not reported
TSDf Alt EPA ID: CAD050806850
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BECKMAN COULTER INC (Continued)

S113007073

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941006
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941012
Manifest ID:	93730919
Trans EPA ID:	DED980918858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD050806850
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD050806850
TSDf Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940804
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940810
Manifest ID:	93183835
Trans EPA ID:	DED980918858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD050806850
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD050806850
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D009
Meth Code:	R01 - Recycler
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BECKMAN COULTER INC (Continued)

S113007073

Shipment Date:	19940714
Creation Date:	10/16/1995 0:00:00
Receipt Date:	19940720
Manifest ID:	93183656
Trans EPA ID:	DED980918858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940708
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940714
Manifest ID:	93183665
Trans EPA ID:	DED980918858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD050806850
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940708
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940714
Manifest ID:	93183662
Trans EPA ID:	DED980918858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

BECKMAN COULTER INC (Continued)

S113007073

Trans Name: Not reported
TSDf Alt EPA ID: CAD050806850
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1993
Gen EPA ID: CAD981461627

Shipment Date: 19931028
Creation Date: 9/12/1995 0:00:00
Receipt Date: Not reported
Manifest ID: 92058285
Trans EPA ID: DED980918858
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD050806850
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: D001
Meth Code: - Not reported
Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930730
Creation Date: 9/12/1995 0:00:00
Receipt Date: 19930811
Manifest ID: 92058240
Trans EPA ID: DED980918858
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD050806850
Trans Name: Not reported
TSDf Alt EPA ID: CAD050806850
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: F002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

BECKMAN COULTER INC (Continued)

S113007073

Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.07
Waste Quantity:	140
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930730
Creation Date:	9/12/1995 0:00:00
Receipt Date:	19930811
Manifest ID:	92058240
Trans EPA ID:	DED980918858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD050806850
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930730
Creation Date:	9/12/1995 0:00:00
Receipt Date:	19930811
Manifest ID:	92058240
Trans EPA ID:	DED980918858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD050806850
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BECKMAN COULTER INC (Continued)

S113007073

Shipment Date: 19930428
Creation Date: 9/8/1995 0:00:00
Receipt Date: 19930506
Manifest ID: 92058182
Trans EPA ID: DED980918858
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD050806850
Trans Name: Not reported
TSDf Alt EPA ID: CAD050806850
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.225
Waste Quantity: 450
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930128
Creation Date: 9/7/1995 0:00:00
Receipt Date: 19930204
Manifest ID: 92058143
Trans EPA ID: DED980918858
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD050806850
Trans Name: Not reported
TSDf Alt EPA ID: CAD050806850
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.225
Waste Quantity: 450
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:

Name: BIOATLA, LLC
Address: 11085 TORREYANA RD
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 435052
CERS ID: 10758046
CERS Description: Chemical Storage Facilities

Violations:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

BECKMAN COULTER INC (Continued)

S113007073

Site ID: 435052
Site Name: BioAtla, LLC
Violation Date: 05-21-2021
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 06/21/2021. Inspection Sequence ID:6434681
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 435052
Site Name: BioAtla, LLC
Violation Date: 05-21-2021
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 06/21/2021. Inspection Sequence ID:6434681
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 435052
Site Name: BioAtla, LLC
Violation Date: 05-21-2021
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 06/21/2021. Inspection Sequence ID:6434681
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 435052
Site Name: BioAtla, LLC
Violation Date: 05-21-2021
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 06/21/2021. Inspection Sequence ID:6434681
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-21-2021
Violations Found: Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

BECKMAN COULTER INC (Continued)

S113007073

Eval Type: Routine done by local agency
Eval Notes: Inspector: Daniel Aisha Inspection ID:6434681
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-04-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5962107
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-21-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Daniel Aisha Inspection ID:6434681
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-04-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5962107
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Coordinates:
Site ID: 435052
Facility Name: BioAtla, LLC
Env Int Type Code: HMBP
Program ID: 10758046
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 32.906740
Longitude: -117.236830

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Monica Sullivan
Entity Title: Not reported
Affiliation Address: 11085 Torreyana Road, Suite 100
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Monica Sullivan

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BECKMAN COULTER INC (Continued)

S113007073

Entity Title: VP, IP and Contracts
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: BioAtla, LLC
Entity Title: Not reported
Affiliation Address: 11085 Torreyana Road, Suite 100
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 558-0708,

Affiliation Type Desc: Parent Corporation
Entity Name: BioAtla
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: CBRE, INC.
Entity Title: Not reported
Affiliation Address: 4301 La Jolla Village Dr #3000
Affiliation City: San diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92122
Affiliation Phone: (858) 546-4600,

Affiliation Type Desc: Operator
Entity Name: BioAtla, LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 558-0708,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 11085 Torreyana Road
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BECKMAN COULTER INC (Continued)

S113007073

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
Entity Name: Occupational Services, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

HWTS:

Name: BECKMAN COULTER INC
Address: 11085 TORREYANA RD
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAD981461627
Inactive Date: 06/30/1998
Create Date: 04/10/1987
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 4300 N HARBOR BLVD
Mailing Address 2: Not reported
Mailing City,State,Zip: FULLERTON, CA 928342607
Owner Name: BECKMAN COULTER INC
Owner Address: 4300 N HARBOR BLVD
Owner Address 2: Not reported
Owner City,State,Zip: FULLERTON, CA 928342607
Contact Name: CHRIS ZDUNKIEWICZ
Contact Address: INACTIVE PER VQ98 - BMI
Contact Address 2: Not reported
City,State,Zip: FULLERTON, CA 928342607
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 32.905373
Longitude: -117.238049

NAICS:

EPA ID: CAD981461627
Create Date: 2002-03-14 16:36:26.000
NAICS Code: 32541
NAICS Description: Pharmaceutical and Medicine Manufacturing
Issued EPA ID Date: 1987-04-10 00:00:00
Inactive Date: 1998-06-30 00:00:00
Facility Name: BECKMAN COULTER INC
Facility Address: 11085 TORREYANA RD

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

BECKMAN COULTER INC (Continued)

S113007073

Facility Address 2: Not reported
 Facility City: SAN DIEGO
 Facility County: Not reported
 Facility State: CA
 Facility Zip: 921210000

C39
North
< 1/8
0.039 mi.
207 ft.

BIOATLA LLC
11085 TORREYANA RD
SAN DIEGO, CA 92121
Site 2 of 2 in cluster C

RCRA NonGen / NLR 1024867673
CAL000436269

Relative:
Higher

RCRA Listings: 20180517
 Date Form Received by Agency: 20180517
 Handler Name: BIOATLA LLC
 Handler Address: 11085 TORREYANA RD
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000436269
 Contact Name: MONICA SULLIVAN
 Contact Address: 11085 TORREYANA RD
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-558-0708
 Contact Fax: Not reported
 Contact Email: MSULLIVAN2BIOATLA.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 11085 TORREYANA RD
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: BIOATLA LLC
 Owner Type: Other
 Operator Name: MONICA SULLIVAN
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: Yes
 Universal Waste Destination Facility: Yes
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BIOATLA LLC (Continued)

1024867673

Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDs Where RCRA CA has Been Imposed Universe: No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180907
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: BIOATLA LLC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11085 TORREYANA RD
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-558-0708
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MONICA SULLIVAN
Legal Status: Other
Date Became Current: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

BIOATLA LLC (Continued)

1024867673

Date Ended Current: Not reported
 Owner/Operator Address: 11085 TORREYANA RD
 Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
 Owner/Operator Telephone: 858-558-0708
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20180517
 Handler Name: BIOATLA LLC
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 541715
 NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

D40
SW
< 1/8
0.043 mi.
225 ft.

ARE-SD REGION NO. 33, LLC.
10996 TORREYANA RD, SUITE 250
SAN DIEGO, CA 92121

RCRA NonGen / NLR 1026046852
CAC003053360

Site 1 of 3 in cluster D

Relative:
Higher
Actual:
342 ft.

RCRA Listings:
 Date Form Received by Agency: 20200129
 Handler Name: ARE-SD REGION NO. 33, LLC.
 Handler Address: 10996 TORREYANA RD, SUITE 250
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAC003053360
 Contact Name: IZEAR WILLIAMS
 Contact Address: 10996 TORREYANA RD, SUITE 250
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-368-4168
 Contact Fax: Not reported
 Contact Email: IWILLIAMS@ARE.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

ARE-SD REGION NO. 33, LLC. (Continued)

1026046852

Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		10996 TORREYANA RD, SUITE 250
Mailing City,State,Zip:		SAN DIEGO, CA 92121
Owner Name:	ALEXANDRIA REAL ESTATE	EQUITIES,INC
Owner Type:		Other
Operator Name:	IZEAR WILLIAMS	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSD Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ARE-SD REGION NO. 33, LLC. (Continued)

1026046852

Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20200210
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: ALEXANDRIA REAL ESTATE EQUITIES,INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10996 TORREYANA RD, SUITE 250
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-368-4168
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: IZEAR WILLIAMS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10996 TORREYANA RD, SUITE 250
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-368-4168
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20200129
Handler Name: ARE-SD REGION NO. 33, LLC.
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 525990
NAICS Description: OTHER FINANCIAL VEHICLES

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

ARE-SD REGION NO. 33, LLC. (Continued)

1026046852

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

**D41
 SW
 < 1/8
 0.062 mi.
 328 ft.**

**PHARMINGEN
 10975 TORREYANNA RD
 SAN DIEGO, CA 92121**

**RCRA NonGen / NLR 1024797906
 CAL000194141**

Site 2 of 3 in cluster D

**Relative:
 Higher
 Actual:
 348 ft.**

RCRA Listings:
 Date Form Received by Agency: 19980409
 Handler Name: PHARMINGEN
 Handler Address: 10975 TORREYANNA RD
 Handler City,State,Zip: SAN DIEGO, CA 92121-1111
 EPA ID: CAL000194141
 Contact Name: BEN BAIZE
 Contact Address: 10975 TORREYANA RD
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-926-8047
 Contact Fax: 858-812-3749
 Contact Email: BEN.BAIZE@BD.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 10975 TORREYANA RD
 Mailing City,State,Zip: SAN DIEGO, CA 92121-1106
 Owner Name: BECTON DICKINSON
 Owner Type: Other
 Operator Name: BEN BAIZE
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: Yes
 Universal Waste Destination Facility: Yes
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

PHARMINGEN (Continued)

1024797906

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: BEN BAIZE	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10975 TORREYANA RD
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	858-926-8047
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: BECTON DICKINSON	
Legal Status:	Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHARMINGEN (Continued)

1024797906

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1 BECTON DR
Owner/Operator City,State,Zip: FRANKLIN LAKES, NJ 07417-0000
Owner/Operator Telephone: 201-847-6800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19980409
Handler Name: PHARMINGEN
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 54171
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

D42
SW
< 1/8
0.062 mi.
328 ft.

BD BIOSCIENCES (PHARMIGEN)
10975 TORREYANA RD
SAN DIEGO, CA 92121

CA San Diego Co. HMMD **S104754689**
CA CERS HAZ WASTE **N/A**
CA CERS

Site 3 of 3 in cluster D

Relative:
Higher
Actual:
348 ft.

HMMD SAN DIEGO:

Name: BD BIOSCIENCES (PHARMIGEN)
Address: 10975 TORREYANA RD
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 134886
Business Type: 6HK67
EPA Id Number: CAL000194141
APN: 340-010-54-00
Last HMMD Inspection: 08/17/2010
Facility Telephone: 858-812-8800
Permit Status: EXPR
Permit Expiration: 10/31/2012
Date Last Updated: 11/02/2012
Facility Owner: BD BIOSCIENCES (PHARMIGEN)
Facility Mailing Address: 10975 TORREYANA RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 134886
Update Date: 11/02/2012
Case Number: MIXTURE
Name: AIR, COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 134886
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE, CO2, 99%, COMPRESSED
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 134886
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134886
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL FUEL OIL; IN EMERGENCY GENERATOR.
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 134886
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 134886

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN, N2, 99%, LIQUIFIED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 134886
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 134886
Update Date: 11/02/2012
Case Number: MIX
Name: TRIDENT WATER TREATMENT: NAOH MIXTURE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 134886
Update Date: 11/02/2012
Case Number: MIX
Name: TRIDENT WATER TREATMENT: POLYMALEIC ACID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 134886
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 541 PHOTOCHEM/PHOTOPROC WASTE
Other Information: HAULER: FIXER TREATMENT SYSTEMS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134886
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: OFF-SPEC CHMLS/AST LB WST
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134886
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 741 LIQ W HALOG ORG >OR= 1000MG/L

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

Other Information: XYLENE, CHLOROFORM, SOLVENTS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134886
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 751 SOLD/SLDG W HAL ORG>=1000MG/KG
Other Information: XYLENE, METHANOL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134886
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134886
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 905 INFECTIOUS WASTE, LAB
Other Information: RED BAGS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Name: BD BIOSCIENCES (PHARMIGEN)
Address: 10975 TORREYANA RD
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 134886
Business Type: 6HK67
EPA Id Number: CAL000194141
APN: 340-010-54-00
Last HMMD Inspection: 08/17/2010
Facility Telephone: 858-812-8800
Permit Status: EXPR
Permit Expiration: 10/31/2012
Date Last Updated: 11/02/2012
Facility Owner: BD BIOSCIENCES (PHARMIGEN)
Facility Mailing Address: 10975 TORREYANA RD
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

Inventory Active Permits (not SQG Medical):

Permit Number: 134886
Update Date: 11/02/2012
Case Number: MIXTURE
Name: AIR, COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 134886
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE, CO2, 99%, COMPRESSED
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 134886
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134886
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL FUEL OIL; IN EMERGENCY GENERATOR.
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 134886
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 134886
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN, N2, 99%, LIQUIFIED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 134886
Update Date: 11/02/2012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

Case Number: 7782-44-7
Name: OXYGEN
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 134886
Update Date: 11/02/2012
Case Number: MIX
Name: TRIDENT WATER TREATMENT: NAOH MIXTURE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 134886
Update Date: 11/02/2012
Case Number: MIX
Name: TRIDENT WATER TREATMENT: POLYMALEIC ACID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 134886
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 541 PHOTOCHEM/PHOTOPROC WASTE
Other Information: HAULER: FIXER TREATMENT SYSTEMS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134886
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: OFF-SPEC CHMLS/AST LB WST
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134886
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 741 LIQ W HALOG ORG >OR= 1000MG/L
Other Information: XYLENE, CHLOROFORM, SOLVENTS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134886
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 751 SOLD/SLDG W HAL ORG >=1000MG/KG
Other Information: XYLENE, METHANOL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134886
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134886
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 905 INFECTIOUS WASTE, LAB
Other Information: RED BAGS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Name: BD BIOSCIENCES (PHARMIGEN)
Address: 10975 TORREYANA RD
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000194141
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 858-812-8800
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 11/02/2022
Facility Owner: Not reported
Facility Mailing Address: 10975 TORREYANA RD, SAN DIEGO, CA 92121
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:
Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-134886
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 4088788
Return To Compliance Date: 2014-05-27T00:00:00.000
Nov: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-06-08T01:40:31.000
Inspection Date: 2014-05-14T08:20:00.000
Violation Code: 3030007 Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.; 22 CCR 12 66262.34(f).

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-134886
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 4088788
Return To Compliance Date: 2014-05-27T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-06-08T01:40:31.000
Inspection Date: 2014-05-14T08:20:00.000
Violation Code: 3030017 Failure to properly close hazardous waste containers when not in active use.; 22 CCR 12 66262.34(d)(2); 40 CFR 1 265.173.

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-134886
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 6129867
Return To Compliance Date: 2019-04-26T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-06-08T01:40:31.000
Inspection Date: 2019-04-24T08:24:38.000
Violation Code: 3030058 Failed to mark date on empty container larger than 5 gallons &/or manage it within one year. 22 CCR 66261.7(f)

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-134886
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 4088788
Return To Compliance Date: 2014-06-20T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
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BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

Last Update: 2022-06-08T01:40:31.000
Inspection Date: 2014-05-14T08:20:00.000
Violation Code: 1010007 Failure to submit a revised business plan upon a substantial change in the handler's operations; HSC 6.95 25505(b).

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-134886
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 5073127
Return To Compliance Date: 2015-08-13T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-06-08T01:40:31.000
Inspection Date: 2015-07-31T00:00:00.000
Violation Code: 3030005 Failed to make a proper waste determination. 22 CCR 66262.11, 66262.40(c)

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-134886
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 5073127
Return To Compliance Date: 2016-02-22T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-06-08T01:40:31.000
Inspection Date: 2015-07-31T00:00:00.000
Violation Code: 1020001 Employee training plan for hazardous materials management not adequate, not established or not submitted in CERS. HSC 25505(a)(4) and 25508(a)(1)(A)

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-134886
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 5073127
Return To Compliance Date: 2015-08-05T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-06-08T01:40:31.000
Inspection Date: 2015-07-31T00:00:00.000
Violation Code: 3030011 Failed to properly dispose of universal waste within one year. 22 CCR 66273.35(a) and/or (b)

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S104754689

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-134886
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 4088788
Return To Compliance Date: 2014-05-14T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-06-08T01:40:31.000
Inspection Date: 2014-05-14T08:20:00.000
Violation Code: HMD1001 Unified Program Facility (UPF) permit was not obtained for the handling of hazardous materials; SDCC 68.905.

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-134886
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 6129867
Return To Compliance Date: Not reported
Nov: Not reported
Violation Classification: Not reported
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-06-08T01:40:31.000
Inspection Date: 2019-04-24T08:24:38.000
Violation Code: HMD0001 STORAGE AND HANDLING

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-134886
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 4088788
Return To Compliance Date: 2014-05-14T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-06-08T01:40:31.000
Inspection Date: 2014-05-14T08:20:00.000
Violation Code: HMD0131 No Unified Program Facility (UPF) permit not obtained for the generation of hazardous waste. SDCC 68.905.

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-134886
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 6129867

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BD BIOSCIENCES (PHARMIGEN) (Continued)

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Return To Compliance Date: 2019-04-24T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2019-04-25T08:24:40.000
Inspection Date: 2019-04-24T08:24:38.000
Violation Code: 1010004 Chemical inventory incomplete or not submitted in CERS. HSC
25505(a)(1); 25507(a); 25508.1(a-b); 19 CCR 2654 (a) or (d)

Waste and Materials:

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0110156
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-27T02:32:50.000
Chemical Name: AIR, COMPRESSED GAS
Common Name: AIR, COMPRESSED GAS
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0110157
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-09-27T02:32:50.000
Chemical Name: DIESEL FUEL OIL; IN EMERGENCY GENERATOR.
Common Name: DIESEL FUEL OIL; IN EMERGENCY GENERATOR.
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0110158
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-09-27T02:32:50.000
Chemical Name: CARBON DIOXIDE, C02, 99%, COMPRESSED
Common Name: CARBON DIOXIDE, C02, 99%, COMPRESSED
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0110159
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-27T02:32:50.000
Chemical Name: TRIDENT WATER TREATMENT: POLYMALEIC ACID
Common Name: TRIDENT WATER TREATMENT: POLYMALEIC ACID
Case Number: MIX

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed

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BD BIOSCIENCES (PHARMIGEN) (Continued)

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Active Permit: Y
Child Record Id: DEH2016-HCHEM-0110160
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-09-27T02:32:50.000
Chemical Name: NITROGEN
Common Name: NITROGEN
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0110161
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-09-27T02:32:50.000
Chemical Name: NITROGEN, N2, 99%, LIQUIFIED GAS
Common Name: NITROGEN, N2, 99%, LIQUIFIED GAS
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0110162
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-09-27T02:32:50.000
Chemical Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Common Name: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0110163
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-27T02:32:50.000
Chemical Name: TRIDENT WATER TREATMENT: NAOH MIXTURE
Common Name: TRIDENT WATER TREATMENT: NAOH MIXTURE
Case Number: MIX

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0110164
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-09-27T02:32:50.000
Chemical Name: OXYGEN
Common Name: OXYGEN
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0091554

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BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-09-27T02:32:50.000
Chemical Name: WASTE 751 SOLD/SLD G W HAL ORG >=1000MG/KG
Common Name: WASTE 751 SOLD/SLD G W HAL ORG >=1000MG/KG
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0091555
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-09-27T02:32:50.000
Chemical Name: Solvent Waste
Common Name: Off-Spec Chemical Laboratory Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0091556
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-09-27T02:32:50.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0091557
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-09-27T02:32:50.000
Chemical Name: WASTE 741 LIQ W HALOG ORG >OR= 1000MG/L
Common Name: XYLENE, CHLOROFORM, SOLVENTS
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0091558
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-09-27T02:32:50.000
Chemical Name: WASTE 905 INFECTIOUS WASTE, LAB
Common Name: RED BAGS
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0091559
Trade Secret: N
Hazardous Material Type: Not reported

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BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

Last Updated: 2017-09-27T02:32:50.000
Chemical Name: Sodium Hydroxide Waste
Common Name: Sodium Hydroxide Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0091560
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-09-27T02:32:50.000
Chemical Name: Buffer Solutions Waste
Common Name: Buffer Solutions Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0091561
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-09-27T02:32:50.000
Chemical Name: Guanidine hydrochloride Waste
Common Name: Guanidine hydrochloride Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0091562
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-09-27T02:32:50.000
Chemical Name: Liquid/Semi-Liquid Biohazardous Waste
Common Name: Liquid Biohazardous Waste, Treated & Sewered
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0218877
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-02-28T00:48:37.000
Chemical Name: CARBON DIOXIDE, C02, 99%, COMPRESSED
Common Name: CARBON DIOXIDE, C02, 99%, COMPRESSED
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0218878
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-02-28T00:48:37.000
Chemical Name: TRIDENT WATER TREATMENT: POLYMALEIC ACID

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BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

Common Name: TRIDENT WATER TREATMENT: POLYMALEIC ACID
Case Number: MIX

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0218879
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-02-28T00:48:37.000
Chemical Name: NITROGEN
Common Name: NITROGEN
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188558
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-02-28T00:48:38.000
Chemical Name: Guanidine hydrochloride Waste
Common Name: Guanidine hydrochloride Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188559
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-02-28T00:48:38.000
Chemical Name: Liquid/Semi-Liquid Biohazardous Waste
Common Name: Liquid Biohazardous Waste, Treated & Sewered
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0179085
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-02-09T01:08:42.000
Chemical Name: Sodium Hydroxide Waste
Common Name: Sodium Hydroxide Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0207163
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-02-09T01:08:41.000
Chemical Name: AIR, COMPRESSED GAS
Common Name: AIR, COMPRESSED GAS
Case Number: MIXTURE

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BD BIOSCIENCES (PHARMIGEN) (Continued)

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Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0207164
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-02-09T01:08:41.000
Chemical Name: DIESEL FUEL OIL; IN EMERGENCY GENERATOR.
Common Name: DIESEL FUEL OIL; IN EMERGENCY GENERATOR.
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0207165
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-02-09T01:08:41.000
Chemical Name: CARBON DIOXIDE, C02, 99%, COMPRESSED
Common Name: CARBON DIOXIDE, C02, 99%, COMPRESSED
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0207166
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-02-09T01:08:41.000
Chemical Name: TRIDENT WATER TREATMENT: POLYMALEIC ACID
Common Name: TRIDENT WATER TREATMENT: POLYMALEIC ACID
Case Number: MIX

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0207167
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-02-09T01:08:41.000
Chemical Name: NITROGEN
Common Name: NITROGEN
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0207168
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-02-09T01:08:41.000
Chemical Name: NITROGEN, N2, 99%, LIQUIFIED GAS
Common Name: NITROGEN, N2, 99%, LIQUIFIED GAS
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed

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Active Permit: Y
Child Record Id: DEH2019-HCHEM-0207169
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-02-09T01:08:41.000
Chemical Name: TRIDENT WATER TREATMENT: NAOH MIXTURE
Common Name: TRIDENT WATER TREATMENT: NAOH MIXTURE
Case Number: MIX

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0207170
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-02-09T01:08:41.000
Chemical Name: Oxygen
Common Name: Oxygen Gas
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0179080
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-02-09T01:08:42.000
Chemical Name: WASTE 751 SOLD/SLDG W HAL ORG>=1000MG/KG
Common Name: Lab Debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0179081
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-02-09T01:08:42.000
Chemical Name: Off Spec Lab Waste
Common Name: Off-Spec Lab Pack
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0179082
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-02-09T01:08:42.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: Sharps Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0179083

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BD BIOSCIENCES (PHARMIGEN) (Continued)

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Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-02-09T01:08:42.000
Chemical Name: WASTE 741 LIQ W HALOG ORG >OR= 1000MG/L
Common Name: XYLENE, CHLOROFORM, SOLVENTS
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0179084
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-02-09T01:08:42.000
Chemical Name: WASTE 905 INFECTIOUS WASTE, LAB
Common Name: RED BAG Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0179086
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-02-09T01:08:42.000
Chemical Name: Guanidine hydrochloride Waste
Common Name: Guanidine hydrochloride Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0179087
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-02-09T01:08:42.000
Chemical Name: Liquid/Semi-Liquid Biohazardous Waste
Common Name: Liquid Biohazardous Waste, Treated & Sewered
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254647
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-11-18T02:34:43.000
Chemical Name: TRIDENT WATER TREATMENT: POLYMALEIC ACID
Common Name: TRIDENT WATER TREATMENT: POLYMALEIC ACID
Case Number: MIX

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0224358
Trade Secret: N
Hazardous Material Type: Not reported

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Last Updated: 2020-11-18T02:34:43.000
Chemical Name: Off Spec Lab Waste
Common Name: Off-Spec Lab Pack
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0224359
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-18T02:34:43.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: Sharps Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0224361
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-18T02:34:43.000
Chemical Name: WASTE 905 INFECTIOUS WASTE, LAB
Common Name: RED BAG Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0185159
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-24T19:18:44.000
Chemical Name: CARBON DIOXIDE, C02, 99%, COMPRESSED
Common Name: CARBON DIOXIDE, C02, 99%, COMPRESSED
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0185162
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-24T19:18:44.000
Chemical Name: NITROGEN, N2, 99%, LIQUIFIED GAS
Common Name: NITROGEN, N2, 99%, LIQUIFIED GAS
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0159669
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-24T19:18:44.000
Chemical Name: Sodium Hydroxide Waste

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BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

Common Name: Sodium Hydroxide Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0159671
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-24T19:18:44.000
Chemical Name: Guanidine hydrochloride Waste
Common Name: Guanidine hydrochloride Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0159672
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-24T19:18:44.000
Chemical Name: Liquid/Semi-Liquid Biohazardous Waste
Common Name: Liquid Biohazardous Waste, Treated & Sewered
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0218875
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-02-28T00:48:37.000
Chemical Name: AIR, COMPRESSED GAS
Common Name: AIR, COMPRESSED GAS
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0218876
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-02-28T00:48:37.000
Chemical Name: DIESEL FUEL OIL; IN EMERGENCY GENERATOR.
Common Name: DIESEL FUEL OIL; IN EMERGENCY GENERATOR.
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0218880
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-02-28T00:48:37.000
Chemical Name: NITROGEN, N2, 99%, LIQUIFIED GAS
Common Name: NITROGEN, N2, 99%, LIQUIFIED GAS
Case Number: 7727-37-9

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0218881
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-02-28T00:48:37.000
Chemical Name: TRIDENT WATER TREATMENT: NAOH MIXTURE
Common Name: TRIDENT WATER TREATMENT: NAOH MIXTURE
Case Number: MIX

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0218882
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-02-28T00:48:37.000
Chemical Name: Oxygen
Common Name: Oxygen Gas
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188552
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-02-28T00:48:38.000
Chemical Name: WASTE 751 SOLD/SLDG W HAL ORG>=1000MG/KG
Common Name: Lab Debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188553
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-02-28T00:48:38.000
Chemical Name: Off Spec Lab Waste
Common Name: Off-Spec Lab Pack
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188554
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-02-28T00:48:38.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: Sharps Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

Active Permit: Y
Child Record Id: DEH2019-HWAST-0188555
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-02-28T00:48:38.000
Chemical Name: WASTE 741 LIQ W HALOG ORG >OR= 1000MG/L
Common Name: XYLENE, CHLOROFORM, SOLVENTS
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188556
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-02-28T00:48:38.000
Chemical Name: WASTE 905 INFECTIOUS WASTE, LAB
Common Name: RED BAG Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188557
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-02-28T00:48:38.000
Chemical Name: Sodium Hydroxide Waste
Common Name: Sodium Hydroxide Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0299045
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-12T02:33:16.000
Chemical Name: TRIDENT WATER TREATMENT: NAOH MIXTURE
Common Name: TRIDENT WATER TREATMENT: NAOH MIXTURE
Case Number: MIX

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0299046
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-10-12T02:33:16.000
Chemical Name: Oxygen
Common Name: Oxygen Gas
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0185157

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-24T19:18:44.000
Chemical Name: AIR, COMPRESSED GAS
Common Name: AIR, COMPRESSED GAS
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0185158
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-24T19:18:44.000
Chemical Name: DIESEL FUEL OIL; IN EMERGENCY GENERATOR.
Common Name: DIESEL FUEL OIL; IN EMERGENCY GENERATOR.
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0185160
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-24T19:18:44.000
Chemical Name: TRIDENT WATER TREATMENT: POLYMALEIC ACID
Common Name: TRIDENT WATER TREATMENT: POLYMALEIC ACID
Case Number: MIX

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0185161
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-24T19:18:44.000
Chemical Name: NITROGEN
Common Name: NITROGEN
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0185163
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-24T19:18:44.000
Chemical Name: TRIDENT WATER TREATMENT: NAOH MIXTURE
Common Name: TRIDENT WATER TREATMENT: NAOH MIXTURE
Case Number: MIX

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0185164
Trade Secret: N
Hazardous Material Type: Pure

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

Last Updated: 2018-10-24T19:18:44.000
Chemical Name: Oxygen
Common Name: Oxygen Gas
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0159664
Trade Secret: N
Hazardous Material Type: Not reported

Last Updated: 2018-10-24T19:18:44.000
Chemical Name: WASTE 751 SOLD/SLDG W HAL ORG>=1000MG/KG
Common Name: WASTE 751 SOLD/SLDG W HAL ORG>=1000MG/KG
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0159665
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-24T19:18:44.000
Chemical Name: Solvent Waste
Common Name: Off-Spec Chemical Laboratory Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0159666
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-24T19:18:44.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0159667
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-24T19:18:44.000
Chemical Name: WASTE 741 LIQ W HALOG ORG >OR= 1000MG/L
Common Name: XYLENE, CHLOROFORM, SOLVENTS
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0159668
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-24T19:18:44.000
Chemical Name: WASTE 905 INFECTIOUS WASTE, LAB

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

Common Name: RED BAGS
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0159670
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-24T19:18:44.000
Chemical Name: Buffer Solutions Waste
Common Name: Buffer Solutions Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0179461
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-19T01:32:31.000
Chemical Name: AIR, COMPRESSED GAS
Common Name: AIR, COMPRESSED GAS
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0179462
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-19T01:32:31.000
Chemical Name: DIESEL FUEL OIL; IN EMERGENCY GENERATOR.
Common Name: DIESEL FUEL OIL; IN EMERGENCY GENERATOR.
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0179463
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-19T01:32:31.000
Chemical Name: CARBON DIOXIDE, C02, 99%, COMPRESSED
Common Name: CARBON DIOXIDE, C02, 99%, COMPRESSED
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0179464
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-19T01:32:31.000
Chemical Name: TRIDENT WATER TREATMENT: POLYMALEIC ACID
Common Name: TRIDENT WATER TREATMENT: POLYMALEIC ACID
Case Number: MIX

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0179465
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-19T01:32:31.000
Chemical Name: NITROGEN
Common Name: NITROGEN
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0179466
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-19T01:32:31.000
Chemical Name: NITROGEN, N2, 99%, LIQUIFIED GAS
Common Name: NITROGEN, N2, 99%, LIQUIFIED GAS
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0179467
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-19T01:32:31.000
Chemical Name: TRIDENT WATER TREATMENT: NAOH MIXTURE
Common Name: TRIDENT WATER TREATMENT: NAOH MIXTURE
Case Number: MIX

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0179468
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-19T01:32:31.000
Chemical Name: OXYGEN
Common Name: OXYGEN
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0153998
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-19T01:32:31.000
Chemical Name: WASTE 751 SOLD/SLDG W HAL ORG>=1000MG/KG
Common Name: WASTE 751 SOLD/SLDG W HAL ORG>=1000MG/KG
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed

Map ID
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MAP FINDINGS

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EDR ID Number
EPA ID Number
Database(s)

BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

Active Permit: Y
Child Record Id: DEH2018-HWAST-0153999
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-19T01:32:31.000
Chemical Name: Solvent Waste
Common Name: Off-Spec Chemical Laboratory Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0154000
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-19T01:32:31.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0154001
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-19T01:32:31.000
Chemical Name: WASTE 741 LIQ W HALOG ORG >OR= 1000MG/L
Common Name: XYLENE, CHLOROFORM, SOLVENTS
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0154002
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-19T01:32:31.000
Chemical Name: WASTE 905 INFECTIOUS WASTE, LAB
Common Name: RED BAGS
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0154003
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-19T01:32:31.000
Chemical Name: Sodium Hydroxide Waste
Common Name: Sodium Hydroxide Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0154004

Map ID
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MAP FINDINGS

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Database(s) EDR ID Number
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BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-19T01:32:31.000
Chemical Name: Buffer Solutions Waste
Common Name: Buffer Solutions Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0154005
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-19T01:32:31.000
Chemical Name: Guanidine hydrochloride Waste
Common Name: Guanidine hydrochloride Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0154006
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-19T01:32:31.000
Chemical Name: Liquid/Semi-Liquid Biohazardous Waste
Common Name: Liquid Biohazardous Waste, Treated & Sewered
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254648
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-18T02:34:43.000
Chemical Name: NITROGEN, N2, 99%, LIQUIFIED GAS
Common Name: NITROGEN, N2, 99%, LIQUIFIED GAS
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0266668
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-12T02:33:16.000
Chemical Name: WASTE 741 LIQ W HALOG ORG >OR= 1000MG/L
Common Name: XYLENE, CHLOROFORM, SOLVENTS
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0266669
Trade Secret: N
Hazardous Material Type: Not reported

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MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

Last Updated: 2021-10-12T02:33:16.000
Chemical Name: WASTE 905 INFECTIOUS WASTE, LAB
Common Name: RED BAG Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0266670
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-12T02:33:16.000
Chemical Name: Sodium Hydroxide Waste
Common Name: Sodium Hydroxide Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254644
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-11-18T02:34:43.000
Chemical Name: AIR, COMPRESSED GAS
Common Name: AIR, COMPRESSED GAS
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254645
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-18T02:34:43.000
Chemical Name: DIESEL FUEL OIL; IN EMERGENCY GENERATOR.
Common Name: DIESEL FUEL OIL; IN EMERGENCY GENERATOR.
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254646
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-18T02:34:43.000
Chemical Name: CARBON DIOXIDE, C02, 99%, COMPRESSED
Common Name: CARBON DIOXIDE, C02, 99%, COMPRESSED
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254649
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-11-18T02:34:43.000
Chemical Name: TRIDENT WATER TREATMENT: NAOH MIXTURE

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
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BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

Common Name: TRIDENT WATER TREATMENT: NAOH MIXTURE
Case Number: MIX

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254650
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-18T02:34:43.000
Chemical Name: Oxygen
Common Name: Oxygen Gas
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0224357
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-18T02:34:43.000
Chemical Name: WASTE 751 SOLD/SLDG W HAL ORG>=1000MG/KG
Common Name: Lab Debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0224360
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-18T02:34:43.000
Chemical Name: WASTE 741 LIQ W HALOG ORG >OR= 1000MG/L
Common Name: XYLENE, CHLOROFORM, SOLVENTS
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0224362
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-18T02:34:43.000
Chemical Name: Sodium Hydroxide Waste
Common Name: Sodium Hydroxide Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0224363
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-18T02:34:43.000
Chemical Name: Guanidine hydrochloride Waste
Common Name: Guanidine hydrochloride Waste
Case Number: Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
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BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0224364
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-18T02:34:43.000
Chemical Name: Liquid/Semi-Liquid Biohazardous Waste
Common Name: Liquid Biohazardous Waste, Treated & Sewered
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0224365
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-18T02:34:43.000
Chemical Name: "pathology waste"
Common Name: "pathology waste"
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0299040
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-12T02:33:16.000
Chemical Name: AIR, COMPRESSED GAS
Common Name: AIR, COMPRESSED GAS
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0299041
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-10-12T02:33:16.000
Chemical Name: DIESEL FUEL OIL; IN EMERGENCY GENERATOR.
Common Name: DIESEL FUEL OIL; IN EMERGENCY GENERATOR.
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0299042
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-10-12T02:33:16.000
Chemical Name: CARBON DIOXIDE, C02, 99%, COMPRESSED
Common Name: CARBON DIOXIDE, C02, 99%, COMPRESSED
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

Active Permit: Y
Child Record Id: DEH2021-HCHEM-0299043
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-12T02:33:16.000
Chemical Name: TRIDENT WATER TREATMENT: POLYMALEIC ACID
Common Name: TRIDENT WATER TREATMENT: POLYMALEIC ACID
Case Number: MIX

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0299044
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-10-12T02:33:16.000
Chemical Name: NITROGEN, N2, 99%, LIQUIFIED GAS
Common Name: NITROGEN, N2, 99%, LIQUIFIED GAS
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0266665
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-12T02:33:16.000
Chemical Name: WASTE 751 SOLD/SLDG W HAL ORG>=1000MG/KG
Common Name: Lab Debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0266666
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-12T02:33:16.000
Chemical Name: Off Spec Lab Waste
Common Name: Off-Spec Lab Pack
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0266667
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-12T02:33:16.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: Sharps Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0266671

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-12T02:33:16.000
Chemical Name: Guanidine hydrochloride Waste
Common Name: Guanidine hydrochloride Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0266672
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-12T02:33:16.000
Chemical Name: Liquid/Semi-Liquid Biohazardous Waste
Common Name: Liquid Biohazardous Waste, Treated & Sewered
Case Number: Not reported

Record ID: DEH2002-HUPFP-134886
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0266673
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-12T02:33:16.000
Chemical Name: "pathology waste"
Common Name: "pathology waste"
Case Number: Not reported

CERS HAZ WASTE:

Name: BD BIOSCIENCES (PHARMIGEN)
Address: 10975 TORREYANA RD & 10995 TORREYANA RD
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 97798
CERS ID: 10388290
CERS Description: Hazardous Waste Generator

CERS:

Name: BD BIOSCIENCES (PHARMIGEN)
Address: 10975 TORREYANA RD & 10995 TORREYANA RD
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 97798
CERS ID: 10388290
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 97798
Site Name: BD BIOSCIENCES (PHARMIGEN)
Violation Date: 05-14-2014
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 05/27/2014. Inspection Sequence ID:4088788

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 97798
Site Name: BD BIOSCIENCES (PHARMIGEN)
Violation Date: 04-24-2019
Citation: 22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7
Violation Description: Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of 22 CCR 11 66261.7; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of 22 CCR 11 66261.7 shall be marked with the date it has been emptied and shall be managed within one year of being emptied.

Violation Notes: Returned to compliance on 04/26/2019. Inspection Sequence ID:6129867
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 97798
Site Name: BD BIOSCIENCES (PHARMIGEN)
Violation Date: 05-14-2014
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to properly close hazardous waste containers when not in active use.

Violation Notes: Returned to compliance on 05/27/2014. Inspection Sequence ID:4088788
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 97798
Site Name: BD BIOSCIENCES (PHARMIGEN)
Violation Date: 07-31-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.

Violation Notes: Returned to compliance on 02/22/2016.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

Site ID: 97798
Site Name: BD BIOSCIENCES (PHARMIGEN)
Violation Date: 05-14-2014
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 05/14/2014. Inspection Sequence ID:4088788;Violation:HMD0131 No Unified Program Facility (UPF) permit not obtained for the generation of hazardous waste. SDCC 68.905.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 97798
Site Name: BD BIOSCIENCES (PHARMIGEN)
Violation Date: 07-31-2015
Citation: 22 CCR 12 66262.40(c) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(c)
Violation Description: Failure to determine if the waste generated is a hazardous waste and to maintain analysis results for three years.
Violation Notes: Returned to compliance on 08/13/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 97798
Site Name: BD BIOSCIENCES (PHARMIGEN)
Violation Date: 05-14-2014
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 05/14/2014. Inspection Sequence ID:4088788;Violation:HMD1001 Unified Program Facility (UPF) permit was not obtained for the handling of hazardous materials; SDCC 68.905.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 97798
Site Name: BD BIOSCIENCES (PHARMIGEN)
Violation Date: 05-14-2014
Citation: HSC 6.95 25505(b) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(b)
Violation Description: Failure to submit a revised business plan upon a substantial change in the handler's operations.
Violation Notes: Returned to compliance on 06/20/2014. Inspection Sequence ID:4088788
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 97798
Site Name: BD BIOSCIENCES (PHARMIGEN)
Violation Date: 07-31-2015
Citation: 22 CCR 23 66273.35 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.35
Violation Description: Failure of the universal waste handler to properly process accumulated universal waste within a maximum accumulation time of one year and /or

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

demonstrate the length of time that the universal waste has been accumulated from the date it became a waste or was received. The universal waste handler may make this demonstration by: 1) Placing the universal waste in a container and marking or labeling the container with the earliest date that any universal waste in the container became a waste or was received; 2) Marking or labeling the individual item of universal waste (e.g., each battery or thermostat) with the date it became a waste or was received; 3) Maintaining an inventory system onsite that identifies the date the universal waste being accumulated became a waste or was received; 4) Maintaining an inventory system onsite that identifies the earliest date that any universal waste in a group of items of universal waste or a group of containers of universal waste became a waste or was received; 5) Placing the universal waste in a specific accumulation area and marking or labeling the area to identify the earliest date that any universal waste in the area became a waste or was received; or 6) Any other method which clearly demonstrates the length of time that the universal waste has been accumulated from the date it became a waste or was received.

Violation Notes: Returned to compliance on 08/05/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-24-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6129867
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Manese Michael Inspection ID:4088788
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-08-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5685473
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-24-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6129867

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Manese Michael Inspection ID:4088788
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-29-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Williams Cameron Inspection ID:6944537
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-29-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Williams Cameron Inspection ID:6944537
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-08-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5685473
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-31-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Manese Michael Inspection ID:5073127
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-31-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Manese Michael Inspection ID:5073127
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

Affiliation:

Affiliation Type Desc: Environmental Contact
Entity Name: Anastasiya Gonzalez
Entity Title: Not reported
Affiliation Address: 10975 Torreyana Road
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 10975 TORREYANA RD
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Identification Signer
Entity Name: Anastasiya Gonzalez
Entity Title: EHS Specialist III
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: PHARMIGEN
Entity Title: Not reported
Affiliation Address: 10975 TORREYANA RD
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 812-8800,

Affiliation Type Desc: Operator
Entity Name: BD BIOSCIENCES (PHARMIGEN)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

BD BIOSCIENCES (PHARMIGEN) (Continued)

S104754689

Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: (858) 812-8800,

Affiliation Type Desc: Document Preparer
 Entity Name: Anastasiya Gonzalez
 Entity Title: Not reported
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
 Entity Name: BD BIOSCIENCES (PHARMIGEN)
 Entity Title: Not reported
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

E43
SSE
 < 1/8
 0.090 mi.
 477 ft.

EXPLORA BIOLABS
10865 ROAD TO THE CURE B1
SAN DIEGO, CA 92121

RCRA NonGen / NLR **1024865125**
CAL000433694

Site 1 of 13 in cluster E

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
 Date Form Received by Agency: 20180215
 Handler Name: EXPLORA BIOLABS
 Handler Address: 10865 ROAD TO THE CURE B1
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000433694
 Contact Name: ELYSE WALK
 Contact Address: 11175 FLINTOKOTE AVE STE B
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-997-0113
 Contact Fax: Not reported
 Contact Email: EWALK@EXPLORABIOLABS.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 11175 FLINTOKOTE AVE STE B
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: EXPLORA BIOLABS
 Owner Type: Other
 Operator Name: ELYSE WALK

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

EXPLORA BIOLABS (Continued)

1024865125

Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

EXPLORA BIOLABS (Continued)

1024865125

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EXPLORA BIOLABS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11175 FLINTOKOTE AVE STE B
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	858-997-0102
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ELYSE WALK
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11175 FLINTOKOTE AVE STE B
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	858-997-0113
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20180215
Handler Name:	EXPLORA BIOLABS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	541715
NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
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Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

E44 SSE < 1/8 0.090 mi. 477 ft.	GALLANT 10865 ROAD TO THE CURE STE 101 SAN DIEGO, CA 92121 Site 2 of 13 in cluster E	CA CERS HAZ WASTE	S126138160 N/A
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Relative:
Higher

Actual:
318 ft.

CERS HAZ WASTE:
 Name: GALLANT
 Address: 10865 ROAD TO THE CURE STE 101
 City,State,Zip: SAN DIEGO, CA 92121
 Site ID: 565606
 CERS ID: 10841113
 CERS Description: Hazardous Waste Generator

Affiliation:
 Affiliation Type Desc: CUPA District
 Entity Name: San Diego County Env Health Qlty
 Entity Title: Not reported
 Affiliation Address: PO Box 129261
 Affiliation City: San Diego
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 92112-9261
 Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
 Entity Name: Matthew Olson, Occupational Services, Inc.
 Entity Title: Not reported
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
 Entity Name: Susan Hand
 Entity Title: Not reported
 Affiliation Address: 10865 Road to the Cure Ste 101
 Affiliation City: San Diego
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 92121
 Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
 Entity Name: Susan Hand
 Entity Title: Quality Director
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
 Entity Name: Gallant
 Entity Title: Not reported
 Affiliation Address: Not reported
 Affiliation City: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

GALLANT (Continued)

S126138160

Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
 Entity Name: Gallant
 Entity Title: Not reported
 Affiliation Address: 10865 Road to the Cure Ste 101
 Affiliation City: San Diego
 Affiliation State: CA
 Affiliation Country: United States
 Affiliation Zip: 92121
 Affiliation Phone: (858) 425-5268,

Affiliation Type Desc: Operator
 Entity Name: Gallant
 Entity Title: Not reported
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: (858) 349-1026,

Affiliation Type Desc: Facility Mailing Address
 Entity Name: Mailing Address
 Entity Title: Not reported
 Affiliation Address: 10865 Road to the Cure Ste 101
 Affiliation City: San Diego
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 92121
 Affiliation Phone: ,

E45
SSE
 < 1/8
 0.090 mi.
 477 ft.

SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE
10865 ROAD TO THE CURE STE 150
SAN DIEGO, CA 92121

RCRA NonGen / NLR **1025872322**
CAL000445443

Site 3 of 13 in cluster E

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
 Date Form Received by Agency: 20210817
 Handler Name: SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE
 Handler Address: 10865 ROAD TO THE CURE STE 150
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000445443
 Contact Name: ZACH PEARSON
 Contact Address: JOHN HOPKINS CT STE 200
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-202-5681
 Contact Fax: Not reported
 Contact Email: ZPEARSON@SDBRI.ORG
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE (Continued)

1025872322

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	JOHN HOPKINS CT STE 200
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	SAN DIEGO BIOMED RESEARCH INSTITUTE
Owner Type:	Other
Operator Name:	ZACH PEARSON
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSD Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE (Continued)

1025872322

Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20210823
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: SAN DIEGO BIOMED RESEARCH INSTITUTE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10865 ROAD TO THE CURE STE 150
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-200-7156
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ZACH PEARSON
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3525 JOHN HOPKINS CT STE 200
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-202-5681
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ZACH PEARSON
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10865 ROAD TO THE CURE STE 150
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-202-5681
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SAN DIEGO BIOMED RESEARCH INSTITUTE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3525 JOHN HOPKINS CT STE 200
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-200-7156

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE (Continued)

1025872322

Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20210817
 Handler Name: SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: No
 Electronic Manifest Broker: No

Receive Date: 20190422
 Handler Name: SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: No
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 541720
 NAICS Description: RESEARCH AND DEVELOPMENT IN THE SOCIAL SCIENCES AND HUMANITIES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

E46
SSE
< 1/8
0.090 mi.
477 ft.

BD - POINT OF CARE
10865 ROAD TO THE CURE
SAN DIEGO, CA 92121
Site 4 of 13 in cluster E

RCRA-LQG 1024815487
CAL000313770

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
 Date Form Received by Agency: 20220207
 Handler Name: BD - POINT OF CARE
 Handler Address: 10865 ROAD TO THE CURE
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000313770
 Contact Name: MICHELLE CLARK
 Contact Address: TORREYANA RD

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BD - POINT OF CARE (Continued)

1024815487

Contact City,State,Zip:	SAN DIEGO, CA 92121
Contact Telephone:	858-812-3758
Contact Fax:	Not reported
Contact Email:	MICHELLE.CLARK@BD.COM
Contact Title:	EHS SPECIALIST
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2021
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	ROAD TO THE CURE
Mailing City,State,Zip:	SAN DIEGO, CA 92121-1142
Owner Name:	ALTMAN INVESTMENT COMPANY, LP
Owner Type:	Private
Operator Name:	BD POINT OF CARE
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BD - POINT OF CARE (Continued)

1024815487

Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSD Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20220603
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: BD DIAGNOSTICS - POINT OF CARE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10865 ROAD TO THE CURE STE 200
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121-1142
Owner/Operator Telephone: 858-795-7827
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: BRIAN DWYER PHD
Legal Status: Other
Date Became Current: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BD - POINT OF CARE (Continued)

1024815487

Date Ended Current: Not reported
Owner/Operator Address: 10865 ROAD TO THE CURE
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-812-8407
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: BD POINT OF CARE
Legal Status: Private
Date Became Current: 20060424
Date Ended Current: Not reported
Owner/Operator Address: 10865 ROAD TO THE CURE
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-812-3758
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: MICHELLE.CLARK@BD.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: ALTMAN INVESTMENT COMPANY, LP
Legal Status: Private
Date Became Current: 19981230
Date Ended Current: Not reported
Owner/Operator Address: 7979 IVANHOE AVE
Owner/Operator City,State,Zip: LA JOLLA, CA 92037
Owner/Operator Telephone: 858-997-7127
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: MNANSEN@MAC.COM

Historic Generators:

Receive Date: 20220207
Handler Name: BD - POINT OF CARE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20061128
Handler Name: BD DIAGNOSTICS - POINT OF CARE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

BD - POINT OF CARE (Continued)

1024815487

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 54171
 NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

**E47
 SSE
 < 1/8
 0.090 mi.
 477 ft.**

**EXPLORA BIOLABS
 10835 AND 10865 ROAD TO THE CURE
 SAN DIEGO, CA 92121**

**CA CERS HAZ WASTE S126137911
 N/A**

Site 5 of 13 in cluster E

**Relative:
 Higher
 Actual:
 318 ft.**

CERS HAZ WASTE:
 Name: EXPLORA BIOLABS
 Address: 10835 AND 10865 ROAD TO THE CURE
 City,State,Zip: SAN DIEGO, CA 92121
 Site ID: 29131
 CERS ID: 10389385
 CERS Description: Hazardous Waste Generator

Violations:

Site ID: 29131
 Site Name: EXPLORA BIOLABS
 Violation Date: 03-06-2020
 Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
 Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General
 Violation Notes: Returned to compliance on 03/09/2020. Inspection Sequence ID:6367509;Violation:HMD0138 Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a); HSC 25185(a)(4)
 Violation Division: San Diego County Department of Env Health
 Violation Program: HW
 Violation Source: CERS,

Site ID: 29131
 Site Name: EXPLORA BIOLABS
 Violation Date: 03-06-2020
 Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
 Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
 Violation Notes: Returned to compliance on 04/09/2020. Inspection Sequence ID:6367509
 Violation Division: San Diego County Department of Env Health
 Violation Program: HMRRP
 Violation Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

EXPLORA BIOLABS (Continued)

S126137911

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5821180
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-06-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6367509
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-06-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6367509
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5821180
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-03-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4385023
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-03-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4385023
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

EXPLORA BIOLABS (Continued)

S126137911

Affiliation Type Desc: Identification Signer
Entity Name: Wendell Baschnagel
Entity Title: Senior Director, Facilities and Engineering
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: EXPLORA BIOLABS, INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: EXPLORA BIOLABS
Entity Title: Not reported
Affiliation Address: 11175 Flintkote Ave, Suite B
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 768-2100,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Environmental Contact
Entity Name: Wendell Baschnagel
Entity Title: Not reported
Affiliation Address: 11175 Flintkote Ave, suite B
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: EXPLORA BIOLABS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

EXPLORA BIOLABS (Continued)

S126137911

Affiliation Zip: Not reported
 Affiliation Phone: (858) 997-0103,

 Affiliation Type Desc: Document Preparer
 Entity Name: Occupational Services, Inc.
 Entity Title: Not reported
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
 Entity Name: Mailing Address
 Entity Title: Not reported
 Affiliation Address: 11175 Flintkote Ave, Suite B
 Affiliation City: SAN DIEGO
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 92121
 Affiliation Phone: ,

E48
SSE
< 1/8
0.090 mi.
477 ft.

CBR SYSTEMS, INC.
10865 ROAD TO THE CURE STE 102
SAN DIEGO, CA 92121

Site 6 of 13 in cluster E

CA CERS HAZ WASTE S128002165
N/A

Relative:
Higher

Actual:
318 ft.

CERS HAZ WASTE:
 Name: CBR SYSTEMS, INC.
 Address: 10865 ROAD TO THE CURE STE 102
 City,State,Zip: SAN DIEGO, CA 92121
 Site ID: 595583
 CERS ID: 10881664
 CERS Description: Hazardous Waste Generator

Affiliation:
 Affiliation Type Desc: CUPA District
 Entity Name: San Diego County Env Health Qlty
 Entity Title: Not reported
 Affiliation Address: PO Box 129261
 Affiliation City: San Diego
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 92112-9261
 Affiliation Phone: (858) 505-6880,

 Affiliation Type Desc: Operator
 Entity Name: CBR Systems, Inc.
 Entity Title: Not reported
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: (520) 260-0487,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

CBR SYSTEMS, INC. (Continued)

S128002165

Affiliation Type Desc: Legal Owner
Entity Name: Jaime Shamonki, MD
Entity Title: Not reported
Affiliation Address: 11915 La Grange Avenue
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90025
Affiliation Phone: (310) 486-1836,

Affiliation Type Desc: Property Owner
Entity Name: Altman Investment Co. L.P.
Entity Title: Not reported
Affiliation Address: 7979 Ivanhoe Ave. Suite 470
Affiliation City: La Jolla
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92037
Affiliation Phone: (858) 735-5430,

Affiliation Type Desc: Environmental Contact
Entity Name: Evangeline Bender
Entity Title: Not reported
Affiliation Address: 10865 Road To the Cure Ste 102
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 10865 Road To the Cure Ste 102
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Evangeline Bender
Entity Title: Project Manager, Lab Operations
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: CBR Systems, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

CBR SYSTEMS, INC. (Continued)

S128002165

Affiliation Zip: Not reported
 Affiliation Phone: ,
 Affiliation Type Desc: Document Preparer
 Entity Name: EHS Consultant, Occupational Services, Inc.
 Entity Title: Not reported
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

**E49
 SSE
 < 1/8
 0.090 mi.
 477 ft.**

**PACIFICGMP DBA ABZENA
 10865 ROAD TO THE CURE STE 168
 SAN DIEGO, CA 92121**

**RCRA NonGen / NLR 1024865088
 CAL000433657**

Site 7 of 13 in cluster E

**Relative:
 Higher
 Actual:
 318 ft.**

RCRA Listings:
 Date Form Received by Agency: 20200414
 Handler Name: PACIFICGMP DBA ABZENA
 Handler Address: 10865 ROAD TO THE CURE STE 168
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000433657
 Contact Name: GEORGE PICONE
 Contact Address: 8825 REHCO RD STE C
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 619-391-0618
 Contact Fax: Not reported
 Contact Email: GEORGE.PICONE@ABZENA.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 8810 REHCO RD STE E
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: PACIFICGMP DBA ABZENA
 Owner Type: Other
 Operator Name: PACIFICGMP DBA ABZENA
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)
 EDR ID Number
 EPA ID Number

PACIFICGMP DBA ABZENA (Continued)

1024865088

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200415
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: PACIFICGMP DBA ABZENA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8810 REHCO RD STE E
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	858-550-4094
Owner/Operator Telephone Ext:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

PACIFICGMP DBA ABZENA (Continued)

1024865088

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PACIFICGMP DBA ABZENA
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 8810 REHCO RD STE E
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-550-4094
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PACIFICGMP DBA ABZENA
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 8810 REHCO RD STE E
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-550-4094
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SAUD CARRILLO
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 8810 REHCO RD STE E
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 619-391-0618
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20200414
Handler Name: PACIFICGMP DBA ABZENA
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20180215
Handler Name: PACIFICGMP DBA ABZENA
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

PACIFICGMP DBA ABZENA (Continued)

1024865088

Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: No
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 541715
 NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

E50
SSE
 < 1/8
 0.090 mi.
 477 ft.

SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE
10865 ROAD TO THE CURE STE 100
SAN DIEGO, CA 92121

RCRA NonGen / NLR **1024846655**
CAL000400921

Site 8 of 13 in cluster E

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
 Date Form Received by Agency: 20141001
 Handler Name: SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE
 Handler Address: 10865 ROAD TO THE CURE STE 100
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000400921
 Contact Name: JOANNA DAVIES
 Contact Address: 10865 ROAD TO THE CURE STE 100
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-200-7048
 Contact Fax: 858-200-7096
 Contact Email: JDAVIES@SDBRI.ORG
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 10865 ROAD TO THE CURE STE 100
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: SAN DIEGO BIOMED RESEARCH INSTITUTE
 Owner Type: Other
 Operator Name: JOANNA DAVIES
 Operator Type: Other
 Short-Term Generator Activity: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE (Continued)

1024846655

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE (Continued)

1024846655

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOANNA DAVIES
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10865 ROAD TO THE CURE STE 100
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	858-200-7048
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAN DIEGO BIOMED RESEARCH INSTITUTE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10865 ROAD TO THE CURE STE 100
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	858-200-7156
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20141001
Handler Name:	SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	54172
NAICS Description:	RESEARCH AND DEVELOPMENT IN THE SOCIAL SCIENCES AND HUMANITIES

Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
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Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

E51	BD POINT OF CARE	RCRA-LQG	1027095647
SSE	10865 ROAD TO THE CURE STE 200		CAR000334078
< 1/8	SAN DIEGO, CA 92121		
0.090 mi.	Site 9 of 13 in cluster E		
477 ft.			

Relative:
Higher
Actual:
318 ft.

RCRA Listings:		20220201
Date Form Received by Agency:		
Handler Name:	BD POINT OF CARE	
Handler Address:		10865 ROAD TO THE CURE STE 200
Handler City,State,Zip:		SAN DIEGO, CA 92121
EPA ID:		CAR000334078
Contact Name:		MICHELLE CLARK
Contact Address:		TORREYANA RD
Contact City,State,Zip:		SAN DIEGO, CA 92121
Contact Telephone:		858-812-3758
Contact Fax:		Not reported
Contact Email:		MICHELLE.CLARK@BD.COM
Contact Title:		EHS SPECIALIST III
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Large Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		ROAD TO THE CURE STE 200
Mailing City,State,Zip:		SAN DIEGO, CA 92121
Owner Name:	ALTMAN INVESTMENT COMPANY LP	
Owner Type:		Private
Operator Name:	BD POINT OF CARE	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

BD POINT OF CARE (Continued)

1027095647

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220203
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code: D001
 Waste Description: IGNITABLE WASTE

Waste Code: D002
 Waste Description: CORROSIVE WASTE

Waste Code: F003
 Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALTMAN INVESTMENT COMPANY LP
Legal Status:	Private
Date Became Current:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

BD POINT OF CARE (Continued)

1027095647

Date Ended Current: Not reported
Owner/Operator Address: 7979 IVANHOE AVE STE 470
Owner/Operator City,State,Zip: LA JOLLA, CA 92037
Owner/Operator Telephone: 858-997-7127
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: BD POINT OF CARE
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10865 ROAD TO THE CURE STE 200
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-812-3758
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20220201
Handler Name: BD POINT OF CARE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 541714
NAICS Description: RESEARCH AND DEVELOPMENT IN BIOTECHNOLOGY (EXCEPT NANOBIOLOGY)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

E52
SSE
< 1/8
0.090 mi.
477 ft.

GALLANT PET INC
10865 ROAD TO THE CURE STE 101
SAN DIEGO, CA 92121
Site 10 of 13 in cluster E

RCRA NonGen / NLR 1026170987
CAL000454557

Relative:
Higher

RCRA Listings:
Date Form Received by Agency: 20200512

Actual:
318 ft.

Handler Name: GALLANT PET INC
Handler Address: 10865 ROAD TO THE CURE STE 101
Handler City,State,Zip: SAN DIEGO, CA 92121

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

Database(s)

GALLANT PET INC (Continued)

1026170987

EPA ID:	CAL000454557
Contact Name:	RACHEL BAUTISTA
Contact Address:	10865 ROAD TO THE CURE STE 101
Contact City,State,Zip:	SAN DIEGO, CA 92121
Contact Telephone:	619-933-1648
Contact Fax:	Not reported
Contact Email:	RACHEL@GALLANT.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	10865 ROAD TO THE CURE STE 101
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	GALLANT PET INC
Owner Type:	Other
Operator Name:	RACHEL BAUTISTA
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GALLANT PET INC (Continued)

1026170987

TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20200515
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: RACHEL BAUTISTA
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10865 ROAD TO THE CURE STE 101
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 619-933-1648
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: GALLANT PET INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10865 ROAD TO THE CURE STE 101
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 310-422-5972
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20200512
Handler Name: GALLANT PET INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

GALLANT PET INC (Continued)

1026170987

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 812910
NAICS Description: PET CARE (EXCEPT VETERINARY) SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

E53
SSE
< 1/8
0.090 mi.
477 ft.

BD POINT OF CARE
10865 ROAD TO THE CURE #200
SAN DIEGO, CA 92121

CA CERS HAZ WASTE **S123536403**
CA CERS **N/A**

Site 11 of 13 in cluster E

Relative:
Higher
Actual:
318 ft.

CERS HAZ WASTE:

Name: BD POINT OF CARE
Address: 10865 ROAD TO THE CURE #200
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 97799
CERS ID: 10388743
CERS Description: Hazardous Waste Generator

Name: BD POINT OF CARE
Address: 10865 ROAD TO THE CURE #200
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 97799
CERS ID: 10388743
CERS Description: RCRA LQ HW Generator

CERS:

Name: BD POINT OF CARE
Address: 10865 ROAD TO THE CURE #200
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 97799
CERS ID: 10388743
CERS Description: Chemical Storage Facilities

Evaluation:

Eval General Type: Other/Unknown
Eval Date: 01-10-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Central HC008 Inspection ID:5639651
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BD POINT OF CARE (Continued)

S123536403

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-11-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6081752
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-30-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Anderson Sean Inspection ID:6943838
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-06-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5537935
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-10-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Central HC008 Inspection ID:5639651
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-11-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6081752
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-06-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5537935
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-30-2022
Violations Found: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BD POINT OF CARE (Continued)

S123536403

Eval Type: Routine done by local agency
Eval Notes: Inspector: Anderson Sean Inspection ID:6943838
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Environmental Contact
Entity Name: Anastasiya Gonzalez
Entity Title: Not reported
Affiliation Address: 10975 TORREYANA ROAD
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Scott Tillinghast IV, Occupational Services, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: BD POINT OF CARE
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 795-7827,

Affiliation Type Desc: Identification Signer
Entity Name: Anastasiya Gonzalez
Entity Title: EHS Specialist III
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

BD POINT OF CARE (Continued)

S123536403

Affiliation Type Desc: Facility Mailing Address
 Entity Name: Mailing Address
 Entity Title: Not reported
 Affiliation Address: 10865 ROAD TO THE CURE #200
 Affiliation City: SAN DIEGO
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 92121
 Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
 Entity Name: BECTON DICKINSON
 Entity Title: Not reported
 Affiliation Address: 1 BECTON DRIVE
 Affiliation City: FRANKLIN LAKES
 Affiliation State: NJ
 Affiliation Country: United States
 Affiliation Zip: 07417
 Affiliation Phone: (210) 847-6800,

Affiliation Type Desc: Parent Corporation
 Entity Name: BD RAPID DIAGNOSTICS (POC)
 Entity Title: Not reported
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

E54
SSE
 < 1/8
 0.090 mi.
 477 ft.

CAPRICOR INC
10865 ROAD TO THE CURE STE 150
SAN DIEGO, CA 92121

RCRA NonGen / NLR 1027092211
CAL000465734

Site 12 of 13 in cluster E

Relative:
Higher

RCRA Listings:

Actual:
 318 ft.

Date Form Received by Agency: 20210924
 Handler Name: CAPRICOR INC
 Handler Address: 10865 ROAD TO THE CURE STE 150
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000465734
 Contact Name: JORGE PENAGOS
 Contact Address: 10865 ROAD TO THE CURE STE 150
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 270-403-3338
 Contact Fax: 310-423-7551
 Contact Email: JPENAGOS@CAPRICOR.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

CAPRICOR INC (Continued)

1027092211

State District:	Not reported
Mailing Address:	10865 ROAD TO THE CURE STE 150
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	CAPRICOR THERAPEUTICS INC
Owner Type:	Other
Operator Name:	JORGE PENAGOS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20211011
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CAPRICOR INC (Continued)

1027092211

Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: CAPRICOR THERAPEUTICS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 8840 WILSHIRE BLVD 2ND FL
Owner/Operator City,State,Zip: BEVERLY HILLS, CA 90211
Owner/Operator Telephone: 310-358-3200
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JORGE PENAGOS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10865 ROAD TO THE CURE STE 150
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 270-403-3338
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20210924
Handler Name: CAPRICOR INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

E55
SSE
< 1/8
0.090 mi.
477 ft.

CAPRICOR, INC.
10865 ROAD TO THE CURE STE 150
SAN DIEGO, CA 92121
Site 13 of 13 in cluster E

CA CERS HAZ WASTE
CA CERS
CA HWTS

S128200407
N/A

Relative:
Higher
Actual:
318 ft.

CERS HAZ WASTE:
Name: CAPRICOR, INC.
Address: 10865 ROAD TO THE CURE STE 150
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 597089
CERS ID: 10496986
CERS Description: Hazardous Waste Generator

CERS:
Name: CAPRICOR, INC.
Address: 10865 ROAD TO THE CURE STE 150
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 597089
CERS ID: 10496986
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-01-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Manese Michael Inspection ID:5128978
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-07-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5697871
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-07-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5697871
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-28-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Soquiat Joseph Inspection ID:6193116
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CAPRICOR, INC. (Continued)

S128200407

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-28-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Soquiat Joseph Inspection ID:6193116
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-01-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Manese Michael Inspection ID:5128978
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 10865 Road To the Cure Ste 150
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Capricor, Inc.
Entity Title: Not reported
Affiliation Address: 10865 Road To the Cure Ste 150
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (310) 358-3200,

Affiliation Type Desc: Parent Corporation
Entity Name: Capricor, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Occupational Services, Inc. - JT
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CAPRICOR, INC. (Continued)

S128200407

Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Kristi Elliot
Entity Title: VP of R&D
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Capricor, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (310) 358-3200,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Environmental Contact
Entity Name: Minghao Sun
Entity Title: Not reported
Affiliation Address: 10865 Road To the Cure Ste 150
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

HWTS:

Name: CAPRICOR INC
Address: 10865 ROAD TO THE CURE STE 150
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000465734
Inactive Date: Not reported
Create Date: 09/24/2021
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 10865 ROAD TO THE CURE STE 150
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: CAPRICOR THERAPEUTICS INC

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPRICOR, INC. (Continued)

S128200407

Owner Address: 8840 WILSHIRE BLVD 2ND FL
 Owner Address 2: Not reported
 Owner City,State,Zip: BEVERLY HILLS, CA 90211
 Contact Name: JORGE PENAGOS
 Contact Address: 10865 ROAD TO THE CURE STE 150
 Contact Address 2: Not reported
 City,State,Zip: SAN DIEGO, CA 92121
 Facility Status: Active
 Facility Type: PERMANENT
 Category: STATE
 Latitude: 32.90297601
 Longitude: -117.236216

F56
SW
< 1/8
0.118 mi.
621 ft.

PROMETHEUS BIOSCIENCES INC
3050 SCIENCE PARK DR
SAN DIEGO, CA 92121

RCRA NonGen / NLR

1026828936
CAL000463940

Site 1 of 7 in cluster F

Relative:
Higher
Actual:
338 ft.

RCRA Listings:
 Date Form Received by Agency: 20210712
 Handler Name: PROMETHEUS BIOSCIENCES INC
 Handler Address: 3050 SCIENCE PARK DR
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000463940
 Contact Name: PAUL FILECCIA
 Contact Address: 9410 CARROLL PARK DR
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-774-2771
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 9410 CARROLL PARK DR
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: PROMETHEUS BIOSCIENCES INC
 Owner Type: Other
 Operator Name: PAUL FILECCIA
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

PROMETHEUS BIOSCIENCES INC (Continued)

1026828936

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210812
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: PAUL FILECCIA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	9410 CARROLL PARK DR
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	858-774-2771
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

PROMETHEUS BIOSCIENCES INC (Continued)

1026828936

Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner

Owner/Operator Name: PROMETHEUS BIOSCIENCES INC

Legal Status: Other

Date Became Current: Not reported

Date Ended Current: Not reported

Owner/Operator Address: 9410 CARROLL PARK DR

Owner/Operator City,State,Zip: SAN DIEGO, CA 92121

Owner/Operator Telephone: 619-994-9890

Owner/Operator Telephone Ext: Not reported

Owner/Operator Fax: Not reported

Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20210712

Handler Name: PROMETHEUS BIOSCIENCES INC

Federal Waste Generator Description: Not a generator, verified

State District Owner: Not reported

Large Quantity Handler of Universal Waste: No

Recognized Trader Importer: No

Recognized Trader Exporter: No

Spent Lead Acid Battery Importer: No

Spent Lead Acid Battery Exporter: No

Current Record: Yes

Non Storage Recycler Activity: No

Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 541715

NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

F57
SW
< 1/8
0.118 mi.
621 ft.

THE SCRIPPS RESEARCH INSTITUTE
3050 SCIENCE PARK RD
SAN DIEGO, CA 92121

CA AST S106065681
CA San Diego Co. HMMD N/A

Site 2 of 7 in cluster F

Relative:
Higher
Actual:
338 ft.

AST:

Name: THE SCRIPPS RESEARCH INSTITUTE

Address: 3050 SCIENCE PARK RD

City/Zip: SAN DIEGO,92121

Certified Unified Program Agencies: Not reported

Owner: THE SCRIPPS RESEARCH INSTITUTE

Total Gallons: Not reported

CERSID: 10388053

Facility ID: 37-000-138658

Business Name: THE SCRIPPS RESEARCH INSTITUTE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

THE SCRIPPS RESEARCH INSTITUTE (Continued)

S106065681

Phone: 858-784-8240
Fax: 858-784-8490
Mailing Address: 10550 N TORREY PINES RD MS-TPC 27
Mailing Address City: LA JOLLA
Mailing Address State: CA
Mailing Address Zip Code: 92037
Operator Name: THE SCRIPPS RESEARCH INSTITUTE
Operator Phone: 858-784-8240
Owner Phone: 858-784-8240
Owner Mail Address: 10550 N. Torrey Pines Road/ MS- TPC-27
Owner State: MA
Owner Zip Code: 92037
Owner Country: United States
Property Owner Name: S N H MEDICAL OFFICE PROPERTIES
Property Owner Phone: Not reported
Property Owner Mailing Address: 400 CENTRE ST
Property Owner City: NEWTON
Property Owner Stat : MA
Property Owner Zip Code: 2458
Property Owner Country: United States
EPAID: ca0000073767

HMMD SAN DIEGO:

Name: THE SCRIPPS RESEARCH INSTITUTE
Address: 3050 SCIENCE PARK RD
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 138658
Business Type: 6HK67
EPA Id Number: CAL000181973
APN: 340-010-52-00
Last HMMD Inspection: 03/17/2011
Facility Telephone: 858-784-8240
Permit Status: OPEN
Permit Expiration: 12/31/2012
Date Last Updated: 11/02/2012
Facility Owner: Not reported
Facility Mailing Address: 10550 N TORREY PINES RD MS TPC 27
Facility Mailing City: LA JOLLA
Facility Mailing State: CA
Facility Mailing Zip: 92037
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Y
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 67-63-0
Name: 2-PROPANOL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: REACTIVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

S106065681

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-1897
Name: AA13/WATER MIX
Other Information: BOILER TREATMENT
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 67-64-1
Name: ACETONE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 75-05-8
Name: ACETONITRILE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 74-86-2
Name: ACETYLENE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 132259-10-0
Name: AIR, COMPRESSED
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-1895

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

S106065681

Name: CA13/NAOH/WATER MIX
Other Information: BOILER TREATMENT
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-1898
Name: CF12/WATER MIX
Other Information: BOILER TREATMENT
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TRSI-1896
Name: CF13/NAOH/WATER MIX
Other Information: BOILER TREATMENT
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-1899
Name: CH12/CF12/CE12/ WATER MIX
Other Information: BOILER TREATMENT
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-1906
Name: CHLOR-DET
Other Information: Not reported
Material Waste: Material

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

S106065681

Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-1291
Name: CLOUT
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-196
Name: CORENA DE FLUID 100
Other Information: COMPRESSOR OIL
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 68334-30-5
Name: DIESEL FUEL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 64-17-5
Name: ETHANOL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: REACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 141-78-6
Name: ETHYL ACETATE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: REACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 7440-59-7
Name: HELIUM GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

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Permit Number: 138658
Update Date: 11/02/2012
Case Number: 110-54-3
Name: HEXANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 7647-01-0
Name: HYDROCHLORIC ACID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: REACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 1333-74-0
Name: HYDROGEN
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 7783-06-4
Name: HYDROGEN SULFIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-9999
Name: INERGEN (COMPRESSED GAS)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 67-56-1
Name: METHANOL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 75-09-2

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Name: METHYLENE CHLORIDE
Other Information: CERTIFIED ACS
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: REACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: NITROGEN - HYDROGEN GAS MIXTURE 96.4%
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-1343
Name: NITROGEN/OXYGEN/CARBON DIOXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 756-13-8
Name: NOVEC 1230
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 7664-38-2
Name: O-PHOSPHORIC ACID
Other Information: Not reported
Material Waste: Material

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Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CRYOGENIC

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-5051
Name: OXYGEN-CARBON DIOXIDE (95%-5%)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-638
Name: OXYGEN-CARBON DIOXIDE GAS (50%-50%)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-624
Name: QUATRICIDE PV
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-199
Name: RIMULA PREMIUM SAE 15W-40
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: REACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 7647-14-5
Name: SODIUM CHLORIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

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Permit Number: 138658
Update Date: 11/02/2012
Case Number: 7681-52-9
Name: SODIUM HYPOCHLORITE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 64741-88-4
Name: VACUUM PUMP OIL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: HIGH BTU SLOVENT WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Other Information: VACUUM PUMP OIL WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: LAB PACK
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: ORGANIC LAB DEBRIS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported

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Name: WASTE 551 LABORATORY WASTE CHEMICALS*
Other Information: ORGANIC DEBRIS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-1730
Name: WASTE 551 LABORATORY WASTE CHEMICALS*
Other Information: SILICA GEL WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 791 LIQUIDS WITH PH <OR= 2
Other Information: TFA WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Other Information: RED BAG
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 903 INF WST, TISSUE/ANAT. REMAINS
Other Information: ANIMALS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV1015
Violation: EMPLOYEE TRAINING NOT ADEQUATE

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Violation Citation: Did not have adequate employee training program 2732 &/or 25504(c)
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV0131
Violation: UPF Permit NOT OBTAINED for HAZWASTE
Violation Citation: A Unified Program Facility permit has not been obtained for the generation of hazardous waste. 68.905
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV0301
Violation: HAZWASTE:UNAUTHORIZED DISPOSAL
Violation Citation: Disposal or causing the disposal of hazardous waste to an unauthorized point (ground, storm drain, sewer system, trash, or air). HSC 25189.5(a) or 25189(d)
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE
Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200(c)
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV0218
Violation: FILTERS:FUEL/OIL NOT LABELED OR CLOSED
Violation Citation: Failed to label &/or close drained used oil filters &/or used fuel filters. 25250.22 and 66266.130(c)(3)
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV0221
Violation: DID NOT COMPLY W/SATELLITE REGS.
Violation Citation: Failed to comply with satellite regulations. 66262.34(e)
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

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Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV0228
Violation: CONTAINER NOT KEPT CLOSED
Violation Citation: Failed to keep container closed. CFR 265.173
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV4206
Violation: SPILL OF MED WASTE NOT CLEANED
Violation Citation: Generator did not clean-up a leak or spill of medical waste in an approved manner. 118300
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV4208
Violation: SHARPS CONTAINER: NO TAPED SHUT
Violation Citation: Full sharps container ready for disposal not taped closed or tightly-lidded to preclude loss of contents. 118285(b)
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV4209
Violation: NO GENERATOR'S INFO ON RED BAGS/SHARPS
Violation Citation: Red bags, sharps containers not labeled with generator's name, address, and phone number. 68.1205
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV4213
Violation: NO LABEL: LIDS/SIDES OF CONTAINER
Violation Citation: Did not label waste container/bin on the lid and side so as to be clearly visible. 118280(b)
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 03/17/2011
Violation Code: 6HV4210
Violation: MED WASTE NOT IN RED BAGS
Violation Citation: Generator did not store medical waste in approved and properly marked red bags (non-sharps). 118275
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 06/10/2005
Violation Code: 6HV0201

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Violation: WASTE CONTAINER NOT CLOSED
Violation Citation: Hazardous waste containers are not kept closed while in storage. CCR 66265.173(a)
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 06/10/2005
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 04/25/2006
Violation Code: 6HV4205
Violation: MED SOLID WASTE NOT SECURED TO DENY ACCE
Violation Citation: Medical Solid Waste not secured to deny access to unauthorized persons. 68.1211
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 04/25/2006
Violation Code: 6HV0225
Violation: ACCUMULATED HW>180 OR >270 DAYS
Violation Citation: Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 04/25/2006
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 04/25/2006
Violation Code: 6HV0228
Violation: CONTAINER NOT KEPT CLOSED
Violation Citation: Failed to keep container closed. CFR 265.173
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 09/02/2003
Violation Code: 6HV0201
Violation: WASTE CONTAINER NOT CLOSED
Violation Citation: Hazardous waste containers are not kept closed while in storage. CCR 66265.173(a)

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Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 09/02/2003
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)

Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 09/02/2003
Violation Code: 6HV4209
Violation: NO GENERATOR'S INFO ON RED BAGS/SHARPS
Violation Citation: Red bags, sharps containers not labeled with generator's name, address, and phone number. 68.1205
Activity: ACTIVE

Name: THE SCRIPPS RESEARCH INSTITUTE
Address: 3050 SCIENCE PARK RD
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 138658
Business Type: 6HK67
EPA Id Number: CAL000181973
APN: 340-010-52-00
Last HMMD Inspection: 03/17/2011
Facility Telephone: 858-784-8240
Permit Status: OPEN
Permit Expiration: 12/31/2012
Date Last Updated: 11/02/2012
Facility Owner: Not reported
Facility Mailing Address: 10550 N TORREY PINES RD MS TPC 27
Facility Mailing City: LA JOLLA
Facility Mailing State: CA
Facility Mailing Zip: 92037
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 138658
Update Date: 11/02/2012
Case Number: 67-63-0
Name: 2-PROPANOL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: REACTIVE

Permit Number: 138658

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Update Date: 11/02/2012
Case Number: TSRI-1897
Name: AA13/WATER MIX
Other Information: BOILER TREATMENT
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 67-64-1
Name: ACETONE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 75-05-8
Name: ACETONITRILE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 74-86-2
Name: ACETYLENE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 132259-10-0
Name: AIR, COMPRESSED
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-1895
Name: CA13/NAOH/WATER MIX

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Other Information: BOILER TREATMENT
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-1898
Name: CF12/WATER MIX
Other Information: BOILER TREATMENT
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TRSI-1896
Name: CF13/NAOH/WATER MIX
Other Information: BOILER TREATMENT
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-1899
Name: CH12/CF12/CE12/ WATER MIX
Other Information: BOILER TREATMENT
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-1906
Name: CHLOR-DET
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE

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Hazardous Categories 2: ACUTE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-1291
Name: CLOUT
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-196
Name: CORENA DE FLUID 100
Other Information: COMPRESSOR OIL
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 68334-30-5
Name: DIESEL FUEL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 64-17-5
Name: ETHANOL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: REACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 141-78-6
Name: ETHYL ACETATE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: REACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 7440-59-7
Name: HELIUM GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 138658

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Update Date: 11/02/2012
Case Number: 110-54-3
Name: HEXANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 7647-01-0
Name: HYDROCHLORIC ACID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: REACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 1333-74-0
Name: HYDROGEN
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 7783-06-4
Name: HYDROGEN SULFIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-9999
Name: INERGEN (COMPRESSED GAS)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 67-56-1
Name: METHANOL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 75-09-2
Name: METHYLENE CHLORIDE

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Other Information: CERTIFIED ACS
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: REACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: NITROGEN - HYDROGEN GAS MIXTURE 96.4%
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-1343
Name: NITROGEN/OXYGEN/CARBON DIOXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 756-13-8
Name: NOVEC 1230
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 7664-38-2
Name: O-PHOSPHORIC ACID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE

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Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CRYOGENIC

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-5051
Name: OXYGEN-CARBON DIOXIDE (95%-5%)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-638
Name: OXYGEN-CARBON DIOXIDE GAS (50%-50%)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-624
Name: QUATRICIDE PV
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-199
Name: RIMULA PREMIUM SAE 15W-40
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: REACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 7647-14-5
Name: SODIUM CHLORIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138658

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Update Date: 11/02/2012
Case Number: 7681-52-9
Name: SODIUM HYPOCHLORITE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 64741-88-4
Name: VACUUM PUMP OIL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: HIGH BTU SLOVENT WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Other Information: VACUUM PUMP OIL WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: LAB PACK
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: ORGANIC LAB DEBRIS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS*

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

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Other Information: ORGANIC DEBRIS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-1730
Name: WASTE 551 LABORATORY WASTE CHEMICALS*
Other Information: SILICA GEL WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 791 LIQUIDS WITH PH <OR= 2
Other Information: TFA WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Other Information: RED BAG
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 903 INF WST, TISSUE/ANAT. REMAINS
Other Information: ANIMALS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV1015
Violation: EMPLOYEE TRAINING NOT ADEQUATE
Violation Citation: Did not have adequate employee training program 2732 &/or 25504(c)

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Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV0131
Violation: UPF Permit NOT OBTAINED for HAZWASTE
Violation Citation: A Unified Program Facility permit has not been obtained for the generation of hazardous waste. 68.905

Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV0301
Violation: HAZWASTE:UNAUTHORIZED DISPOSAL
Violation Citation: Disposal or causing the disposal of hazardous waste to an unauthorized point (ground, storm drain, sewer system, trash, or air). HSC 25189.5(a) or 25189(d)

Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE
Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200(c)

Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV0218
Violation: FILTERS:FUEL/OIL NOT LABELED OR CLOSED
Violation Citation: Failed to label &/or close drained used oil filters &/or used fuel filters. 25250.22 and 66266.130(c)(3)

Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV0221
Violation: DID NOT COMPLY W/SATELLITE REGS.
Violation Citation: Failed to comply with satellite regulations. 66262.34(e)

Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)

Activity: ACTIVE

Permit Number: 138658

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Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV0228
Violation: CONTAINER NOT KEPT CLOSED
Violation Citation: Failed to keep container closed. CFR 265.173
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV4206
Violation: SPILL OF MED WASTE NOT CLEANED
Violation Citation: Generator did not clean-up a leak or spill of medical waste in an approved manner. 118300
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV4208
Violation: SHARPS CONTAINER: NO TAPED SHUT
Violation Citation: Full sharps container ready for disposal not taped closed or tightly-lidded to preclude loss of contents. 118285(b)
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV4209
Violation: NO GENERATOR'S INFO ON RED BAGS/SHARPS
Violation Citation: Red bags, sharps containers not labeled with generator's name, address, and phone number. 68.1205
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV4213
Violation: NO LABEL: LIDS/SIDES OF CONTAINER
Violation Citation: Did not label waste container/bin on the lid and side so as to be clearly visible. 118280(b)
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 03/17/2011
Violation Code: 6HV4210
Violation: MED WASTE NOT IN RED BAGS
Violation Citation: Generator did not store medical waste in approved and properly marked red bags (non-sharps). 118275
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 06/10/2005
Violation Code: 6HV0201
Violation: WASTE CONTAINER NOT CLOSED

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

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Violation Citation: Hazardous waste containers are not kept closed while in storage. CCR 66265.173(a)
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 06/10/2005
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 04/25/2006
Violation Code: 6HV4205
Violation: MED SOLID WASTE NOT SECURED TO DENY ACCE
Violation Citation: Medical Solid Waste not secured to deny access to unauthorized persons. 68.1211
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 04/25/2006
Violation Code: 6HV0225
Violation: ACCUMULATED HW>180 OR >270 DAYS
Violation Citation: Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 04/25/2006
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 04/25/2006
Violation Code: 6HV0228
Violation: CONTAINER NOT KEPT CLOSED
Violation Citation: Failed to keep container closed. CFR 265.173
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 09/02/2003
Violation Code: 6HV0201
Violation: WASTE CONTAINER NOT CLOSED
Violation Citation: Hazardous waste containers are not kept closed while in storage. CCR 66265.173(a)
Activity: ACTIVE

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

S106065681

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 09/02/2003
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 09/02/2003
Violation Code: 6HV4209
Violation: NO GENERATOR'S INFO ON RED BAGS/SHARPS
Violation Citation: Red bags, sharps containers not labeled with generator's name, address, and phone number. 68.1205
Activity: ACTIVE

Name: THE SCRIPPS RESEARCH INSTITUTE
Address: 3050 SCIENCE PARK RD
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 138658
Business Type: 6HK67
EPA Id Number: CAL000181973
APN: 340-010-52-00
Last HMMD Inspection: 03/17/2011
Facility Telephone: 858-784-8240
Permit Status: OPEN
Permit Expiration: 12/31/2012
Date Last Updated: 11/02/2012
Facility Owner: Not reported
Facility Mailing Address: 10550 N TORREY PINES RD MS TPC 27
Facility Mailing City: LA JOLLA
Facility Mailing State: CA
Facility Mailing Zip: 92037
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Y
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Y

Inventory Active Permits (not SQG Medical):
Permit Number: 138658
Update Date: 11/02/2012
Case Number: 67-63-0
Name: 2-PROPANOL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: REACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-1897

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

S106065681

Name: AA13/WATER MIX
Other Information: BOILER TREATMENT
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 67-64-1
Name: ACETONE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 75-05-8
Name: ACETONITRILE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 74-86-2
Name: ACETYLENE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 132259-10-0
Name: AIR, COMPRESSED
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-1895
Name: CA13/NAOH/WATER MIX
Other Information: BOILER TREATMENT
Material Waste: Material

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

S106065681

Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-1898
Name: CF12/WATER MIX
Other Information: BOILER TREATMENT
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TRSI-1896
Name: CF13/NAOH/WATER MIX
Other Information: BOILER TREATMENT
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-1899
Name: CH12/CF12/CE12/ WATER MIX
Other Information: BOILER TREATMENT
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-1906
Name: CHLOR-DET
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

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Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-1291
Name: CLOUT
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-196
Name: CORENA DE FLUID 100
Other Information: COMPRESSOR OIL
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 68334-30-5
Name: DIESEL FUEL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 64-17-5
Name: ETHANOL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: REACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 141-78-6
Name: ETHYL ACETATE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: REACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 7440-59-7
Name: HELIUM GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 110-54-3

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Name: HEXANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 7647-01-0
Name: HYDROCHLORIC ACID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: REACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 1333-74-0
Name: HYDROGEN
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 7783-06-4
Name: HYDROGEN SULFIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-9999
Name: INERGEN (COMPRESSED GAS)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 67-56-1
Name: METHANOL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 75-09-2
Name: METHYLENE CHLORIDE
Other Information: CERTIFIED ACS
Material Waste: Material

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Hazardous Categories 1: FIRE
Hazardous Categories 2: REACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: NITROGEN - HYDROGEN GAS MIXTURE 96.4%
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-1343
Name: NITROGEN/OXYGEN/CARBON DIOXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 756-13-8
Name: NOVEC 1230
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 7664-38-2
Name: O-PHOSPHORIC ACID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

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Permit Number: 138658
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CRYOGENIC

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-5051
Name: OXYGEN-CARBON DIOXIDE (95%-5%)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-638
Name: OXYGEN-CARBON DIOXIDE GAS (50%-50%)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-624
Name: QUATRICIDE PV
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-199
Name: RIMULA PREMIUM SAE 15W-40
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: REACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 7647-14-5
Name: SODIUM CHLORIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 7681-52-9

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

S106065681

Name: SODIUM HYPOCHLORITE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: 64741-88-4
Name: VACUUM PUMP OIL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: HIGH BTU SLOVENT WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Other Information: VACUUM PUMP OIL WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: LAB PACK
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: ORGANIC LAB DEBRIS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS*
Other Information: ORGANIC DEBRIS
Material Waste: Waste

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

S106065681

Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: TSRI-1730
Name: WASTE 551 LABORATORY WASTE CHEMICALS*
Other Information: SILICA GEL WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 791 LIQUIDS WITH PH <OR= 2
Other Information: TFA WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Other Information: RED BAG
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138658
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 903 INF WST, TISSUE/ANAT. REMAINS
Other Information: ANIMALS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV1015
Violation: EMPLOYEE TRAINING NOT ADEQUATE
Violation Citation: Did not have adequate employee training program 2732 &/or 25504(c)
Activity: ACTIVE

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

S106065681

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV0131
Violation: UPF Permit NOT OBTAINED for HAZWASTE
Violation Citation: A Unified Program Facility permit has not been obtained for the generation of hazardous waste. 68.905
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV0301
Violation: HAZWASTE:UNAUTHORIZED DISPOSAL
Violation Citation: Disposal or causing the disposal of hazardous waste to an unauthorized point (ground, storm drain, sewer system, trash, or air). HSC 25189.5(a) or 25189(d)
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE
Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200(c)
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV0218
Violation: FILTERS:FUEL/OIL NOT LABELED OR CLOSED
Violation Citation: Failed to label &/or close drained used oil filters &/or used fuel filters. 25250.22 and 66266.130(c)(3)
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV0221
Violation: DID NOT COMPLY W/SATELLITE REGS.
Violation Citation: Failed to comply with satellite regulations. 66262.34(e)
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

S106065681

Violation Code: 6HV0228
Violation: CONTAINER NOT KEPT CLOSED
Violation Citation: Failed to keep container closed. CFR 265.173
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV4206
Violation: SPILL OF MED WASTE NOT CLEANED
Violation Citation: Generator did not clean-up a leak or spill of medical waste in an approved manner. 118300
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV4208
Violation: SHARPS CONTAINER: NO TAPED SHUT
Violation Citation: Full sharps container ready for disposal not taped closed or tightly-lidded to preclude loss of contents. 118285(b)
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV4209
Violation: NO GENERATOR'S INFO ON RED BAGS/SHARPS
Violation Citation: Red bags, sharps containers not labeled with generator's name, address, and phone number. 68.1205
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 11/27/2007
Violation Code: 6HV4213
Violation: NO LABEL: LIDS/SIDES OF CONTAINER
Violation Citation: Did not label waste container/bin on the lid and side so as to be clearly visible. 118280(b)
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 03/17/2011
Violation Code: 6HV4210
Violation: MED WASTE NOT IN RED BAGS
Violation Citation: Generator did not store medical waste in approved and properly marked red bags (non-sharps). 118275
Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 06/10/2005
Violation Code: 6HV0201
Violation: WASTE CONTAINER NOT CLOSED
Violation Citation: Hazardous waste containers are not kept closed while in storage. CCR 66265.173(a)

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

S106065681

Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 06/10/2005
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)

Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 04/25/2006
Violation Code: 6HV4205
Violation: MED SOLID WASTE NOT SECURED TO DENY ACCE
Violation Citation: Medical Solid Waste not secured to deny access to unauthorized persons. 68.1211

Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 04/25/2006
Violation Code: 6HV0225
Violation: ACCUMULATED HW>180 OR >270 DAYS
Violation Citation: Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]

Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 04/25/2006
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)

Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 04/25/2006
Violation Code: 6HV0228
Violation: CONTAINER NOT KEPT CLOSED
Violation Citation: Failed to keep container closed. CFR 265.173

Activity: ACTIVE

Permit Number: 138658
Update Date: 11/02/2012
Inspection Date: 09/02/2003
Violation Code: 6HV0201
Violation: WASTE CONTAINER NOT CLOSED
Violation Citation: Hazardous waste containers are not kept closed while in storage. CCR 66265.173(a)

Activity: ACTIVE

Permit Number: 138658

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

S106065681

Update Date: 11/02/2012
 Inspection Date: 09/02/2003
 Violation Code: 6HV0202
 Violation: WASTE CONTAINER W/O LABELS
 Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
 Activity: ACTIVE

Permit Number: 138658
 Update Date: 11/02/2012
 Inspection Date: 09/02/2003
 Violation Code: 6HV4209
 Violation: NO GENERATOR'S INFO ON RED BAGS/SHARPS
 Violation Citation: Red bags, sharps containers not labeled with generator's name, address, and phone number. 68.1205
 Activity: ACTIVE

**F58
 SW
 < 1/8
 0.118 mi.
 621 ft.**

**THE RMR GROUP
 3050 SCIENCE PARK RD
 SAN DIEGO, CA 92121**

**CA San Diego Co. HMMD S124441692
 CA CERS TANKS N/A
 CA CERS**

Site 3 of 7 in cluster F

**Relative:
 Higher
 Actual:
 338 ft.**

HMMD SAN DIEGO:
 Name: THE RMR GROUP
 Address: 3050 SCIENCE PARK RD
 City,State,Zip: SAN DIEGO, CA 92121
 Permit Number: Not reported
 Business Type: Not reported
 EPA Id Number: CA0000073767
 APN: Not reported
 Last HMMD Inspection: Not reported
 Facility Telephone: 858-427-3600
 Permit Status: Permit Renewed
 Permit Expiration: Not reported
 Date Last Updated: 07/29/2022
 Facility Owner: Not reported
 Facility Mailing Address: 3655 Nobel Drive, Suite 120, San Diego, CA 92122
 Facility Mailing City: Not reported
 Facility Mailing State: Not reported
 Facility Mailing Zip: Not reported
 UST Owner: N
 Handle Regulated Hazmat: Not reported
 Own Or Operate UST: Not reported
 Subject To APSA: Not reported
 Generate Haz Waste: N
 Treat Haz Waste: N
 Generate Medical Waste: Not reported

Inspection Violation:
 Record ID: DEH2002-HUPFP-138658
 Permit Status: Permit Renewed
 Active Permit: Y
 Facility Id Number: 37-000-138658
 Program Element: Hazardous Waste Generator
 Inspection Type: Routine

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THE RMR GROUP (Continued)

S124441692

Inspection Number: 4588179
Return To Compliance Date: 2013-05-06T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-06-04T03:05:44.000
Inspection Date: 2013-04-26T12:12:00.000
Violation Code: HMD0221 HW storage- satellite Failed to comply with hazardous waste satellite container regulations. 22CCR 66262.34(e).

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-138658
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 5211711
Return To Compliance Date: 2016-02-03T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-06-04T03:05:44.000
Inspection Date: 2016-01-08T07:15:00.000
Violation Code: HMD0221 Failed to comply with hazardous waste satellite container regulation. 22 CCR 66262.34(e)

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-138658
Program Element: Medical Waste
Inspection Type: Return To Compliance (RTC)
Inspection Number: 4856979
Return To Compliance Date: 2013-05-06T00:00:00.000
Nov: Not reported
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-06-04T03:05:44.000
Inspection Date: 2013-04-26T11:02:00.000
Violation Code: 4253 Recording thermometer not calibrated annually.118215(2)(B)

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-138658
Program Element: Hazardous Waste Generator
Inspection Type: Return To Compliance (RTC)
Inspection Number: 4856979
Return To Compliance Date: 2013-05-06T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-06-04T03:05:44.000

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Database(s) EDR ID Number
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THE RMR GROUP (Continued)

S124441692

Inspection Date: 2013-04-26T11:02:00.000
Violation Code: HMD0221 HW storage- satellite Failed to comply with hazardous waste satellite container regulations. 22CCR 66262.34(e).

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-138658
Program Element: Medical Waste
Inspection Type: Routine
Inspection Number: 4588179
Return To Compliance Date: 2013-05-06T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-06-04T03:05:44.000
Inspection Date: 2013-04-26T12:12:00.000
Violation Code: 4253 Recording thermometer not calibrated annually.118215(2)(B)

Waste and Materials:

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0329330
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-05-14T00:56:56.000
Chemical Name: Diesel Fuel No. 2
Common Name: Diesel Fuel No. 2
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169604
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: NITROGEN GAS
Common Name: NITROGEN GAS
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0143622
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Common Name: VACUUM PUMP OIL WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y

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THE RMR GROUP (Continued)

S124441692

Child Record Id: DEH2018-HWAST-0143623
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: WASTE 352- OTHER ORGANIC SOLID
Common Name: ORGANIC DEBRIS
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209344
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: ACETYLENE GAS
Common Name: ACETYLENE GAS
Case Number: 74-86-2

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169622
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: RIMULA PREMIUM SAE 15W-40
Common Name: RIMULA PREMIUM SAE 15W-40
Case Number: 64741-88-4

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169623
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169624
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: CHLOR-DET
Common Name: CHLOR-DET
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169625
Trade Secret: N

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Hazardous Material Type: Pure
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: HYDROGEN SULFIDE GAS
Common Name: HYDROGEN SULFIDE GAS
Case Number: 7783-06-4

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169629
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: C-4461LM/WATER MIX
Common Name: COOLING TOWER TREATMENT
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169630
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: CORENA DE FLUID 100
Common Name: COMPRESSOR OIL
Case Number: 64741-88-4

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169631
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: C-2106/WATER MIX
Common Name: COOLING TOWER TREATMENT
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169639
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: COMPRESSED AIR
Common Name: COMPRESSED AIR
Case Number: 132259-10-0

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169640
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-12-04T02:34:49.000

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S124441692

Chemical Name:	DIESEL FUEL
Common Name:	DIESEL FUEL
Case Number:	68334-30-5
Record ID:	DEH2002-HUPFP-138658
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0169641
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2018-12-04T02:34:49.000
Chemical Name:	SODIUM HYPOCHLORITE
Common Name:	SODIUM HYPOCHLORITE
Case Number:	7681-52-9
Record ID:	DEH2002-HUPFP-138658
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0169642
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2018-12-04T02:34:49.000
Chemical Name:	Chloroform
Common Name:	Chloroform
Case Number:	67-66-3
Record ID:	DEH2002-HUPFP-138658
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0143624
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-12-04T02:34:49.000
Chemical Name:	WASTE 551 LABORATORY WASTE CHEMICALS
Common Name:	VARIOUS CHEMICALS- LAB PACK WASTE
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138658
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0143625
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-12-04T02:34:49.000
Chemical Name:	WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name:	WASTE 902 INFECTIOUS WASTE, SHARPS
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138658
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0143626
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-12-04T02:34:49.000
Chemical Name:	WASTE 214 UNSPEC SOLVENT MIXTURE
Common Name:	HIGH BTU SOLVENT WASTE

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THE RMR GROUP (Continued)

S124441692

Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138658
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0143627
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-12-04T02:34:49.000
Chemical Name:	WASTE 791 LIQUIDS WITH PH <OR= 2
Common Name:	TFA WASTE
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138658
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0143628
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-12-04T02:34:49.000
Chemical Name:	Liquid Biohazardous Laboratory Waste
Common Name:	Liquid Biohazardous Laboratory Waste- Medical Waste
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138658
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0209337
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2019-04-19T20:22:59.000
Chemical Name:	ETHANOL
Common Name:	ETHANOL
Case Number:	64-17-5
Record ID:	DEH2002-HUPFP-138658
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0209338
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2019-04-19T20:22:59.000
Chemical Name:	2-PROPANOL
Common Name:	2-PROPANOL
Case Number:	67-63-0
Record ID:	DEH2002-HUPFP-138658
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0209339
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2019-04-19T20:22:59.000
Chemical Name:	ACETONE
Common Name:	ACETONE
Case Number:	67-64-1

Map ID
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE RMR GROUP (Continued)

S124441692

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209340
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: HELIUM GAS
Common Name: HELIUM GAS
Case Number: 7440-59-7

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209341
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: OXYGEN-CARBON DIOXIDE (95%-5%)
Common Name: OXYGEN-CARBON DIOXIDE (95%-5%)
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209342
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Common Name: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209343
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: ARGON GAS
Common Name: ARGON GAS
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0285022
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-03-30T02:30:33.000
Chemical Name: Diesel Fuel No. 2
Common Name: Diesel Fuel No. 2
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed

Map ID
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Elevation

MAP FINDINGS

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EDR ID Number
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Database(s)

THE RMR GROUP (Continued)

S124441692

Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169634
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: QUATRICIDE PV
Common Name: QUATRICIDE PV
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169603
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: CLOUT
Common Name: CLOUT
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169605
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: HYDROGEN GAS
Common Name: HYDROGEN GAS
Case Number: 1333-74-0

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169606
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: B-2501/WATER MIX
Common Name: BOILER TREATMENT
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169607
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: B-7171/WATER MIX
Common Name: BOILER TREATMENT
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169608

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Database(s) EDR ID Number
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THE RMR GROUP (Continued)

S124441692

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: ACETONITRILE
Common Name: ACETONITRILE
Case Number: 75-05-8

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169609
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: METHANOL
Common Name: METHANOL
Case Number: 67-56-1

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169610
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: B-5441/ WATER MIX
Common Name: BOILER TREATMENT
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169611
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: OXYGEN-CARBON DIOXIDE GAS (50%-50%)
Common Name: OXYGEN-CARBON DIOXIDE GAS (50%-50%)
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169612
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: NITROGEN, LIQUID
Common Name: NITROGEN, LIQUID
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169613
Trade Secret: N
Hazardous Material Type: Pure

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MAP FINDINGS

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Database(s) EDR ID Number
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THE RMR GROUP (Continued)

S124441692

Last Updated: 2018-12-04T02:34:49.000
Chemical Name: O-PHOSPHORIC ACID
Common Name: O-PHOSPHORIC ACID
Case Number: 7664-38-2

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169614
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: ETHANOL
Common Name: ETHANOL
Case Number: 64-17-5

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169615
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: 2-PROPANOL
Common Name: 2-PROPANOL
Case Number: 67-63-0

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169616
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: ACETONE
Common Name: ACETONE
Case Number: 67-64-1

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169617
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: HELIUM GAS
Common Name: HELIUM GAS
Case Number: 7440-59-7

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169618
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: OXYGEN-CARBON DIOXIDE (95%-5%)

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THE RMR GROUP (Continued)

S124441692

Common Name: OXYGEN-CARBON DIOXIDE (95%-5%)
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169619
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Common Name: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169620
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: ARGON GAS
Common Name: ARGON GAS
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169621
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: ACETYLENE GAS
Common Name: ACETYLENE GAS
Case Number: 74-86-2

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169627
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: VACUUM PUMP OIL
Common Name: VACUUM PUMP OIL
Case Number: 64741-88-4

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169627
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: CARBON DIOXIDE GAS
Common Name: CARBON DIOXIDE GAS
Case Number: 124-38-9

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THE RMR GROUP (Continued)

S124441692

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169628
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: HYDROGEN CHLORIDE GAS
Common Name: HYDROGEN CHLORIDE GAS
Case Number: 7647-01-0

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169632
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: CARBON DIOXIDE-AIR (10%:90%)
Common Name: CALIBRATION GAS MIXTURE
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169633
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: NITROGEN-HYDROGEN GAS MIXTURE (96%:4%)
Common Name: NITROGEN-HYDROGEN GAS MIXTURE (96%:4%)
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169635
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: RH-997LM/WATER MIX
Common Name: COOLING TOWER TREATMENT
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169636
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: C-802/WATER MIX
Common Name: CLOSED SYSTEM TREATMENT
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed

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THE RMR GROUP (Continued)

S124441692

Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169637
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: SODIUM CHLORIDE
Common Name: SODIUM CHLORIDE- ROCK SALT
Case Number: 7647-14-5

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169638
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: NITROGEN/OXYGEN MIX (72%/28%)
Common Name: NITROGEN/OXYGEN MIX
Case Number: 70356-02-4

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0169643
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: Ethanol
Common Name: Ethyl Alcohol
Case Number: 64-17-5

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0143619
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: WASTE 352- OTHER ORGANIC SOLID
Common Name: SILICA GEL WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0143620
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: WASTE 903 INF WST, TISSUE/ANAT. REMAINS
Common Name: ANIMAL CARCASSES
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0143621

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THE RMR GROUP (Continued)

S124441692

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-12-04T02:34:49.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name: RED BAG
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125323
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: B-2501/WATER MIX
Common Name: BOILER TREATMENT
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125324
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: B-7171/WATER MIX
Common Name: BOILER TREATMENT
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125325
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: ACETONITRILE
Common Name: ACETONITRILE
Case Number: 75-05-8

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125326
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: METHANOL
Common Name: METHANOL
Case Number: 67-56-1

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125327
Trade Secret: N
Hazardous Material Type: Mixture

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EDR ID Number
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THE RMR GROUP (Continued)

S124441692

Last Updated: 2017-12-01T02:31:45.000
Chemical Name: B-5441/ WATER MIX
Common Name: BOILER TREATMENT
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125328
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: OXYGEN-CARBON DIOXIDE GAS (50%-50%)
Common Name: OXYGEN-CARBON DIOXIDE GAS (50%-50%)
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125329
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: NITROGEN, LIQUID
Common Name: NITROGEN, LIQUID
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125330
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: O-PHOSPHORIC ACID
Common Name: O-PHOSPHORIC ACID
Case Number: 7664-38-2

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125331
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: ETHANOL
Common Name: ETHANOL
Case Number: 64-17-5

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125332
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: 2-PROPANOL

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THE RMR GROUP (Continued)

S124441692

Common Name: 2-PROPANOL
Case Number: 67-63-0

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125333
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: ACETONE
Common Name: ACETONE
Case Number: 67-64-1

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125334
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: HELIUM GAS
Common Name: HELIUM GAS
Case Number: 7440-59-7

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125335
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: OXYGEN-CARBON DIOXIDE (95%-5%)
Common Name: OXYGEN-CARBON DIOXIDE (95%-5%)
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125336
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Common Name: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125337
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: ARGON GAS
Common Name: ARGON GAS
Case Number: 7440-37-1

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THE RMR GROUP (Continued)

S124441692

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125338
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: ACETYLENE GAS
Common Name: ACETYLENE GAS
Case Number: 74-86-2

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125339
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: RIMULA PREMIUM SAE 15W-40
Common Name: RIMULA PREMIUM SAE 15W-40
Case Number: 64741-88-4

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125340
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125341
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: CHLOR-DET
Common Name: CHLOR-DET
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125342
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: HYDROGEN SULFIDE GAS
Common Name: HYDROGEN SULFIDE GAS
Case Number: 7783-06-4

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed

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THE RMR GROUP (Continued)

S124441692

Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125343
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: VACUUM PUMP OIL
Common Name: VACUUM PUMP OIL
Case Number: 64741-88-4

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125344
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: CARBON DIOXIDE GAS
Common Name: CARBON DIOXIDE GAS
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125345
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: HYDROGEN CHLORIDE GAS
Common Name: HYDROGEN CHLORIDE GAS
Case Number: 7647-01-0

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125346
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: C-4461LM/WATER MIX
Common Name: COOLING TOWER TREATMENT
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125347
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: CORENA DE FLUID 100
Common Name: COMPRESSOR OIL
Case Number: 64741-88-4

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125348

Map ID
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MAP FINDINGS

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Database(s) EDR ID Number
EPA ID Number

THE RMR GROUP (Continued)

S124441692

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: C-2106/WATER MIX
Common Name: COOLING TOWER TREATMENT
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125349
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: CARBON DIOXIDE-AIR (10%:90%)
Common Name: CALIBRATION GAS MIXTURE
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125350
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: NITROGEN-HYDROGEN GAS MIXTURE (96%:4%)
Common Name: NITROGEN-HYDROGEN GAS MIXTURE (96%:4%)
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125351
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: QUATRICIDE PV
Common Name: QUATRICIDE PV
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125352
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: RH-997LM/WATER MIX
Common Name: COOLING TOWER TREATMENT
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125353
Trade Secret: N
Hazardous Material Type: Mixture

Map ID
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MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

THE RMR GROUP (Continued)

S124441692

Last Updated: 2017-12-01T02:31:45.000
Chemical Name: C-802/WATER MIX
Common Name: CLOSED SYSTEM TREATMENT
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125356
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: COMPRESSED AIR
Common Name: COMPRESSED AIR
Case Number: 132259-10-0

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125357
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: DIESEL FUEL
Common Name: DIESEL FUEL
Case Number: 68334-30-5

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125358
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: SODIUM HYPOCHLORITE
Common Name: SODIUM HYPOCHLORITE
Case Number: 7681-52-9

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125359
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: Chloroform
Common Name: Chloroform
Case Number: 67-66-3

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125360
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: Ethanol

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MAP FINDINGS

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Database(s) EDR ID Number
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THE RMR GROUP (Continued)

S124441692

Common Name:	Ethyl Alcohol
Case Number:	64-17-5
Record ID:	DEH2002-HUPFP-138658
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0104298
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2017-12-01T02:31:45.000
Chemical Name:	WASTE 352- OTHER ORGANIC SOLID
Common Name:	SILICA GEL WASTE
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138658
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0104299
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2017-12-01T02:31:45.000
Chemical Name:	WASTE 903 INF WST, TISSUE/ANAT. REMAINS
Common Name:	ANIMAL CARCASSES
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138658
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0104300
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2017-12-01T02:31:45.000
Chemical Name:	WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name:	RED BAG
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138658
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0104301
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2017-12-01T02:31:45.000
Chemical Name:	WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Common Name:	VACUUM PUMP OIL WASTE
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138658
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0104302
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2017-12-01T02:31:45.000
Chemical Name:	WASTE 352- OTHER ORGANIC SOLID
Common Name:	ORGANIC DEBRIS
Case Number:	Not reported

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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE RMR GROUP (Continued)

S124441692

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0104303
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: WASTE 551 LABORATORY WASTE CHEMICALS
Common Name: VARIOUS CHEMICALS- LAB PACK WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125322
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: HYDROGEN GAS
Common Name: HYDROGEN GAS
Case Number: 1333-74-0

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209326
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: CLOUT
Common Name: CLOUT
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209327
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: NITROGEN GAS
Common Name: NITROGEN GAS
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209328
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: HYDROGEN GAS
Common Name: HYDROGEN GAS
Case Number: 1333-74-0

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed

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MAP FINDINGS

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EDR ID Number
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Database(s)

THE RMR GROUP (Continued)

S124441692

Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209329
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: B-2501/WATER MIX
Common Name: BOILER TREATMENT
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209330
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: B-7171/WATER MIX
Common Name: BOILER TREATMENT
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209331
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: ACETONITRILE
Common Name: ACETONITRILE
Case Number: 75-05-8

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209332
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: METHANOL
Common Name: METHANOL
Case Number: 67-56-1

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209333
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: B-5441/ WATER MIX
Common Name: BOILER TREATMENT
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209334

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EDR ID Number
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Database(s)

THE RMR GROUP (Continued)

S124441692

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: OXYGEN-CARBON DIOXIDE GAS (50%-50%)
Common Name: OXYGEN-CARBON DIOXIDE GAS (50%-50%)
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209335
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: NITROGEN, LIQUID
Common Name: NITROGEN, LIQUID
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209336
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: O-PHOSPHORIC ACID
Common Name: O-PHOSPHORIC ACID
Case Number: 7664-38-2

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209345
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: RIMULA PREMIUM SAE 15W-40
Common Name: RIMULA PREMIUM SAE 15W-40
Case Number: 64741-88-4

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209346
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209347
Trade Secret: N
Hazardous Material Type: Mixture

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THE RMR GROUP (Continued)

S124441692

Last Updated: 2019-04-19T20:22:59.000
Chemical Name: CHLOR-DET
Common Name: CHLOR-DET
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209348
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: HYDROGEN SULFIDE GAS
Common Name: HYDROGEN SULFIDE GAS
Case Number: 7783-06-4

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209349
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: VACUUM PUMP OIL
Common Name: VACUUM PUMP OIL
Case Number: 64741-88-4

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209350
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: CARBON DIOXIDE GAS
Common Name: CARBON DIOXIDE GAS
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209351
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: HYDROGEN CHLORIDE GAS
Common Name: HYDROGEN CHLORIDE GAS
Case Number: 7647-01-0

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209352
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: C-4461LM/WATER MIX

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Database(s) EDR ID Number
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THE RMR GROUP (Continued)

S124441692

Common Name: COOLING TOWER TREATMENT
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209353
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: CORENA DE FLUID 100
Common Name: COMPRESSOR OIL
Case Number: 64741-88-4

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209354
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: C-2106/WATER MIX
Common Name: COOLING TOWER TREATMENT
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209355
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: CARBON DIOXIDE-AIR (10%:90%)
Common Name: CALIBRATION GAS MIXTURE
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209356
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: NITROGEN-HYDROGEN GAS MIXTURE (96%:4%)
Common Name: NITROGEN-HYDROGEN GAS MIXTURE (96%:4%)
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209357
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: QUATRICIDE PV
Common Name: QUATRICIDE PV
Case Number: Not reported

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MAP FINDINGS

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Database(s) EDR ID Number
EPA ID Number

THE RMR GROUP (Continued)

S124441692

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209358
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: RH-997LM/WATER MIX
Common Name: COOLING TOWER TREATMENT
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209359
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: C-802/WATER MIX
Common Name: CLOSED SYSTEM TREATMENT
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209360
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: SODIUM CHLORIDE
Common Name: SODIUM CHLORIDE- ROCK SALT
Case Number: 7647-14-5

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209361
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: NITROGEN/OXYGEN MIX (72%/28%)
Common Name: NITROGEN/OXYGEN MIX
Case Number: 70356-02-4

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209362
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: COMPRESSED AIR
Common Name: COMPRESSED AIR
Case Number: 132259-10-0

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed

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MAP FINDINGS

Site

Database(s) EDR ID Number
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THE RMR GROUP (Continued)

S124441692

Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209363
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: DIESEL FUEL
Common Name: DIESEL FUEL
Case Number: 68334-30-5

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209364
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: SODIUM HYPOCHLORITE
Common Name: SODIUM HYPOCHLORITE
Case Number: 7681-52-9

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209365
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: Chloroform
Common Name: Chloroform
Case Number: 67-66-3

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209366
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: Ethanol
Common Name: Ethyl Alcohol
Case Number: 64-17-5

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181744
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: WASTE 352- OTHER ORGANIC SOLID
Common Name: SILICA GEL WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181745

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MAP FINDINGS

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Database(s) EDR ID Number
EPA ID Number

THE RMR GROUP (Continued)

S124441692

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: WASTE 903 INF WST, TISSUE/ANAT. REMAINS
Common Name: ANIMAL CARCASSES
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181746
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name: RED BAG
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181747
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Common Name: VACUUM PUMP OIL WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181748
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: WASTE 352- OTHER ORGANIC SOLID
Common Name: ORGANIC DEBRIS
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181749
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: WASTE 551 LABORATORY WASTE CHEMICALS
Common Name: VARIOUS CHEMICALS- LAB PACK WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181750
Trade Secret: N
Hazardous Material Type: Not reported

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THE RMR GROUP (Continued)

S124441692

Last Updated: 2019-04-19T20:22:59.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181751
Trade Secret: N
Hazardous Material Type: Not reported

Last Updated: 2019-04-19T20:22:59.000
Chemical Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Common Name: HIGH BTU SOLVENT WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181752
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: WASTE 791 LIQUIDS WITH PH <OR= 2
Common Name: TFA WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181753
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-19T20:22:59.000
Chemical Name: Liquid Biohazardous Laboratory Waste
Common Name: Liquid Biohazardous Laboratory Waste- Medical Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125320
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: CLOUT
Common Name: CLOUT
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125321
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: NITROGEN GAS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE RMR GROUP (Continued)

S124441692

Common Name: NITROGEN GAS
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125354
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: SODIUM CHLORIDE
Common Name: SODIUM CHLORIDE- ROCK SALT
Case Number: 7647-14-5

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125355
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: NITROGEN/OXYGEN MIX (72%/28%)
Common Name: NITROGEN/OXYGEN MIX
Case Number: 70356-02-4

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0104304
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0104305
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Common Name: HIGH BTU SOLVENT WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0104306
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-12-01T02:31:45.000
Chemical Name: WASTE 791 LIQUIDS WITH PH <OR= 2
Common Name: TFA WASTE
Case Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

THE RMR GROUP (Continued)

S124441692

Record ID: DEH2002-HUPFP-138658
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0225057
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-07-30T02:31:25.000
Chemical Name: Diesel Fuel No. 2
Common Name: Diesel Fuel No. 2
Case Number: 68476-34-6

CERS TANKS:

Name: THE RMR GROUP
Address: 3050 SCIENCE PARK RD
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 549593
CERS ID: 10388053
CERS Description: Aboveground Petroleum Storage

CERS:

Name: THE RMR GROUP
Address: 3050 SCIENCE PARK RD
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 549593
CERS ID: 10388053
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 549593
Site Name: The RMR Group
Violation Date: 01-08-2016
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 02/03/2016. Inspection Sequence ID:5211711;Violation:HMD0221 Failed to comply with hazardous waste satellite container regulation. 22 CCR 66262.34(e)
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-28-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:6079707
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-28-2019
Violations Found: No
Eval Type: Routine done by local agency

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE RMR GROUP (Continued)

S124441692

Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:6079707
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-26-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4588179
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-26-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4588179
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-08-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5211711
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-12-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5200195
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-01-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:6272851
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-08-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5211711
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE RMR GROUP (Continued)

S124441692

Eval Source: CERS,
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-08-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5211711
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-12-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5200195
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-26-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4588179
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-01-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:6272851
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:
Site ID: 549593
Facility Name: The RMR Group
Env Int Type Code: APSA
Program ID: 10388053
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 32.903240
Longitude: -117.238990

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3655 Nobel Drive, Suite 120
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported

Map ID
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Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE RMR GROUP (Continued)

S124441692

Affiliation Zip: 92122
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: SNH Medical Office Properties Trust, Owner
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
Entity Name: Jerry Peripoli
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: SNH Medical Office Properties Trust, Owner San Diego
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 427-3600,

Affiliation Type Desc: Identification Signer
Entity Name: Jerry Peripoli
Entity Title: Chief Engineer
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Bobbie Purcell
Entity Title: Not reported
Affiliation Address: 3655 Nobel Drive, Suite 120

Map ID
 Direction
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 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

THE RMR GROUP (Continued)

S124441692

Affiliation City: San Diego
 Affiliation State: CA
 Affiliation Country: United States
 Affiliation Zip: 92122
 Affiliation Phone: (858) 427-3600,

 Affiliation Type Desc: Property Owner
 Entity Name: Bobbie Purcell
 Entity Title: Not reported
 Affiliation Address: 3655 Nobel Drive Suite #120
 Affiliation City: San Diego CA,
 Affiliation State: CA
 Affiliation Country: United States
 Affiliation Zip: 92122
 Affiliation Phone: (858) 427-3600,

 Affiliation Type Desc: Environmental Contact
 Entity Name: DAVID SMITH
 Entity Title: Not reported
 Affiliation Address: 915 L Street, Suite 1250
 Affiliation City: Sacramento
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 95814
 Affiliation Phone: ,

F59
SW
< 1/8
0.118 mi.
621 ft.

THE SCRIPPS RESEARCH INSTITUTE
3050 SCIENCE PARK RD
SAN DIEGO, CA 92121
Site 4 of 7 in cluster F

RCRA-LQG **1000857219**
CA CERS HAZ WASTE **CA0000073767**
CA HAZNET
CA CERS
CA HWTS

Relative:
Higher
Actual:
338 ft.

RCRA Listings:
 Date Form Received by Agency: 20200220
 Handler Name: THE SCRIPPS RESEARCH INSTITUTE
 Handler Address: 3050 SCIENCE PARK RD
 Handler City,State,Zip: SAN DIEGO, CA 92121-0000
 EPA ID: CA0000073767
 Contact Name: JIM S GOHRES, REHS
 Contact Address: N TORREY PINES RD
 Contact City,State,Zip: LA JOLLA, CA 92037-1000
 Contact Telephone: 858-784-8240
 Contact Fax: 858-784-8490
 Contact Email: JGOHRES@SCRIPPS.EDU
 Contact Title: SR. DIRECTOR, EHS
 EPA Region: 09
 Land Type: Private
 Federal Waste Generator Description: Large Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: 2019
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: N TORREY PINES RD
 Mailing City,State,Zip: LA JOLLA, CA 92037-1000
 Owner Name: THE RMR GROUP

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

Owner Type:	Private
Operator Name:	THE SCRIPPS RESEARCH INSTITUTE
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	Yes
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200903
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

Sub-Part P Indicator: No

Biennial: List of Years

Year: 2019

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D011
Waste Description: SILVER

Waste Code: D018
Waste Description: BENZENE

Waste Code: D022
Waste Description: CHLOROFORM

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS

Map ID
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MAP FINDINGS

Site

Database(s)
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EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: LABP
Waste Description: LAB PACK

Waste Code: P030
Waste Description: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: P095
Waste Description: CARBONIC DICHLORIDE (OR) PHOSGENE

Waste Code: P098
Waste Description: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

Waste Code: P106
Waste Description: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

Waste Code: U189
Waste Description: PHOSPHORUS SULFIDE (R) (OR) SULFUR PHOSPHIDE (R)

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: NEUROCRINE BIOSCIENCES BOARD OF DIRS
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3050 SCIENCE PARK RD STE 100
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 619-658-7600
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JIM GOHRES, REHS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10550 N. TORREY PINES RD.
Owner/Operator City,State,Zip: LA JOLLA, CA 92037
Owner/Operator Telephone: 858-784-8240
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: THE SCRIPPS RESEARCH INSTITUTE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

Owner/Operator Address: 10550 N TORREY PINES RD MS- TPC 27
Owner/Operator City,State,Zip: LA JOLLA, CA 92037-1000
Owner/Operator Telephone: 858-784-8240
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HUB PROPERTIES IN CARE OF REIT
Legal Status: Private
Date Became Current: 19961205
Date Ended Current: Not reported
Owner/Operator Address: 400 CENTRE ST
Owner/Operator City,State,Zip: NEWTON, MA 02458-2076
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TSRI
Legal Status: Private
Date Became Current: 19981102
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: THE SCRIPPS RESEARCH INSTITUTE
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10550 N. TORREY PINES RD
Owner/Operator City,State,Zip: LA JOLLA, CA 92037
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: THE RMR GROUP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3655 NOBEL DRIVE
Owner/Operator City,State,Zip: SAN DIEGO, CA 92122
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20200220

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

Handler Name: THE SCRIPPS RESEARCH INSTITUTE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20190708
Handler Name: THE SCRIPPS RESEARCH INSTITUTE TSRI
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19931122
Handler Name: NEUROCRINE BIOSCIENCES INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080215
Handler Name: THE SCRIPPS RESEARCH INSTITUTE TSRI
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 54171
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

NAICS Code: 541714

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

NAICS Description: RESEARCH AND DEVELOPMENT IN BIOTECHNOLOGY (EXCEPT NANOBIO TECHNOLOGY)
NAICS Code: 54172
NAICS Description: RESEARCH AND DEVELOPMENT IN THE SOCIAL SCIENCES AND HUMANITIES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

CERS HAZ WASTE:

Name: PROMETHEUS BIOSCIENCES, INC.
Address: 3050 SCIENCE PARK RD
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 577143
CERS ID: 10877323
CERS Description: Hazardous Waste Generator

HAZNET:

Name: THE SCRIPPS RESEARCH INSTITUTE TSRI
Address: 3050 SCIENCE PARK RD
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 920371000
Contact: JIM GOHRES REHS
Telephone: 8587848240
Mailing Name: Not reported
Mailing Address: 10550 N TORREY PINES RD

Year: 2019
Gepaid: CA0000073767
TSD EPA ID: NMD002208627
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Tons: 1.73500

Year: 2019
Gepaid: CA0000073767
TSD EPA ID: NMD002208627
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Tons: 1.52450

Year: 2019
Gepaid: CA0000073767
TSD EPA ID: NMD002208627
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Map ID
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MAP FINDINGS

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Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

Tons:	0.69650
Year:	2019
Gepaid:	CA0000073767
TSD EPA ID:	NMD002208627
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	1.81650
Year:	2018
Gepaid:	CA0000073767
TSD EPA ID:	NMD002208627
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.45000
Year:	2017
Gepaid:	CA0000073767
TSD EPA ID:	NMD002208627
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.301
Year:	2017
Gepaid:	CA0000073767
TSD EPA ID:	NMD002208627
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	2.25
Year:	2016
Gepaid:	CA0000073767
TSD EPA ID:	NMD002208627
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.262
Year:	2016
Gepaid:	CA0000073767
TSD EPA ID:	ARD981057870
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.2275
Year:	2016
Gepaid:	CA0000073767
TSD EPA ID:	MXC130619001
CA Waste Code:	791 - Liquids with pH <= 2
Disposal Method:	H020 - Solvents Recovery
Tons:	0.2275

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

[Click this hyperlink](#) while viewing on your computer to access 70 additional CA HAZNET: record(s) in the EDR Site Report.

Detail Two:

Year: 2018
EM Manifest ID: 017012475JJK20170330_D_1
Shipment Date: 3/30/2017
Receipt Date: 4/14/2017
Manifest Number: 017012475JJK
Generator EPA ID: CA0000073767
Name: THE SCRIPPS RESEARCH INSTITUTE
Address: Not reported
Address 2: Not reported
City: Not reported
Zip: Not reported
Telephone: Not reported
Contact: Not reported
Contact Telephone: Not reported
Transporter 1 EPA ID: CAR000070540
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: ALR000007237
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: NMD002208627
TSDf Name: ADVANCED CHEMICAL TREATMENT
TSDf Address 1: Not reported
TSDf Address 2: Not reported
TSDf City: Not reported
TSDf Zip: Not reported
TSDf Telephone: Not reported

Federal:

Year: 2018
EM Manifest ID: 017012475JJK20170330_D_1
Generator EPA ID: CA0000073767
Shipment Date: 2017-03-30
Manifest Number: 017012475JJK
Line Number: 1
Method Code: H141
Quantity Tons: 0.90000
Quantity Waste: 1800.000000
Quantity Unit: P
Number of Containers: 4
Type of Container: NULL
Quantity Type: NULL
Federal Code: D001

Year: 2018
EM Manifest ID: 017012475JJK20170330_D_1
Generator EPA ID: CA0000073767
Shipment Date: 2017-03-30
Manifest Number: 017012475JJK
Line Number: 1
Method Code: H141
Quantity Tons: 0.90000
Quantity Waste: 1800.000000
Quantity Unit: P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

Number of Containers:	4
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D018
Year:	2018
EM Manifest ID:	017012475JJK20170330_D_1
Generator EPA ID:	CA0000073767
Shipment Date:	2017-03-30
Manifest Number:	017012475JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.90000
Quantity Waste:	1800.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D022
Year:	2018
EM Manifest ID:	017012475JJK20170330_D_1
Generator EPA ID:	CA0000073767
Shipment Date:	2017-03-30
Manifest Number:	017012475JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.90000
Quantity Waste:	1800.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	F003
Year:	2018
EM Manifest ID:	017012475JJK20170330_D_1
Generator EPA ID:	CA0000073767
Shipment Date:	2017-03-30
Manifest Number:	017012475JJK
Line Number:	3
Method Code:	H141
Quantity Tons:	0.09400
Quantity Waste:	188.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001
Year:	2018
EM Manifest ID:	017012475JJK20170330_D_1
Generator EPA ID:	CA0000073767
Shipment Date:	2017-03-30
Manifest Number:	017012475JJK
Line Number:	3
Method Code:	H141

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

Quantity Tons: 0.09400
Quantity Waste: 188.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
Federal Code: D022

State:

Year: 2018
EM Manifest ID: 017012475JJK20170330_D_1
Generator EPA ID: CA0000073767
Shipment Date: 2017-03-30
Manifest Number: 017012475JJK
Line Number: 1
Method Code: H141
Quantity Tons: 0.90000
Quantity Waste: 1800.000000
Quantity Unit: P
Number of Containers: 4
Type of Container: NULL
Quantity Type: NULL
State Code: 214

Year: 2018
EM Manifest ID: 017012475JJK20170330_D_1
Generator EPA ID: CA0000073767
Shipment Date: 2017-03-30
Manifest Number: 017012475JJK
Line Number: 2
Method Code: H141
Quantity Tons: 0.06250
Quantity Waste: 125.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
State Code: 352

Year: 2018
EM Manifest ID: 017012475JJK20170330_D_1
Generator EPA ID: CA0000073767
Shipment Date: 2017-03-30
Manifest Number: 017012475JJK
Line Number: 3
Method Code: H141
Quantity Tons: 0.09400
Quantity Waste: 188.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
State Code: 352

Additional Info:

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

Year: 2017
Gen EPA ID: CA0000073767

Shipment Date: 20171109
Creation Date: 7/11/2018 18:30:30
Receipt Date: 20171129
Manifest ID: 017613317JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.675
Waste Quantity: 1350
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: D018
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171109
Creation Date: 7/11/2018 18:30:30
Receipt Date: 20171129
Manifest ID: 017613317JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D022
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.055
Waste Quantity: 110
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171109
Creation Date: 7/11/2018 18:30:30
Receipt Date: 20171129
Manifest ID: 017613317JJK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0625
Waste Quantity: 125
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170727
Creation Date: 8/1/2018 18:31:15
Receipt Date: 20170809
Manifest ID: 017614209JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.675
Waste Quantity: 1350
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: D018
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170727
Creation Date: 8/1/2018 18:31:15
Receipt Date: 20170809
Manifest ID: 017614209JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.027
Waste Quantity: 54
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170330
Creation Date: 5/11/2018 18:34:42
Receipt Date: 20170414
Manifest ID: 017012475JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: ALR000007237
Trans 2 Name: ACTION RESOURCES
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D022
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.094
Waste Quantity: 188
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170330
Creation Date: 5/11/2018 18:34:42
Receipt Date: 20170414
Manifest ID: 017012475JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: ALR000007237
Trans 2 Name: ACTION RESOURCES
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0625
Waste Quantity: 125

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170330
Creation Date: 5/11/2018 18:34:42
Receipt Date: 20170414
Manifest ID: 017012475JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: ALR000007237
Trans 2 Name: ACTION RESOURCES
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.9
Waste Quantity: 1800
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: D018
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2016
Gen EPA ID: CA0000073767

Shipment Date: 20151008
Creation Date: 5/4/2016 22:15:22
Receipt Date: 20151020
Manifest ID: 014956912JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.024
Waste Quantity: 48
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151008
Creation Date:	5/4/2016 22:15:22
Receipt Date:	20151020
Manifest ID:	014956912JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.675
Waste Quantity:	1350
Quantity Unit:	P
Additional Code 1:	D022
Additional Code 2:	D018
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150514
Creation Date:	11/6/2015 22:15:24
Receipt Date:	20150529
Manifest ID:	014350713JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDf EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.675
Waste Quantity:	1350
Quantity Unit:	P
Additional Code 1:	D022
Additional Code 2:	D018
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150514
Creation Date:	11/6/2015 22:15:24
Receipt Date:	20150529

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

Manifest ID: 014350713JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD TRANSPORT INC
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0625
Waste Quantity: 125
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2015
Gen EPA ID: CA0000073767

Shipment Date: 20151008
Creation Date: 5/4/2016 22:15:22
Receipt Date: 20151020
Manifest ID: 014956912JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.024
Waste Quantity: 48
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151008
Creation Date: 5/4/2016 22:15:22
Receipt Date: 20151020
Manifest ID: 014956912JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.675
Waste Quantity: 1350
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: D018
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150514
Creation Date: 11/6/2015 22:15:24
Receipt Date: 20150529
Manifest ID: 014350713JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD TRANSPORT INC
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.675
Waste Quantity: 1350
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: D018
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150514
Creation Date: 11/6/2015 22:15:24
Receipt Date: 20150529
Manifest ID: 014350713JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD TRANSPORT INC
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0625
Waste Quantity: 125
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2014
Gen EPA ID: CA0000073767

Shipment Date: 20140710
Creation Date: 12/16/2014 22:15:17
Receipt Date: 20140729
Manifest ID: 012947249JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.2275
Waste Quantity: 455
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140710
Creation Date: 12/16/2014 22:15:17
Receipt Date: 20140729
Manifest ID: 012947249JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

Quantity Tons: 0.06
Waste Quantity: 120
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140710
Creation Date: 12/16/2014 22:15:17
Receipt Date: 20140729
Manifest ID: 012947249JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.455
Waste Quantity: 910
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: D018
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140627
Creation Date: 12/16/2014 22:15:17
Receipt Date: 20140727
Manifest ID: 012947128JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D009
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0045
Waste Quantity: 9
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported

Map ID
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Elevation

MAP FINDINGS

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

Additional Code 5:	Not reported
Shipment Date:	20140627
Creation Date:	12/16/2014 22:15:17
Receipt Date:	20140727
Manifest ID:	012947128JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.024
Waste Quantity:	48
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140627
Creation Date:	12/16/2014 22:15:17
Receipt Date:	20140727
Manifest ID:	012947128JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140627
Creation Date:	12/16/2014 22:15:17
Receipt Date:	20140727
Manifest ID:	012947128JJK
Trans EPA ID:	CAR000070540

Map ID
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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.01
Waste Quantity: 20
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140627
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 012947128JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0225
Waste Quantity: 45
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140627
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 012947128JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported

Map ID
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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D011
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.012
Waste Quantity: 24
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140627
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 012947128JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.006
Waste Quantity: 12
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2013
Gen EPA ID: CA0000073767

Shipment Date: 20131003
Creation Date: 2/22/2014 22:15:18
Receipt Date: 20131014
Manifest ID: 011851207JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No

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Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.675
Waste Quantity: 1350
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: D018
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130829
Creation Date: 1/18/2014 22:15:06
Receipt Date: 20130906
Manifest ID: 011851866JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.1225
Waste Quantity: 245
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: D018
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130718
Creation Date: 11/29/2013 22:15:05
Receipt Date: 20130730
Manifest ID: 011075910JJK
Trans EPA ID: CAR000222927
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SD)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.2275
Waste Quantity: 455
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: D018
Additional Code 3: D001

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1000857219

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130718
Creation Date:	11/29/2013 22:15:05
Receipt Date:	20130730
Manifest ID:	011075910JJK
Trans EPA ID:	CAR000222927
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SD)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.12
Waste Quantity:	240
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130718
Creation Date:	11/29/2013 22:15:05
Receipt Date:	20130730
Manifest ID:	011075910JJK
Trans EPA ID:	CAR000222927
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SD)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2275
Waste Quantity:	455
Quantity Unit:	P
Additional Code 1:	D002
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130718
Creation Date:	11/29/2013 22:15:05
Receipt Date:	20130730
Manifest ID:	011075910JJK

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

Trans EPA ID: CAR000222927
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SD)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D022
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.025
Waste Quantity: 50
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130502
Creation Date: 9/28/2013 22:15:14
Receipt Date: 20130510
Manifest ID: 011076638JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.225
Waste Quantity: 450
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: D018
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130502
Creation Date: 9/28/2013 22:15:14
Receipt Date: 20130510
Manifest ID: 011076637JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.1125
Waste Quantity: 225
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: D018
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130411
Creation Date: 9/9/2013 22:15:10
Receipt Date: 20130426
Manifest ID: 011076440JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.245
Waste Quantity: 490
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: D018
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130411
Creation Date: 9/9/2013 22:15:10
Receipt Date: 20130426
Manifest ID: 011076440JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.034
Waste Quantity: 68

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2012
Gen EPA ID: CA0000073767

Shipment Date: 20121101
Creation Date: 3/28/2013 22:15:22
Receipt Date: 20121109
Manifest ID: 010165236JJK
Trans EPA ID: CAR000222927
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SD)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.2275
Waste Quantity: 455
Quantity Unit: P
Additional Code 1: D002
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20121101
Creation Date: 3/28/2013 22:15:22
Receipt Date: 20121109
Manifest ID: 010165236JJK
Trans EPA ID: CAR000222927
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SD)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.45
Waste Quantity: 900
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: D018

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1000857219

Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121101
Creation Date:	3/28/2013 22:15:22
Receipt Date:	20121109
Manifest ID:	010165236JJK
Trans EPA ID:	CAR000222927
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SD)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.22
Waste Quantity:	440
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121101
Creation Date:	3/28/2013 22:15:22
Receipt Date:	20121109
Manifest ID:	010165236JJK
Trans EPA ID:	CAR000222927
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SD)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0625
Waste Quantity:	125
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120913
Creation Date:	8/17/2013 22:15:07
Receipt Date:	20120918

Map ID
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Database(s)

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1000857219

Manifest ID: 010165732JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.135
Waste Quantity: 270
Quantity Unit: P
Additional Code 1: D002
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120913
Creation Date: 8/17/2013 22:15:07
Receipt Date: 20120918
Manifest ID: 010165733JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.2275
Waste Quantity: 455
Quantity Unit: P
Additional Code 1: D002
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120913
Creation Date: 8/17/2013 22:15:07
Receipt Date: 20120918
Manifest ID: 010165733JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.225
Waste Quantity:	450
Quantity Unit:	P
Additional Code 1:	D022
Additional Code 2:	D018
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120913
Creation Date:	8/17/2013 22:15:07
Receipt Date:	20120918
Manifest ID:	010165733JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120705
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009814462JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0035

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

Waste Quantity: 7
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120705
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 009814462JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 511 - Empty pesticide containers 30 gallons or more
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.004
Waste Quantity: 8
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2011
Gen EPA ID: CA0000073767

Shipment Date: 20111222
Creation Date: 5/4/2013 22:16:13
Receipt Date: 20120117
Manifest ID: 004818898FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDf EPA ID: ARD069748192
Trans Name: CLEAN HARBORS EL DORADO LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D001
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.6775
Waste Quantity: 1355
Quantity Unit: P
Additional Code 1: 791
Additional Code 2: D001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

Additional Code 3:	D002
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111222
Creation Date:	4/26/2012 20:30:19
Receipt Date:	20111229
Manifest ID:	004818897FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES INC
TSDf EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0625
Waste Quantity:	125
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111020
Creation Date:	3/13/2012 20:30:11
Receipt Date:	20111031
Manifest ID:	004817978FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES INC
TSDf EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.225
Waste Quantity:	450
Quantity Unit:	P
Additional Code 1:	D022
Additional Code 2:	D018
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111020
Creation Date:	5/4/2013 22:16:06
Receipt Date:	20111119
Manifest ID:	004817977FLE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SERVICES INC
TSDf EPA ID: ARD069748192
Trans Name: CLEAN HARBORS EL DORADO LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: F003
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.2275
Waste Quantity: 455
Quantity Unit: P
Additional Code 1: D002
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20111020
Creation Date: 5/4/2013 22:16:06
Receipt Date: 20111119
Manifest ID: 004817977FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SERVICES INC
TSDf EPA ID: ARD069748192
Trans Name: CLEAN HARBORS EL DORADO LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.0625
Waste Quantity: 125
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110908
Creation Date: 5/4/2013 22:16:06
Receipt Date: 20110926
Manifest ID: 004932124FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SERVICES INC
TSDf EPA ID: ARD069748192
Trans Name: CLEAN HARBORS EL DORADO LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

RCRA Code: F003
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.6825
Waste Quantity: 1365
Quantity Unit: P
Additional Code 1: D002
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110908
Creation Date: 3/20/2012 20:30:12
Receipt Date: 20110915
Manifest ID: 004932123FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: AZR000508515
Trans 2 Name: SLT
TSD EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSD EPA Alt ID: Not reported
TSD EPA Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.225
Waste Quantity: 450
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: D018
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110908
Creation Date: 3/20/2012 20:30:12
Receipt Date: 20110915
Manifest ID: 004932123FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: AZR000508515
Trans 2 Name: SLT
TSD EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSD EPA Alt ID: Not reported
TSD EPA Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.0625
Waste Quantity: 125
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

Additional Code 5: Not reported

Shipment Date: 20110908
Creation Date: 3/20/2012 20:30:12
Receipt Date: 20110915
Manifest ID: 004932123FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: AZR000508515
Trans 2 Name: SLT
TSDf EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: F005
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.125
Waste Quantity: 250
Quantity Unit: P
Additional Code 1: F003
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110623
Creation Date: 11/30/2011 18:30:29
Receipt Date: 20110630
Manifest ID: 004928134FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: AZR000508515
Trans 2 Name: SLT EXPRESSWAY INC
TSDf EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.455
Waste Quantity: 910
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: D018
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2010
Gen EPA ID: CA0000073767

Shipment Date: 20101221
Creation Date: 5/27/2011 18:30:22
Receipt Date: 20110127

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

Manifest ID: 000087752MWI
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID: ARD069748192
Trans Name: CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: F003
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.7275
Waste Quantity: 1455
Quantity Unit: P
Additional Code 1: D002
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20101221
Creation Date: 6/27/2011 18:30:10
Receipt Date: 20110201
Manifest ID: 000087753MWI
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENVIRONMENTAL SERVICE
TSDF EPA ID: NED981723513
Trans Name: CLEAN HARBORS ENV SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: F003
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.0575
Waste Quantity: 115
Quantity Unit: P
Additional Code 1: F002
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20101028
Creation Date: 4/22/2011 18:30:09
Receipt Date: 20101115
Manifest ID: 000063756MWI
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: AZR000508515
Trans 2 Name: SLT EXPRESSWAY INC
TSDF EPA ID: TXD055141378
Trans Name: CLEAN HARBORS DEER PARK LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
RCRA Code: Not reported
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.015
Waste Quantity: 30
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20101028
Creation Date: 4/22/2011 18:30:09
Receipt Date: 20101115
Manifest ID: 000063756MWI
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: AZR000508515
Trans 2 Name: SLT EXPRESSWAY INC
TSDf EPA ID: TXD055141378
Trans Name: CLEAN HARBORS DEER PARK LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D018
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.4725
Waste Quantity: 945
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20101028
Creation Date: 4/22/2011 18:31:02
Receipt Date: 20101128
Manifest ID: 000063757MWI
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDf EPA ID: ARD069748192
Trans Name: CLEAN HARBORS EL DORADO LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: F003
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.2325
Waste Quantity: 465
Quantity Unit: P
Additional Code 1: D002
Additional Code 2: D001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100902
Creation Date:	2/8/2011 18:30:17
Receipt Date:	20100913
Manifest ID:	000063010MWI
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	AZR000508515
Trans 2 Name:	SLT EXPRESSWAY INC
TSDf EPA ID:	TXD055141378
Trans Name:	CLEAN HARBORS DEER PARK LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D018
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.455
Waste Quantity:	910
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100902
Creation Date:	2/8/2011 18:30:17
Receipt Date:	20100913
Manifest ID:	000063010MWI
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	AZR000508515
Trans 2 Name:	SLT EXPRESSWAY INC
TSDf EPA ID:	TXD055141378
Trans Name:	CLEAN HARBORS DEER PARK LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	F003
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0625
Waste Quantity:	125
Quantity Unit:	P
Additional Code 1:	F002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100902
Creation Date:	2/19/2011 18:30:08
Receipt Date:	20101005
Manifest ID:	000063011MWI
Trans EPA ID:	MAD039322250

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDf EPA ID: ARD069748192
Trans Name: CLEAN HARBORS EL DORADO LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: F003
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.23
Waste Quantity: 460
Quantity Unit: P
Additional Code 1: D002
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20100715
Creation Date: 1/26/2011 18:30:09
Receipt Date: 20100730
Manifest ID: 000067179MWI
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000187922
Trans 2 Name: RUST & SONS
TSDf EPA ID: TXD055141378
Trans Name: CLEAN HARBORS DEER PARK LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: F005
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.105
Waste Quantity: 210
Quantity Unit: P
Additional Code 1: F003
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20100715
Creation Date: 1/27/2011 18:30:07
Receipt Date: 20100812
Manifest ID: 000067180MWI
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDf EPA ID: ARD069748192
Trans Name: CLEAN HARBORS EL DORADO LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: F003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.465
Waste Quantity: 930
Quantity Unit: P
Additional Code 1: D002
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:

Name: PROMETHEUS BIOSCIENCES, INC.
Address: 3050 SCIENCE PARK RD
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 577143
CERS ID: 10877323
CERS Description: Chemical Storage Facilities

Coordinates:

Site ID: 577143
Facility Name: Prometheus Biosciences, Inc.
Env Int Type Code: HMBP
Program ID: 10877323
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 32.903240
Longitude: -117.238990

Affiliation:

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3050 Science Park Rd
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Prometheus Biosciences, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Legal Owner
Entity Name: Prometheus Biosciences, Inc.
Entity Title: Not reported
Affiliation Address: 3050 Science Park Rd
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 774-2771,

Affiliation Type Desc: Operator
Entity Name: Prometheus Biosciences, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 774-2771,

Affiliation Type Desc: Environmental Contact
Entity Name: Katie Binning
Entity Title: Not reported
Affiliation Address: 3050 Science Park Rd
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Katie Binning
Entity Title: Lab Manager, Operations
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Scott Tillinghast IV, OSI
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: RMR Group
Entity Title: Not reported
Affiliation Address: 3655 Nobel Drive, Suite 120
Affiliation City: San Diego

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000857219

Affiliation State: CA
 Affiliation Country: United States
 Affiliation Zip: 92122
 Affiliation Phone: (858) 427-3600,

HWTS:

Name: THE SCRIPPS RESEARCH INSTITUTE TSRI
 Address: 3050 SCIENCE PARK RD VARIOUS
 Address 2: Not reported
 City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CA0000073767
 Inactive Date: 06/30/2019
 Create Date: 12/08/1995
 Last Act Date: Not reported
 Mailing Name: Not reported
 Mailing Address: 10550 N TORREY PINES RD
 Mailing Address 2: Not reported
 Mailing City,State,Zip: LA JOLLA, CA 920371000
 Owner Name: THE SCRIPPS RESEARCH INSTITUTE
 Owner Address: 10550 N TORREY PINES RD MS- TPC 27
 Owner Address 2: Not reported
 Owner City,State,Zip: LA JOLLA, CA 920371000
 Contact Name: JIM GOHRES
 Contact Address: 10550 N. TORREY PINES RD.
 Contact Address 2: Not reported
 City,State,Zip: LA JOLLA, CA 92037
 Facility Status: Inactive
 Facility Type: PERMANENT
 Category: FEDERAL
 Latitude: 32.90349
 Longitude: -117.23904

G60
West
 < 1/8
 0.120 mi.
 633 ft.
Relative:
Higher
Actual:
 366 ft.

TURNING POINT THERAPEUTICS - CALLAN
 3030 CALLAN RD
 SAN DIEGO, CA 92121

CA CERS HAZ WASTE S128623252
 N/A

Site 1 of 6 in cluster G

CERS HAZ WASTE:
 Name: TURNING POINT THERAPEUTICS - CALLAN
 Address: 3030 CALLAN RD
 City,State,Zip: SAN DIEGO, CA 92121
 Site ID: 600400
 CERS ID: 10441150
 CERS Description: Hazardous Waste Generator

Violations:

Site ID: 600400
 Site Name: Turning Point Therapeutics - Callan
 Violation Date: 03-06-2019
 Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
 Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
 Violation Notes: Returned to compliance on 03/29/2019. Inspection Sequence ID:6059013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

TURNING POINT THERAPEUTICS - CALLAN (Continued)

S128623252

Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 600400
Site Name: Turning Point Therapeutics - Callan
Violation Date: 12-06-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 12/06/2016.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 600400
Site Name: Turning Point Therapeutics - Callan
Violation Date: 09-12-2014
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 09/12/2014.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 600400
Site Name: Turning Point Therapeutics - Callan
Violation Date: 03-06-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 03/06/2019. Inspection Sequence ID:6059013
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 600400
Site Name: Turning Point Therapeutics - Callan
Violation Date: 09-12-2014
Citation: 22 CCR 12 66262.23(a)(4) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)(4)
Violation Description: Failure to send hazardous waste manifest copies to DTSC.
Violation Notes: Returned to compliance on 10/10/2014.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 600400
Site Name: Turning Point Therapeutics - Callan

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

TURNING POINT THERAPEUTICS - CALLAN (Continued)

S128623252

Violation Date: 09-12-2014
Citation: 22 CCR 12 66262.40(c) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(c)
Violation Description: Failure to determine if the waste generated is a hazardous waste and to maintain analysis results for three years.
Violation Notes: Returned to compliance on 09/12/2014.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-06-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:5508447
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-06-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6059013
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-06-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6059013
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-12-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Manese Michael Inspection ID:5121599
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-06-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:5508447
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

TURNING POINT THERAPEUTICS - CALLAN (Continued)

S128623252

Eval Date: 09-12-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Manese Michael Inspection ID:5121599
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Coordinates:

Site ID: 600400
Facility Name: Turning Point Therapeutics - Callan
Env Int Type Code: HMBP
Program ID: 10441150
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 32.907020
Longitude: -117.240490

Affiliation:

Affiliation Type Desc: Document Preparer
Entity Name: Laurie Carvill
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Gary Lavalier
Entity Title: Not reported
Affiliation Address: 3030 Callan Rd
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3030 Callan Rd
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: Healthpeak Properties
Entity Title: Not reported
Affiliation Address: 420 Stevens Avenue, Suite 170
Affiliation City: Solana Beach
Affiliation State: CA
Affiliation Country: United States

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TURNING POINT THERAPEUTICS - CALLAN (Continued)

S128623252

Affiliation Zip: 92075
Affiliation Phone: (858) 847-9936,

Affiliation Type Desc: Legal Owner
Entity Name: Turning Point Therapeutics, Inc.
Entity Title: Not reported
Affiliation Address: 3030 Callan Rd
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 926-5251,

Affiliation Type Desc: Operator
Entity Name: Turning Point Therapeutics, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 926-5251,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Identification Signer
Entity Name: Gary Lavalieri
Entity Title: Director of Facilities and EHS
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Turning Point Therapeutics, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
 EPA ID Number

G61 **ANSUN BIOPHARMA** **RCRA NonGen / NLR** **1024838235**
West **3030 CALLAN RD**
< 1/8 **SAN DIEGO, CA 92121** **CAL000384811**
0.120 mi.
633 ft. **Site 2 of 6 in cluster G**

Relative:	RCRA Listings:		20130422
Higher	Date Form Received by Agency:		
Actual:	Handler Name:	ANSUN BIOPHARMA	
366 ft.	Handler Address:		3030 CALLAN RD
	Handler City,State,Zip:		SAN DIEGO, CA 92121
	EPA ID:		CAL000384811
	Contact Name:		STEPHEN HAWLEY
	Contact Address:		3030 CALLAN RD
	Contact City,State,Zip:		SAN DIEGO, CA 92121
	Contact Telephone:		858-452-2631
	Contact Fax:		858-452-0133
	Contact Email:		SHAWLEY@ANSUNBIOPHARMA.COM
	Contact Title:		Not reported
	EPA Region:		09
	Land Type:		Not reported
	Federal Waste Generator Description:		Not a generator, verified
	Non-Notifier:		Not reported
	Biennial Report Cycle:		Not reported
	Accessibility:		Not reported
	Active Site Indicator:		Handler Activities
	State District Owner:		Not reported
	State District:		Not reported
	Mailing Address:		3030 CALLAN RD
	Mailing City,State,Zip:		SAN DIEGO, CA 92121
	Owner Name:	ANSUN BIOPHARMA	
	Owner Type:		Other
	Operator Name:	STEPHEN HAWLEY	
	Operator Type:		Other
	Short-Term Generator Activity:		No
	Importer Activity:		No
	Mixed Waste Generator:		No
	Transporter Activity:		No
	Transfer Facility Activity:		No
	Recycler Activity with Storage:		No
	Small Quantity On-Site Burner Exemption:		No
	Smelting Melting and Refining Furnace Exemption:		No
	Underground Injection Control:		No
	Off-Site Waste Receipt:		No
	Universal Waste Indicator:		Yes
	Universal Waste Destination Facility:		Yes
	Federal Universal Waste:		No
	Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
	Active Site Converter Treatment storage and Disposal Facility:		Not reported
	Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
	Active Site State-Reg Handler:		---
	Federal Facility Indicator:		Not reported
	Hazardous Secondary Material Indicator:		N
	Sub-Part K Indicator:		Not reported
	Commercial TSD Indicator:		No
	Treatment Storage and Disposal Type:		Not reported
	2018 GPRA Permit Baseline:		Not on the Baseline
	2018 GPRA Renewals Baseline:		Not on the Baseline
	Permit Renewals Workload Universe:		Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ANSUN BIOPHARMA (Continued)

1024838235

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180906
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: STEPHEN HAWLEY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3030 CALLAN RD
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-452-2631
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ANSUN BIOPHARMA
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3030 CALLAN RD
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-452-2631
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

ANSUN BIOPHARMA (Continued)

1024838235

Historic Generators:

Receive Date:	20130422
Handler Name:	ANSUN BIOPHARMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	54191
NAICS Description:	MARKETING RESEARCH AND PUBLIC OPINION POLLING

Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
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G62
West
< 1/8
0.120 mi.
633 ft.

S CUBED
3030 CALLAN RD
SAN DIEGO, CA 92121
Site 3 of 6 in cluster G

RCRA-SQG **1000424083**
FINDS **CAD982502536**
ECHO

Relative:
Higher
Actual:
366 ft.

RCRA Listings:	
Date Form Received by Agency:	19890705
Handler Name:	S CUBED
Handler Address:	3030 CALLAN RD
Handler City,State,Zip:	SAN DIEGO, CA 92121
EPA ID:	CAD982502536
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	3030 CALLAN RD
Contact City,State,Zip:	SAN DIEGO, CA 92121
Contact Telephone:	619-450-2421
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Other
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	4
Mailing Address:	3120 CALLAN RD
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	TRUST CO OF THE WEST

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

S CUBED (Continued)

1000424083

Owner Type:		Private
Operator Name:	NOT REQUIRED	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSD Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20020627
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		Not reported
Manifest Broker:		Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

S CUBED (Continued)

1000424083

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TRUST CO OF THE WEST
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19890705
Handler Name: S CUBED
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110002834531

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

S CUBED (Continued)

1000424083

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000424083
 Registry ID: 110002834531
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002834531>
 Name: S CUBED
 Address: 3030 CALLAN RD
 City,State,Zip: SAN DIEGO, CA 92121

G63
West
1/8-1/4
0.129 mi.
679 ft.
Relative:
Higher
Actual:
373 ft.

SYNTHETIC GENOMICS INC
3020 CALLAN RD
SAN DIEGO, CA 92121
Site 4 of 6 in cluster G

CA SAN DIEGO CO. SAM **S100732596**
CA LUST **N/A**
CA San Diego Co. HMMD
CA Cortese
CA HIST CORTESE
CA HAZNET
CA NPDES
CA CERS
CA HWTS

SAN DIEGO CO. SAM:

Name: S-CUBED TORREY PINES
 Address: 3020 CALLAN RD
 City,State,Zip: SAN DIEGO, CA 921211109
 Case Number: H23213-001
 Agency: DEH Site Assessment & Mitigation
Funding: Private - For Non-LOP Tank
 Facility Type: Soils Only
 Facility Status: Closed Case
 Date: 11/3/1993
 Date Began: 6/21/1991

LUST:

Name: S-CUBED TORREY PINES
 Address: 3020 CALLAN RD
 City,State,Zip: SAN DIEGO, CA 921211109
 Lead Agency: SAN DIEGO COUNTY LOP
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607302251
 Global Id: T0607302251
 Latitude: 32.9049402
 Longitude: -117.2395986
 Status: Completed - Case Closed
 Status Date: 11/03/1993
 Case Worker: Not reported
 RB Case Number: 9UT3486

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SYNTHETIC GENOMICS INC (Continued)

S100732596

Local Agency: Not reported
File Location: Local Agency
Local Case Number: H23213-001
Potential Media Affect: Soil
Potential Contaminants of Concern: Not reported
Site History: Not reported

LUST:

Global Id: T0607302251
Action Type: Other
Date: 06/21/1991
Action: Leak Discovery

Global Id: T0607302251
Action Type: Other
Date: 06/21/1991
Action: Leak Began

Global Id: T0607302251
Action Type: Other
Date: 06/21/1991
Action: Leak Reported

Global Id: T0607302251
Action Type: Other
Date: 06/21/1991
Action: Leak Stopped

LUST:

Global Id: T0607302251
Status: Open - Case Begin Date
Status Date: 06/21/1991

Global Id: T0607302251
Status: Completed - Case Closed
Status Date: 11/03/1993

LUST REG 9:

Region: 9
Status: Case Closed
Case Number: 9UT3486
Local Case: H23213-001
Substance: 0
Qty Leaked: 0
Abate Method: Not reported
Local Agency: San Diego
How Found: Not reported
How Stopped: Not reported
Source: Unknown
Cause: Unknown
Lead Agency: Local Agency
Case Type: Soil only
Date Found: 06/21/1991
Date Stopped: 06/21/1991
Confirm Date: / /
Submit Workplan: 6/21/91

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

SYNTHETIC GENOMICS INC (Continued)

S100732596

Prelim Assess: //
Desc Pollution: Not reported
Remed Plan: //
Remed Action: Not reported
Began Monitor: Not reported
Release Date: 06/21/1991
Enforce Date: Not reported
Closed Date: 11/3/93
Enforce Type: Not reported
Pilot Program: LOP
Basin Number: 906.10
GW Depth: Not reported
Beneficial Use: Beneficial groundwater use other than Municipal use
NPDES Number: Not reported
Priority: Low priority. Priority ranking can change over time.
File Dispn: Administratively opened on database, however no file physically exists
Interim Remedial Actions: Not reported
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

HMMD SAN DIEGO:

Name: S-CUBED TORREY PINES
Address: 3020 CALLAN RD
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 123213
Business Type: 6HK67
EPA Id Number: CAD982502536
APN: DEH-123213
Last HMMD Inspection: 10/16/1991
Facility Telephone: 858-450-2421
Permit Status: INAC
Permit Expiration: 10/16/1991
Date Last Updated: 11/02/2012
Facility Owner: S-CUBED
Facility Mailing Address: 3020 CALLAN RD
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121-1109
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Name: CYTORI THERAPEUTICS INC
Address: 3020 CALLAN RD
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 205978
Business Type: 6HK67P
EPA Id Number: CAL000310646
APN: 340-010-44-00
Last HMMD Inspection: 01/24/2011
Facility Telephone: 858-458-0900
Permit Status: OPEN
Permit Expiration: 10/31/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SYNTHETIC GENOMICS INC (Continued)

S100732596

Date Last Updated: 11/02/2012
Facility Owner: CYTORI THERAPEUTICS INC
Facility Mailing Address: 3020 CALLAN RD
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 205978
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 205978
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 205978
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 205978
Update Date: 11/02/2012
Case Number: 68334-305
Name: DIESEL OIL
Other Information: DIESEL FUEL OIL
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 205978
Update Date: 11/02/2012
Case Number: Not reported
Name: HEAVY DUTY GERMICIDAL DETERGENT COMPLEX
Other Information: THE CLEANER (SPARTAN CHEMICAL CO)
Material Waste: Material
Hazardous Categories 1: ACUTE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SYNTHETIC GENOMICS INC (Continued)

S100732596

Hazardous Categories 2: Not reported

Permit Number: 205978
Update Date: 11/02/2012
Case Number: Not reported
Name: HYDROTREATED NAPHTHENIC OIL SOLUTION
Other Information: CUTTER EXP HW (SPARTAN CHEMICAL CO)
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 205978
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 205978
Update Date: 11/02/2012
Case Number: 68476-85-7
Name: PROPANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 205978
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 205978
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 223 UNSPEC OIL CONTAINING WASTE
Other Information: COOLANT WASTE
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 205978
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: FLAMMABLE DEBRIS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 205978

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SYNTHETIC GENOMICS INC (Continued)

S100732596

Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: LAB PACK (NAOH CULTURE WASTE, ACID STAINS WASTE)
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 205978
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 205978
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Name: CYTORI THERAPEUTICS INC
Address: 3020 CALLAN RD
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 205978
Business Type: 6HK67P
EPA Id Number: CAL000310646
APN: 340-010-44-00
Last HMMD Inspection: 01/24/2011
Facility Telephone: 858-458-0900
Permit Status: OPEN
Permit Expiration: 10/31/2013
Date Last Updated: 11/02/2012
Facility Owner: CYTORI THERAPEUTICS INC
Facility Mailing Address: 3020 CALLAN RD
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 205978
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON GAS
Other Information: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

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Database(s) EDR ID Number
EPA ID Number

SYNTHETIC GENOMICS INC (Continued)

S100732596

Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 205978
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 205978
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 205978
Update Date: 11/02/2012
Case Number: 68334-305
Name: DIESEL OIL
Other Information: DIESEL FUEL OIL
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 205978
Update Date: 11/02/2012
Case Number: Not reported
Name: HEAVY DUTY GERMICIDAL DETERGENT COMPLEX
Other Information: THE CLEANER (SPARTAN CHEMICAL CO)
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 205978
Update Date: 11/02/2012
Case Number: Not reported
Name: HYDROTREATED NAPHTHENIC OIL SOLUTION
Other Information: CUTTER EXP HW (SPARTAN CHEMICAL CO)
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 205978
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Map ID
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MAP FINDINGS

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Database(s) EDR ID Number
EPA ID Number

SYNTHETIC GENOMICS INC (Continued)

S100732596

Permit Number: 205978
Update Date: 11/02/2012
Case Number: 68476-85-7
Name: PROPANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 205978
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 205978
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 223 UNSPEC OIL CONTAINING WASTE
Other Information: COOLANT WASTE
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 205978
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: FLAMMABLE DEBRIS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 205978
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: LAB PACK (NAOH CULTURE WASTE, ACID STAINS WASTE)
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 205978
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 205978
Update Date: 11/02/2012
Case Number: Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SYNTHETIC GENOMICS INC (Continued)

S100732596

Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

CORTESE:

Name: S-CUBED TORREY PINES
Address: 3020 CALLAN RD
City,State,Zip: SAN DIEGO, CA 921211109
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0607302251
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:

edr_fname: S-CUBED TORREY PINES
edr_fadd1: 3020 CALLAN
City,State,Zip: SAN DIEGO, CA 92121
Region: CORTESE
Facility County Code: 37
Reg By: LTNKA
Reg Id: 9UT3486

HAZNET:

Name: SYNTHETIC GENOMICS INC
Address: 3020 CALLAN RD
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Contact: JACQUELINE DUFFIN
Telephone: 8582420740
Mailing Name: Not reported
Mailing Address: 11149 N. TORREY PINES RD.

Year: 2021
Gepaid: CAL000408537
TSD EPA ID: NMD002208627
CA Waste Code: 551 - Laboratory waste chemicals

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
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SYNTHETIC GENOMICS INC (Continued)

S100732596

Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.3575
Year:	2021
Gepaid:	CAL000408537
TSD EPA ID:	NMD002208627
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1275
Year:	2020
Gepaid:	CAL000408537
TSD EPA ID:	NMD002208627
CA Waste Code:	141 - Off-specification, aged or surplus inorganics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1625
Year:	2020
Gepaid:	CAL000408537
TSD EPA ID:	NMD002208627
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0545
Year:	2020
Gepaid:	CAL000408537
TSD EPA ID:	ARD069748192
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.106
Year:	2020
Gepaid:	CAL000408537
TSD EPA ID:	NMD002208627
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.3265
Year:	2020
Gepaid:	CAL000408537
TSD EPA ID:	NMD002208627
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.264
Year:	2019
Gepaid:	CAL000408537
TSD EPA ID:	NMD002208627
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

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MAP FINDINGS

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Database(s)

EDR ID Number
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SYNTHETIC GENOMICS INC (Continued)

S100732596

Tons: 0.12500

Year: 2019
Gepaid: CAL000408537
TSD EPA ID: NMD002208627
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Tons: 0.10440

Year: 2018
Gepaid: CAL000408537
TSD EPA ID: NMD002208627
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Tons: 0.25800

[Click this hyperlink](#) while viewing on your computer to access 8 additional CA HAZNET: record(s) in the EDR Site Report.

Detail Two:

Year: 2020
EM Manifest ID: e9814d95-a0a7-4c7a-8663-58cdec7784ab
Shipment Date: 5/12/2020
Receipt Date: 6/17/2020
Manifest Number: 021536302JJK
Generator EPA ID: CAL000408537
Name: SYNTHETIC GENOMICS
Address: 3020 CALLAN RD
Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718
Contact: Bill Coleman
Contact Telephone: 209-819-9731
Transporter 1 EPA ID: CAR000070540
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSD EPA ID: ARD069748192
TSD Name: Clean Harbors El Dorado LLC
TSD Address 1: 309 American Circle
TSD Address 2: Not reported
TSD City: El Dorado
TSD Zip: 71730
TSD Telephone: 800-483-3718

Federal:

Year: 2020
EM Manifest ID: e9814d95-a0a7-4c7a-8663-58cdec7784ab
Generator EPA ID: CAL000408537
Shipment Date: 2020-05-12
Manifest Number: 021536302JJK
Line Number: 1
Method Code: H040

Map ID
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MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

SYNTHETIC GENOMICS INC (Continued)

S100732596

Quantity Tons: 0.04300
Quantity Waste: 86.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D002

Year: 2020
EM Manifest ID: e9814d95-a0a7-4c7a-8663-58cdec7784ab
Generator EPA ID: CAL000408537
Shipment Date: 2020-05-12
Manifest Number: 021536302JJK
Line Number: 2
Method Code: H040
Quantity Tons: 0.00400
Quantity Waste: 8.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D001

Year: 2020
EM Manifest ID: e9814d95-a0a7-4c7a-8663-58cdec7784ab
Generator EPA ID: CAL000408537
Shipment Date: 2020-05-12
Manifest Number: 021536302JJK
Line Number: 2
Method Code: H040
Quantity Tons: 0.00400
Quantity Waste: 8.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D002

Year: 2020
EM Manifest ID: e9814d95-a0a7-4c7a-8663-58cdec7784ab
Generator EPA ID: CAL000408537
Shipment Date: 2020-05-12
Manifest Number: 021536302JJK
Line Number: 3
Method Code: H040
Quantity Tons: 0.01250
Quantity Waste: 25.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D001

Year: 2020
EM Manifest ID: e9814d95-a0a7-4c7a-8663-58cdec7784ab
Generator EPA ID: CAL000408537
Shipment Date: 2020-05-12

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SYNTHETIC GENOMICS INC (Continued)

S100732596

Manifest Number: 021536302JJK
Line Number: 5
Method Code: H040
Quantity Tons: 0.03450
Quantity Waste: 69.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D005

Year: 2020
EM Manifest ID: e9814d95-a0a7-4c7a-8663-58cdec7784ab
Generator EPA ID: CAL000408537
Shipment Date: 2020-05-12
Manifest Number: 021536302JJK
Line Number: 6
Method Code: H040
Quantity Tons: 0.00750
Quantity Waste: 15.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D001

Year: 2020
EM Manifest ID: e9814d95-a0a7-4c7a-8663-58cdec7784ab
Generator EPA ID: CAL000408537
Shipment Date: 2020-05-12
Manifest Number: 021536302JJK
Line Number: 6
Method Code: H040
Quantity Tons: 0.00750
Quantity Waste: 15.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D003

State:
Year: 2020
EM Manifest ID: e9814d95-a0a7-4c7a-8663-58cdec7784ab
Generator EPA ID: CAL000408537
Shipment Date: 2020-05-12
Manifest Number: 021536302JJK
Line Number: 1
Method Code: H040
Quantity Tons: 0.04300
Quantity Waste: 86.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

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EDR ID Number
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Database(s)

SYNTHETIC GENOMICS INC (Continued)

S100732596

Year: 2020
EM Manifest ID: e9814d95-a0a7-4c7a-8663-58cdec7784ab
Generator EPA ID: CAL000408537
Shipment Date: 2020-05-12
Manifest Number: 021536302JJK
Line Number: 2
Method Code: H040
Quantity Tons: 0.00400
Quantity Waste: 8.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

Year: 2020
EM Manifest ID: e9814d95-a0a7-4c7a-8663-58cdec7784ab
Generator EPA ID: CAL000408537
Shipment Date: 2020-05-12
Manifest Number: 021536302JJK
Line Number: 3
Method Code: H040
Quantity Tons: 0.01250
Quantity Waste: 25.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

Year: 2020
EM Manifest ID: e9814d95-a0a7-4c7a-8663-58cdec7784ab
Generator EPA ID: CAL000408537
Shipment Date: 2020-05-12
Manifest Number: 021536302JJK
Line Number: 4
Method Code: H040
Quantity Tons: 0.00450
Quantity Waste: 9.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

Year: 2020
EM Manifest ID: e9814d95-a0a7-4c7a-8663-58cdec7784ab
Generator EPA ID: CAL000408537
Shipment Date: 2020-05-12
Manifest Number: 021536302JJK
Line Number: 5
Method Code: H040
Quantity Tons: 0.03450
Quantity Waste: 69.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs

Map ID
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MAP FINDINGS

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Database(s)
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SYNTHETIC GENOMICS INC (Continued)

S100732596

Quantity Type: Pounds
State Code: 551

Year: 2020
EM Manifest ID: e9814d95-a0a7-4c7a-8663-58cdec7784ab
Generator EPA ID: CAL000408537
Shipment Date: 2020-05-12
Manifest Number: 021536302JJK
Line Number: 6
Method Code: H040
Quantity Tons: 0.00750
Quantity Waste: 15.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

Detail Two:

Year: 2019
EM Manifest ID: 1000711
Shipment Date: 10/11/2018
Receipt Date: 11/9/2018
Manifest Number: 019219937JJK
Generator EPA ID: CAL000408537
Name: SYNTHETIC GENOMICS INC
Address: 3020 CALLAN RD
Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 888-785-7225
Contact: Not reported
Contact Telephone: 858-242-0740
Transporter 1 EPA ID: CAR000070540
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: AZR000516211
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: NMD002208627
TSDf Name: ADVANCED CHEMICAL TREATMENT, LLC
TSDf Address 1: 6133 EDITH BLVD NE
TSDf Address 2: Not reported
TSDf City: ALBUQUERQUE
TSDf Zip: 87107
TSDf Telephone: Not reported

Federal:

Year: 2019
EM Manifest ID: 1000711
Generator EPA ID: CAL000408537
Shipment Date: 2018-10-11
Manifest Number: 019219937JJK
Line Number: 1
Method Code: H141
Quantity Tons: 0.10800
Quantity Waste: 30.000000
Quantity Unit: G

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MAP FINDINGS

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Database(s) EDR ID Number
EPA ID Number

SYNTHETIC GENOMICS INC (Continued)

S100732596

Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Gallons
Federal Code: D001

Year: 2019
EM Manifest ID: 1000711
Generator EPA ID: CAL000408537
Shipment Date: 2018-10-11
Manifest Number: 019219937JJK
Line Number: 1
Method Code: H141
Quantity Tons: 0.10800
Quantity Waste: 30.000000
Quantity Unit: G
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Gallons
Federal Code: D038

Year: 2019
EM Manifest ID: 1000711
Generator EPA ID: CAL000408537
Shipment Date: 2018-10-11
Manifest Number: 019219937JJK
Line Number: 1
Method Code: H141
Quantity Tons: 0.10800
Quantity Waste: 30.000000
Quantity Unit: G
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Gallons
Federal Code: F002

Year: 2019
EM Manifest ID: 1000711
Generator EPA ID: CAL000408537
Shipment Date: 2018-10-11
Manifest Number: 019219937JJK
Line Number: 1
Method Code: H141
Quantity Tons: 0.10800
Quantity Waste: 30.000000
Quantity Unit: G
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Gallons
Federal Code: F005

State:

Year: 2019
EM Manifest ID: 1000711
Generator EPA ID: CAL000408537
Shipment Date: 2018-10-11
Manifest Number: 019219937JJK
Line Number: 1

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MAP FINDINGS

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Database(s)
EDR ID Number
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SYNTHETIC GENOMICS INC (Continued)

S100732596

Method Code: H141
Quantity Tons: 0.10800
Quantity Waste: 30.000000
Quantity Unit: G
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Gallons
State Code: 214

Additional Info:

Year: 2017
Gen EPA ID: CAL000408537

Shipment Date: 20171130
Creation Date: 12/5/2018 18:30:10
Receipt Date: 20171206
Manifest ID: 017613429JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: U188
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0035
Waste Quantity: 7
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171130
Creation Date: 12/5/2018 18:30:10
Receipt Date: 20171206
Manifest ID: 017613429JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.006
Waste Quantity: 12

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MAP FINDINGS

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EDR ID Number
EPA ID Number
Database(s)

SYNTHETIC GENOMICS INC (Continued)

S100732596

Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171130
Creation Date: 12/5/2018 18:30:10
Receipt Date: 20171206
Manifest ID: 017613429JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D022
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0035
Waste Quantity: 7
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171114
Creation Date: 12/5/2018 18:30:10
Receipt Date: 20171208
Manifest ID: 017613229JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.08
Waste Quantity: 160
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SYNTHETIC GENOMICS INC (Continued)

S100732596

Shipment Date: 20170207
Creation Date: 5/11/2018 18:33:18
Receipt Date: 20170223
Manifest ID: 017011745JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.048
Waste Quantity: 96
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2016
Gen EPA ID: CAL000408537

Shipment Date: 20151204
Creation Date: 9/27/2016 18:30:52
Receipt Date: 20151218
Manifest ID: 014957489JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.045
Waste Quantity: 90
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150805
Creation Date: 5/4/2016 22:15:22
Receipt Date: 20150821

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

SYNTHETIC GENOMICS INC (Continued)

S100732596

Manifest ID: 014351253JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D009
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0075
Waste Quantity: 15
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150805
Creation Date: 5/4/2016 22:15:22
Receipt Date: 20150821
Manifest ID: 014351253JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0815
Waste Quantity: 163
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150805
Creation Date: 5/4/2016 22:15:22
Receipt Date: 20150821
Manifest ID: 014351253JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SYNTHETIC GENOMICS INC (Continued)

S100732596

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D022
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.015
Waste Quantity: 30
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2015
Gen EPA ID: CAL000408537

Shipment Date: 20151204
Creation Date: 9/27/2016 18:30:52
Receipt Date: 20151218
Manifest ID: 014957489JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.045
Waste Quantity: 90
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150805
Creation Date: 5/4/2016 22:15:22
Receipt Date: 20150821
Manifest ID: 014351253JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SYNTHETIC GENOMICS INC (Continued)

S100732596

RCRA Code: D022
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.015
Waste Quantity: 30
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported
Shipment Date: 20150805
Creation Date: 5/4/2016 22:15:22
Receipt Date: 20150821
Manifest ID: 014351253JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D009
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0075
Waste Quantity: 15
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported
Shipment Date: 20150805
Creation Date: 5/4/2016 22:15:22
Receipt Date: 20150821
Manifest ID: 014351253JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0815
Waste Quantity: 163
Quantity Unit: P
Additional Code 1: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SYNTHETIC GENOMICS INC (Continued)

S100732596

Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

NPDES:

Name: CYTORI THERAPEUTICS INC
Address: 3020 CALLAN ROAD
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 9 37IN601955
Regulatory Measure Type: Industrial
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Undetermined
Status Date: 05/30/2012
Operator Name: Cytori Therapeutics Inc
Operator Address: 3020 Callan Road
Operator City: San Diego
Operator State: California
Operator Zip: 92121

CERS:

Name: S-CUBED TORREY PINES
Address: 3020 CALLAN RD
City,State,Zip: SAN DIEGO, CA 921211109
Site ID: 215849
CERS ID: T0607302251
CERS Description: Leaking Underground Storage Tank Cleanup Site

HWTS:

Name: SYNTHETIC GENOMICS INC
Address: 3020 CALLAN RD
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000408537
Inactive Date: 06/30/2021
Create Date: 07/15/2015
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 11149 N. TORREY PINES RD.
Mailing Address 2: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

Database(s)

Site

SYNTHETIC GENOMICS INC (Continued)

S100732596

Mailing City,State,Zip: LA JOLLA, CA 92037
 Owner Name: SYNTHETIC GENOMICS INC
 Owner Address: 11149 N TORREY PINES RD
 Owner Address 2: Not reported
 Owner City,State,Zip: LA JOLLA, CA 920370000
 Contact Name: JACQUELINE DUFFIN
 Contact Address: 11149 N. TORREY PINES RD.
 Contact Address 2: Not reported
 City,State,Zip: LA JOLLA, CA 92037
 Facility Status: Inactive
 Facility Type: PERMANENT
 Category: STATE
 Latitude: 32.907393
 Longitude: -117.240237

NAICS:
 EPA ID: CAL000408537
 Create Date: 2015-07-15 15:38:23.607
 NAICS Code: 54171
 NAICS Description: Research and Development in the Physical, Engineering, and Life Sciences

Issued EPA ID Date: 2015-07-15 15:38:23.60300
 Inactive Date: Not reported
 Facility Name: SYNTHETIC GENOMICS INC
 Facility Address: 3020 CALLAN RD
 Facility Address 2: Not reported
 Facility City: SAN DIEGO
 Facility County: Not reported
 Facility State: CA
 Facility Zip: 92121

G64
West
1/8-1/4
0.129 mi.
679 ft.

SYNTHETIC GENOMICS INC
3020 CALLAN RD
SAN DIEGO, CA 92121
Site 5 of 6 in cluster G

RCRA NonGen / NLR **1024850712**
CAL000408537

Relative:
Higher
Actual:
373 ft.

RCRA Listings:
 Date Form Received by Agency: 20150715
 Handler Name: SYNTHETIC GENOMICS INC
 Handler Address: 3020 CALLAN RD
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000408537
 Contact Name: JACQUELINE DUFFIN
 Contact Address: 11149 N TORREY PINES RD
 Contact City,State,Zip: LA JOLLA, CA 92037
 Contact Telephone: 858-242-0740
 Contact Fax: 858-754-2988
 Contact Email: JDUFFIN@SYNTHETICGENOMICS.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SYNTHETIC GENOMICS INC (Continued)

1024850712

State District Owner:	Not reported
State District:	Not reported
Mailing Address:	11149 N TORREY PINES RD
Mailing City,State,Zip:	LA JOLLA, CA 92037-0000
Owner Name:	SYNTHETIC GENOMICS INC
Owner Type:	Other
Operator Name:	JACQUELINE DUFFIN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

SYNTHETIC GENOMICS INC (Continued)

1024850712

Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: JACQUELINE DUFFIN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11149 N TORREY PINES RD
Owner/Operator City,State,Zip: LA JOLLA, CA 92037
Owner/Operator Telephone: 858-242-0740
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SYNTHETIC GENOMICS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11149 N TORREY PINES RD
Owner/Operator City,State,Zip: LA JOLLA, CA 92037-0000
Owner/Operator Telephone: 858-754-2900
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20150715
Handler Name: SYNTHETIC GENOMICS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 54171
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

SYNTHETIC GENOMICS INC (Continued)

1024850712

Evaluation Action Summary:
 Evaluations: No Evaluations Found

G65
West
1/8-1/4
0.129 mi.
679 ft.

CYTORI THERAPEUTICS, INC.
3020 CALLAN ROAD
SAN DIEGO, CA 92121

RCRA-SQG **1012175860**
CA HAZNET **CAR000196618**
CA HWTS

Site 6 of 6 in cluster G

Relative:
Higher

Actual:
373 ft.

RCRA Listings: 20160224
 Date Form Received by Agency: 20160224
 Handler Name: CYTORI THERAPEUTICS, INC.
 Handler Address: 3020 CALLAN ROAD
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAR000196618
 Contact Name: BOBBY MCKEE
 Contact Address: CALLAN ROAD
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-458-0900
 Contact Fax: Not reported
 Contact Email: BMCKEE@CYTORI.COM
 Contact Title: LABORATORY MANAGER
 EPA Region: 09
 Land Type: Private
 Federal Waste Generator Description: Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: 2015
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: CALLAN ROAD
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: HCP CALLAN RD, LLC
 Owner Type: Private
 Operator Name: CYTORI THERAPEUTICS, INC.
 Operator Type: Private
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: NN

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSD Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20161104
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2015

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Waste Description: MERCURY

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F001
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: P005
Waste Description: 2-PROPEN-1-OL (OR) ALLYL ALCOHOL

Waste Code: P030
Waste Description: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

Waste Code: P087
Waste Description: OSMIUM OXIDE OSO4, (T-4)- (OR) OSMIUM TETROXIDE

Waste Code: U031
Waste Description: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HCP CALLAN RD, LLC
Legal Status:	Private
Date Became Current:	20100401
Date Ended Current:	Not reported
Owner/Operator Address:	11011 N TORREY PINES RD # 101

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-558-0383
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CYTORI THERAPEUTICS INC
Legal Status: Private
Date Became Current: 20060801
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CYTORI THERAPEUTICS, INC.
Legal Status: Private
Date Became Current: 20061201
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HCP CALLAN RD LLC CUSHMAN AND WAKEFIELD
Legal Status: Private
Date Became Current: 20071116
Date Ended Current: Not reported
Owner/Operator Address: 3020 CALLAN RD
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20160224
Handler Name: CYTORI THERAPEUTICS, INC.
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20081103

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Handler Name: CYTORI THERAPEUTICS INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 541711
NAICS Description: RESEARCH AND DEVELOPMENT IN BIOTECHNOLOGY

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

HAZNET:

Name: CYTORI THERAPEUTICS INC
Address: 3020 CALLAN RD
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 921210000
Contact: MAGGIE BRUDER
Telephone: 8584580900
Mailing Name: Not reported
Mailing Address: 3020 CALLAN RD

Year: 2019
Gepaid: CAR000196618
TSD EPA ID: TXD000838896
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.00100

Year: 2019
Gepaid: CAR000196618
TSD EPA ID: CAD008302903
CA Waste Code: 791 - Liquids with pH <= 2
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.01450

Year: 2019
Gepaid: CAR000196618
TSD EPA ID: CAD008302903
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.08050

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Database(s)

EDR ID Number
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CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Year:	2019
Gepaid:	CAR000196618
TSD EPA ID:	CAT080014079
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.00050
Year:	2019
Gepaid:	CAR000196618
TSD EPA ID:	CAD008302903
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.45950
Year:	2019
Gepaid:	CAR000196618
TSD EPA ID:	CAD008302903
CA Waste Code:	122 - Alkaline solution without metals pH >= 12.5
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.07250
Year:	2018
Gepaid:	CAR000196618
TSD EPA ID:	CAD008302903
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.26600
Year:	2016
Gepaid:	CAR000196618
TSD EPA ID:	NMD002208627
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0075
Year:	2016
Gepaid:	CAR000196618
TSD EPA ID:	NMD002208627
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.005
Year:	2016
Gepaid:	CAR000196618
TSD EPA ID:	NMD002208627
CA Waste Code:	135 - Unspecified aqueous solution
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.07

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CYTORI THERAPEUTICS, INC. (Continued)

1012175860

[Click this hyperlink](#) while viewing on your computer to access
61 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2016
Gen EPA ID:	CAR000196618
Shipment Date:	20151216
Creation Date:	2/11/2016 22:15:11
Receipt Date:	20151223
Manifest ID:	014957166JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.7
Waste Quantity:	1400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150827
Creation Date:	2/9/2016 22:15:11
Receipt Date:	20151006
Manifest ID:	014351093JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERV INC
TSDF EPA ID:	ARD069748192
Trans Name:	CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0205
Waste Quantity:	41
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

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CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Shipment Date:	20150827
Creation Date:	11/5/2015 22:15:17
Receipt Date:	20150903
Manifest ID:	014351094JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.7931
Waste Quantity:	430
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150827
Creation Date:	11/5/2015 22:15:17
Receipt Date:	20150903
Manifest ID:	014351094JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.6935
Waste Quantity:	1387
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150827
Creation Date:	2/11/2016 22:15:11
Receipt Date:	20150912
Manifest ID:	014351092JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

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CYTORI THERAPEUTICS, INC. (Continued)

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TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.03
Waste Quantity: 60
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150505
Creation Date: 11/17/2015 22:15:32
Receipt Date: 20150520
Manifest ID: 014347439JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID: ARD069748192
Trans Name: CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 311 - Pharmaceutical waste
RCRA Code: Not reported
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.0035
Waste Quantity: 7
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150423
Creation Date: 11/20/2015 22:15:16
Receipt Date: 20150518
Manifest ID: 014347431JJK
Trans EPA ID: CAR000241653
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SD)
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD TRANSPORT INC
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D007
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

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CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150423
Creation Date:	11/20/2015 22:15:16
Receipt Date:	20150518
Manifest ID:	014347431JJK
Trans EPA ID:	CAR000241653
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SD)
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDf EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150423
Creation Date:	11/20/2015 22:15:16
Receipt Date:	20150518
Manifest ID:	014347431JJK
Trans EPA ID:	CAR000241653
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SD)
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDf EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

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Database(s) EDR ID Number
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CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Additional Code 5: Not reported

Shipment Date: 20150423
Creation Date: 11/20/2015 22:15:16
Receipt Date: 20150518
Manifest ID: 014347431JJK
Trans EPA ID: CAR000241653
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SD)
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD TRANSPORT INC
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.004
Waste Quantity: 8
Quantity Unit: P

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2015
Gen EPA ID: CAR000196618

Shipment Date: 20151216
Creation Date: 2/11/2016 22:15:11
Receipt Date: 20151223
Manifest ID: 014957166JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect

Quantity Tons: 0.7
Waste Quantity: 1400
Quantity Unit: P

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150827

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Database(s) EDR ID Number
EPA ID Number

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Creation Date: 2/9/2016 22:15:11
Receipt Date: 20151006
Manifest ID: 014351093JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SERV INC
TSDf EPA ID: ARD069748192
Trans Name: CLEAN HARBORS EL DORADO LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: Not reported
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.0205
Waste Quantity: 41
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150827
Creation Date: 2/11/2016 22:15:11
Receipt Date: 20150912
Manifest ID: 014351092JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.03
Waste Quantity: 60
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150827
Creation Date: 11/5/2015 22:15:17
Receipt Date: 20150903
Manifest ID: 014351094JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481

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CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Trans Name:	FILTER RECYCLING SERVICES INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.7931
Waste Quantity:	430
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150827
Creation Date:	11/5/2015 22:15:17
Receipt Date:	20150903
Manifest ID:	014351094JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.6935
Waste Quantity:	1387
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150505
Creation Date:	11/17/2015 22:15:32
Receipt Date:	20150520
Manifest ID:	014347439JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDf EPA ID:	ARD069748192
Trans Name:	CLEAN HARBORS EL DORADO LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0035
Waste Quantity:	7

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CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150423
Creation Date: 8/31/2015 22:15:34
Receipt Date: 20150513
Manifest ID: 014347099JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SER INC
TSDf EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.003
Waste Quantity: 6
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150423
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 014347431JJK
Trans EPA ID: CAR000241653
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SD)
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD TRANSPORT INC
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0095
Waste Quantity: 19
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

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CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Shipment Date:	20150423
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	014347431JJK
Trans EPA ID:	CAR000241653
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SD)
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDf EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150423
Creation Date:	8/31/2015 22:15:34
Receipt Date:	20150513
Manifest ID:	014347099JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SER INC
TSDf EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05838
Waste Quantity:	14
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2014
Gen EPA ID:	CAR000196618
Shipment Date:	20141203
Creation Date:	2/13/2015 22:15:23
Receipt Date:	20141204

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Manifest ID: 013818261JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect

Quantity Tons: 0.716
Waste Quantity: 1432
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20141028
Creation Date: 12/31/2014 22:14:53
Receipt Date: 20141030
Manifest ID: 013744853JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 0.716
Waste Quantity: 1432
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20141028
Creation Date: 12/31/2014 22:14:53
Receipt Date: 20141030
Manifest ID: 013744853JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.834
Waste Quantity: 200
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140822
Creation Date: 11/22/2014 22:15:06
Receipt Date: 20140911
Manifest ID: 012947668JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SERV INC
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.045
Waste Quantity: 90
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140822
Creation Date: 11/22/2014 22:15:06
Receipt Date: 20140911
Manifest ID: 012947668JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SERV INC
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: U122
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.021
Waste Quantity: 5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140822
Creation Date: 2/11/2015 22:15:10
Receipt Date: 20140830
Manifest ID: 012947667JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.10425
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: F002
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140411
Creation Date: 6/6/2014 22:15:06
Receipt Date: 20140417
Manifest ID: 012946282JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.22935
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Shipment Date: 20140411
Creation Date: 6/6/2014 22:15:06
Receipt Date: 20140417
Manifest ID: 012946282JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect

Quantity Tons: 0.4375
Waste Quantity: 875
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140326
Creation Date: 9/10/2014 22:15:25
Receipt Date: 20140421
Manifest ID: 012946136JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SERV INC
TSDf EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.044
Waste Quantity: 88
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140326
Creation Date: 9/10/2014 22:15:25
Receipt Date: 20140421
Manifest ID: 012946136JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: MAD039322250

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Trans 2 Name: CLEAN HARBORS ENV SERV INC
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.049
Waste Quantity: 98
Quantity Unit: P
Additional Code 1: F002
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2013
Gen EPA ID: CAR000196618

Shipment Date: 20130924
Creation Date: 3/12/2014 22:15:10
Receipt Date: 20131024
Manifest ID: 011851121JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SERV INC
TSDF EPA ID: ARD069748192
Trans Name: CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F002
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.003
Waste Quantity: 6
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130924
Creation Date: 3/3/2014 22:15:27
Receipt Date: 20131004
Manifest ID: 011851126JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.004
Waste Quantity: 8
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130924
Creation Date: 3/3/2014 22:15:27
Receipt Date: 20131004
Manifest ID: 011851126JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.008
Waste Quantity: 16
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130924
Creation Date: 3/3/2014 22:15:27
Receipt Date: 20131004
Manifest ID: 011851126JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.004
Waste Quantity: 8

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130924
Creation Date: 3/3/2014 22:15:27
Receipt Date: 20131004
Manifest ID: 011851126JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D008
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0035
Waste Quantity: 7
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130924
Creation Date: 12/4/2013 22:15:05
Receipt Date: 20131009
Manifest ID: 011851122JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SERV INC
TSDf EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.04
Waste Quantity: 80
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Shipment Date:	20130924
Creation Date:	12/4/2013 22:15:05
Receipt Date:	20131009
Manifest ID:	011851122JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERV INC
TSDf EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	U122
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.042
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130827
Creation Date:	10/26/2013 22:15:06
Receipt Date:	20130829
Manifest ID:	011851829JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.45
Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130827
Creation Date:	10/26/2013 22:15:06
Receipt Date:	20130829
Manifest ID:	011851829JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 1.0425
Waste Quantity: 250
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130417
Creation Date: 6/18/2013 22:15:07
Receipt Date: 20130425
Manifest ID: 011076487JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.6255
Waste Quantity: 150
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2012
Gen EPA ID: CAR000196618

Shipment Date: 20121204
Creation Date: 1/21/2013 22:15:09
Receipt Date: 20121206
Manifest ID: 010166043JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.6255
Waste Quantity: 150
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20121204
Creation Date: 1/21/2013 22:15:09
Receipt Date: 20121206
Manifest ID: 010166043JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons: 0.251
Waste Quantity: 502
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20121008
Creation Date: 4/3/2013 22:15:15
Receipt Date: 20121017
Manifest ID: 010165988JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D011
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.004
Waste Quantity: 8
Quantity Unit: P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121008
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010165988JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121008
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010165988JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0045
Waste Quantity:	9
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Creation Date: 4/3/2013 22:15:15
Receipt Date: 20121017
Manifest ID: 010165988JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D011
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0035
Waste Quantity: 7
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20121008
Creation Date: 4/3/2013 22:15:15
Receipt Date: 20121017
Manifest ID: 010165988JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.009
Waste Quantity: 18
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20121008
Creation Date: 4/3/2013 22:15:15
Receipt Date: 20121017
Manifest ID: 010165988JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120907
Creation Date: 11/13/2012 22:15:06
Receipt Date: 20120913
Manifest ID: 010165659JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 1.251
Waste Quantity: 300
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120830
Creation Date: 11/14/2012 22:15:52
Receipt Date: 20120912
Manifest ID: 010154251JJK
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO / KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Regeneration, Organics Recovery Ect
Quantity Tons: 0.042
Waste Quantity: 10
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2011
Gen EPA ID: CAR000196618

Shipment Date: 20110516
Creation Date: 6/28/2011 18:30:21
Receipt Date: 20110520
Manifest ID: 008720664JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.3
Waste Quantity: 600
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110425
Creation Date: 6/16/2011 18:30:20
Receipt Date: 20110429
Manifest ID: 008042923JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H129 - Other Treatment
Quantity Tons: 0.1625
Waste Quantity: 325
Quantity Unit: P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110307
Creation Date:	4/22/2011 18:31:11
Receipt Date:	20110311
Manifest ID:	008041437JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110228
Creation Date:	4/22/2011 18:31:11
Receipt Date:	20110303
Manifest ID:	008041397JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.0425
Waste Quantity:	250
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110222

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Creation Date: 4/22/2011 18:31:11
Receipt Date: 20110224
Manifest ID: 008041320JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.1345
Waste Quantity: 269
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110222
Creation Date: 4/22/2011 18:31:11
Receipt Date: 20110224
Manifest ID: 008041320JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.834
Waste Quantity: 200
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110204
Creation Date: 5/19/2011 18:30:18
Receipt Date: 20110210
Manifest ID: 008041132JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SVCS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0055
Waste Quantity: 11
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110204
Creation Date: 5/19/2011 18:30:18
Receipt Date: 20110210
Manifest ID: 008041132JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SVCS
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.018
Waste Quantity: 5
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: F002
Additional Code 3: D002
Additional Code 4: D001
Additional Code 5: Not reported

Shipment Date: 20110204
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 008041132JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SVCS
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0035
Waste Quantity: 7
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110204
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 008041132JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SVCS
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0035
Waste Quantity: 7
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2010
Gen EPA ID: CAR000196618

Shipment Date: 20101115
Creation Date: 5/5/2011 18:30:32
Receipt Date: 20101119
Manifest ID: 008042048JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SVCS
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0665
Waste Quantity: 133

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20101115
Creation Date: 1/3/2011 18:31:25
Receipt Date: 20101118
Manifest ID: 008042049JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.6255
Waste Quantity: 150
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20101115
Creation Date: 1/3/2011 18:31:25
Receipt Date: 20101118
Manifest ID: 008042049JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.1225
Waste Quantity: 245
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Shipment Date: 20100630
Creation Date: 9/10/2010 18:30:08
Receipt Date: 20100709
Manifest ID: 007015127JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.22935
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20100630
Creation Date: 9/10/2010 18:30:08
Receipt Date: 20100709
Manifest ID: 007015127JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.375
Waste Quantity: 750
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20100610
Creation Date: 10/8/2010 18:30:08
Receipt Date: 20100621
Manifest ID: 007014915JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: MAD039322250

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Trans 2 Name: CLEAN HARBORS ENV SERVICES INC
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0175
Waste Quantity: 35
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20100527
Creation Date: 8/26/2010 18:30:18
Receipt Date: 20100603
Manifest ID: 007014766JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H129 - Other Treatment
Quantity Tons: 0.4655
Waste Quantity: 931
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20100527
Creation Date: 8/26/2010 18:30:18
Receipt Date: 20100603
Manifest ID: 007014766JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100514
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007014676JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVCS
TSDf EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0845
Waste Quantity:	169
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100514
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007014676JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVCS
TSDf EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2009
Gen EPA ID: CAR000196618

Shipment Date: 20090908
Creation Date: 10/29/2009 18:30:19
Receipt Date: 20090910
Manifest ID: 006002163JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H129 - Other Treatment
Quantity Tons: 0.7
Waste Quantity: 1400
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090908
Creation Date: 12/8/2009 18:30:31
Receipt Date: 20090918
Manifest ID: 006002164JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS
TSDf EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D008
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0035
Waste Quantity: 7
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090908

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Creation Date: 10/29/2009 18:30:19
Receipt Date: 20090910
Manifest ID: 006002163JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.22935
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090908
Creation Date: 3/5/2010 18:31:07
Receipt Date: 20090925
Manifest ID: 006002166JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS
TSDf EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.004
Waste Quantity: 8
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090908
Creation Date: 12/8/2009 18:30:31
Receipt Date: 20090918
Manifest ID: 006002164JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS
TSDf EPA ID: CAD044429835

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.054
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: F002
Additional Code 3: D002
Additional Code 4: D001
Additional Code 5: Not reported

Shipment Date: 20090908
Creation Date: 12/8/2009 18:30:31
Receipt Date: 20090918
Manifest ID: 006002164JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.004
Waste Quantity: 8
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090211
Creation Date: 4/8/2009 18:30:55
Receipt Date: 20090219
Manifest ID: 004226077JJK
Trans EPA ID: CAR000159277
Trans Name: GEN TEC SOLUTIONS INC
Trans 2 EPA ID: CAD981412356
Trans 2 Name: PACIFIC TRANS ENVIRONMENTAL SERVICES
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Map ID
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MAP FINDINGS

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Database(s)
EDR ID Number
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CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Quantity Tons: 1.35
Waste Quantity: 2700
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090211
Creation Date: 4/8/2009 18:30:55
Receipt Date: 20090219
Manifest ID: 004226077JJK
Trans EPA ID: CAR000159277
Trans Name: GEN TEC SOLUTIONS INC
Trans 2 EPA ID: CAD981412356
Trans 2 Name: PACIFIC TRANS ENVIRONMENTAL SERVICES
TSDf EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.14
Waste Quantity: 280
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: CYTORI THERAPEUTICS INC
Address: 3020 CALLAN RD
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAR000196618
Inactive Date: 06/30/2020
Create Date: 02/02/2009
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 3020 CALLAN RD
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 921210000
Owner Name: CYTORI THERAPEUTICS INC
Owner Address: 3020 CALLAN RD
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 921210000
Contact Name: MAGGIE BRUDER
Contact Address: 3020 CALLAN RD
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Inactive
Facility Type: PERMANENT

Map ID
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MAP FINDINGS

EDR ID Number
 EPA ID Number

Database(s)

Site

CYTORI THERAPEUTICS, INC. (Continued)

1012175860

Category: FEDERAL
 Latitude: 32.905094
 Longitude: -117.239795

NAICS:
 EPA ID: CAR000196618
 Create Date: 2009-12-03 12:41:18.000
 NAICS Code: 54171
 NAICS Description: Research and Development in the Physical, Engineering, and Life Sciences

Issued EPA ID Date: 2009-02-02 08:53:06
 Inactive Date: 2020-06-30 00:00:00
 Facility Name: CYTORI THERAPEUTICS INC
 Facility Address: 3020 CALLAN RD
 Facility Address 2: Not reported
 Facility City: SAN DIEGO
 Facility County: Not reported
 Facility State: CA
 Facility Zip: 921210000

H66
SSW
1/8-1/4
0.141 mi.
742 ft.

SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE
10905 ROAD TO THE CURE
SAN DIEGO, CA 92121

Site 1 of 2 in cluster H

CA San Diego Co. HMMD
CA CERS HAZ WASTE
CA CERS

S109280023
N/A

Relative:
Higher
Actual:
336 ft.

HMMD SAN DIEGO:
 Name: SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE
 Address: 10905 ROAD TO THE CURE
 City,State,Zip: SAN DIEGO, CA 92121
 Permit Number: Not reported
 Business Type: Not reported
 EPA Id Number: CAL000344658
 APN: Not reported
 Last HMMD Inspection: Not reported
 Facility Telephone: 858-646-3100
 Permit Status: Permit Renewed
 Permit Expiration: Not reported
 Date Last Updated: 03/12/2022
 Facility Owner: Not reported
 Facility Mailing Address: 10901 N TORREY PINES RD, LA JOLLA, CA 92037-1005
 Facility Mailing City: Not reported
 Facility Mailing State: Not reported
 Facility Mailing Zip: Not reported
 UST Owner: N
 Handle Regulated Hazmat: Not reported
 Own Or Operate UST: Not reported
 Subject To APSA: Not reported
 Generate Haz Waste: Y
 Treat Haz Waste: N
 Generate Medical Waste: Not reported

Inspection Violation:
 Record ID: DEH2010-HUPFP-211758
 Permit Status: Permit Renewed
 Active Permit: Y
 Facility Id Number: 37-000-211758
 Program Element: Hazardous Waste Generator

Map ID
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MAP FINDINGS

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Database(s)
EDR ID Number
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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Inspection Type: Routine
Inspection Number: 6806263
Return To Compliance Date: Not reported
Nov: Not reported
Violation Classification: Not reported
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-03-12T00:00:00.000
Inspection Date: 2021-11-19T00:00:00.000
Violation Code: HMD0001 STORAGE AND HANDLING

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-211758
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 4113358
Return To Compliance Date: 2013-07-25T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-03-12T00:00:00.000
Inspection Date: 2013-06-25T14:33:00.000
Violation Code: 3030030 Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment...; 22 CCR 12 66262.34(d)(2); 40 CFR 1 265.31.

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-211758
Program Element: Medical Waste
Inspection Type: Routine
Inspection Number: 6034139
Return To Compliance Date: 2018-11-19T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-03-12T00:00:00.000
Inspection Date: 2018-11-15T15:00:00.000
Violation Code: HMD4254 No records of annual thermometer calibration checks onsite for at least the past 2 years. HSC 118215(a)(2)(B)

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-211758
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 6806263
Return To Compliance Date: Not reported
Nov: No

Map ID
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MAP FINDINGS

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Database(s)
EDR ID Number
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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-12-04T12:51:24.000
Inspection Date: 2021-11-19T00:00:00.000
Violation Code: 3030057 Failed to comply with hazardous waste satellite container regulation. 22 CCR 66262.34(e)

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-211758
Program Element: Medical Waste
Inspection Type: Routine
Inspection Number: 6806263
Return To Compliance Date: Not reported
Nov: Not reported
Violation Classification: Not reported
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-03-12T00:00:00.000
Inspection Date: 2021-11-19T00:00:00.000
Violation Code: X HMD0001 (>= 200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-211758
Program Element: Medical Waste
Inspection Type: Routine
Inspection Number: 6806263
Return To Compliance Date: 2021-12-02T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-03-12T00:00:00.000
Inspection Date: 2021-11-19T00:00:00.000
Violation Code: HMD4506 Initial and/or annual training documentation for operators that treat medical waste not available for two years. HSC 117967(c), 117938(b)(3)

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-211758
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 6806263
Return To Compliance Date: 2021-12-03T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-03-12T00:00:00.000
Inspection Date: 2021-11-19T00:00:00.000
Violation Code: 3030057 Failed to comply with hazardous waste satellite container

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

regulation. 22 CCR 66262.34(e)

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-211758
Program Element: Medical Waste
Inspection Type: Routine
Inspection Number: 4113358
Return To Compliance Date: 2013-07-25T00:00:00.000
Nov: Not reported
Violation Classification: Not reported
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-03-12T00:00:00.000
Inspection Date: 2013-06-25T14:33:00.000
Violation Code: 4254 No records of annual thermometer calibration checks onsite for at least the past 3 years. 118215(2)(B)

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-211758
Program Element: Medical Waste
Inspection Type: Routine
Inspection Number: 6806263
Return To Compliance Date: Not reported
Nov: Not reported
Violation Classification: Not reported
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-03-12T00:00:00.000
Inspection Date: 2021-11-19T00:00:00.000
Violation Code: HMD0000 LARGE QUANTITY GENERATORS ONLY

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-211758
Program Element: Medical Waste
Inspection Type: Routine
Inspection Number: 6806263
Return To Compliance Date: Not reported
Nov: Not reported
Violation Classification: Not reported
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-03-12T00:00:00.000
Inspection Date: 2021-11-19T00:00:00.000
Violation Code: HMD0001 (>= 200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-211758
Program Element: Medical Waste
Inspection Type: Routine

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Inspection Number: 6806263
Return To Compliance Date: Not reported
Nov: Not reported
Violation Classification: Not reported
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-03-12T00:00:00.000
Inspection Date: 2021-11-19T00:00:00.000
Violation Code: HMD0000 MW ONSITE TREATMENT FACILITY

Waste and Materials:

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313614
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-03-12T02:32:12.000
Chemical Name: SODIUM
Common Name: SODIUM
Case Number: 7440-23-5

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0137817
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-04-08T01:11:37.000
Chemical Name: ARGON GAS
Common Name: ARGON GAS
Case Number: 7440-37-1

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0137818
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-04-08T01:11:37.000
Chemical Name: NITROGEN
Common Name: NITROGEN
Case Number: 7727-37-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0137819
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-04-08T01:11:37.000
Chemical Name: CARBON DIOXIDE
Common Name: DRY ICE
Case Number: 124-38-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Active Permit: Y
Child Record Id: DEH2017-HCHEM-0137820
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-04-08T01:11:37.000
Chemical Name: DIESEL FUEL
Common Name: DIESEL FUEL IN GENERATOR
Case Number: 68476-34-6

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0137821
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-04-08T01:11:37.000
Chemical Name: CARBON DIOXIDE GAS
Common Name: 5% CARBON DIOXIDE / 5% OXYGEN / 90% NITROGEN
Case Number: 124-38-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0137822
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-04-08T01:11:37.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0137823
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-04-08T01:11:37.000
Chemical Name: CARBON DIOXIDE, REFRIGERATED LIQUID
Common Name: CARBON DIOXIDE, REFRIGERATED LIQUID
Case Number: 124-38-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0137824
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-04-08T01:11:37.000
Chemical Name: PHOSPORIC ACID SOLUTION
Common Name: QUALITI LABORATORIES COMPLETE
Case Number: 7664-38-2

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0137825

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-04-08T01:11:37.000
Chemical Name: NITROGEN GAS (LIQUID)
Common Name: NITROGEN GAS (LIQUID)
Case Number: 7727-37-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0137826
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-04-08T01:11:37.000
Chemical Name: Mixed gas - Helium
Common Name: 90% Helium, 7.5% Argon, 2.5% Carbon Dioxide
Case Number: 7440-59-7

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0137827
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-04-08T01:11:37.000
Chemical Name: Mixed gas - Argon
Common Name: 75% Argon, 25% Carbon Dioxide
Case Number: 7440-37-1

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0137828
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-04-08T01:11:37.000
Chemical Name: Mixed gas - Oxygen
Common Name: 95% Oxygen, 5% Carbon Dioxide
Case Number: 7782-44-7

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0137829
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-04-08T01:11:37.000
Chemical Name: Aluminum Oxide (2:3)
Common Name: Aluminum Oxide (2:3)
Case Number: 1344-28-1

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0116258
Trade Secret: N
Hazardous Material Type: Not reported

Map ID
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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Last Updated: 2017-04-08T01:11:45.000
Chemical Name: Hazardous waste, solid
Common Name: Hazardous waste, solid (Phenol, Chloroform)
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0116259
Trade Secret: N
Hazardous Material Type: Not reported

Last Updated: 2017-04-08T01:11:45.000
Chemical Name: Waste Flammable Liquids
Common Name: Waste Flammable Liquids (Acetone, Ethanol)
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0116260
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-04-08T01:11:45.000
Chemical Name: ANIMAL BEDDING WASTE
Common Name: ANIMAL BEDDING WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0116261
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-04-08T01:11:45.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: USED OIL
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0116262
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-04-08T01:11:45.000
Chemical Name: WASTE 791 LIQUIDS WITH PH
Common Name: WASTE MIXED ACIDS
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0116263
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-04-08T01:11:45.000
Chemical Name: Contaminated animal carcasses

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Common Name: ANIMAL CARCASSES
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0116264
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-04-08T01:11:45.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name: RED BAGS
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0116265
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-04-08T01:11:45.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: BIOHAZARDOUS SHARPS
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0116266
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-04-08T01:11:45.000
Chemical Name: BIOHAZARDOUS LIQUID
Common Name: BIOHAZARDOUS LIQUID
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0116267
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-04-08T01:11:45.000
Chemical Name: Hazardous Waste Solid
Common Name: Hazardous Waste Solid (Phenol, chloroform)
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0116268
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-04-08T01:11:45.000
Chemical Name: PATHOLOGICAL WASTE
Common Name: PATHOLOGICAL WASTE
Case Number: Not reported

Map ID
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MAP FINDINGS

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Database(s) EDR ID Number
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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313612
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-03-12T02:32:12.000
Chemical Name: OXYGEN AND CARBON DIOXIDE GAS MIXTURE
Common Name: 95% OXYGEN & 5% CARBON DIXIOXIDE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0281508
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-12T02:32:12.000
Chemical Name: LAB PACK 551
Common Name: LAB PACK LIQUID
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0281509
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-12T02:32:12.000
Chemical Name: LAB PACK 551
Common Name: LAB PACK DRY SOLID
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0281510
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-12T02:32:12.000
Chemical Name: Non RCRA hazardous waste liquid (paraformaldehyde, formalin)
Common Name: Tissue and fixative
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166095
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T15:48:42.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166099
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-17T15:48:42.000
Chemical Name: Mixed gas - Helium
Common Name: 90% Helium, 7.5% Argon, 2.5% Carbon Dioxide
Case Number: 7440-59-7

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166100
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-17T15:48:42.000
Chemical Name: Mixed gas - Argon
Common Name: 75% Argon, 25% Carbon Dioxide
Case Number: 7440-37-1

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166101
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-17T15:48:42.000
Chemical Name: Mixed gas - Oxygen
Common Name: 95% Oxygen, 5% Carbon Dioxide
Case Number: 7782-44-7

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141063
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-17T15:48:42.000
Chemical Name: ANIMAL BEDDING WASTE
Common Name: ANIMAL BEDDING WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141064
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-17T15:48:42.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: USED OIL
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141065

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-17T15:48:42.000
Chemical Name: WASTE 791 LIQUIDS WITH PH
Common Name: WASTE MIXED ACIDS
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141066
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-17T15:48:42.000
Chemical Name: Contaminated animal carcasses
Common Name: ANIMAL CARCASSES
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141067
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-17T15:48:42.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name: RED BAGS
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0210721
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-04-10T02:34:46.000
Chemical Name: CARBON DIOXIDE (SOLID)
Common Name: DRY ICE
Case Number: 124-38-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0183014
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-04-10T02:34:46.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: BIOHAZARD SHARP WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0183015
Trade Secret: N
Hazardous Material Type: Not reported

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Last Updated: 2020-04-10T02:34:46.000
Chemical Name: BIOHAZARDOUS LIQUID
Common Name: BIOHAZARD LIQUID WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0183016
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-04-10T02:34:46.000
Chemical Name: PATHOLOGICAL WASTE
Common Name: BIOHAZARD PATHOLOGICAL WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313605
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-03-12T02:32:12.000
Chemical Name: ARGON GAS
Common Name: ARGON GAS
Case Number: 7440-37-1

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313606
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-03-12T02:32:12.000
Chemical Name: NITROGEN
Common Name: NITROGEN GAS
Case Number: 7727-37-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313607
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-03-12T02:32:12.000
Chemical Name: CARBON DIOXIDE (SOLID)
Common Name: DRY ICE
Case Number: 124-38-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0179818
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-09-27T00:38:55.000
Chemical Name: ARGON GAS

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Common Name: ARGON GAS
Case Number: 7440-37-1

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0179819
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-09-27T00:38:55.000
Chemical Name: NITROGEN
Common Name: NITROGEN GAS
Case Number: 7727-37-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0179820
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-09-27T00:38:55.000
Chemical Name: CARBON DIOXIDE (SOLID)
Common Name: DRY ICE
Case Number: 124-38-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0179821
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-09-27T00:38:55.000
Chemical Name: DIESEL FUEL
Common Name: DIESEL FUEL (GENERATOR)
Case Number: 68476-34-6

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0179822
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-09-27T00:38:55.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0179823
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-09-27T00:38:55.000
Chemical Name: CARBON DIOXIDE, REFRIGERATED LIQUID
Common Name: CARBON DIOXIDE LIQUID
Case Number: 124-38-9

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Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0179824
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-09-27T00:38:55.000
Chemical Name: PHOSPORIC ACID SOLUTION
Common Name: QUALITI LABORATORIES COMPLETE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0179825
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-09-27T00:38:55.000
Chemical Name: NITROGEN GAS (LIQUID)
Common Name: NITROGEN LIQUID
Case Number: 7727-37-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0179826
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-09-27T00:38:55.000
Chemical Name: OXYGEN AND CARBON DIOXIDE GAS MIXTURE
Common Name: 95% OXYGEN & 5% CARBON DIXIOXIDE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0261086
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:41:54.000
Chemical Name: ARGON GAS
Common Name: ARGON GAS
Case Number: 7440-37-1

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0261087
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:41:54.000
Chemical Name: NITROGEN
Common Name: NITROGEN GAS
Case Number: 7727-37-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed

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S109280023

Active Permit: Y
Child Record Id: DEH2020-HCHEM-0261088
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:41:54.000
Chemical Name: CARBON DIOXIDE (SOLID)
Common Name: DRY ICE
Case Number: 124-38-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0261089
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:41:54.000
Chemical Name: DIESEL FUEL
Common Name: DIESEL FUEL (GENERATOR)
Case Number: 68476-34-6

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0261090
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:41:54.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0261091
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:41:54.000
Chemical Name: CARBON DIOXIDE, REFRIGERATED LIQUID
Common Name: CARBON DIOXIDE LIQUID
Case Number: 124-38-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0261092
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-11-25T01:41:54.000
Chemical Name: PHOSPORIC ACID SOLUTION
Common Name: QUALITI LABORATORIES COMPLETE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0261093

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Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:41:54.000
Chemical Name: NITROGEN GAS (LIQUID)
Common Name: NITROGEN LIQUID
Case Number: 7727-37-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0261094
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-11-25T01:41:54.000
Chemical Name: OXYGEN AND CARBON DIOXIDE GAS MIXTURE
Common Name: 95% OXYGEN & 5% CARBON DIXIOXIDE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0261095
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:41:54.000
Chemical Name: HYDROGEN GAS
Common Name: HYDROGEN GAS
Case Number: 1333-74-0

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0261096
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-11-25T01:41:54.000
Chemical Name: AILUMINUM OXIDE
Common Name: ALUMINUM OXIDE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0232331
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T01:41:54.000
Chemical Name: WASTE SOLIDS CONTAINING PHENOL AND CHLOROFORM
Common Name: CHLOROFORM/PHENOL DEBRIS WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0232332
Trade Secret: N
Hazardous Material Type: Not reported

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Last Updated: 2020-11-25T01:41:54.000
Chemical Name: WASTE FLAMMABLE LIQUIDS
Common Name: WASTE FLAMABLE LIQUIDS (ACETONE AND ETHANOL)
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0232333
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T01:41:54.000
Chemical Name: ANIMAL BEDDING WASTE
Common Name: BIOHAZARD ANIMAL BEDDING WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0232334
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T01:41:54.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: PUMP OIL WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0232335
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T01:41:54.000
Chemical Name: WASTE 791 LIQUIDS WITH PH
Common Name: WASTE CORROSIVE LIQUID
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0232336
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T01:41:54.000
Chemical Name: CONTAMINATED ANIMAL CARCASSES
Common Name: BIOHAZARD ANIMAL CARCASSES WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0232337
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T01:41:54.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL

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S109280023

Common Name: BIOHAZARD RED BAG WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0232338
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T01:41:54.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: BIOHAZARD SHARP WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0232339
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T01:41:54.000
Chemical Name: BIOHAZARDOUS LIQUID
Common Name: BIOHAZARD LIQUID WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0232340
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T01:41:54.000
Chemical Name: PATHOLOGICAL WASTE
Common Name: BIOHAZARD PATHOLOGICAL WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0232341
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T01:41:54.000
Chemical Name: LAB PACK 551
Common Name: LAB PACK LIQUID
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0210719
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-04-10T02:34:46.000
Chemical Name: ARGON GAS
Common Name: ARGON GAS
Case Number: 7440-37-1

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Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0210720
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-04-10T02:34:46.000
Chemical Name: NITROGEN
Common Name: NITROGEN GAS
Case Number: 7727-37-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0210722
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-04-10T02:34:46.000
Chemical Name: DIESEL FUEL
Common Name: DIESEL FUEL (GENERATOR)
Case Number: 68476-34-6

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0210723
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-04-10T02:34:46.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0210724
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-04-10T02:34:46.000
Chemical Name: CARBON DIOXIDE, REFRIGERATED LIQUID
Common Name: CARBON DIOXIDE LIQUID
Case Number: 124-38-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0210725
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-04-10T02:34:46.000
Chemical Name: PHOSPORIC ACID SOLUTION
Common Name: QUALITI LABORATORIES COMPLETE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed

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Active Permit: Y
Child Record Id: DEH2019-HCHEM-0210726
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-04-10T02:34:46.000
Chemical Name: NITROGEN GAS (LIQUID)
Common Name: NITROGEN LIQUID
Case Number: 7727-37-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0210727
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-04-10T02:34:46.000
Chemical Name: OXYGEN AND CARBON DIOXIDE GAS MIXTURE
Common Name: 95% OXYGEN & 5% CARBON DIXIOXIDE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0210728
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-04-10T02:34:46.000
Chemical Name: HYDROGEN GAS
Common Name: HYDROGEN GAS
Case Number: 1333-74-0

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0210729
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-04-10T02:34:46.000
Chemical Name: AILUMINUM OXIDE
Common Name: ALUMINUM OXIDE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0183007
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-04-10T02:34:46.000
Chemical Name: WASTE SOLIDS CONTAINING PHENOL AND CHLOROFORM
Common Name: CHLOROFORM/PHENOL DEBRIS WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0183008

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-04-10T02:34:46.000
Chemical Name: WASTE FLAMMABLE LIQUIDS
Common Name: WASTE FLAMMABLE LIQUIDS (ACETONE AND ETHANOL)
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0183009
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-04-10T02:34:46.000
Chemical Name: ANIMAL BEDDING WASTE
Common Name: BIOHAZARD ANIMAL BEDDING WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0183010
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-04-10T02:34:46.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: PUMP OIL WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0183011
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-04-10T02:34:46.000
Chemical Name: WASTE 791 LIQUIDS WITH PH
Common Name: WASTE CORROSIVE LIQUID
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0183012
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-04-10T02:34:46.000
Chemical Name: CONTAMINATED ANIMAL CARCASSES
Common Name: BIOHAZARD ANIMAL CARCASSES WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0183013
Trade Secret: N
Hazardous Material Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Last Updated: 2020-04-10T02:34:46.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name: BIOHAZARD RED BAG WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0183017
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-04-10T02:34:46.000
Chemical Name: LAB PACK 551
Common Name: LAB PACK LIQUID
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0183018
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-04-10T02:34:46.000
Chemical Name: LAB PACK 551
Common Name: LAB PACK DRY SOLID
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0282252
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-12-16T01:27:21.000
Chemical Name: ARGON GAS
Common Name: ARGON GAS
Case Number: 7440-37-1

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0282253
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-12-16T01:27:21.000
Chemical Name: NITROGEN
Common Name: NITROGEN GAS
Case Number: 7727-37-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0282254
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-12-16T01:27:21.000
Chemical Name: CARBON DIOXIDE (SOLID)

Map ID
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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Common Name: DRY ICE
Case Number: 124-38-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0282255
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-12-16T01:27:21.000
Chemical Name: DIESEL FUEL
Common Name: DIESEL FUEL (GENERATOR)
Case Number: 68476-34-6

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0282256
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-12-16T01:27:21.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0282257
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-12-16T01:27:21.000
Chemical Name: CARBON DIOXIDE, REFRIGERATED LIQUID
Common Name: CARBON DIOXIDE LIQUID
Case Number: 124-38-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0282258
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-12-16T01:27:21.000
Chemical Name: NITROGEN GAS (LIQUID)
Common Name: NITROGEN LIQUID
Case Number: 7727-37-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0282259
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-12-16T01:27:21.000
Chemical Name: OXYGEN AND CARBON DIOXIDE GAS MIXTURE
Common Name: 95% OXYGEN & 5% CARBON DIXIOXIDE
Case Number: Not reported

Map ID
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Elevation

MAP FINDINGS

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Database(s)
EDR ID Number
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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0282260
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-12-16T01:27:21.000
Chemical Name: HYDROGEN GAS
Common Name: HYDROGEN GAS
Case Number: 1333-74-0

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0282261
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-12-16T01:27:21.000
Chemical Name: SODIUM
Common Name: SODIUM
Case Number: 7440-23-5

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0282262
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-12-16T01:27:21.000
Chemical Name: AMT-1
Common Name: STEAM LINE TREATMENT
Case Number: VARIES

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0250802
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-16T01:27:22.000
Chemical Name: WASTE SOLIDS CONTAINING PHENOL AND CHLOROFORM
Common Name: CHLOROFORM/PHENOL DEBRIS WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0250803
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-16T01:27:22.000
Chemical Name: WASTE FLAMMABLE LIQUIDS
Common Name: WASTE FLAMMABLE LIQUIDS (ACETONE AND ETHANOL)
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Active Permit: Y
Child Record Id: DEH2020-HWAST-0250804
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-16T01:27:22.000
Chemical Name: ANIMAL BEDDING WASTE
Common Name: BIOHAZARD ANIMAL BEDDING WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0250805
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-16T01:27:22.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: PUMP OIL WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0250806
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-16T01:27:22.000
Chemical Name: WASTE 791 LIQUIDS WITH PH
Common Name: WASTE CORROSIVE LIQUID
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0250807
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-16T01:27:22.000
Chemical Name: CONTAMINATED ANIMAL CARCASSES
Common Name: BIOHAZARD ANIMAL CARCASSES WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0250808
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-16T01:27:22.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name: BIOHAZARD RED BAG WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0250809

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-16T01:27:22.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: BIOHAZARD SHARP WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0250810
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-16T01:27:22.000
Chemical Name: BIOHAZARDOUS LIQUID
Common Name: BIOHAZARD LIQUID WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0250811
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-16T01:27:22.000
Chemical Name: PATHOLOGICAL WASTE
Common Name: BIOHAZARD PATHOLOGICAL WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0250812
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-16T01:27:22.000
Chemical Name: LAB PACK 551
Common Name: LAB PACK LIQUID
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0250813
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-16T01:27:22.000
Chemical Name: LAB PACK 551
Common Name: LAB PACK DRY SOLID
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0285146
Trade Secret: N
Hazardous Material Type: Pure

Map ID
Direction
Distance
Elevation

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Last Updated: 2021-04-14T02:39:08.000
Chemical Name: ARGON GAS
Common Name: ARGON GAS
Case Number: 7440-37-1

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0285147
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-04-14T02:39:08.000
Chemical Name: NITROGEN
Common Name: NITROGEN GAS
Case Number: 7727-37-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0285148
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-04-14T02:39:08.000
Chemical Name: CARBON DIOXIDE (SOLID)
Common Name: DRY ICE
Case Number: 124-38-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0285149
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-04-14T02:39:08.000
Chemical Name: DIESEL FUEL
Common Name: DIESEL FUEL (GENERATOR)
Case Number: 68476-34-6

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0285150
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-04-14T02:39:08.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0285151
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-04-14T02:39:08.000
Chemical Name: CARBON DIOXIDE, REFRIGERATED LIQUID

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Common Name: CARBON DIOXIDE LIQUID
Case Number: 124-38-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0285152
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-04-14T02:39:08.000
Chemical Name: NITROGEN GAS (LIQUID)
Common Name: NITROGEN LIQUID
Case Number: 7727-37-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0285153
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-04-14T02:39:08.000
Chemical Name: OXYGEN AND CARBON DIOXIDE GAS MIXTURE
Common Name: 95% OXYGEN & 5% CARBON DIXIOXIDE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0285154
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-04-14T02:39:08.000
Chemical Name: HYDROGEN GAS
Common Name: HYDROGEN GAS
Case Number: 1333-74-0

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0285155
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-04-14T02:39:08.000
Chemical Name: SODIUM
Common Name: SODIUM
Case Number: 7440-23-5

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0285156
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-04-14T02:39:08.000
Chemical Name: AMT-1
Common Name: STEAM LINE TREATMENT
Case Number: VARIES

Map ID
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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0253653
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-04-14T02:39:08.000
Chemical Name: WASTE SOLIDS CONTAINING PHENOL AND CHLOROFORM
Common Name: CHLOROFORM/PHENOL DEBRIS WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0253654
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-04-14T02:39:08.000
Chemical Name: WASTE FLAMMABLE LIQUIDS
Common Name: WASTE FLAMABLE LIQUIDS (ACETONE AND ETHANOL)
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0253655
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-04-14T02:39:08.000
Chemical Name: ANIMAL BEDDING WASTE
Common Name: BIOHAZARD ANIMAL BEDDING WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0253656
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-04-14T02:39:08.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: PUMP OIL WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0253657
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-04-14T02:39:08.000
Chemical Name: WASTE 791 LIQUIDS WITH PH
Common Name: WASTE CORROSIVE LIQUID
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed

Map ID
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Distance
Elevation

MAP FINDINGS

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Database(s) EDR ID Number
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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Active Permit: Y
Child Record Id: DEH2021-HWAST-0253658
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-04-14T02:39:08.000
Chemical Name: CONTAMINATED ANIMAL CARCASSES
Common Name: BIOHAZARD ANIMAL CARCASSES WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0253659
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-04-14T02:39:08.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name: BIOHAZARD RED BAG WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0253660
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-04-14T02:39:08.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: BIOHAZARD SHARP WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0253661
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-04-14T02:39:08.000
Chemical Name: BIOHAZARDOUS LIQUID
Common Name: BIOHAZARD LIQUID WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0253662
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-04-14T02:39:08.000
Chemical Name: PATHOLOGICAL WASTE
Common Name: BIOHAZARD PATHOLOGICAL WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0253663

Map ID
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MAP FINDINGS

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Database(s)

SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-04-14T02:39:08.000
Chemical Name: LAB PACK 551
Common Name: LAB PACK LIQUID
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0253664
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-04-14T02:39:08.000
Chemical Name: LAB PACK 551
Common Name: LAB PACK DRY SOLID
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0179827
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-09-27T00:38:55.000
Chemical Name: HYDROGEN GAS
Common Name: HYDROGEN GAS
Case Number: 1333-74-0

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0179828
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-09-27T00:38:55.000
Chemical Name: ALUMINUM OXIDE
Common Name: ALUMINUM OXIDE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0154430
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-09-27T00:38:56.000
Chemical Name: WASTE SOLIDS CONTAINING PHENOL AND CHLOROFORM
Common Name: CHLOROFORM/PHENOL DEBRIS WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0154431
Trade Secret: N
Hazardous Material Type: Not reported

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Last Updated: 2018-09-27T00:38:56.000
Chemical Name: WASTE FLAMMABLE LIQUIDS
Common Name: WASTE FLAMABLE LIQUIDS (ACETONE AND ETHANOL)
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0154432
Trade Secret: N
Hazardous Material Type: Not reported

Last Updated: 2018-09-27T00:38:56.000
Chemical Name: ANIMAL BEDDING WASTE
Common Name: BIOHAZARD ANIMAL BEDDING WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0154433
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-09-27T00:38:56.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: PUMP OIL WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0154434
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-09-27T00:38:56.000
Chemical Name: WASTE 791 LIQUIDS WITH PH
Common Name: WASTE CORROSIVE LIQUID
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0154435
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-09-27T00:38:56.000
Chemical Name: CONTAMINATED ANIMAL CARCASSES
Common Name: BIOHAZARD ANIMAL CARCASSES WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0154436
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-09-27T00:38:56.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL

Map ID
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Elevation

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Common Name: BIOHAZARD RED BAG WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0154437
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-09-27T00:38:56.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: BIOHAZARD SHARP WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0154438
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-09-27T00:38:56.000
Chemical Name: BIOHAZARDOUS LIQUID
Common Name: BIOHAZARD LIQUID WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0154439
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-09-27T00:38:56.000
Chemical Name: PATHOLOGICAL WASTE
Common Name: BIOHAZARD PATHOLOGICAL WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313608
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-03-12T02:32:12.000
Chemical Name: DIESEL FUEL
Common Name: DIESEL FUEL (GENERATOR)
Case Number: 68476-34-6

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313609
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-03-12T02:32:12.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Map ID
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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313610
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-03-12T02:32:12.000
Chemical Name: CARBON DIOXIDE, REFRIGERATED LIQUID
Common Name: CARBON DIOXIDE LIQUID
Case Number: 124-38-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313611
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-03-12T02:32:12.000
Chemical Name: NITROGEN GAS (LIQUID)
Common Name: NITROGEN LIQUID
Case Number: 7727-37-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313613
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-03-12T02:32:12.000
Chemical Name: HYDROGEN GAS
Common Name: HYDROGEN GAS
Case Number: 1333-74-0

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313615
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-03-12T02:32:12.000
Chemical Name: AMT-1
Common Name: STEAM LINE TREATMENT
Case Number: VARIES

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313616
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-03-12T02:32:12.000
Chemical Name: Propane liquid
Common Name: Propane
Case Number: 74-98-6

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed

Map ID
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MAP FINDINGS

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Active Permit: Y
Child Record Id: DEH2021-HWAST-0281498
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-12T02:32:12.000
Chemical Name: WASTE SOLIDS CONTAINING PHENOL AND CHLOROFORM
Common Name: CHLOROFORM/PHENOL DEBRIS WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0281499
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-12T02:32:12.000
Chemical Name: WASTE FLAMMABLE LIQUIDS
Common Name: WASTE FLAMMABLE LIQUIDS (ACETONE AND ETHANOL)
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0281500
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-12T02:32:12.000
Chemical Name: ANIMAL BEDDING WASTE
Common Name: BIOHAZARD ANIMAL BEDDING WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0281501
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-12T02:32:12.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: PUMP OIL WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0281502
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-12T02:32:12.000
Chemical Name: WASTE 791 LIQUIDS WITH PH
Common Name: WASTE CORROSIVE LIQUID
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0281503

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-12T02:32:12.000
Chemical Name: CONTAMINATED ANIMAL CARCASSES
Common Name: BIOHAZARD ANIMAL CARCASSES WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0281504
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-12T02:32:12.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name: BIOHAZARD RED BAG WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0281505
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-12T02:32:12.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: BIOHAZARD SHARP WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0281506
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-12T02:32:12.000
Chemical Name: BIOHAZARDOUS LIQUID
Common Name: BIOHAZARD LIQUID WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0281507
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-12T02:32:12.000
Chemical Name: PATHOLOGICAL WASTE
Common Name: BIOHAZARD PATHOLOGICAL WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129696
Trade Secret: N
Hazardous Material Type: Pure

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Last Updated: 2017-02-11T01:52:00.000
Chemical Name: ARGON GAS
Common Name: ARGON GAS
Case Number: 7440-37-1

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129697
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-11T01:52:00.000
Chemical Name: NITROGEN
Common Name: NITROGEN
Case Number: 7727-37-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129698
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-11T01:52:00.000
Chemical Name: CARBON DIOXIDE
Common Name: DRY ICE
Case Number: 124-38-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129699
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-11T01:52:00.000
Chemical Name: DIESEL FUEL
Common Name: DIESEL FUEL IN GENERATOR
Case Number: 68476-34-6

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129700
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-02-11T01:52:00.000
Chemical Name: CARBON DIOXIDE GAS
Common Name: 5% CARBON DIXOIDE / 5% OXYGEN / 90% NITROGEN
Case Number: 124-38-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129701
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-11T01:52:00.000
Chemical Name: OXYGEN GAS

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129702
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-11T01:52:00.000
Chemical Name: CARBON DIOXIDE, REFRIGERATED LIQUID
Common Name: CARBON DIOXIDE, REFRIGERATED LIQUID
Case Number: 124-38-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129703
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-02-11T01:52:00.000
Chemical Name: PHOSPORIC ACID SOLUTION
Common Name: QUALITI LABORATORIES COMPLETE
Case Number: 7664-38-2

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129704
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-11T01:52:00.000
Chemical Name: NITROGEN GAS (LIQUID)
Common Name: NITROGEN GAS (LIQUID)
Case Number: 7727-37-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129705
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-02-11T01:52:00.000
Chemical Name: Mixed gas - Helium
Common Name: 90% Helium, 7.5% Argon, 2.5% Carbon Dioxide
Case Number: 7440-59-7

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129706
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-02-11T01:52:00.000
Chemical Name: Mixed gas - Argon
Common Name: 75% Argon, 25% Carbon Dioxide
Case Number: 7440-37-1

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129707
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-02-11T01:52:00.000
Chemical Name: Mixed gas - Oxygen
Common Name: 95% Oxygen, 5% Carbon Dioxide
Case Number: 7782-44-7

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129708
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-02-11T01:52:00.000
Chemical Name: Aluminum Oxide (2:3)
Common Name: Aluminum Oxide (2:3)
Case Number: 1344-28-1

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0108071
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-11T01:52:04.000
Chemical Name: Hazardous waste, solid
Common Name: Hazardous waste, solid (Phenol, Chloroform)
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0108072
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-11T01:52:04.000
Chemical Name: Waste Flammable Liquids
Common Name: Waste Flammable Liquids (Acetone, Ethanol)
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0108073
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-11T01:52:04.000
Chemical Name: ANIMAL BEDDING WASTE
Common Name: ANIMAL BEDDING WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Active Permit: Y
Child Record Id: DEH2017-HWAST-0108074
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-11T01:52:04.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: USED OIL
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0108075
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-11T01:52:04.000
Chemical Name: WASTE 791 LIQUIDS WITH PH
Common Name: WASTE MIXED ACIDS
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0108076
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-11T01:52:04.000
Chemical Name: Contaminated animal carcasses
Common Name: ANIMAL CARCASSES
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0108077
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-11T01:52:04.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name: RED BAGS
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0108078
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-11T01:52:04.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: BIOHAZARDOUS SHARPS
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0108079

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-11T01:52:04.000
Chemical Name: BIOHAZARDOUS LIQUID
Common Name: BIOHAZARDOUS LIQUID
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0108080
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-11T01:52:04.000
Chemical Name: Hazardous Waste Solid
Common Name: Hazardous Waste Solid (Phenol, chloroform)
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0108081
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-11T01:52:04.000
Chemical Name: PATHOLOGICAL WASTE
Common Name: PATHOLOGICAL WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166090
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T15:48:42.000
Chemical Name: ARGON GAS
Common Name: ARGON GAS
Case Number: 7440-37-1

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166091
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T15:48:42.000
Chemical Name: NITROGEN
Common Name: NITROGEN
Case Number: 7727-37-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166092
Trade Secret: N
Hazardous Material Type: Pure

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Last Updated: 2018-01-17T15:48:42.000
Chemical Name: CARBON DIOXIDE
Common Name: DRY ICE
Case Number: 124-38-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166093
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T15:48:42.000
Chemical Name: DIESEL FUEL
Common Name: DIESEL FUEL IN GENERATOR
Case Number: 68476-34-6

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166094
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-17T15:48:42.000
Chemical Name: CARBON DIOXIDE GAS
Common Name: 5% CARBON DIOXIDE / 5% OXYGEN / 90% NITROGEN
Case Number: 124-38-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166096
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T15:48:42.000
Chemical Name: CARBON DIOXIDE, REFRIGERATED LIQUID
Common Name: CARBON DIOXIDE, REFRIGERATED LIQUID
Case Number: 124-38-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166097
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-17T15:48:42.000
Chemical Name: PHOSPORIC ACID SOLUTION
Common Name: QUALITI LABORATORIES COMPLETE
Case Number: 7664-38-2

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166098
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T15:48:42.000
Chemical Name: NITROGEN GAS (LIQUID)

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Common Name: NITROGEN GAS (LIQUID)
Case Number: 7727-37-9

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166102
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-17T15:48:42.000
Chemical Name: Aluminum Oxide (2:3)
Common Name: Aluminum Oxide (2:3)
Case Number: 1344-28-1

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166103
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T15:48:42.000
Chemical Name: Hydrogen
Common Name: Hydrogen
Case Number: 1333-74-0

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141061
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-17T15:48:42.000
Chemical Name: Hazardous waste, solid
Common Name: Hazardous waste, solid (Phenol, Chloroform)
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141062
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-17T15:48:42.000
Chemical Name: Waste Flammable Liquids
Common Name: Waste Flammable Liquids (Acetone, Ethanol)
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141068
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-17T15:48:42.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: BIOHAZARDOUS SHARPS
Case Number: Not reported

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Database(s) EDR ID Number
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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141069
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-17T15:48:42.000
Chemical Name: BIOHAZARDOUS LIQUID
Common Name: BIOHAZARDOUS LIQUID
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141070
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-17T15:48:42.000
Chemical Name: Hazardous Waste Solid
Common Name: Hazardous Waste Solid (Phenol, chloroform)
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141071
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-17T15:48:42.000
Chemical Name: PATHOLOGICAL WASTE
Common Name: PATHOLOGICAL WASTE
Case Number: Not reported

Record ID: DEH2010-HUPFP-211758
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0232342
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T01:41:54.000
Chemical Name: LAB PACK 551
Common Name: LAB PACK DRY SOLID
Case Number: Not reported

Name: SANFORD-BURNHAM MEDICAL RESEARCH INST
Address: 10905 ROAD TO THE CURE
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 211758
Business Type: 6HK67
EPA Id Number: CAL000344658
APN: 340-200-02-00
Last HMMD Inspection: 08/31/2011
Facility Telephone: 858-646-3100
Permit Status: OPEN
Permit Expiration: 04/30/2013
Date Last Updated: 11/02/2012

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Facility Owner: SANFORD-BURNHAM MEDICAL RESEARCH INST
Facility Mailing Address: 10901 N TORREY PINES RD
Facility Mailing City: LA JOLLA
Facility Mailing State: CA
Facility Mailing Zip: 92037-1005
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 000316-00-0
Name: AIR, COMPRESSED
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE
Other Information: DRY ICE
Material Waste: Material
Hazardous Categories 1: CRYOGENIC
Hazardous Categories 2: ACUTE

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE GAS
Other Information: 5% CARBON DIOXIDE / 5% OXYGEN / 80% NITROGEN
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE, REFRIGERATED LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL FUEL
Other Information: (IN 2 GENERATORS)
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 7440-59-7
Name: HELIUM GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN GAS (LIQUID)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 7782-44-7

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Name: OXYGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: PHOSPORIC ACID SOLUTION
Other Information: QUALITI LABORATORIES COMPLETE
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Other Information: PHENOL, ETHIDIUM BROMIDE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: HAZARDOUS WASTE LIQUID
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 741 LIQ W HALOG ORG >OR= 1000MG/L
Other Information: SPENT SOLVENT MIXTURE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 791 LIQUIDS WITH PH <OR= 2
Other Information: WASTE MIXED ACIDS
Material Waste: Waste

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 905 INFECTIOUS WASTE, LAB
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Name: SANFORD-BURNHAM MEDICAL RESEARCH INST
Address: 10905 ROAD TO THE CURE
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 211758
Business Type: 6HK67
EPA Id Number: CAL000344658
APN: 340-200-02-00
Last HMMD Inspection: 08/31/2011
Facility Telephone: 858-646-3100
Permit Status: OPEN
Permit Expiration: 04/30/2013
Date Last Updated: 11/02/2012
Facility Owner: SANFORD-BURNHAM MEDICAL RESEARCH INST
Facility Mailing Address: 10901 N TORREY PINES RD
Facility Mailing City: LA JOLLA
Facility Mailing State: CA
Facility Mailing Zip: 92037-1005
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 211758
Update Date: 11/02/2012
Case Number: 000316-00-0
Name: AIR, COMPRESSED
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211758

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE
Other Information: DRY ICE
Material Waste: Material
Hazardous Categories 1: CRYOGENIC
Hazardous Categories 2: ACUTE

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE GAS
Other Information: 5% CARBON DIOXIDE / 5% OXYGEN / 80% NITROGEN
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE, REFRIGERATED LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL FUEL

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Other Information: (IN 2 GENERATORS)
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 7440-59-7
Name: HELIUM GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN GAS (LIQUID)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: PHOSPORIC ACID SOLUTION
Other Information: QUALITI LABORATORIES COMPLETE
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Other Information: PHENOL, ETHIDIUM BROMIDE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: HAZARDOUS WASTE LIQUID
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 741 LIQ W HALOG ORG >OR= 1000MG/L
Other Information: SPENT SOLVENT MIXTURE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 791 LIQUIDS WITH PH <OR= 2
Other Information: WASTE MIXED ACIDS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 905 INFECTIOUS WASTE, LAB
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Name: SANFORD-BURNHAM MEDICAL RESEARCH INST
Address: 10905 ROAD TO THE CURE
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 211758
Business Type: 6HK67
EPA Id Number: CAL000344658
APN: 340-200-02-00
Last HMMD Inspection: 08/31/2011
Facility Telephone: 858-646-3100
Permit Status: OPEN
Permit Expiration: 04/30/2013
Date Last Updated: 11/02/2012
Facility Owner: SANFORD-BURNHAM MEDICAL RESEARCH INST
Facility Mailing Address: 10901 N TORREY PINES RD
Facility Mailing City: LA JOLLA
Facility Mailing State: CA
Facility Mailing Zip: 92037-1005
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 000316-00-0
Name: AIR, COMPRESSED
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE
Other Information: DRY ICE
Material Waste: Material
Hazardous Categories 1: CRYOGENIC
Hazardous Categories 2: ACUTE

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE GAS
Other Information: Not reported

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE GAS
Other Information: 5% CARBON DIOXIDE / 5% OXYGEN / 80% NITROGEN
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE, REFRIGERATED LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL FUEL
Other Information: (IN 2 GENERATORS)
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 7440-59-7
Name: HELIUM GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN GAS (LIQUID)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: PHOSPORIC ACID SOLUTION
Other Information: QUALITI LABORATORIES COMPLETE
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Other Information: PHENOL, ETHIDIUM BROMIDE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: HAZARDOUS WASTE LIQUID
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported

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Database(s) EDR ID Number
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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Name: WASTE 741 LIQ W HALOG ORG >OR= 1000MG/L
Other Information: SPENT SOLVENT MIXTURE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 791 LIQUIDS WITH PH <OR= 2
Other Information: WASTE MIXED ACIDS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 905 INFECTIOUS WASTE, LAB
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Name: SIDNEY KIMMEL CANCER CENTER
Address: 10905 ROAD TO THE CURE
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 206601
Business Type: 6HK67
EPA Id Number: CAL000315261
APN: 340-200-02-00
Last HMMD Inspection: 06/15/2009
Facility Telephone: 858-450-5990
Permit Status: INAC
Permit Expiration: 04/30/2010
Date Last Updated: 11/02/2012
Facility Owner: SIDNEY KIMMEL CANCER CENTER
Facility Mailing Address: 10905 ROAD TO THE CURE
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121-1101
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Generate Medical Waste: Not reported

Violations Inactive Permits:

Permit Number: 206601
Update Date: 11/02/2012
Inspection Date: 06/15/2009
Violation Code: 6HV1005
Violation: HMBP: NO ER CONTACTS LISTED OR CURRENT
Violation Citation: Business Plan does not list the name and 24 hour phone numbers of
Emergency Contact persons or contact is not current. HSC 25509(a)(7)
Activity: Inactive Permit

Permit Number: 206601
Update Date: 11/02/2012
Inspection Date: 06/15/2009
Violation Code: 6HV1008
Violation: NO ANNUAL CARC/REPRO TOXIN LIST TO HMD
Violation Citation: Annual carcinogen and reproductive toxin list not submitted to HMD.
68.1113(c)
Activity: Inactive Permit

Permit Number: 206601
Update Date: 11/02/2012
Inspection Date: 06/15/2009
Violation Code: 6HV1014
Violation: HMBP INCOMPLETE/NOT AMENDED
Violation Citation: HMBP is incomplete/inadequate/not amended to reflect changes. 25504,
25505(a)(2) &/or 25509(a); 25505(b); 19 CCR 2729
Activity: Inactive Permit

Permit Number: 206601
Update Date: 11/02/2012
Inspection Date: 06/15/2009
Violation Code: 6HV0138
Violation: NO TSDF SIGNED MANIFEST ONSITE
Violation Citation: Generator has not maintained the required signed copy of the hazardous
waste manifest from the TSD facility on site for review. CCR
66262.40(a)
Activity: Inactive Permit

Permit Number: 206601
Update Date: 11/02/2012
Inspection Date: 06/15/2009
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank.
66262.34(f)
Activity: Inactive Permit

Permit Number: 206601
Update Date: 11/02/2012
Inspection Date: 06/15/2009
Violation Code: 6HV4209
Violation: NO GENERATOR'S INFO ON RED BAGS/SHARPS
Violation Citation: Red bags, sharps containers not labeled with generator's name,
address, and phone number. 68.1205
Activity: Inactive Permit

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EDR ID Number
EPA ID Number

SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Permit Number: 206601
Update Date: 11/02/2012
Inspection Date: 06/15/2009
Violation Code: 6HV4211
Violation: RED BAGS NOT TIED OFF
Violation Citation: Red bags not tied-off to prevent leakage or expulsion of contents during handling and storage. 118280(a)
Activity: Inactive Permit

Permit Number: 206601
Update Date: 11/02/2012
Inspection Date: 06/15/2009
Violation Code: 6HV4212
Violation: RED BAGS NOT CONTAINERIZED
Violation Citation: Did not containerize and place red bags in rigid, leak resistant, and covered containers or bins. 118280(b)
Activity: Inactive Permit

Permit Number: 206601
Update Date: 11/02/2012
Inspection Date: 06/15/2009
Violation Code: 6HV4254
Violation: THERMOM: NO CALIBRATION RECORDS -3YRS
Violation Citation: Generator did not maintain records of annual thermometer calibration checks onsite for at least the past 3 years. 118215(2)(B)
Activity: Inactive Permit

Permit Number: 206601
Update Date: 11/02/2012
Inspection Date: 06/15/2009
Violation Code: 6HV4351
Violation: LQG:MWMP NOT SUBMITTED TO HMD
Violation Citation: Medical Waste Management Plan has not been submitted to County HMD (Initial Submission/updates)(LQG). 117960, 117970
Activity: Inactive Permit

Permit Number: 206601
Update Date: 11/02/2012
Inspection Date: 06/15/2009
Violation Code: 6HV4503
Violation: DID NOT COMPLY WITH PERMIT REQUIREMENTS
Violation Citation: Did not comply with condition(s) of the medical waste treatment permit issued by the County. CCR 65623
Activity: Inactive Permit

Name: SANFORD-BURNHAM MEDICAL RESEARCH INST
Address: 10905 ROAD TO THE CURE
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 211758
Business Type: 6HK67
EPA Id Number: CAL000344658
APN: 340-200-02-00
Last HMMD Inspection: 08/31/2011
Facility Telephone: 858-646-3100
Permit Status: OPEN
Permit Expiration: 04/30/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Date Last Updated: 11/02/2012
Facility Owner: SANFORD-BURNHAM MEDICAL RESEARCH INST
Facility Mailing Address: 10901 N TORREY PINES RD
Facility Mailing City: LA JOLLA
Facility Mailing State: CA
Facility Mailing Zip: 92037-1005
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 000316-00-0
Name: AIR, COMPRESSED
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE
Other Information: DRY ICE
Material Waste: Material
Hazardous Categories 1: CRYOGENIC
Hazardous Categories 2: ACUTE

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE GAS
Other Information: 5% CARBON DIXOIDE / 5% OXYGEN / 80% NITROGEN
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE

Map ID
Direction
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE, REFRIGERATED LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL FUEL
Other Information: (IN 2 GENERATORS)
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 7440-59-7
Name: HELIUM GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN GAS (LIQUID)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 211758

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: PHOSPORIC ACID SOLUTION
Other Information: QUALITI LABORATORIES COMPLETE
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Other Information: PHENOL, ETHIDIUM BROMIDE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: HAZARDOUS WASTE LIQUID
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 741 LIQ W HALOG ORG >OR= 1000MG/L
Other Information: SPENT SOLVENT MIXTURE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 791 LIQUIDS WITH PH <OR= 2

Map ID
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Elevation

MAP FINDINGS

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Database(s) EDR ID Number
EPA ID Number

SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Other Information: WASTE MIXED ACIDS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211758
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 905 INFECTIOUS WASTE, LAB
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Name: SIDNEY KIMMEL CANCER CENTER
Address: 10905 ROAD TO THE CURE
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 206601
Business Type: 6HK67
EPA Id Number: CAL000315261
APN: 340-200-02-00
Last HMMI Inspection: 06/15/2009
Facility Telephone: 858-450-5990
Permit Status: INAC
Permit Expiration: 04/30/2010
Date Last Updated: 11/02/2012
Facility Owner: SIDNEY KIMMEL CANCER CENTER
Facility Mailing Address: 10905 ROAD TO THE CURE
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121-1101
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Violations Inactive Permits:

Permit Number: 206601
Update Date: 11/02/2012
Inspection Date: 06/15/2009
Violation Code: 6HV1005
Violation: HMBP: NO ER CONTACTS LISTED OR CURRENT
Violation Citation: Business Plan does not list the name and 24 hour phone numbers of
Emergency Contact persons or contact is not current. HSC 25509(a)(7)
Activity: Inactive Permit

Map ID
Direction
Distance
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MAP FINDINGS

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Database(s)
EDR ID Number
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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Permit Number: 206601
Update Date: 11/02/2012
Inspection Date: 06/15/2009
Violation Code: 6HV1008
Violation: NO ANNUAL CARC/REPRO TOXIN LIST TO HMD
Violation Citation: Annual carcinogen and reproductive toxin list not submitted to HMD.
68.1113(c)
Activity: Inactive Permit

Permit Number: 206601
Update Date: 11/02/2012
Inspection Date: 06/15/2009
Violation Code: 6HV1014
Violation: HMBP INCOMPLETE/NOT AMENDED
Violation Citation: HMBP is incomplete/inadequate/not amended to reflect changes. 25504,
25505(a)(2) &/or 25509(a); 25505(b); 19 CCR 2729
Activity: Inactive Permit

Permit Number: 206601
Update Date: 11/02/2012
Inspection Date: 06/15/2009
Violation Code: 6HV0138
Violation: NO TSDf SIGNED MANIFEST ONSITE
Violation Citation: Generator has not maintained the required signed copy of the hazardous
waste manifest from the TSD facility on site for review. CCR
66262.40(a)
Activity: Inactive Permit

Permit Number: 206601
Update Date: 11/02/2012
Inspection Date: 06/15/2009
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank.
66262.34(f)
Activity: Inactive Permit

Permit Number: 206601
Update Date: 11/02/2012
Inspection Date: 06/15/2009
Violation Code: 6HV4209
Violation: NO GENERATOR'S INFO ON RED BAGS/SHARPS
Violation Citation: Red bags, sharps containers not labeled with generator's name,
address, and phone number. 68.1205
Activity: Inactive Permit

Permit Number: 206601
Update Date: 11/02/2012
Inspection Date: 06/15/2009
Violation Code: 6HV4211
Violation: RED BAGS NOT TIED OFF
Violation Citation: Red bags not tied-off to prevent leakage or expulsion of contents
during handling and storage. 118280(a)
Activity: Inactive Permit

Permit Number: 206601
Update Date: 11/02/2012

Map ID
Direction
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MAP FINDINGS

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Database(s)
EDR ID Number
EPA ID Number

SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Inspection Date: 06/15/2009
Violation Code: 6HV4212
Violation: RED BAGS NOT CONTAINERIZED
Violation Citation: Did not containerize and place red bags in rigid, leak resistant, and covered containers or bins. 118280(b)
Activity: Inactive Permit

Permit Number: 206601
Update Date: 11/02/2012
Inspection Date: 06/15/2009
Violation Code: 6HV4254
Violation: THERMOM: NO CALIBRATION RECORDS -3YRS
Violation Citation: Generator did not maintain records of annual thermometer calibration checks onsite for at least the past 3 years. 118215(2)(B)
Activity: Inactive Permit

Permit Number: 206601
Update Date: 11/02/2012
Inspection Date: 06/15/2009
Violation Code: 6HV4351
Violation: LQG:MWMP NOT SUBMITTED TO HMD
Violation Citation: Medical Waste Management Plan has not been submitted to County HMD (Initial Submission/updates)(LQG). 117960, 117970
Activity: Inactive Permit

Permit Number: 206601
Update Date: 11/02/2012
Inspection Date: 06/15/2009
Violation Code: 6HV4503
Violation: DID NOT COMPLY WITH PERMIT REQUIREMENTS
Violation Citation: Did not comply with condition(s) of the medical waste treatment permit issued by the County. CCR 65623
Activity: Inactive Permit

CERS HAZ WASTE:
Name: SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE
Address: 10905 ROAD TO THE CURE
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 150839
CERS ID: 10389232
CERS Description: Hazardous Waste Generator

CERS:
Name: SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE
Address: 10905 ROAD TO THE CURE
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 150839
CERS ID: 10389232
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 150839
Site Name: Sanford Burnham Prebys Medical Discovery Institute
Violation Date: 11-19-2021
Citation: 22 CCR 12 66262.34(e) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(e)

Map ID
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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Violation Description: Failure to meet the following conditions of satellite accumulation regulations: Accumulate up to 55 gallons of hazardous waste or one quart of acute hazardous waste at or near the initial point of accumulation which was under the control of the operator. Total time hazardous waste can be accumulated onsite in any generator accumulation area is one year, i.e., the combined accumulation time at a satellite accumulation point and at a 90/180/270 accumulation area (depending on size of generator and distance transported), whichever comes first. The generator complies with section 66265.171, 66265.172, and 66265.173(a). The container must be clearly marked with the initial date that hazardous waste is first placed in the container and labelled with the words Hazardous Waste including specified information Container must be labelled with the date the satellite accumulation limit is reached and moved within three days after reaching the 55 gallon (or one quart) limit to a 90 day accumulation area 55 gallons (or one quart of acute hazardous waste) of waste per process may be accumulated

Violation Notes: Returned to compliance on 12/03/2021. Inspection Sequence ID:6806263

Violation Division: San Diego County Department of Env Health

Violation Program: HW

Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection

Eval Date: 11-19-2021

Violations Found: Yes

Eval Type: Routine done by local agency

Eval Notes: Inspector: Zmily Zanalee Inspection ID:6806263

Eval Division: San Diego County Department of Env Health

Eval Program: HW

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

Eval Date: 11-23-2020

Violations Found: No

Eval Type: Routine done by local agency

Eval Notes: Inspector: Zmily Zanalee Inspection ID:6545249

Eval Division: San Diego County Department of Env Health

Eval Program: HMRRP

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

Eval Date: 11-30-2016

Violations Found: No

Eval Type: Routine done by local agency

Eval Notes: Inspector: Norton Louise Inspection ID:5540559

Eval Division: San Diego County Department of Env Health

Eval Program: HMRRP

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

Eval Date: 12-04-2014

Violations Found: No

Eval Type: Routine done by local agency

Eval Notes: Inspector: Norton Louise Inspection ID:5179273

Eval Division: San Diego County Department of Env Health

Eval Program: HW

Map ID
Direction
Distance
Elevation

MAP FINDINGS

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Database(s) EDR ID Number
EPA ID Number

SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-04-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Griffith Gary Inspection ID:5770355
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-02-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Gurfield Arleen Inspection ID:5179280
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-02-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Gurfield Arleen Inspection ID:5179280
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-04-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Griffith Gary Inspection ID:5770355
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-02-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Gurfield Arleen Inspection ID:5429833
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-19-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Zmily Zanalee Inspection ID:6806263
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Eval Date: 11-30-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5540559
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-02-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Gurfield Arleen Inspection ID:5429833
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-04-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5179273
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:
Site ID: 150839
Facility Name: Sanford Burnham Prebys Medical Discovery Institute
Env Int Type Code: HWG
Program ID: 10389232
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 32.902700
Longitude: -117.237200

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Sylvie Blondelle
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Sylvie Blondelle
Entity Title: Not reported
Affiliation Address: 10901 N TORREY PINES RD
Affiliation City: LA JOLLA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92037
Affiliation Phone: ,

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Affiliation Type Desc: Legal Owner
Entity Name: Sanford Burnham Prebys Medical Discovery Institute
Entity Title: Not reported
Affiliation Address: 10901 N TORREY PINES RD
Affiliation City: LA JOLLA
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92037
Affiliation Phone: (858) 646-3100,

Affiliation Type Desc: Operator
Entity Name: Sanford Burnham Prebys Medical Discovery Institute
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 646-3100,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 10901 N TORREY PINES RD
Affiliation City: LA JOLLA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92037-1005
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Sylvie Blondelle
Entity Title: Director of EHS
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: SANFORD-BURNHAM MEDICAL RESEARCH INST
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

Map ID
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MAP FINDINGS

EDR ID Number
 EPA ID Number

SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

S109280023

Affiliation Zip: Not reported
 Affiliation Phone: ,

H67	SANFORD BURNHAM PRESBY MEDICAL DISCOVERY INSTITUTE	RCRA NonGen / NLR	1024823585
SSW	10905 ROAD TO THE CURE		CAL000344658
1/8-1/4	SAN DIEGO, CA 92121		
0.141 mi.	Site 2 of 2 in cluster H		
742 ft.			

Relative:	RCRA Listings:		
Higher	Date Form Received by Agency:	20090708	
Actual:	Handler Name:	SANFORD BURNHAM PRESBY MEDICAL DISCOVERY INSTITUTE	
336 ft.	Handler Address:	10905 ROAD TO THE CURE	
	Handler City,State,Zip:	SAN DIEGO, CA 92121-1139	
	EPA ID:	CAL000344658	
	Contact Name:	LARRY ADELMAN	
	Contact Address:	10901 N TORREY PINES RD	
	Contact City,State,Zip:	LA JOLLA, CA 90237	
	Contact Telephone:	858-646-3132	
	Contact Fax:	858-646-3199	
	Contact Email:	LADELMAN@SBPDISCOVERY.ORG	
	Contact Title:	Not reported	
	EPA Region:	09	
	Land Type:	Not reported	
	Federal Waste Generator Description:	Not a generator, verified	
	Non-Notifier:	Not reported	
	Biennial Report Cycle:	Not reported	
	Accessibility:	Not reported	
	Active Site Indicator:	Handler Activities	
	State District Owner:	Not reported	
	State District:	Not reported	
	Mailing Address:	10901 N TORREY PINES RD	
	Mailing City,State,Zip:	LA JOLLA, CA 92037-1005	
	Owner Name:	SANFORD BURN PRES MED DSCVRY IN	
	Owner Type:	Other	
	Operator Name:	LARRY ADELMAN	
	Operator Type:	Other	
	Short-Term Generator Activity:	No	
	Importer Activity:	No	
	Mixed Waste Generator:	No	
	Transporter Activity:	No	
	Transfer Facility Activity:	No	
	Recycler Activity with Storage:	No	
	Small Quantity On-Site Burner Exemption:	No	
	Smelting Melting and Refining Furnace Exemption:	No	
	Underground Injection Control:	No	
	Off-Site Waste Receipt:	No	
	Universal Waste Indicator:	Yes	
	Universal Waste Destination Facility:	Yes	
	Federal Universal Waste:	No	
	Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported	
	Active Site Converter Treatment storage and Disposal Facility:	Not reported	
	Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported	
	Active Site State-Reg Handler:	---	
	Federal Facility Indicator:	Not reported	
	Hazardous Secondary Material Indicator:	N	
	Sub-Part K Indicator:	Not reported	

Map ID
 Direction
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 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

SANFORD BURNHAM PRESBY MEDICAL DISCOVERY INSTITUTE (Continued)

1024823585

Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRC Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: LARRY ADELMAN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10901 N TORREY PINES RD
Owner/Operator City,State,Zip:	LA JOLLA, CA 90237
Owner/Operator Telephone:	858-646-3132
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: SANFORD BURN PRES MED	DSCVRV IN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10901 N TORREY PINES RD
Owner/Operator City,State,Zip:	LA JOLLA, CA 92037-1005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANFORD BURNHAM PRESBY MEDICAL DISCOVERY INSTITUTE (Continued)

1024823585

Owner/Operator Telephone: 858-646-3100
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20090708
Handler Name: SANFORD BURNHAM PRESBY MEDICAL DISCOVERY INSTITUTE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 54172
NAICS Description: RESEARCH AND DEVELOPMENT IN THE SOCIAL SCIENCES AND HUMANITIES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

F68
SW
1/8-1/4
0.167 mi.
880 ft.
Relative:
Higher
Actual:
357 ft.

ORGANOGENESIS, INC.
3040 SCIENCE PARK RD
SAN DIEGO, CA 92121
Site 5 of 7 in cluster F

CA ENVIROSTOR **1000246018**
CA San Diego Co. HMMD **CAD982491938**
CA CERS HAZ WASTE
RCRA NonGen / NLR
FINDS
ECHO
CA HAZNET
CA NPDES
CA CIWQS
CA CERS
CA HWTS

ENVIROSTOR:

Name: ALLIANCE PHARMACEUTICAL CORP.
Address: 3040 SCIENCE PARK ROAD
City,State,Zip: SAN DIEGO, CA 92121
Facility ID: 71003083
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

ORGANOGENESIS, INC. (Continued)

1000246018

Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Assembly: 78
Senate: 39
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 32.90260
Longitude: -117.2391
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD982491938
Alias Type: EPA Identification Number
Alias Name: 110002829958
Alias Type: EPA (FRS #)
Alias Name: 71003083
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Non-Submittal
Completed Date: 02/15/2001
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HMMD SAN DIEGO:

Name: ENTOS PHARMACEUTICALS
Address: 3040 SCIENCE PARK RD 1100
City,State,Zip: SAN DIEGO, CA 92121-1102
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000472408
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 800-727-0884
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 09/08/2022
Facility Owner: Not reported
Facility Mailing Address: 3040 Science Park Rd Ste 1100, San Diego, CA 92121
Facility Mailing City: Not reported
Facility Mailing State: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Name: ALLIANCE PHARMACEUTICAL CORP
Address: 3040 SCIENCE PARK RD
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 129466
Business Type: 6HK67
EPA Id Number: CAD982491938
APN: 340-010-51-00
Last HMMD Inspection: 02/25/2002
Facility Telephone: 858-858-4105
Permit Status: INAC
Permit Expiration: 05/31/2003
Date Last Updated: 11/02/2012
Facility Owner: ALLIANCE PHARMACEUTICAL CORP.
Facility Mailing Address: 3040 SCIENCE PARK RD
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121-1102
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Y
Generate Medical Waste: Not reported

CERS HAZ WASTE:

Name: ORGANOGENESIS, INC.
Address: 3040 SCIENCE PARK RD
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 576677
CERS ID: 10875694
CERS Description: Hazardous Waste Generator

Name: AEGIS NEW SITE
Address: 3040 SCIENCE PARK RD STE 1100
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 576776
CERS ID: 10876255
CERS Description: Hazardous Waste Generator

RCRA Listings:

Date Form Received by Agency: 20220608
Handler Name: ORGANOGENESIS, INC.
Handler Address: 3040 SCIENCE PARK ROAD STE 2000
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAD982491938
Contact Name: PETER HAMMAN

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Contact Address:	SCIENCE PARK ROAD
Contact City,State,Zip:	SAN DIEGO, CA 92121
Contact Telephone:	619-985-9386
Contact Fax:	Not reported
Contact Email:	PHAMMAN@ORGANO.COM
Contact Title:	FACILITIES MANAGER
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	SCIENCE PARK ROAD STE 2000
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	THE RMR GROUP (PROPERTY OWNER)
Owner Type:	Private
Operator Name:	ORGANOGENESIS, INC.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDU Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220613
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code: D001
 Waste Description: IGNITABLE WASTE

Waste Code: D002
 Waste Description: CORROSIVE WASTE

Waste Code: F003
 Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
 Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE RMR GROUP (PROPERTY OWNER)
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3655 NOBEL DRIVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Owner/Operator City,State,Zip: SAN DIEGO, CA 92122
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ALLIANCE PHARMACEUTIC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ORGANOGENESIS, INC.
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3040 SCIENCE PARK ROAD
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ORGANOGENESIS, INC.
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3040 SCIENCE PARK ROAD
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: THE RMR GROUP (PROPERTY OWNER)
Legal Status: Private

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3655 NOBEL DRIVE
Owner/Operator City,State,Zip: SAN DIEGO, CA 92122
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20220608
Handler Name: ORGANOGENESIS, INC.
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19900621
Handler Name: ALLIANCE PHARMACEUTICALS CORP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20210629
Handler Name: ORGANOGENESIS, INC.
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 54171
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

NAICS Code: 541714
NAICS Description: RESEARCH AND DEVELOPMENT IN BIOTECHNOLOGY (EXCEPT NANOBIOLOGY)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110070900240

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110002829958

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000246018
Registry ID: 110002829958
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002829958>
Name: ORGANOGENESIS, INC.
Address: 3040 SCIENCE PARK RD
City,State,Zip: SAN DIEGO, CA 92121

HAZNET:
Name: ALLIANCE PHARMACEUTICALS CORP
Address: 3040 SCIENCE PARK RD
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 921210000
Contact: VINCE SEBALD DIR ENGINEERING
Telephone: 8584105220
Mailing Name: Not reported
Mailing Address: 3040 SCIENCE PARK RD

Year: 2002
Gepaid: CAD982491938
TSD EPA ID: CAD008364432
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: -

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Tons:	0.4
Year:	2002
Gepaid:	CAD982491938
TSD EPA ID:	CAD050806850
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H01 - Transfer Station
Tons:	0.025
Year:	2002
Gepaid:	CAD982491938
TSD EPA ID:	CAD050806850
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	-
Tons:	0.0145
Year:	2002
Gepaid:	CAD982491938
TSD EPA ID:	CAD050806850
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H01 - Transfer Station
Tons:	0.36
Year:	2002
Gepaid:	CAD982491938
TSD EPA ID:	CAD008364432
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	-
Tons:	0.125
Year:	2002
Gepaid:	CAD982491938
TSD EPA ID:	CAD050806850
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H01 - Transfer Station
Tons:	0.109
Year:	2002
Gepaid:	CAD982491938
TSD EPA ID:	CAD008364432
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	-
Tons:	0.06
Year:	2000
Gepaid:	CAD982491938
TSD EPA ID:	CAT080013352
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	0.525
Year:	2000
Gepaid:	CAD982491938
TSD EPA ID:	CAT080013352
CA Waste Code:	133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method:	R01 - Recycler
Tons:	7.506

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Year: 2000
Gepaid: CAD982491938
TSD EPA ID: CAD050806850
CA Waste Code: 341 - Organic liquids (nonsolvents) with halogens
Disposal Method: H01 - Transfer Station
Tons: 0.675

[Click this hyperlink](#) while viewing on your computer to access 38 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year: 2002
Gen EPA ID: CAD982491938

Shipment Date: Not reported
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 20961787
Trans EPA ID: CAD008364432
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008364432
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: - Not reported
Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: Not reported
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 21018960
Trans EPA ID: MAD039322250
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD050806850
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.4
Waste Quantity: 800
Quantity Unit: P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: Not reported
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 21018960
Trans EPA ID: MAD039322250
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD050806850
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0275
Waste Quantity: 55
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: Not reported
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 21018960
Trans EPA ID: MAD039322250
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD050806850
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.004
Waste Quantity: 8
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: Not reported
Creation Date: Not reported
Receipt Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Manifest ID:	21018960
Trans EPA ID:	MAD039322250
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	21018960
Trans EPA ID:	MAD039322250
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	21018960
Trans EPA ID:	MAD039322250
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0135
Waste Quantity: 27
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: Not reported
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 21018960
Trans EPA ID: MAD039322250
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD050806850
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported

Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.007
Waste Quantity: 14
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: Not reported
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 21887855
Trans EPA ID: SCR000074591
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD050806850
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported

Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.008
Waste Quantity: 16
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: Not reported
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 21887855
Trans EPA ID: SCR000074591
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD050806850
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0065
Waste Quantity: 13
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2000
Gen EPA ID: CAD982491938

Shipment Date: 20000725
Creation Date: 9/25/2000 0:00:00
Receipt Date: 20000802
Manifest ID: 99721597
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: OKD981588791
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: CAD044429835
TSDf Alt Name: Not reported
Waste Code Description: 141 - Off-specification, aged, or surplus inorganics
RCRA Code: D002
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.417
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000725
Creation Date: 9/25/2000 0:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Receipt Date: 20000802
Manifest ID: 99721597
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: OKD981588791
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.2085
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000712
Creation Date: 9/25/2000 0:00:00
Receipt Date: 20000719
Manifest ID: 20120541
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: CAD028277036
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: CAT080013352
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.525
Waste Quantity: 1050
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000706
Creation Date: 9/11/2000 0:00:00
Receipt Date: 20000706
Manifest ID: 20120523
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: CAT080013352

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 2.502
Waste Quantity: 600
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000627
Creation Date: 9/11/2000 0:00:00
Receipt Date: 20000629
Manifest ID: 20120494
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: CAT080013352
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 1.8765
Waste Quantity: 450
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000626
Creation Date: 9/11/2000 0:00:00
Receipt Date: 20000626
Manifest ID: 99778963
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: CAT080013352
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 3.1275
Waste Quantity: 750
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000328
Creation Date: 6/7/2000 0:00:00
Receipt Date: 20000329
Manifest ID: 99402592
Trans EPA ID: SCR000074591
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD050806850
Trans Name: Not reported
TSDf Alt EPA ID: CAD050806850
TSDf Alt Name: Not reported
Waste Code Description: 341 - Organic liquids (nonsolvents) with halogens
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.675
Waste Quantity: 1350
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000131
Creation Date: 5/3/2000 0:00:00
Receipt Date: 20000215
Manifest ID: 99721557
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: OKD981588791
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: CAD044429835
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1999
Gen EPA ID: CAD982491938

Shipment Date: 19991022

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Creation Date: 1/11/2000 0:00:00
Receipt Date: 19991109
Manifest ID: 99460745
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: OKD961588791
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: CAD044429835
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.01
Waste Quantity: 20
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19991022
Creation Date: 1/11/2000 0:00:00
Receipt Date: 19991109
Manifest ID: 99460745
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: OKD961588791
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: CAD044429835
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.015
Waste Quantity: 30
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19991022
Creation Date: 1/11/2000 0:00:00
Receipt Date: 19991028
Manifest ID: 99460746
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080022148
Trans Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990826
Creation Date:	10/27/1999 0:00:00
Receipt Date:	19990914
Manifest ID:	99460509
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	DER000000968
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990525
Creation Date:	7/30/1999 0:00:00
Receipt Date:	19990611
Manifest ID:	98769717
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	DER000000968
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.1668
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990309
Creation Date:	5/17/1999 0:00:00
Receipt Date:	19990324
Manifest ID:	98833434
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	DER000000968
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990301
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	98833410
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	DER000000273
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	- Not reported
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990301
Creation Date:	5/27/1999 0:00:00
Receipt Date:	19990309
Manifest ID:	98833410

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	DER000000273
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	711 - Liquids with cyanides > 1000 mg/l
RCRA Code:	P098
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990301
Creation Date:	5/27/1999 0:00:00
Receipt Date:	19990309
Manifest ID:	98833410
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	DER000000273
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990301
Creation Date:	5/27/1999 0:00:00
Receipt Date:	19990309
Manifest ID:	98833410
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	DER000000273
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

RCRA Code: D002
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.01
Waste Quantity: 20
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1998
Gen EPA ID: CAD982491938

Shipment Date: 19981106
Creation Date: 1/13/1999 0:00:00
Receipt Date: 19981125
Manifest ID: 98554584
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: OHD083377010
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D009
Meth Code: *** - Invalid Code
Quantity Tons: 0.01
Waste Quantity: 20
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19981027
Creation Date: 1/5/1999 0:00:00
Receipt Date: 19981105
Manifest ID: 98554546
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: CAD044429835
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.1042
Waste Quantity: 25
Quantity Unit: G

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980820
Creation Date:	11/24/1998 0:00:00
Receipt Date:	19980831
Manifest ID:	95461245
Trans EPA ID:	CAD000083121
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD050806850
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	341 - Organic liquids (nonsolvents) with halogens
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980820
Creation Date:	11/24/1998 0:00:00
Receipt Date:	19980831
Manifest ID:	95461245
Trans EPA ID:	CAD000083121
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD050806850
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	341 - Organic liquids (nonsolvents) with halogens
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.45
Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980710
Creation Date:	9/15/1998 0:00:00
Receipt Date:	19980722

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

ORGANOGENESIS, INC. (Continued)

1000246018

Manifest ID:	98120481
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	OHD083377010
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	725 - Liquids with mercury > 20 mg/l
RCRA Code:	D009
Meth Code:	- Not reported
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980710
Creation Date:	9/15/1998 0:00:00
Receipt Date:	19980727
Manifest ID:	98120478
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	DER000000968
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.1876
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980701
Creation Date:	9/15/1998 0:00:00
Receipt Date:	19980707
Manifest ID:	97274395
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	DER000000968
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980701
Creation Date:	9/15/1998 0:00:00
Receipt Date:	19980707
Manifest ID:	97274395
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	DER000000968
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980701
Creation Date:	9/15/1998 0:00:00
Receipt Date:	19980707
Manifest ID:	97274395
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	DER000000968
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

ORGANOGENESIS, INC. (Continued)

1000246018

Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19980701
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 97274395
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: DER00000968
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 122 - Alkaline solution without metals (pH > 12.5
RCRA Code: D002
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.02
Waste Quantity: 40
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1997
Gen EPA ID: CAD982491938

Shipment Date: 19971210
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 97294844
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: CAD044429835
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: U075
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.0025
Waste Quantity: 5
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19971210
Creation Date: 4/23/1998 0:00:00

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Receipt Date: 19971218
Manifest ID: 97294844
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: U188
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19971210
Creation Date: 4/23/1998 0:00:00
Receipt Date: 19971218
Manifest ID: 97294844
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.01
Waste Quantity: 20
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19971210
Creation Date: 4/23/1998 0:00:00
Receipt Date: 19971218
Manifest ID: 97294844
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19971210
Creation Date: 4/23/1998 0:00:00
Receipt Date: 19971218
Manifest ID: 97294844
Trans EPA ID: ILD047267364
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.0125
Waste Quantity: 25
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19971105
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19971111
Manifest ID: 96622243
Trans EPA ID: CAD000083121
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD050806850
Trans Name: Not reported
TSDF Alt EPA ID: CAD050806850
TSDF Alt Name: Not reported
Waste Code Description: 341 - Organic liquids (nonsolvents) with halogens
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.9
Waste Quantity: 1800
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970721
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970725
Manifest ID:	96709929
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008252405
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.144
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970507
Creation Date:	7/17/1997 0:00:00
Receipt Date:	19970519
Manifest ID:	96539511
Trans EPA ID:	CAD000083121
Trans Name:	Not reported
Trans 2 EPA ID:	DER000000273
Trans 2 Name:	Not reported
TSDf EPA ID:	AZD049318009
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	341 - Organic liquids (nonsolvents) with halogens
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.5838
Waste Quantity:	140
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970127
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970204
Manifest ID:	96545889
Trans EPA ID:	CAD000083121

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Database(s)
EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: AZD049318009
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 341 - Organic liquids (nonsolvents) with halogens
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.6046
Waste Quantity: 145
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1996
Gen EPA ID: CAD982491938

Shipment Date: 19961104
Creation Date: 5/21/1997 0:00:00
Receipt Date: 19961111
Manifest ID: 96539003
Trans EPA ID: CAD000083121
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: AZD049318009
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 341 - Organic liquids (nonsolvents) with halogens
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.6255
Waste Quantity: 150
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19960926
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19961001
Manifest ID: 96301691
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008252405
Trans Name: Not reported

Map ID
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EDR ID Number
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Database(s)

ORGANOGENESIS, INC. (Continued)

1000246018

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.18
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960911
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960923
Manifest ID:	96153978
Trans EPA ID:	CAD000083121
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	341 - Organic liquids (nonsolvents) with halogens
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.417
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960828
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960904
Manifest ID:	96153821
Trans EPA ID:	CAD000083121
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	341 - Organic liquids (nonsolvents) with halogens
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported

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Database(s)
EDR ID Number
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ORGANOGENESIS, INC. (Continued)

1000246018

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960524
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19960606
Manifest ID:	96154108
Trans EPA ID:	CAD983641101
Trans Name:	Not reported
Trans 2 EPA ID:	CAD000083121
Trans 2 Name:	Not reported
TSDf EPA ID:	AZD049318009
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	341 - Organic liquids (nonsolvents) with halogens
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.5421
Waste Quantity:	130
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960306
Creation Date:	10/4/1996 0:00:00
Receipt Date:	19960306
Manifest ID:	96154420
Trans EPA ID:	CAT080010101
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080010101
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT080010101
TSDf Alt Name:	Not reported
Waste Code Description:	341 - Organic liquids (nonsolvents) with halogens
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.688
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960131
Creation Date:	10/10/1996 0:00:00
Receipt Date:	19960206
Manifest ID:	95743534

Map ID
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Database(s) EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: CAD044429835
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: T03 - Treatment, Incineration
Quantity Tons: 0.108
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19960116
Creation Date: 10/9/1996 0:00:00
Receipt Date: 19960116
Manifest ID: 95466460
Trans EPA ID: CAT080010101
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080010101
Trans Name: Not reported
TSDf Alt EPA ID: CAT080010101
TSDf Alt Name: Not reported
Waste Code Description: 341 - Organic liquids (nonsolvents) with halogens
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.6255
Waste Quantity: 150
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1995
Gen EPA ID: CAD982491938

Shipment Date: 19951204
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951205
Manifest ID: 95467873
Trans EPA ID: CAT080010101
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080010101

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EDR ID Number
EPA ID Number
Database(s)

ORGANOGENESIS, INC. (Continued)

1000246018

Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 341 - Organic liquids (nonsolvents) with halogens
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.688
Waste Quantity: 165
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19951109
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951110
Manifest ID: 95467843
Trans EPA ID: CAT080010101
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080010101
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 341 - Organic liquids (nonsolvents) with halogens
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.6672
Waste Quantity: 160
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950802
Creation Date: 4/2/1996 0:00:00
Receipt Date: 19950802
Manifest ID: 95465339
Trans EPA ID: CAT080010101
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080010101
Trans Name: Not reported
TSDF Alt EPA ID: CAT080010101
TSDF Alt Name: Not reported
Waste Code Description: 341 - Organic liquids (nonsolvents) with halogens
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.6255
Waste Quantity: 150
Quantity Unit: G

Map ID
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MAP FINDINGS

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Database(s)
EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950620
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950620
Manifest ID:	95466242
Trans EPA ID:	CAT080010101
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080010101
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT080010101
TSDf Alt Name:	Not reported
Waste Code Description:	341 - Organic liquids (nonsolvents) with halogens
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.5004
Waste Quantity:	120
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950512
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950516
Manifest ID:	95189215
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD044429835
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950315
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950317

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Manifest ID: 95248269
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 291 - Latex waste
RCRA Code: Not reported
Meth Code: T03 - Treatment, Incineration
Quantity Tons: 0.2543
Waste Quantity: 61
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950315
Creation Date: 3/29/1996 0:00:00
Receipt Date: 19950317
Manifest ID: 95248269
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.054
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950307
Creation Date: 3/29/1996 0:00:00
Receipt Date: 19950308
Manifest ID: 93448479
Trans EPA ID: CAT080010101
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080010101
Trans Name: Not reported
TSDF Alt EPA ID: CAT080010101
TSDF Alt Name: Not reported

Map ID
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MAP FINDINGS

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Database(s)
EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Waste Code Description: 341 - Organic liquids (nonsolvents) with halogens
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.4587
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950307
Creation Date: 3/29/1996 0:00:00
Receipt Date: 19950308
Manifest ID: 93448479
Trans EPA ID: CAT080010101
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080010101
Trans Name: Not reported
TSDf Alt EPA ID: CAT080010101
TSDf Alt Name: Not reported
Waste Code Description: 341 - Organic liquids (nonsolvents) with halogens
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950221
Creation Date: 3/29/1996 0:00:00
Receipt Date: 19950227
Manifest ID: 95248128
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: CAD044429835
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: T03 - Treatment, Incineration
Quantity Tons: 0.108
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

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Database(s) EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1994
Gen EPA ID: CAD982491938

Shipment Date: 19941213
Creation Date: 3/28/1996 0:00:00
Receipt Date: 19941213
Manifest ID: 95103146
Trans EPA ID: CAT080010101
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080010101
Trans Name: Not reported
TSDF Alt EPA ID: CAT080010101
TSDF Alt Name: Not reported
Waste Code Description: 341 - Organic liquids (nonsolvents) with halogens
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.6255
Waste Quantity: 150
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19941012
Creation Date: 3/26/1996 0:00:00
Receipt Date: 19941013
Manifest ID: 93006340
Trans EPA ID: CAT080010101
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080010101
Trans Name: Not reported
TSDF Alt EPA ID: CAT080010101
TSDF Alt Name: Not reported
Waste Code Description: 341 - Organic liquids (nonsolvents) with halogens
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19941012
Creation Date: 3/26/1996 0:00:00

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Database(s) EDR ID Number
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ORGANOGENESIS, INC. (Continued)

1000246018

Receipt Date: 19941013
Manifest ID: 93006340
Trans EPA ID: CAT080010101
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080010101
Trans Name: Not reported
TSDF Alt EPA ID: CAT080010101
TSDF Alt Name: Not reported
Waste Code Description: 341 - Organic liquids (nonsolvents) with halogens
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.4587
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940902
Creation Date: 3/26/1996 0:00:00
Receipt Date: 19940907
Manifest ID: 93496801
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: AZD049318009
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: T03 - Treatment, Incineration
Quantity Tons: 0.108
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940421
Creation Date: 3/25/1996 0:00:00
Receipt Date: 19940427
Manifest ID: 93024549
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: AZD049318009
Trans Name: Not reported
TSDF Alt EPA ID: Not reported

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Database(s) EDR ID Number
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ORGANOGENESIS, INC. (Continued)

1000246018

TSDF Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0
Waste Quantity: 0
Quantity Unit: Not reported
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940421
Creation Date: 3/25/1996 0:00:00
Receipt Date: 19940427
Manifest ID: 93024549
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: AZD049318009
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: - Not reported
Quantity Tons: 0.18
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

NPDES:

Name: HELIX SCIENCE CAMPUS
Address: 3040 SCIENCE PARK ROAD
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Terminated
NPDES Number: CAS000002
Region: 9
Agency Number: 0
Regulatory Measure ID: 513317
Place ID: Not reported
Order Number: 2009-0009-DWQ
WDID: 9 37C388447
Regulatory Measure Type: Enrollee
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 10/18/2019
Termination Date Of Regulatory Measure: 02/11/2021
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Two Newton Place
Discharge Name: SNH Medical Properties Trust

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Discharge City: Newton
Discharge State: Massachusetts
Discharge Zip: 2458
Status: Not reported
Status Date: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported
Operator Zip: Not reported

Name: HELIX SCIENCE CAMPUS
Address: 3040 SCIENCE PARK ROAD
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 9 37C388447
Regulatory Measure Type: Construction
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Terminated
Status Date: 02/12/2021
Operator Name: SNH Medical Properties Trust
Operator Address: Two Newton Place
Operator City: Newton
Operator State: Massachusetts
Operator Zip: 02458

CIWQS:

Name: HELIX SCIENCE CAMPUS
Address: 3040 SCIENCE PARK ROAD
City,State,Zip: SAN DIEGO, CA 92121
Agency: SNH Medical Properties Trust
Agency Address: Two Newton Place 255 Washington Street, Newton, MA 02458
Place/Project Type: Construction - Commercial
SIC/NAICS: Not reported
Region: 9
Program: CONSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water construction
Order Number: 2009-0009-DWQ
WDID: 9 37C388447
NPDES Number: CAS000002
Adoption Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

ORGANOGENESIS, INC. (Continued)

1000246018

Effective Date: 10/18/2019
Termination Date: 02/11/2021
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 32.902535
Longitude: -117.239349

CERS:

Name: AEGIS NEW SITE
Address: 3040 SCIENCE PARK RD STE 1100
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 576776
CERS ID: 10876255
CERS Description: Chemical Storage Facilities

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-15-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Yanda Ryan Inspection ID:6786555
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-15-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Yanda Ryan Inspection ID:6786555
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Document Preparer
Entity Name: David Burcin
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3040 Science Park Road, Suite 1100
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Aegis Life, Inc.
Entity Title: Not reported
Affiliation Address: 3040 Science Park Road, Suite 1100
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (323) 646-2823,

Affiliation Type Desc: Operator
Entity Name: Aegis Life, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (323) 646-2823,

Affiliation Type Desc: Property Owner
Entity Name: RMR Group LLC
Entity Title: Not reported
Affiliation Address: 255 WASHINGTON STREET
Affiliation City: NEWTON
Affiliation State: MA
Affiliation Country: United States
Affiliation Zip: 02458
Affiliation Phone: (617) 796-8390,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Identification Signer
Entity Name: David Burcin
Entity Title: Consultant
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Aegis Life
Entity Title: Not reported
Affiliation Address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Jaijal Ablack
Entity Title: Not reported
Affiliation Address: 3040 Science Park Road, Suite 1100
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Name: ORGANOGENESIS, INC.
Address: 3040 SCIENCE PARK RD
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 576677
CERS ID: 10875694
CERS Description: Chemical Storage Facilities

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Sharon Southward
Entity Title: Not reported
Affiliation Address: 3040 Science Park Road, Suite# 2000
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Organogenesis, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (619) 985-7463,

Affiliation Type Desc: Parent Corporation
Entity Name: Organogenesis, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Affiliation Address: 3040 Science Park Road, Suite# 2000
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Organogenesis, Inc.
Entity Title: Not reported
Affiliation Address: 150 Dan Road
Affiliation City: Canton
Affiliation State: MA
Affiliation Country: United States
Affiliation Zip: 02021
Affiliation Phone: (781) 575-0775,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
Entity Name: Michael Lispi
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Sharon Southward
Entity Title: Facilities Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: The RMR Group
Entity Title: Not reported
Affiliation Address: 3655 Nobel Drive, Suite 120
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92122
Affiliation Phone: (858) 427-3600,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

HWTS:

Name: ORGANOGENESIS INC
Address: 3040 SCIENCE PARK RD STE 2000
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAD982491938
Inactive Date: Not reported
Create Date: 06/21/1990
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 3040 SCIENCE PARK RD
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 921211102
Owner Name: ORGANOGENESIS INC
Owner Address: 3040 SCIENCE PARK RD
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 921211102
Contact Name: SHARON SOUTHWARD
Contact Address: 3040 SCIENCE PARK RD
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 921211102
Facility Status: Active
Facility Type: PERMANENT
Category: FEDERAL
Latitude: 32.902228
Longitude: -117.24025

NAICS:

EPA ID: CAD982491938
Create Date: 2021-06-30 09:51:03.517
NAICS Code: 541714
NAICS Description: Research & Development in Nanotechnology Biotechnology (except Nanobiotechnology)
Issued EPA ID Date: 1990-06-21 00:00:00
Inactive Date: Not reported
Facility Name: ORGANOGENESIS INC
Facility Address: 3040 SCIENCE PARK RD STE 2000
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 921210000

EPA ID: CAD982491938
Create Date: 2021-06-30 09:51:03.517
NAICS Code: 541714
NAICS Description: Research and Development in Biotechnology (except Nanobiotechnology)
Issued EPA ID Date: 1990-06-21 00:00:00
Inactive Date: Not reported
Facility Name: ORGANOGENESIS INC
Facility Address: 3040 SCIENCE PARK RD STE 2000
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 921210000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORGANOGENESIS, INC. (Continued)

1000246018

Name: SNH MEDICAL OFFICE PROPERTIES TRUST
Address: 3040 SCIENCE PARK RD
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAC003086256
Inactive Date: 12/30/2020
Create Date: 09/30/2020
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 255 WASHINGTON STREET
Mailing Address 2: Not reported
Mailing City,State,Zip: NEWTON, CA 2458
Owner Name: SNH MEDICAL OFFICE PROPERTIES TRUST
Owner Address: 255 WASHINGTON STREET
Owner Address 2: Not reported
Owner City,State,Zip: NEWTON, CA 2458
Contact Name: JENNIFER FRANCIS
Contact Address: 255 WASHINGTON STREET
Contact Address 2: Not reported
City,State,Zip: NEWTON, CA 2458
Facility Status: Inactive
Facility Type: TEMPORARY
Category: STATE
Latitude: 32.90255
Longitude: -117.239268

NAICS:

EPA ID: CAC003086256
Create Date: 2020-09-30 14:18:06.990
NAICS Code: 99999
NAICS Description: Not Otherwise Specified
Issued EPA ID Date: 2020-09-30 14:18:06.99700
Inactive Date: 2020-12-30 14:18:06.98300
Facility Name: SNH MEDICAL OFFICE PROPERTIES TRUST
Facility Address: 3040 SCIENCE PARK RD
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 92121

F69
SW
1/8-1/4
0.167 mi.
880 ft.

ENTOS PHARMACEUTICALS US INC
3040 SCIENCE PARK RD STE 1100
SAN DIEGO, CA 92121
Site 6 of 7 in cluster F

RCRA NonGen / NLR **1027468062**
CAL000472408

Relative:
Higher

RCRA Listings:
Date Form Received by Agency: 20220809
Handler Name: ENTOS PHARMACEUTICALS US INC
Handler Address: 3040 SCIENCE PARK RD STE 1100
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000472408
Contact Name: NED MESSER
Contact Address: 3040 SCIENCE PARK RD STE 1100
Contact City,State,Zip: SAN DIEGO, CA 92121
Contact Telephone: 858-529-6600

Actual:
357 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

Database(s)

Site

ENTOS PHARMACEUTICALS US INC (Continued)

1027468062

Contact Fax:	Not reported
Contact Email:	NED.MESSER@ENTOSPHERMA.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3040 SCIENCE PARK RD STE 1100
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	ENTOS PHARMACEUTICALS US INC
Owner Type:	Other
Operator Name:	NED MESSER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

ENTOS PHARMACEUTICALS US INC (Continued)

1027468062

Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20220816
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: ENTOS PHARMACEUTICALS US INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 593 LYNWOOD DR
Owner/Operator City,State,Zip: ENCINITAS, CA 92024
Owner/Operator Telephone: 800-727-0884
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NED MESSER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3040 SCIENCE PARK RD STE 1100
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-529-6600
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20220809
Handler Name: ENTOS PHARMACEUTICALS US INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

ENTOS PHARMACEUTICALS US INC (Continued)

1027468062

List of NAICS Codes and Descriptions:

NAICS Code: 541715
 NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

F70
SW
1/8-1/4
0.167 mi.
880 ft.

SNH MEDICAL OFFICE PROPERTIES TRUST
3040 SCIENCE PARK RD
SAN DIEGO, CA 92121
Site 7 of 7 in cluster F

RCRA NonGen / NLR **1026480301**
CAC003086256

Relative:
Higher
Actual:
357 ft.

RCRA Listings: 20200930
 Date Form Received by Agency: 20200930
 Handler Name: SNH MEDICAL OFFICE PROPERTIES TRUST
 Handler Address: 3040 SCIENCE PARK RD
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAC003086256
 Contact Name: JENNIFER FRANCIS
 Contact Address: 255 WASHINGTON STREET
 Contact City,State,Zip: NEWTON, CA 02458
 Contact Telephone: 617-796-8314
 Contact Fax: Not reported
 Contact Email: CUSTOMERSERVICE@EFRENVIRO.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 255 WASHINGTON STREET
 Mailing City,State,Zip: NEWTON, CA 02458
 Owner Name: SNH MEDICAL OFFICE PROPERTIES TRUST
 Owner Type: Other
 Operator Name: JENNIFER FRANCIS
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)
 EDR ID Number
 EPA ID Number

SNH MEDICAL OFFICE PROPERTIES TRUST (Continued)

1026480301

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20201008
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: JENNIFER FRANCIS	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	255 WASHINGTON STREET
Owner/Operator City,State,Zip:	NEWTON, CA 02458
Owner/Operator Telephone:	617-796-8314
Owner/Operator Telephone Ext:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SNH MEDICAL OFFICE PROPERTIES TRUST (Continued)

1026480301

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SNH MEDICAL OFFICE PROPERTIES TRUST
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 255 WASHINGTON STREET
Owner/Operator City,State,Zip: NEWTON, CA 02458
Owner/Operator Telephone: 617-796-8314
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20200930
Handler Name: SNH MEDICAL OFFICE PROPERTIES TRUST
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

I71
East
1/8-1/4
0.169 mi.
892 ft.

GENERAL ATOMICS
11222 FLINTKOTE AV
SAN DIEGO, CA 92121

Site 1 of 4 in cluster I

CA SAN DIEGO CO. SAM S104754228
CA San Diego Co. HMMD N/A
CA CIWQS

Relative:
Lower
Actual:
34 ft.

SAN DIEGO CO. SAM:
Name: GENERAL ATOMICS
Address: 11222 FLINTKOTE AV
City,State,Zip: SAN DIEGO, CA 921211215
Case Number: H34138-001
Agency: CA Department of Toxic Substance Control
Funding: Private - For Non-LOP Tank
Facility Type: GW With No Beneficial Use Designation
Facility Status: Remedial Investigation
Date: 11/7/1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

GENERAL ATOMICS (Continued)

S104754228

Date Began: 11/7/1994

HMMD SAN DIEGO:

Name: GENERAL ATOMICS
Address: 11222 FLINTKOTE AV
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 134138
Business Type: Not reported
EPA Id Number: Not reported
APN: 340-020-26-00
Last HMMD Inspection: Not reported
Facility Telephone: 858-455-3000
Permit Status: INAC
Permit Expiration: Not reported
Date Last Updated: 11/02/2012
Facility Owner: GENERAL ATOMICS
Facility Mailing Address: 3550 GENERAL ATOMICS CT
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121-1194
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

CIWQS:

Name: GENERAL ATOMICS NORTH SORRENTO VALLEY FLINTKOTE PROPERTY
Address: 11222 FLINTKOTE AVENUE
City,State,Zip: SAN DIEGO, CA 92121
Agency: General Atomics Northern Sorrento Valley Office
Agency Address: Po Box 85608, San Diego, CA 92186-5608
Place/Project Type: Manufacturing NEC
SIC/NAICS: Not reported
Region: 9
Program: LNDISPOTH, WDRNONMUNIPRCS
Regulatory Measure Status: Active
Regulatory Measure Type: Enrollee - WDR
Order Number: R9-2008-0081
WDID: 9000003586
NPDES Number: Not reported
Adoption Date: Not reported
Effective Date: 06/03/2020
Termination Date: Not reported
Expiration/Review Date: 11/12/2023
Design Flow: Not reported
Major/Minor: Minor
Complexity: C
TTWQ: 3
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 32.90244
Longitude: -117.22864

Map ID
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MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

I72 **GENERAL ATOMICS NORTHERN SORRENTO VALLEY** **CA CPS-SLIC** **S127070248**
East **11222 FLINTKOTE AVENUE**
1/8-1/4 **SAN DIEGO, CA 92121** **N/A**
0.169 mi.
892 ft. **Site 2 of 4 in cluster I**

Relative: **CPS-SLIC:**
Lower Name: GENERAL ATOMICS NORTHERN SORRENTO VALLEY
Actual: Address: 11222 FLINTKOTE AVENUE
34 ft. City,State,Zip: SAN DIEGO, CA 92121
 Region: STATE
 Facility Status: **Open - Remediation**
 Status Date: 03/04/2021
 Global Id: T10000016916
 Lead Agency: SAN DIEGO RWQCB (REGION 9)
 Lead Agency Case Number: Not reported
 Latitude: 32.90414
 Longitude: -117.23316
 Case Type: Cleanup Program Site
 Case Worker: TCA
 Local Agency: Not reported
 RB Case Number: 2090106
 File Location: Not reported
 Potential Media Affected: Not reported
 Potential Contaminants of Concern: Not reported
 Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

I73 **GENERAL ATOMICS** **RCRA-LQG** **1012175986**
East **11222 FLINTKOTE AVE** **CA HAZNET** **CAR000198143**
1/8-1/4 **SAN DIEGO, CA 92121** **CA HWTS**
0.169 mi.
892 ft. **Site 3 of 4 in cluster I**

Relative: **RCRA Listings:**
Lower Date Form Received by Agency: 20200226
Actual: Handler Name: GENERAL ATOMICS
34 ft. Handler Address: 11222 FLINTKOTE AVE
 Handler City,State,Zip: SAN DIEGO, CA 92121-0000
 EPA ID: CAR000198143
 Contact Name: MARGARET GREGORY
 Contact Address: GENERAL ATOMICS CT
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-909-5227
 Contact Fax: Not reported
 Contact Email: MARGARET.GREGORY@GA.COM
 Contact Title: ENVIORNMENTAL COORDINATOR
 EPA Region: 09
 Land Type: Private
 Federal Waste Generator Description: Large Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: 2019
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: PO BOX 85608
 Mailing City,State,Zip: SAN DIEGO, CA 92186
 Owner Name: GENERAL ATOMICS

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GENERAL ATOMICS (Continued)

1012175986

Owner Type:		Private
Operator Name:	GENERAL ATOMICS	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20200918
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No

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MAP FINDINGS

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Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

1012175986

Sub-Part P Indicator: No

Biennial: List of Years

Year: 2019

Click Here for Biennial Reporting System Data:

Year: 2017

Click Here for Biennial Reporting System Data:

Year: 2015

Click Here for Biennial Reporting System Data:

Year: 2013

Click Here for Biennial Reporting System Data:

Year: 2009

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D018
Waste Description: BENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED

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GENERAL ATOMICS (Continued)

1012175986

SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: GENESEE PROPERTIES, INC.
Legal Status: Private
Date Became Current: 19880201
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 85608
Owner/Operator City,State,Zip: SAN DIEGO, CA 92186
Owner/Operator Telephone: 858-455-2823
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: LAND LINDBERGH PROPERTIES INC
Legal Status: Private
Date Became Current: 19860930
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 63
Owner/Operator City,State,Zip: BERTHOUD, CO 80513
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: GENERAL ATOMICS
Legal Status: Private
Date Became Current: 19860101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: GENESEE PROPERTIES, INC.
Legal Status: Private
Date Became Current: 19880201
Date Ended Current: Not reported
Owner/Operator Address: P.O. BOX 85608

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Site

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EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Owner/Operator City,State,Zip: SAN DIEGO, CA 92186
Owner/Operator Telephone: 858-455-2823
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: GENERAL ATOMICS
Legal Status: Private
Date Became Current: 19880201
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 85608
Owner/Operator City,State,Zip: SAN DIEGO, CA 92186
Owner/Operator Telephone: 858-455-2823
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: MARGARET.GREGORY@GA.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: GENERAL ATOMICS
Legal Status: Private
Date Became Current: 19880201
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 85608
Owner/Operator City,State,Zip: SAN DIEGO, CA 92186
Owner/Operator Telephone: 858-455-2823
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: MARGARET.GREGORY@GA.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: GENERAL ATOMICS
Legal Status: Private
Date Became Current: 19880201
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: GENESEE PROPERTIES INC
Legal Status: Private
Date Became Current: 19880201
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 85608
Owner/Operator City,State,Zip: SAN DIEGO, CA 92186-5808
Owner/Operator Telephone: 858-455-2823
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: GENERAL ATOMICS
Legal Status: Private

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MAP FINDINGS

Site

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GENERAL ATOMICS (Continued)

1012175986

Date Became Current: 19880201
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: GENERAL ATOMICS
Legal Status: Private
Date Became Current: 19880201
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: GENERAL ATOMICS
Legal Status: Private
Date Became Current: 19880201
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 85608
Owner/Operator City,State,Zip: SAN DIEGO, CA 92186
Owner/Operator Telephone: 858-455-2823
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: MARGARET.GREGORY@GA.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: GENERAL ATOMICS
Legal Status: Private
Date Became Current: 19880201
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 85608
Owner/Operator City,State,Zip: SAN DIEGO, CA 92186
Owner/Operator Telephone: 858-455-2823
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: MARGARET.GREGORY@GA.COM

Historic Generators:
Receive Date: 20100617
Handler Name: GENERAL ATOMICS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported

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MAP FINDINGS

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GENERAL ATOMICS (Continued)

1012175986

Electronic Manifest Broker:	Not reported
Receive Date:	20140303
Handler Name: GENERAL ATOMICS	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20160224
Handler Name: GENERAL ATOMICS	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20180221
Handler Name: GENERAL ATOMICS	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	20200226
Handler Name: GENERAL ATOMICS	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	20090115
Handler Name: GENERAL ATOMICS	
Federal Waste Generator Description:	Large Quantity Generator

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MAP FINDINGS

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EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 54171
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

NAICS Code: 541711
NAICS Description: RESEARCH AND DEVELOPMENT IN BIOTECHNOLOGY

NAICS Code: 541712
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT BIOTECHNOLOGY)

NAICS Code: 541714
NAICS Description: RESEARCH AND DEVELOPMENT IN BIOTECHNOLOGY (EXCEPT NANOBIOLOGY)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

HAZNET:

Name: GENERAL ATOMICS
Address: 11222 FLINTKOTE AVE
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 921210000
Contact: MARGARET GREGORY
Telephone: 8589095227
Mailing Name: Not reported
Mailing Address: PO BOX 85608

Year: 2021
Gepaid: CAR000198143
TSD EPA ID: UTD981552177
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.017

Year: 2021
Gepaid: CAR000198143
TSD EPA ID: NVT330010000
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

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MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

<p>Tons:</p> <p>Year: Gepaid: TSD EPA ID: CA Waste Code: Disposal Method:</p> <p>Tons:</p> <p>Year: Gepaid: TSD EPA ID: CA Waste Code: Disposal Method:</p> <p>Tons:</p> <p>Year: Gepaid: TSD EPA ID: CA Waste Code: Disposal Method:</p> <p>Tons:</p> <p>Year: Gepaid: TSD EPA ID: CA Waste Code: Disposal Method:</p> <p>Tons:</p> <p>Year: Gepaid: TSD EPA ID: CA Waste Code: Disposal Method:</p> <p>Tons:</p> <p>Year: Gepaid: TSD EPA ID: CA Waste Code: Disposal Method:</p> <p>Tons:</p>	<p>0.07</p> <p>2021 CAR000198143 NMD002208627 181 - Other inorganic solid waste H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)</p> <p>0.115</p> <p>2021 CAR000198143 NVT330010000 122 - Alkaline solution without metals pH >= 12.5 H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect</p> <p>0.91743</p> <p>2021 CAR000198143 NMD002208627 513 - Empty containers less than 30 gallons H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)</p> <p>0.0605</p> <p>2021 CAR000198143 NVT330010000 135 - Unspecified aqueous solution H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)</p> <p>0.126</p> <p>2021 CAR000198143 NVT330010000 791 - Liquids with pH <= 2 H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect</p> <p>0.48372</p> <p>2021 CAR000198143 TXD000838896 352 - Other organic solids H040 - Incineration--Thermal Destruction Other Than Use As A Fuel</p> <p>0.0275</p> <p>2021 CAR000198143 NVT330010000 135 - Unspecified aqueous solution H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect</p> <p>0.10425</p>
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Map ID
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MAP FINDINGS

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Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Year: 2021
Gepaid: CAR000198143
TSD EPA ID: NVT330010000
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Tons: 0.45

[Click this hyperlink](#) while viewing on your computer to access
238 additional CA HAZNET: record(s) in the EDR Site Report.

Detail Two:

Year: 2020
EM Manifest ID: 7c44e015-7e47-472c-a1d0-7f615af0ecb6
Shipment Date: 7/14/2020
Receipt Date: 8/18/2020
Manifest Number: 021546433JJK
Generator EPA ID: CAR000198143
Name: GENERAL ATOMICS
Address: 11222 FLILNTKOTE AVE
Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718
Contact: Jeff Ruhl
Contact Telephone: 760-489-5600
Transporter 1 EPA ID: CAR000070540
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSD EPA ID: ARD069748192
TSD Name: Clean Harbors El Dorado LLC
TSD Address 1: 309 American Circle
TSD Address 2: Not reported
TSD City: El Dorado
TSD Zip: 71730
TSD Telephone: 800-483-3718

Federal:

Year: 2020
EM Manifest ID: 7c44e015-7e47-472c-a1d0-7f615af0ecb6
Generator EPA ID: CAR000198143
Shipment Date: 2020-07-14
Manifest Number: 021546433JJK
Line Number: 1
Method Code: H040
Quantity Tons: 0.11676
Quantity Waste: 28.000000
Quantity Unit: G
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Gallons
Federal Code: D002

State:

Year: 2020

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Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

EM Manifest ID: 7c44e015-7e47-472c-a1d0-7f615af0ecb6
Generator EPA ID: CAR000198143
Shipment Date: 2020-07-14
Manifest Number: 021546433JJK
Line Number: 1
Method Code: H040
Quantity Tons: 0.11676
Quantity Waste: 28.000000
Quantity Unit: G
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Gallons
State Code: 791

Year: 2020
EM Manifest ID: 25806908-94fb-4f9e-a817-f7019a9360b8
Shipment Date: 6/9/2020
Receipt Date: 7/9/2020
Manifest Number: 021545812JJK
Generator EPA ID: CAR000198143
Name: GENERAL ATOMICS
Address: 11222 FLILNTEKOTE AVE
Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718
Contact: Jeff Ruhl
Contact Telephone: 760-489-5600
Transporter 1 EPA ID: CAR000070540
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: ARD069748192
TSDf Name: Clean Harbors El Dorado LLC
TSDf Address 1: 309 American Circle
TSDf Address 2: Not reported
TSDf City: El Dorado
TSDf Zip: 71730
TSDf Telephone: 800-483-3718

Federal:

Year: 2020
EM Manifest ID: 25806908-94fb-4f9e-a817-f7019a9360b8
Generator EPA ID: CAR000198143
Shipment Date: 2020-06-09
Manifest Number: 021545812JJK
Line Number: 1
Method Code: H040
Quantity Tons: 0.11500
Quantity Waste: 230.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D001

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Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

State:
Year: 2020
EM Manifest ID: 25806908-94fb-4f9e-a817-f7019a9360b8
Generator EPA ID: CAR000198143
Shipment Date: 2020-06-09
Manifest Number: 021545812JJK
Line Number: 1
Method Code: H040
Quantity Tons: 0.11500
Quantity Waste: 230.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 331

Year: 2020
EM Manifest ID: 956407
Shipment Date: 12/30/2019
Receipt Date: 1/10/2020
Manifest Number: 021208735JJK
Generator EPA ID: CAR000198143
Name: GENERAL ATOMICS
Address: 11222 FLILNTEKOTE AVE
Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718
Contact: Jeff Ruhl
Contact Telephone: 760-489-5600
Transporter 1 EPA ID: CAR000070540
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MOD095038998
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: UTD981552177
TSDF Name: Clean Harbors Aragonite LLC
TSDF Address 1: PO Box 1339
TSDF Address 2: Not reported
TSDF City: Grantsville
TSDF Zip: 84029
TSDF Telephone: 800-483-3718

Federal:
Year: 2020
EM Manifest ID: 956407
Generator EPA ID: CAR000198143
Shipment Date: 2019-12-30
Manifest Number: 021208735JJK
Line Number: 1
Method Code: H040
Quantity Tons: 0.20000
Quantity Waste: 400.000000
Quantity Unit: P
Number of Containers: 2
Type of Container: Portable tanks
Quantity Type: Pounds

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Federal Code: D001

State:

Year: 2020
EM Manifest ID: 956407
Generator EPA ID: CAR000198143
Shipment Date: 2019-12-30
Manifest Number: 021208735JJK
Line Number: 1
Method Code: H040
Quantity Tons: 0.20000
Quantity Waste: 400.000000
Quantity Unit: P
Number of Containers: 2
Type of Container: Portable tanks
Quantity Type: Pounds
State Code: 343

Year: 2020
EM Manifest ID: 0475c927-9607-48e0-a042-fd5445b489c1
Shipment Date: 11/24/2020
Receipt Date: 12/3/2020
Manifest Number: 022183931JJK
Generator EPA ID: CAR000198143
Name: GENERAL ATOMICS
Address: FLINTKOTE AVE
Address 2: Not reported
City: SAN DIEGO
Zip: 92121-0000
Telephone: 888-785-7225
Contact: Not reported
Contact Telephone: 888-785-7225
Transporter 1 EPA ID: CAR000070540
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: OKR000031492
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: NVT330010000
TSDf Name: US ECOLOGY NEVADA, INC
TSDf Address 1: HWY 95 11 MI S OF BEATTY
TSDf Address 2: Not reported
TSDf City: BEATTY
TSDf Zip: 89003
TSDf Telephone: 800-839-3975

Federal:

Year: 2020
EM Manifest ID: 0475c927-9607-48e0-a042-fd5445b489c1
Generator EPA ID: CAR000198143
Shipment Date: 2020-11-24
Manifest Number: 022183931JJK
Line Number: 1
Method Code: H132
Quantity Tons: 3.90600
Quantity Waste: 930.000000
Quantity Unit: G
Number of Containers: 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Type of Container: Portable tanks
Quantity Type: Gallons
Federal Code: D007

State:

Year: 2020
EM Manifest ID: 0475c927-9607-48e0-a042-fd5445b489c1
Generator EPA ID: CAR000198143
Shipment Date: 2020-11-24
Manifest Number: 022183931JJK
Line Number: 1
Method Code: H132
Quantity Tons: 3.90600
Quantity Waste: 930.000000
Quantity Unit: G
Number of Containers: 3
Type of Container: Portable tanks
Quantity Type: Gallons
State Code: 135

Year: 2020
EM Manifest ID: ea189c17-503b-4b58-b2cb-4d7e20a613c5
Shipment Date: 11/10/2020
Receipt Date: 11/25/2020
Manifest Number: 022183638JJK
Generator EPA ID: CAR000198143
Name: GENERAL ATOMICS
Address: FLINTKOTE AVE
Address 2: Not reported
City: SAN DIEGO
Zip: 92121-0000
Telephone: 888-785-7225
Contact: Not reported
Contact Telephone: 888-785-7225
Transporter 1 EPA ID: CAR000070540
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: OKR000031492
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: NVT330010000
TSDf Name: US ECOLOGY NEVADA, INC
TSDf Address 1: HWY 95 11 MI S OF BEATTY
TSDf Address 2: Not reported
TSDf City: BEATTY
TSDf Zip: 89003
TSDf Telephone: 800-839-3975

Federal:

Year: 2020
EM Manifest ID: ea189c17-503b-4b58-b2cb-4d7e20a613c5
Generator EPA ID: CAR000198143
Shipment Date: 2020-11-10
Manifest Number: 022183638JJK
Line Number: 1
Method Code: H039
Quantity Tons: 0.03753
Quantity Waste: 9.000000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Quantity Unit: G
Number of Containers: 2
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Gallons
Federal Code: D002

State:
Year: 2020
EM Manifest ID: ea189c17-503b-4b58-b2cb-4d7e20a613c5
Generator EPA ID: CAR000198143
Shipment Date: 2020-11-10
Manifest Number: 022183638JJK
Line Number: 1
Method Code: H039
Quantity Tons: 0.03753
Quantity Waste: 9.000000
Quantity Unit: G
Number of Containers: 2
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Gallons
State Code: 791

Year: 2020
EM Manifest ID: 938474
Shipment Date: 1/14/2020
Receipt Date: 1/29/2020
Manifest Number: 021208645JJK
Generator EPA ID: CAR000198143
Name: GENERAL ATOMICS
Address: FLINTKOTE AVE
Address 2: Not reported
City: SAN DIEGO
Zip: 92121-0000
Telephone: 888-785-7225
Contact: Not reported
Contact Telephone: 858-455-2823
Transporter 1 EPA ID: CAR000070540
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAD072953771
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: NVT330010000
TSDF Name: US ECOLOGY NEVADA, INC
TSDF Address 1: HWY 95 11 MI S OF BEATTY
TSDF Address 2: Not reported
TSDF City: BEATTY
TSDF Zip: 89003
TSDF Telephone: 800-839-3975

Federal:
Year: 2020
EM Manifest ID: 938474
Generator EPA ID: CAR000198143
Shipment Date: 2020-01-14
Manifest Number: 021208645JJK
Line Number: 1
Method Code: H039

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Quantity Tons: 0.02085
Quantity Waste: 5.000000
Quantity Unit: G
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Gallons
Federal Code: D002

State:

Year: 2020
EM Manifest ID: 938474
Generator EPA ID: CAR000198143
Shipment Date: 2020-01-14
Manifest Number: 021208645JJK
Line Number: 1
Method Code: H039
Quantity Tons: 0.02085
Quantity Waste: 5.000000
Quantity Unit: G
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Gallons
State Code: 791

Year: 2020
EM Manifest ID: 938474
Generator EPA ID: CAR000198143
Shipment Date: 2020-01-14
Manifest Number: 021208645JJK
Line Number: 2
Method Code: H039
Quantity Tons: 0.72500
Quantity Waste: 1450.000000
Quantity Unit: P
Number of Containers: 3
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
State Code: 223

Detail Two:

Year: 2019
EM Manifest ID: 566953
Shipment Date: 8/16/2019
Receipt Date: 9/5/2019
Manifest Number: 020693111JJK
Generator EPA ID: CAR000198143
Name: GENERAL ATOMICS
Address: 11222 FLINTKOTE AVE
Address 2: Not reported
City: SAN DIEGO
Zip: 92121-0000
Telephone: 888-785-7225
Contact: Not reported
Contact Telephone: 858-455-2823
Transporter 1 EPA ID: CAR000070540

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAD072953771
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: NVT330010000
TSDf Name: US ECOLOGY NEVADA, INC
TSDf Address 1: HWY 95 11 MI S OF BEATTY
TSDf Address 2: Not reported
TSDf City: BEATTY
TSDf Zip: 89003
TSDf Telephone: 800-839-3975

Federal:

Year: 2019
EM Manifest ID: 566953
Generator EPA ID: CAR000198143
Shipment Date: 2019-08-16
Manifest Number: 020693111JJK
Line Number: 1
Method Code: H039
Quantity Tons: 0.02085
Quantity Waste: 5.000000
Quantity Unit: G
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Gallons
Federal Code: D002

State:

Year: 2019
EM Manifest ID: 566953
Generator EPA ID: CAR000198143
Shipment Date: 2019-08-16
Manifest Number: 020693111JJK
Line Number: 1
Method Code: H039
Quantity Tons: 0.02085
Quantity Waste: 5.000000
Quantity Unit: G
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Gallons
State Code: 791

Year: 2019
EM Manifest ID: 465765
Shipment Date: 7/19/2019
Receipt Date: 8/1/2019
Manifest Number: 020683603JJK
Generator EPA ID: CAR000198143
Name: GENERAL ATOMICS
Address: 11222 FLINTKOTE AVE
Address 2: Not reported
City: SAN DIEGO
Zip: 92121-0000
Telephone: 888-785-7225
Contact: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Contact Telephone: 858-455-2823
Transporter 1 EPA ID: CAR000070540
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAD072953771
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: NVT330010000
TSDF Name: US ECOLOGY NEVADA, INC
TSDF Address 1: HWY 95 11 MI S OF BEATTY
TSDF Address 2: Not reported
TSDF City: BEATTY
TSDF Zip: 89003
TSDF Telephone: 800-839-3975

Federal:

Year: 2019
EM Manifest ID: 465765
Generator EPA ID: CAR000198143
Shipment Date: 2019-07-19
Manifest Number: 020683603JJK
Line Number: 1
Method Code: H039
Quantity Tons: 0.04170
Quantity Waste: 10.000000
Quantity Unit: G
Number of Containers: 2
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Gallons
Federal Code: D002

Year: 2019
EM Manifest ID: 465765
Generator EPA ID: CAR000198143
Shipment Date: 2019-07-19
Manifest Number: 020683603JJK
Line Number: 2
Method Code: H039
Quantity Tons: 0.04170
Quantity Waste: 10.000000
Quantity Unit: G
Number of Containers: 2
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Gallons
Federal Code: D002

State:

Year: 2019
EM Manifest ID: 465765
Generator EPA ID: CAR000198143
Shipment Date: 2019-07-19
Manifest Number: 020683603JJK
Line Number: 1
Method Code: H039
Quantity Tons: 0.04170
Quantity Waste: 10.000000
Quantity Unit: G
Number of Containers: 2
Type of Container: Fiberboard or plastic drums, barrels, kegs

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Quantity Type: Gallons
State Code: 791

Year: 2019
EM Manifest ID: 465765
Generator EPA ID: CAR000198143
Shipment Date: 2019-07-19
Manifest Number: 020683603JJK
Line Number: 2
Method Code: H039
Quantity Tons: 0.04170
Quantity Waste: 10.000000
Quantity Unit: G
Number of Containers: 2
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Gallons
State Code: 122

Year: 2019
EM Manifest ID: 758960
Shipment Date: 6/18/2019
Receipt Date: 7/8/2019
Manifest Number: 020694249JJK
Generator EPA ID: CAR000198143
Name: GENERAL ATOMICS
Address: 11222 FLINTKOTE AVE
Address 2: Not reported
City: SAN DIEGO
Zip: 92121-0000
Telephone: 888-785-7225
Contact: Not reported
Contact Telephone: 858-455-2823
Transporter 1 EPA ID: CAR000070540
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAD072953771
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: NVT330010000
TSDf Name: US ECOLOGY NEVADA, INC
TSDf Address 1: HWY 95 11 MI S OF BEATTY
TSDf Address 2: Not reported
TSDf City: BEATTY
TSDf Zip: 89003
TSDf Telephone: 800-839-3975

Federal:
Year: 2019
EM Manifest ID: 758960
Generator EPA ID: CAR000198143
Shipment Date: 2019-06-18
Manifest Number: 020694249JJK
Line Number: 1
Method Code: H039
Quantity Tons: 0.06255
Quantity Waste: 15.000000
Quantity Unit: G
Number of Containers: 3
Type of Container: Fiberboard or plastic drums, barrels, kegs

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Quantity Type: Gallons
Federal Code: D002

State:
Year: 2019
EM Manifest ID: 758960
Generator EPA ID: CAR000198143
Shipment Date: 2019-06-18
Manifest Number: 020694249JJK
Line Number: 1
Method Code: H039
Quantity Tons: 0.06255
Quantity Waste: 15.000000
Quantity Unit: G
Number of Containers: 3
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Gallons
State Code: 791

Year: 2019
EM Manifest ID: 456601
Shipment Date: 6/18/2019
Receipt Date: 7/30/2019
Manifest Number: 020694250JJK
Generator EPA ID: CAR000198143
Name: GENERAL ATOMICS-FLINTKOTE
Address: 11222 FLINTKOTE AVENUE
Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 877-818-0087
Contact: Not reported
Contact Telephone: 760-877-0122
Transporter 1 EPA ID: CAR000070540
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: NJD080631369
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: TXD000838896
TSDf Name: VEOLIA ES TECHNICAL SOLUTIONS
TSDf Address 1: 7665 HWY 73
TSDf Address 2: Not reported
TSDf City: PORT ARTHUR
TSDf Zip: 77640-2563
TSDf Telephone: Not reported

State:
Year: 2019
EM Manifest ID: 456601
Generator EPA ID: CAR000198143
Shipment Date: 2019-06-18
Manifest Number: 020694250JJK
Line Number: 1
Method Code: H040
Quantity Tons: 0.01100
Quantity Waste: 22.000000
Quantity Unit: P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 352

Year: 2019
EM Manifest ID: 768367
Shipment Date: 5/17/2019
Receipt Date: 5/31/2019
Manifest Number: 019929778JJK
Generator EPA ID: CAR000198143
Name: GENERAL ATOMICS
Address: 11222 FLINTKOTE AVE
Address 2: Not reported
City: SAN DIEGO
Zip: 92121-0000
Telephone: 888-785-7225
Contact: Not reported
Contact Telephone: 858-455-2823
Transporter 1 EPA ID: CAR000070540
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAD072953771
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: NVT330010000
TSDf Name: US ECOLOGY NEVADA, INC
TSDf Address 1: HWY 95 11 MI S OF BEATTY
TSDf Address 2: Not reported
TSDf City: BEATTY
TSDf Zip: 89003
TSDf Telephone: 800-839-3975

Federal:
Year: 2019
EM Manifest ID: 768367
Generator EPA ID: CAR000198143
Shipment Date: 2019-05-17
Manifest Number: 019929778JJK
Line Number: 1
Method Code: H039
Quantity Tons: 0.02085
Quantity Waste: 5.000000
Quantity Unit: G
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Gallons
Federal Code: D002

State:
Year: 2019
EM Manifest ID: 768367
Generator EPA ID: CAR000198143
Shipment Date: 2019-05-17
Manifest Number: 019929778JJK
Line Number: 1
Method Code: H039
Quantity Tons: 0.02085

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Quantity Waste: 5.000000
Quantity Unit: G
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Gallons
State Code: 791

Year: 2019
EM Manifest ID: 768367
Generator EPA ID: CAR000198143
Shipment Date: 2019-05-17
Manifest Number: 019929778JJK
Line Number: 2
Method Code: H039
Quantity Tons: 0.75000
Quantity Waste: 1500.000000
Quantity Unit: P
Number of Containers: 6
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
State Code: 223

Year: 2019
EM Manifest ID: 379189
Shipment Date: 4/16/2019
Receipt Date: 5/7/2019
Manifest Number: 019930376JJK
Generator EPA ID: CAR000198143
Name: GENERAL ATOMICS-FLINTKOTE
Address: 11222 FLINTKOTE AVENUE
Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 877-818-0087
Contact: Not reported
Contact Telephone: 760-877-0122
Transporter 1 EPA ID: CAR000070540
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: NJD080631369
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: TXD000838896
TSDf Name: VEOLIA ES TECHNICAL SOLUTIONS
TSDf Address 1: 7665 HWY 73
TSDf Address 2: Not reported
TSDf City: PORT ARTHUR
TSDf Zip: 77640-2563
TSDf Telephone: Not reported

State:
Year: 2019
EM Manifest ID: 379189
Generator EPA ID: CAR000198143
Shipment Date: 2019-04-16
Manifest Number: 019930376JJK
Line Number: 1
Method Code: H040
Quantity Tons: 0.04400

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Quantity Waste: 88.000000
Quantity Unit: P
Number of Containers: 2
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 352

Year: 2019
EM Manifest ID: 628966
Shipment Date: 4/16/2019
Receipt Date: 5/6/2019
Manifest Number: 019930380JJK
Generator EPA ID: CAR000198143
Name: GENERAL ATOMICS
Address: 11222 FLINTKOTE AVE
Address 2: Not reported
City: SAN DIEGO
Zip: 92121-0000
Telephone: 888-785-7225
Contact: Not reported
Contact Telephone: 858-455-2823
Transporter 1 EPA ID: CAR000070540
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAR000187922
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: NVT330010000
TSDf Name: US ECOLOGY NEVADA, INC
TSDf Address 1: HWY 95 11 MI S OF BEATTY
TSDf Address 2: Not reported
TSDf City: BEATTY
TSDf Zip: 89003
TSDf Telephone: 800-839-3975

Federal:

Year: 2019
EM Manifest ID: 628966
Generator EPA ID: CAR000198143
Shipment Date: 2019-04-16
Manifest Number: 019930380JJK
Line Number: 1
Method Code: H039
Quantity Tons: 0.68805
Quantity Waste: 165.000000
Quantity Unit: G
Number of Containers: 3
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Gallons
Federal Code: D002

State:

Year: 2019
EM Manifest ID: 628966
Generator EPA ID: CAR000198143
Shipment Date: 2019-04-16
Manifest Number: 019930380JJK
Line Number: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Method Code: H039
Quantity Tons: 0.68805
Quantity Waste: 165.000000
Quantity Unit: G
Number of Containers: 3
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Gallons
State Code: 791

Year: 2019
EM Manifest ID: 628966
Generator EPA ID: CAR000198143
Shipment Date: 2019-04-16
Manifest Number: 019930380JJK
Line Number: 2
Method Code: H039
Quantity Tons: 0.58800
Quantity Waste: 140.000000
Quantity Unit: G
Number of Containers: 3
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Gallons
State Code: 135

Detail Two:

Year: 2018
EM Manifest ID: 017614330JJK20170808_D_1
Shipment Date: 8/8/2017
Receipt Date: 8/22/2017
Manifest Number: 017614330JJK
Generator EPA ID: CAR000198143
Name: GENERAL ATOMICS
Address: Not reported
Address 2: Not reported
City: Not reported
Zip: Not reported
Telephone: Not reported
Contact: Not reported
Contact Telephone: Not reported
Transporter 1 EPA ID: CAR000070540
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAD053866794
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: NVT330010000
TSDf Name: US ECOLOGY NEVADA INC
TSDf Address 1: Not reported
TSDf Address 2: Not reported
TSDf City: Not reported
TSDf Zip: Not reported
TSDf Telephone: Not reported

Federal:

Year: 2018
EM Manifest ID: 017614330JJK20170808_D_1
Generator EPA ID: CAR000198143
Shipment Date: 2017-08-08

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Manifest Number: 017614330JJK
Line Number: 1
Method Code: H039
Quantity Tons: 0.06255
Quantity Waste: 15.000000
Quantity Unit: G
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
Federal Code: D002

State:

Year: 2018
EM Manifest ID: 017614330JJK20170808_D_1
Generator EPA ID: CAR000198143
Shipment Date: 2017-08-08
Manifest Number: 017614330JJK
Line Number: 1
Method Code: H039
Quantity Tons: 0.06255
Quantity Waste: 15.000000
Quantity Unit: G
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
State Code: 791

Year: 2018
EM Manifest ID: 108087
Shipment Date: 8/31/2018
Receipt Date: 9/7/2018
Manifest Number: 019218230JJK
Generator EPA ID: CAR000198143
Name: GENERAL ATOMIC-ASI #41
Address: 11222 FLINTKOTE AVE
Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718
Contact: Rich Asher
Contact Telephone: 858-455-2000
Transporter 1 EPA ID: CAR000070540
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MOD095038998
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: CAD044429835
TSDF Name: Clean Harbors Wilmington LLC
TSDF Address 1: 1737 East Denni Street
TSDF Address 2: Not reported
TSDF City: Wilmington
TSDF Zip: 90744
TSDF Telephone: 800-483-3718

State:

Year: 2018
EM Manifest ID: 108087

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Generator EPA ID: CAR000198143
Shipment Date: 2018-08-31
Manifest Number: 019218230JJK
Line Number: 1
Method Code: H141
Quantity Tons: 0.03150
Quantity Waste: 63.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 331

Year: 2018
EM Manifest ID: 018479908JJK20180316_D_1
Shipment Date: 3/16/2018
Receipt Date: 4/9/2018
Manifest Number: 018479908JJK
Generator EPA ID: CAR000198143
Name: GENERAL ATOMICS
Address: Not reported
Address 2: Not reported
City: Not reported
Zip: Not reported
Telephone: Not reported
Contact: Not reported
Contact Telephone: Not reported
Transporter 1 EPA ID: CAR000070540
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: ARD069748192
TSDf Name: CLEAN HARBORS EL DORADO LLC
TSDf Address 1: Not reported
TSDf Address 2: Not reported
TSDf City: Not reported
TSDf Zip: Not reported
TSDf Telephone: Not reported

Federal:

Year: 2018
EM Manifest ID: 018479908JJK20180316_D_1
Generator EPA ID: CAR000198143
Shipment Date: 2018-03-16
Manifest Number: 018479908JJK
Line Number: 1
Method Code: H040
Quantity Tons: 0.05004
Quantity Waste: 12.000000
Quantity Unit: G
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
Federal Code: D002

State:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Year: 2018
EM Manifest ID: 018479908JJK20180316_D_1
Generator EPA ID: CAR000198143
Shipment Date: 2018-03-16
Manifest Number: 018479908JJK
Line Number: 1
Method Code: H040
Quantity Tons: 0.05004
Quantity Waste: 12.000000
Quantity Unit: G
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
State Code: 791

Additional Info:

Year: 2017
Gen EPA ID: CAR000198143

Shipment Date: 20171212
Creation Date: 11/2/2018 18:30:25
Receipt Date: 20171220
Manifest ID: 017612192JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
RCRA Code: F005
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0792
Waste Quantity: 24
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D035
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171212
Creation Date: 11/2/2018 18:30:25
Receipt Date: 20171220
Manifest ID: 017612192JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Waste Code Description: 513 - Empty containers less than 30 gallons
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.039
Waste Quantity: 78
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported
Shipment Date: 20171114
Creation Date: 6/13/2018 18:31:31
Receipt Date: 20171122
Manifest ID: 017613213JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.1845
Waste Quantity: 369
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported
Shipment Date: 20171114
Creation Date: 7/17/2018 18:30:34
Receipt Date: 20171205
Manifest ID: 017613214JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: ARD981057870
Trans Name: RINECO CHEMICAL INDUSTRIES INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: F002
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171027
Creation Date:	10/18/2018 18:30:14
Receipt Date:	20171108
Manifest ID:	017613071JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0495
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171010
Creation Date:	9/29/2018 18:30:10
Receipt Date:	20171018
Manifest ID:	017611777JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171010
Creation Date:	9/29/2018 18:30:10

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Receipt Date: 20171018
Manifest ID: 017611777JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.003
Waste Quantity: 6
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171010
Creation Date: 9/29/2018 18:30:10
Receipt Date: 20171018
Manifest ID: 017611777JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0065
Waste Quantity: 13
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171010
Creation Date: 9/29/2018 18:30:10
Receipt Date: 20171018
Manifest ID: 017611777JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627

Map ID
Direction
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Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

GENERAL ATOMICS (Continued)

1012175986

Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0055
Waste Quantity: 11
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171010
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 017611777JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.021
Waste Quantity: 42
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2016
Gen EPA ID: CAR000198143

Shipment Date: 20151208
Creation Date: 9/27/2016 18:30:52
Receipt Date: 20151221
Manifest ID: 014957262JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: CAD053866794
Trans 2 Name: PATRICT ENV
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Waste Code Description: 352 - Other organic solids
RCRA Code: F005
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.032
Waste Quantity: 64
Quantity Unit: P
Additional Code 1: F003
Additional Code 2: F002
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported
Shipment Date: 20151208
Creation Date: 9/27/2016 18:30:52
Receipt Date: 20151211
Manifest ID: 014957263JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY NEVADA INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 122 - Alkaline solution without metals (pH > 12.5)
RCRA Code: D002
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.47955
Waste Quantity: 115
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported
Shipment Date: 20151208
Creation Date: 9/27/2016 18:30:52
Receipt Date: 20151221
Manifest ID: 014957274JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: CAD053866794
Trans 2 Name: PATRICT ENV
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F005
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0385
Waste Quantity: 77
Quantity Unit: P

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Additional Code 1:	F003
Additional Code 2:	F002
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	9/27/2016 18:30:52
Receipt Date:	20151211
Manifest ID:	014957263JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.01251
Waste Quantity:	3
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	9/27/2016 18:30:52
Receipt Date:	20151221
Manifest ID:	014957262JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	CAD053866794
Trans 2 Name:	PATRICK ENV
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.165
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Creation Date: 9/27/2016 18:30:52
Receipt Date: 20151221
Manifest ID: 014957262JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: CAD053866794
Trans 2 Name: PATRICT ENV
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0825
Waste Quantity: 165
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151117
Creation Date: 1/21/2016 22:16:16
Receipt Date: 20151119
Manifest ID: 014957896JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 2.73
Waste Quantity: 650
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151117
Creation Date: 1/21/2016 22:16:16
Receipt Date: 20151119
Manifest ID: 014957896JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2919
Waste Quantity:	70
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151117
Creation Date:	1/21/2016 22:16:16
Receipt Date:	20151119
Manifest ID:	014957896JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	2.1
Waste Quantity:	500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151117
Creation Date:	6/10/2016 18:32:33
Receipt Date:	20151208
Manifest ID:	014957897JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO CHEMICAL INDUSTRIES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Quantity Tons: 1.68
Waste Quantity: 400
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2015
Gen EPA ID: CAR000198143

Shipment Date: 20151208
Creation Date: 9/27/2016 18:30:52
Receipt Date: 20151211
Manifest ID: 014957263JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NVT330010000
Trans Name: US ECOLOGY NEVADA INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 122 - Alkaline solution without metals (pH > 12.5)
RCRA Code: D002
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect

Quantity Tons: 0.47955
Waste Quantity: 115
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151208
Creation Date: 9/27/2016 18:30:52
Receipt Date: 20151211
Manifest ID: 014957263JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NVT330010000
Trans Name: US ECOLOGY NEVADA INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 123 - Unspecified alkaline solution
RCRA Code: D008
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As
Landfill(To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: 0.01251
Waste Quantity: 3
Quantity Unit: G

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	9/27/2016 18:30:52
Receipt Date:	20151221
Manifest ID:	014957262JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	CAD053866794
Trans 2 Name:	PATRICK ENV
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.165
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	9/27/2016 18:30:52
Receipt Date:	20151221
Manifest ID:	014957262JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	CAD053866794
Trans 2 Name:	PATRICK ENV
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.032
Waste Quantity:	64
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	F002
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Creation Date: 9/27/2016 18:30:52
Receipt Date: 20151221
Manifest ID: 014957274JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: CAD053866794
Trans 2 Name: PATRICT ENV
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F005
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0385
Waste Quantity: 77
Quantity Unit: P
Additional Code 1: F003
Additional Code 2: F002
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151208
Creation Date: 9/27/2016 18:30:52
Receipt Date: 20151221
Manifest ID: 014957262JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: CAD053866794
Trans 2 Name: PATRICT ENV
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0825
Waste Quantity: 165
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151117
Creation Date: 1/21/2016 22:16:16
Receipt Date: 20151119
Manifest ID: 014957896JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2919
Waste Quantity:	70
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151117
Creation Date:	6/10/2016 18:32:33
Receipt Date:	20151208
Manifest ID:	014957897JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO CHEMICAL INDUSTRIES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	1.68
Waste Quantity:	400
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151117
Creation Date:	1/21/2016 22:16:16
Receipt Date:	20151119
Manifest ID:	014957896JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Quantity Tons: 2.73
Waste Quantity: 650
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151117
Creation Date: 1/21/2016 22:16:16
Receipt Date: 20151119
Manifest ID: 014957896JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 2.1
Waste Quantity: 500
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2014
Gen EPA ID: CAR000198143

Shipment Date: 20141111
Creation Date: 1/26/2015 22:15:11
Receipt Date: 20141113
Manifest ID: 013818026JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.115
Waste Quantity: 230
Quantity Unit: P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141111
Creation Date:	6/26/2015 22:15:41
Receipt Date:	20141205
Manifest ID:	013818028JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDf EPA ID:	ARD981057870
Trans Name:	RINECO CHEMICAL INDUSTRIES INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	F002
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141111
Creation Date:	5/7/2015 22:15:07
Receipt Date:	20141216
Manifest ID:	013818027JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.81
Waste Quantity:	1620
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141014
Creation Date:	6/25/2015 22:15:29

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Receipt Date: 20141027
Manifest ID: 013744714JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F005
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0625
Waste Quantity: 125
Quantity Unit: P
Additional Code 1: F003
Additional Code 2: F002
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20141014
Creation Date: 6/25/2015 22:15:29
Receipt Date: 20141027
Manifest ID: 013744716JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.209
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20141014
Creation Date: 6/25/2015 22:15:29
Receipt Date: 20141027
Manifest ID: 013744716JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1875
Waste Quantity:	375
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140916
Creation Date:	3/5/2015 22:15:08
Receipt Date:	20140929
Manifest ID:	012947568JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0435
Waste Quantity:	87
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	F002
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140916
Creation Date:	3/5/2015 22:15:08
Receipt Date:	20141007
Manifest ID:	012947897JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Quantity Tons:	0.02085
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140909
Creation Date:	6/24/2015 22:15:33
Receipt Date:	20140924
Manifest ID:	012947830JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDf EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140909
Creation Date:	6/24/2015 22:15:33
Receipt Date:	20140924
Manifest ID:	012947830JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDf EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1135
Waste Quantity:	227
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Additional Code 5: Not reported

Additional Info:

Year: 2013
Gen EPA ID: CAR000198143

Shipment Date: 20131210
Creation Date: 5/17/2014 22:15:09
Receipt Date: 20131226
Manifest ID: 011849524JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.152
Waste Quantity: 40
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20131210
Creation Date: 5/17/2014 22:15:09
Receipt Date: 20131226
Manifest ID: 011849524JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
RCRA Code: F005
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.231
Waste Quantity: 70
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D035
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20131210

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Creation Date: 5/14/2014 22:15:08
Receipt Date: 20131231
Manifest ID: 011849525JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY NEVADA INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 122 - Alkaline solution without metals (pH > 12.5
RCRA Code: D002
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Quantity Tons: 0.0417
Waste Quantity: 10
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported
Shipment Date: 20131210
Creation Date: 5/17/2014 22:15:09
Receipt Date: 20131226
Manifest ID: 011849522JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F005
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.035
Waste Quantity: 70
Quantity Unit: P
Additional Code 1: F003
Additional Code 2: F002
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported
Shipment Date: 20131122
Creation Date: 4/24/2014 22:15:08
Receipt Date: 20131209
Manifest ID: 004226452JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

GENERAL ATOMICS (Continued)

1012175986

TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.323
Waste Quantity: 85
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20131112
Creation Date: 12/23/2013 22:15:27
Receipt Date: 20131114
Manifest ID: 010166427JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.125
Waste Quantity: 250
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20131112
Creation Date: 4/24/2014 22:15:08
Receipt Date: 20131130
Manifest ID: 010166426JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.133
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131112
Creation Date:	5/17/2014 22:15:09
Receipt Date:	20131130
Manifest ID:	010166428JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDf EPA ID:	ARD981057870
Trans Name:	RINECO CHEMICAL INDUSTRIES INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.21
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131015
Creation Date:	3/12/2014 22:15:10
Receipt Date:	20131031
Manifest ID:	011851248JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0456
Waste Quantity:	12
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Additional Code 5: Not reported

Shipment Date: 20131015
Creation Date: 4/7/2014 22:15:17
Receipt Date: 20131105
Manifest ID: 011851249JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY NEVADA INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D002
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect

Quantity Tons: 0.06255
Waste Quantity: 15
Quantity Unit: G

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2012
Gen EPA ID: CAR000198143

Shipment Date: 20121220
Creation Date: 3/15/2013 22:15:27
Receipt Date: 20130109
Manifest ID: 010166240JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENVIROMENTAL SERVICES INC
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 123 - Unspecified alkaline solution
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 11.8845
Waste Quantity: 2850
Quantity Unit: G

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20121218

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Creation Date: 3/15/2013 22:15:27
Receipt Date: 20130108
Manifest ID: 010166209JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENVIROMENTAL SERVICES INC
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.21
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20121211
Creation Date: 5/8/2013 22:15:17
Receipt Date: 20121231
Manifest ID: 010166108JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY NEVADA INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D002
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect

Quantity Tons: 0.02085
Waste Quantity: 5
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20121211
Creation Date: 8/22/2013 22:15:07
Receipt Date: 20121224
Manifest ID: 010166112JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F005
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.03
Waste Quantity: 60
Quantity Unit: P
Additional Code 1: F003
Additional Code 2: F002
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20121211
Creation Date: 8/22/2013 22:15:07
Receipt Date: 20121224
Manifest ID: 010166106JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.19
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20121211
Creation Date: 8/22/2013 22:15:07
Receipt Date: 20121224
Manifest ID: 010166106JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F005
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.215
Waste Quantity:	430
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	F002
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121127
Creation Date:	4/15/2013 22:15:20
Receipt Date:	20121210
Manifest ID:	010165472JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.38
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121127
Creation Date:	2/14/2013 22:15:16
Receipt Date:	20121218
Manifest ID:	010165473JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.14595
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20121127
Creation Date: 4/15/2013 22:15:20
Receipt Date: 20121210
Manifest ID: 010165472JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: Not reported
Waste Quantity: Not reported
Quantity Unit: Not reported
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20121113
Creation Date: 1/19/2013 22:15:23
Receipt Date: 20121115
Manifest ID: 010165341JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.085
Waste Quantity: 170
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: GENERAL ATOMICS
Address: 11222 FLINTKOTE AVE
Address 2: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GENERAL ATOMICS (Continued)

1012175986

City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAR000198143
 Inactive Date: Not reported
 Create Date: 02/02/2009
 Last Act Date: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 85608
 Mailing Address 2: Not reported
 Mailing City,State,Zip: SAN DIEGO, CA 92186
 Owner Name: GENERAL ATOMICS
 Owner Address: 3550 GENERAL ATOMICS CT
 Owner Address 2: Not reported
 Owner City,State,Zip: SAN DIEGO, CA 921211122
 Contact Name: MARGARET GREGORY
 Contact Address: 3550 GENERAL ATOMICS CRT.
 Contact Address 2: Not reported
 City,State,Zip: SAN DIEGO, CA 921212127
 Facility Status: Active
 Facility Type: PERMANENT
 Category: FEDERAL
 Latitude: 32.905261
 Longitude: -117.232406

J74
South
1/8-1/4
0.178 mi.
939 ft.

KALYRA PHARMACEUTICALS INC
10835 ROAD TO THE CURE STE 205
SAN DIEGO, CA 92121
Site 1 of 14 in cluster J

RCRA NonGen / NLR 1024853435
CAL000413220

Relative:
Higher
Actual:
316 ft.

RCRA Listings:
 Date Form Received by Agency: 20220209
 Handler Name: KALYRA PHARMACEUTICALS INC
 Handler Address: 10835 ROAD TO THE CURE STE 205
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000413220
 Contact Name: KERRI ANDERSON
 Contact Address: SCIENCE CENTER DR STE 200
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 909-731-7435
 Contact Fax: Not reported
 Contact Email: KANDERSON@ZENTALIS.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: SCIENCE CENTER DR STE 200
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: Not reported
 Owner Type: Not reported
 Operator Name: KALYRA PHARMACEUTICALS INC
 Operator Type: Other
 Short-Term Generator Activity: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

KALYRA PHARMACEUTICALS INC (Continued)

1024853435

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220209
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

KALYRA PHARMACEUTICALS INC (Continued)

1024853435

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: KALYRA PHARMACEUTICALS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10275 SCIENCE CENTER DR STE 200
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 909-731-7435
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: KALYRA PHARMACEUTICALS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10835 ROAD TO THE CURE STE 205
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121-1123
Owner/Operator Telephone: 858-263-4333
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KEVIN BUNKER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10835 ROAD TO THE CURE
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-263-4333
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20220209
Handler Name: KALYRA PHARMACEUTICALS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20151215
Handler Name: KALYRA PHARMACEUTICALS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

KALYRA PHARMACEUTICALS INC (Continued)

1024853435

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	541711
NAICS Description:	RESEARCH AND DEVELOPMENT IN BIOTECHNOLOGY

Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
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J75
South
1/8-1/4
0.178 mi.
939 ft.

MOLECULAR STETHOSCOPE INC
10835 ROAD TO THE CURE STE 100
SAN DIEGO, CA 92121

RCRA NonGen / NLR **1024851722**
CAL000410352

Site 2 of 14 in cluster J

Relative:
Higher
Actual:
316 ft.

RCRA Listings:	
Date Form Received by Agency:	20190404
Handler Name:	MOLECULAR STETHOSCOPE INC
Handler Address:	10835 ROAD TO THE CURE STE 100
Handler City,State,Zip:	SAN DIEGO, CA 92121
EPA ID:	CAL000410352
Contact Name:	JONATHAN ABALLI
Contact Address:	10835 ROAD TO THE CURE STE 100
Contact City,State,Zip:	SAN DIEGO, CA 92121
Contact Telephone:	858-500-8187
Contact Fax:	858-500-8302
Contact Email:	JABALLI@MOLECULARSTETHOSCOPE.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	10835 ROAD TO THE CURE
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	MOLECULAR STETHOSCOPE INC
Owner Type:	Other
Operator Name:	JONATHAN ABALLI
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

MOLECULAR STETHOSCOPE INC (Continued)

1024851722

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190415
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:
 Owner/Operator Indicator: Owner
 Owner/Operator Name: MOLECULAR STETHOSCOPE INC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

MOLECULAR STETHOSCOPE INC (Continued)

1024851722

Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10835 ROAD TO THE CURE STE 100
Owner/Operator City, State, Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-500-8500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JONATHAN ABALLI
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10835 ROAD TO THE CURE STE 100
Owner/Operator City, State, Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-500-8187
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20190404
Handler Name: MOLECULAR STETHOSCOPE INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 54194
NAICS Description: VETERINARY SERVICES

NAICS Code: 621512
NAICS Description: DIAGNOSTIC IMAGING CENTERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

J76 ASPEN NEUROSCIENCE RCRA NonGen / NLR 1025873563
South 10835 ROAD TO THE CURE STE 100
1/8-1/4 SAN DIEGO, CA 92122 CAL000446689
0.178 mi. Site 3 of 14 in cluster J
939 ft.

**Relative:
 Higher**

RCRA Listings: 20190617
 Date Form Received by Agency: 20190617
 Handler Name: ASPEN NEUROSCIENCE
 Handler Address: 10835 ROAD TO THE CURE STE 100
 Handler City,State,Zip: SAN DIEGO, CA 92122
 EPA ID: CAL000446689
 Contact Name: CANDACE LYNCH
 Contact Address: 10835 ROAD TO THE CURE STE 100
 Contact City,State,Zip: SAN DIEGO, CA 92122
 Contact Telephone: 619-944-9046
 Contact Fax: Not reported
 Contact Email: CLYNCH@ASPENNEURO.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 10835 ROAD TO THE CURE STE 100
 Mailing City,State,Zip: SAN DIEGO, CA 92122
 Owner Name: KIM KAMDAR
 Owner Type: Other
 Operator Name: CANDACE LYNCH
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: Yes
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: Yes
 Universal Waste Destination Facility: Yes
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPRA Permit Baseline: Not on the Baseline
 2018 GPRA Renewals Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not reported

**Actual:
 316 ft.**

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

ASPEN NEUROSCIENCE (Continued)

1025873563

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190628
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: KIM KAMDAR	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10835 ROAD TO THE CURE STE 100
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92122
Owner/Operator Telephone:	858-336-4772
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: CANDACE LYNCH	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10835 ROAD TO THE CURE STE 100
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92122
Owner/Operator Telephone:	619-944-9046
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

ASPEN NEUROSCIENCE (Continued)

1025873563

Historic Generators:

Receive Date:	20190617
Handler Name:	ASPEN NEUROSCIENCE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	541715
NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
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J77
South
1/8-1/4
0.178 mi.
939 ft.

NEUROPORE THERAPIES INC
10835 ROAD TO THE CURE STE 210
SAN DIEGO, CA 92121
Site 4 of 14 in cluster J

RCRA NonGen / NLR **1024830237**
CAL000364991

Relative:
Higher
Actual:
316 ft.

RCRA Listings:	
Date Form Received by Agency:	20110627
Handler Name:	NEUROPORE THERAPIES INC
Handler Address:	10835 ROAD TO THE CURE STE 210
Handler City,State,Zip:	SAN DIEGO, CA 92121-1123
EPA ID:	CAL000364991
Contact Name:	EMILY STOCKING
Contact Address:	10835 ROAD TO THE CURE STE 230
Contact City,State,Zip:	SAN DIEGO, CA 92121
Contact Telephone:	858-273-1831
Contact Fax:	858-273-1839
Contact Email:	EMILY.STOCKING@NEUROPORE.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	10835 ROAD TO THE CURE STE 230
Mailing City,State,Zip:	SAN DIEGO, CA 92121-1123

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

NEUROPORE THERAPIES INC (Continued)

1024830237

Owner Name:	NEUROPORE THERAPIES, INC.	
Owner Type:		Other
Operator Name:	EMILY STOCKING	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDs Where RCRA CA has Been Imposed Universe:		No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSD Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20180906
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

NEUROPORE THERAPIES INC (Continued)

1024830237

Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: NEUROPORE THERAPIES, INC.
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NEUROPORE THERAPIES, INC.
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121-1123
Owner/Operator Telephone: 858-273-1831
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: EMILY STOCKING
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10835 ROAD TO THE CURE STE 230
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-273-1831
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20110627
Handler Name: NEUROPORE THERAPIES INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 54171
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

J78 **PERSEPHONE BIOSCIENCES, INC.** **CA CERS HAZ WASTE** **S128861737**
South **10835 ROAD TO THE CURE STE 150**
1/8-1/4 **SAN DIEGO, CA 92121** **N/A**
0.178 mi.
939 ft. **Site 5 of 14 in cluster J**

Relative: CERS HAZ WASTE:
Higher Name: PERSEPHONE BIOSCIENCES, INC.
Actual: Address: 10835 ROAD TO THE CURE STE 150
316 ft. City,State,Zip: SAN DIEGO, CA 92121
Site ID: 612794
CERS ID: 10489165
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 612794
Site Name: Persephone Biosciences, Inc.
Violation Date: 04-27-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 05/17/2018. Inspection Sequence ID:5957144
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 612794
Site Name: Persephone Biosciences, Inc.
Violation Date: 04-27-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 05/17/2018. Inspection Sequence ID:5957144
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 612794
Site Name: Persephone Biosciences, Inc.
Violation Date: 04-27-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 05/17/2018. Inspection Sequence ID:5957144
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-27-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5957144

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

PERSEPHONE BIOSCIENCES, INC. (Continued)

S128861737

Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-27-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5957144
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Legal Owner
Entity Name: Persephone Biosciences, Inc.
Entity Title: Not reported
Affiliation Address: 10835 Road to the Cure Ste 150
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 232-8733,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Environmental Contact
Entity Name: Stephen Van Dien
Entity Title: Not reported
Affiliation Address: 10835 Road to the Cure Ste 150
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Occupational Services, Inc. (OSI) - JT
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Stephen Van Dien
Entity Title: Chief Technology Officer

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

Site

Database(s)

PERSEPHONE BIOSCIENCES, INC. (Continued)

S128861737

Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
 Entity Name: Persephone Biosciences, Inc.
 Entity Title: Not reported
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
 Entity Name: Mailing Address
 Entity Title: Not reported
 Affiliation Address: 10835 Road to the Cure Ste 150
 Affiliation City: San Diego
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 92121
 Affiliation Phone: ,

Affiliation Type Desc: Operator
 Entity Name: Persephone Biosciences, Inc.
 Entity Title: Not reported
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: (858) 232-8733,

J79
 South
 1/8-1/4
 0.178 mi.
 939 ft.

ABIDE THERAPEUTICS INC
10835 ROAD TO THE CURE STE 250
SAN DIEGO, CA 92121

RCRA NonGen / NLR **1024846783**
CAL000401191

Site 6 of 14 in cluster J

Relative:
Higher
Actual:
316 ft.

RCRA Listings:
 Date Form Received by Agency: 20141009
 Handler Name: ABIDE THERAPEUTICS INC
 Handler Address: 10835 ROAD TO THE CURE STE 250
 Handler City,State,Zip: SAN DIEGO, CA 92121-1108
 EPA ID: CAL000401191
 Contact Name: JAKE WIENER
 Contact Address: 10835 ROAD TO THE CURE
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-427-2509
 Contact Fax: 000-000-0000
 Contact Email: JAKE@ABIDETX.COM
 Contact Title: Not reported
 EPA Region: 09

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

ABIDE THERAPEUTICS INC (Continued)

1024846783

Land Type:	Not reported	
Federal Waste Generator Description:	Not a generator, verified	
Non-Notifier:	Not reported	
Biennial Report Cycle:	Not reported	
Accessibility:	Not reported	
Active Site Indicator:	Handler Activities	
State District Owner:	Not reported	
State District:	Not reported	
Mailing Address:	10835 ROAD TO THE CURE STE 250	
Mailing City,State,Zip:	SAN DIEGO, CA 92121-1108	
Owner Name:	ABIDE THERAPEUTICS INC	
Owner Type:	Other	
Operator Name:	JAKE WIENER	
Operator Type:	Other	
Short-Term Generator Activity:	No	
Importer Activity:	No	
Mixed Waste Generator:	No	
Transporter Activity:	No	
Transfer Facility Activity:	No	
Recycler Activity with Storage:	No	
Small Quantity On-Site Burner Exemption:	No	
Smelting Melting and Refining Furnace Exemption:	No	
Underground Injection Control:	No	
Off-Site Waste Receipt:	No	
Universal Waste Indicator:	Yes	
Universal Waste Destination Facility:	Yes	
Federal Universal Waste:	No	
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported	
Active Site Converter Treatment storage and Disposal Facility:	Not reported	
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported	
Active Site State-Reg Handler:	---	
Federal Facility Indicator:	Not reported	
Hazardous Secondary Material Indicator:	N	
Sub-Part K Indicator:	Not reported	
Commercial TSD Indicator:	No	
Treatment Storage and Disposal Type:	Not reported	
2018 GPRA Permit Baseline:	Not on the Baseline	
2018 GPRA Renewals Baseline:	Not on the Baseline	
Permit Renewals Workload Universe:	Not reported	
Permit Workload Universe:	Not reported	
Permit Progress Universe:	Not reported	
Post-Closure Workload Universe:	Not reported	
Closure Workload Universe:	Not reported	
202 GPRA Corrective Action Baseline:	No	
Corrective Action Workload Universe:	No	
Subject to Corrective Action Universe:	No	
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No	
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No	
TSDFs Only Subject to CA under Discretionary Auth Universe:	No	
Corrective Action Priority Ranking:	No NCAPS ranking	
Environmental Control Indicator:	No	
Institutional Control Indicator:	No	
Human Exposure Controls Indicator:	N/A	
Groundwater Controls Indicator:	N/A	
Operating TSDF Universe:	Not reported	
Full Enforcement Universe:	Not reported	
Significant Non-Complier Universe:	No	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ABIDE THERAPEUTICS INC (Continued)

1024846783

Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180906
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: ABIDE THERAPEUTICS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10835 ROAD TO THE CURE STE 250
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121-1108
Owner/Operator Telephone: 858-427-2590
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JAKE WIENER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10835 ROAD TO THE CURE
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-427-2509
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20141009
Handler Name: ABIDE THERAPEUTICS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 54171
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

ABIDE THERAPEUTICS INC (Continued)

1024846783

SCIENCES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

J80
South
1/8-1/4
0.178 mi.
939 ft.

LUNDBECK LA JOLLA RESEARCH CENTER, INC.
10835 ROAD TO THE CURE STE 250
SAN DIEGO, CA 92121

CA CERS HAZ WASTE
CA CERS

S123536342
N/A

Site 7 of 14 in cluster J

Relative:

CERS HAZ WASTE:

Higher

Name: LUNDBECK LA JOLLA RESEARCH CENTER, INC.
Address: 10835 ROAD TO THE CURE STE 250
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 96734
CERS ID: 10389004
CERS Description: Hazardous Waste Generator

Actual:
316 ft.

CERS:

Name: LUNDBECK LA JOLLA RESEARCH CENTER, INC.
Address: 10835 ROAD TO THE CURE STE 250
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 96734
CERS ID: 10389004
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 96734
Site Name: LUNDBECK LA JOLLA RESEARCH CENTER, INC.
Violation Date: 05-11-2021
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 05/11/2021. Inspection Sequence ID:6722689
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 96734
Site Name: LUNDBECK LA JOLLA RESEARCH CENTER, INC.
Violation Date: 05-11-2021
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.

Violation Notes: Returned to compliance on 05/28/2021. Inspection Sequence ID:6722689
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

LUNDBECK LA JOLLA RESEARCH CENTER, INC. (Continued)

S123536342

Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-11-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Zmily Zanalee Inspection ID:6722689
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-17-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:5999865
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-11-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Zmily Zanalee Inspection ID:6722689
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-08-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5540558
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-02-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Malone Kaelyn Inspection ID:5392520
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-17-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:5999865
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

LUNDBECK LA JOLLA RESEARCH CENTER, INC. (Continued)

S123536342

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-08-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5540558
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-02-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Malone Kaelyn Inspection ID:5392520
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Environmental Contact
Entity Name: Jake Wiener, Ph.D.
Entity Title: Not reported
Affiliation Address: 10835 ROAD TO THE CURE
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
Entity Name: H. Scott Tillinghast, Occupational Services, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Jake Wiener
Entity Title: Senior Director and Deputy Site Head
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

LUNDBECK LA JOLLA RESEARCH CENTER, INC. (Continued)

S123536342

Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: BioMed Realty (BMR)
Entity Title: Not reported
Affiliation Address: 5694 MISSION CENTER RD #602-800
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92108
Affiliation Phone: (858) 485-9840,

Affiliation Type Desc: Legal Owner
Entity Name: Lundbeck LLC
Entity Title: Not reported
Affiliation Address: 6 Parkway North Blvd
Affiliation City: Deerfield
Affiliation State: IL
Affiliation Country: United States
Affiliation Zip: 60015-2522
Affiliation Phone: (453) 630-1311,

Affiliation Type Desc: Operator
Entity Name: LUNDBECK LA JOLLA RESEARCH CENTER, INC.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 282-1006,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 10835 Road to the Cure, Suite 250
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Lundbeck La Jolla Research Center Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

J81 South 1/8-1/4 0.178 mi. 939 ft.	ERASCA INC 10835 ROAD TO THE CURE STE 140 SAN DIEGO, CA 92121 Site 8 of 14 in cluster J	RCRA NonGen / NLR	1024870014 CAL000438639
Relative: Higher	RCRA Listings:		
Actual: 316 ft.	Date Form Received by Agency:	ERASCA INC	20180824
	Handler Name:	ERASCA INC	
	Handler Address:	10835 ROAD TO THE CURE STE 140 SAN DIEGO, CA 92121	
	Handler City,State,Zip:	SAN DIEGO, CA 92121	
	EPA ID:	CAL000438639	
	Contact Name:	PETER CHUA	
	Contact Address:	10835 ROAD TO THE CURE STE 140 SAN DIEGO, CA 92121	
	Contact City,State,Zip:	SAN DIEGO, CA 92121	
	Contact Telephone:	858-465-6511	
	Contact Fax:	Not reported	
	Contact Email:	PCHUA@ERASCA.COM	
	Contact Title:	Not reported	
	EPA Region:	09	
	Land Type:	Not reported	
	Federal Waste Generator Description:	Not a generator, verified	
	Non-Notifier:	Not reported	
	Biennial Report Cycle:	Not reported	
	Accessibility:	Not reported	
	Active Site Indicator:	Handler Activities	
	State District Owner:	Not reported	
	State District:	Not reported	
	Mailing Address:	10835 ROAD TO THE CURE STE 140 SAN DIEGO, CA 92121	
	Mailing City,State,Zip:	SAN DIEGO, CA 92121	
	Owner Name:	ERASCA INC	
	Owner Type:	Other	
	Operator Name:	PETER CHUA	
	Operator Type:	Other	
	Short-Term Generator Activity:	No	
	Importer Activity:	No	
	Mixed Waste Generator:	No	
	Transporter Activity:	No	
	Transfer Facility Activity:	No	
	Recycler Activity with Storage:	No	
	Small Quantity On-Site Burner Exemption:	No	
	Smelting Melting and Refining Furnace Exemption:	No	
	Underground Injection Control:	No	
	Off-Site Waste Receipt:	No	
	Universal Waste Indicator:	Yes	
	Universal Waste Destination Facility:	Yes	
	Federal Universal Waste:	No	
	Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported	
	Active Site Converter Treatment storage and Disposal Facility:	Not reported	
	Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported	
	Active Site State-Reg Handler:	---	
	Federal Facility Indicator:	Not reported	
	Hazardous Secondary Material Indicator:	N	
	Sub-Part K Indicator:	Not reported	
	Commercial TSD Indicator:	No	
	Treatment Storage and Disposal Type:	Not reported	
	2018 GPRA Permit Baseline:	Not on the Baseline	
	2018 GPRA Renewals Baseline:	Not on the Baseline	
	Permit Renewals Workload Universe:	Not reported	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ERASCA INC (Continued)

1024870014

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180907
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: ERASCA INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10835 ROAD TO THE CURE STE 140
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-465-6511
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PETER CHUA
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10835 ROAD TO THE CURE STE 140
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-465-6511
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

ERASCA INC (Continued)

1024870014

Historic Generators:

Receive Date:	20180824
Handler Name:	ERASCA INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	541715
NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
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J82
South
1/8-1/4
0.178 mi.
939 ft.

PERSEPHONE BIOSCIENCES INC
10835 ROAD TO THE CURE STE 150
SAN DIEGO, CA 92121
Site 9 of 14 in cluster J

RCRA NonGen / NLR **1027218942**
CAL000470832

Relative:
Higher
Actual:
316 ft.

RCRA Listings:	
Date Form Received by Agency:	20220520
Handler Name:	PERSEPHONE BIOSCIENCES INC
Handler Address:	10835 ROAD TO THE CURE STE 150
Handler City,State,Zip:	SAN DIEGO, CA 92121
EPA ID:	CAL000470832
Contact Name:	STEPHEN VAN DIEN
Contact Address:	10835 ROAD TO THE CURE STE 150
Contact City,State,Zip:	SAN DIEGO, CA 92121
Contact Telephone:	858-232-8733
Contact Fax:	Not reported
Contact Email:	SVANDIEN@PERSEPHONEBIOME.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	10835 ROAD TO THE CURE STE 150
Mailing City,State,Zip:	SAN DIEGO, CA 92121

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

PERSEPHONE BIOSCIENCES INC (Continued)

1027218942

Owner Name:	PERSEPHONE BIOSCIENCES INC	
Owner Type:		Other
Operator Name:	STEPHEN VAN DIEN	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDs Where RCRA CA has Been Imposed Universe:		No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSD Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20220523
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

PERSEPHONE BIOSCIENCES INC (Continued)

1027218942

Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: PERSEPHONE BIOSCIENCES INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW #5800C
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-232-8733
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: STEPHEN VAN DIEN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10835 ROAD TO THE CURE STE 150
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-232-8733
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20220520
Handler Name: PERSEPHONE BIOSCIENCES INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 541715
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

J83
South
1/8-1/4
0.178 mi.
939 ft.

NEUROPORE THERAPIES, INC
10835 ROAD TO THE CURE
SAN DIEGO, CA 92121
Site 10 of 14 in cluster J

RCRA NonGen / NLR **1024856181**
CAL000419796

Relative:
Higher
Actual:
316 ft.

RCRA Listings: 20160824
Date Form Received by Agency: 20160824
Handler Name: NEUROPORE THERAPIES, INC
Handler Address: 10835 ROAD TO THE CURE
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000419796
Contact Name: EMILY STOCKING
Contact Address: 10835 ROAD TO THE CURE
Contact City,State,Zip: SAN DIEGO, CA 92121
Contact Telephone: 858-273-1831
Contact Fax: 858-273-1839
Contact Email: EMILY.STOCKING@NEUROPORE.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 10835 ROAD TO THE CURE
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: NEUROPORE THERAPIES INC
Owner Type: Other
Operator Name: EMILY STOCKING
Operator Type: Other
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: Yes
Universal Waste Destination Facility: Yes
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

NEUROPORE THERAPIES, INC (Continued)

1024856181

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180906
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: EMILY STOCKING
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10835 ROAD TO THE CURE
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-273-1831
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NEUROPORE THERAPIES INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10835 ROAD TO THE CURE
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-273-1831
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

NEUROPORE THERAPIES, INC (Continued)

1024856181

Historic Generators:

Receive Date:	20160824
Handler Name:	NEUROPORE THERAPIES, INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	541711
NAICS Description:	RESEARCH AND DEVELOPMENT IN BIOTECHNOLOGY

Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
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J84
South
1/8-1/4
0.178 mi.
939 ft.

ANAPTYSBIO INC
10835 ROAD TO THE CURE
SAN DIEGO, CA 92121

RCRA NonGen / NLR **1010783768**
CAR000191171

Site 11 of 14 in cluster J

Relative:
Higher
Actual:
316 ft.

RCRA Listings:

Date Form Received by Agency:	20110921
Handler Name:	ANAPTYSBIO INC
Handler Address:	10835 ROAD TO THE CURE
Handler City,State,Zip:	SAN DIEGO, CA 92121
EPA ID:	CAR000191171
Contact Name:	ED MARPLES
Contact Address:	10421 PACIFIC CENTER CT
Contact City,State,Zip:	SAN DIEGO, CA 92121
Contact Telephone:	858-337-6277
Contact Fax:	Not reported
Contact Email:	EMARPLES@ANAPTYSBIO.COM
Contact Title:	DIR OF OPS
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	10421 PACIFIC CENTER CT
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	BMR 10835 ROAD TO THE CURE LLC

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

ANAPTYSBIO INC (Continued)

1010783768

Owner Type:	Private
Operator Name:	BMR 10835 ROAD TO THE CURE LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110926
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ANAPTYSBIO INC (Continued)

1010783768

Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: BMR 10835 ROAD TO THE CURE LLC
Legal Status: Private
Date Became Current: 20061215
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: BMR 10835 ROAD TO THE CURE LLC
Legal Status: Private
Date Became Current: 20061215
Date Ended Current: Not reported
Owner/Operator Address: 17190 BERNARDO CENTER DR
Owner/Operator City,State,Zip: SAN DIEGO, CA 92128
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: BMR 10835 ROAD TO THE CURE LLC
Legal Status: Private
Date Became Current: 20061215
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

ANAPTYSBIO INC (Continued)

1010783768

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: BMR 10835 ROAD TO THE CURE LLC
Legal Status: Private
Date Became Current: 20061215
Date Ended Current: Not reported
Owner/Operator Address: 17190 BERNARDO CENTER DR
Owner/Operator City,State,Zip: SAN DIEGO, CA 92128
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20080327
Handler Name: ANAPTYSBIO INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20110921
Handler Name: ANAPTYSBIO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 54171
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

J85 **LUNDBECK LA JOLLA RESEARCH CENTER INC** **RCRA NonGen / NLR** **1025874404**
South **10835 ROAD TO THE CURE STE 250** **CAL000447535**
1/8-1/4 **SAN DIEGO, CA 92121**
0.178 mi.
939 ft. **Site 12 of 14 in cluster J**

Relative: Higher	RCRA Listings:		20190718
	Date Form Received by Agency:		
	Handler Name:	LUNDBECK LA JOLLA RESEARCH CENTER INC	
Actual: 316 ft.	Handler Address:	10835 ROAD TO THE CURE STE 250	
	Handler City,State,Zip:	SAN DIEGO, CA 92121	
	EPA ID:	CAL000447535	
	Contact Name:	JAKE WIENER	
	Contact Address:	10835 ROAD TO THE CURE STE 250	
	Contact City,State,Zip:	SAN DIEGO, CA 92121	
	Contact Telephone:	858-842-7259	
	Contact Fax:	Not reported	
	Contact Email:	JAKE@ABIDETX.COM	
	Contact Title:	Not reported	
	EPA Region:	09	
	Land Type:	Not reported	
	Federal Waste Generator Description:	Not a generator, verified	
	Non-Notifier:	Not reported	
	Biennial Report Cycle:	Not reported	
	Accessibility:	Not reported	
	Active Site Indicator:	Handler Activities	
	State District Owner:	Not reported	
	State District:	Not reported	
	Mailing Address:	10835 ROAD TO THE CURE STE 250	
	Mailing City,State,Zip:	SAN DIEGO, CA 92121	
	Owner Name:	H LUNDBECK A/S	
	Owner Type:	Other	
	Operator Name:	JAKE WIENER	
	Operator Type:	Other	
	Short-Term Generator Activity:	No	
	Importer Activity:	No	
	Mixed Waste Generator:	No	
	Transporter Activity:	No	
	Transfer Facility Activity:	No	
	Recycler Activity with Storage:	No	
	Small Quantity On-Site Burner Exemption:	No	
	Smelting Melting and Refining Furnace Exemption:	No	
	Underground Injection Control:	No	
	Off-Site Waste Receipt:	No	
	Universal Waste Indicator:	Yes	
	Universal Waste Destination Facility:	Yes	
	Federal Universal Waste:	No	
	Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported	
	Active Site Converter Treatment storage and Disposal Facility:	Not reported	
	Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported	
	Active Site State-Reg Handler:	---	
	Federal Facility Indicator:	Not reported	
	Hazardous Secondary Material Indicator:	N	
	Sub-Part K Indicator:	Not reported	
	Commercial TSD Indicator:	No	
	Treatment Storage and Disposal Type:	Not reported	
	2018 GPRA Permit Baseline:	Not on the Baseline	
	2018 GPRA Renewals Baseline:	Not on the Baseline	
	Permit Renewals Workload Universe:	Not reported	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

LUNDBECK LA JOLLA RESEARCH CENTER INC (Continued)

1025874404

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20190729
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: JAKE WIENER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10835 ROAD TO THE CURE STE 250
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-842-7259
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: H LUNDBECK A/S
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: OTTILIAVEJ 9
Owner/Operator City,State,Zip: VALBY 2500
Owner/Operator Telephone: 4536301311
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

LUNDBECK LA JOLLA RESEARCH CENTER INC (Continued)

1025874404

Historic Generators:

Receive Date: 20190718
Handler Name: LUNDBECK LA JOLLA RESEARCH CENTER INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 541715
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

J86
South
1/8-1/4
0.178 mi.
939 ft.

ASPEN NEUROSCIENCE
10835 ROAD TO THE CURE STE 100, 230
SAN DIEGO, CA 92121
Site 13 of 14 in cluster J

CA CERS HAZ WASTE S124441834
CA HAZNET N/A
CA CERS
CA HWTS

Relative:
Higher
Actual:
316 ft.

CERS HAZ WASTE:
Name: ASPEN NEUROSCIENCE
Address: 10835 ROAD TO THE CURE STE 100, 230
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 37282
CERS ID: 10487191
CERS Description: Hazardous Waste Generator

HAZNET:

Name: ASPEN NEUROSCIENCE INC
Address: 10835 ROAD TO THE CURE STE 100
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Contact: CANDACE LYNCH
Telephone: 8582631695
Mailing Name: Not reported
Mailing Address: 10835 ROAD TO THE CURE STE 100

Year: 2021
Gepaid: CAL000446689
TSD EPA ID: AZR000520478
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ASPEN NEUROSCIENCE (Continued)

S124441834

Tons: Treatment/Reovery (H010-H129) Or (H131-H135)
1.66806

Year: 2021
Gepaid: CAL000446689
TSD EPA ID: NMD002208627
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)

Tons: 0.0042

Year: 2021
Gepaid: CAL000446689
TSD EPA ID: NMD002208627
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)

Tons: 0.0075

Year: 2020
Gepaid: CAL000446689
TSD EPA ID: NMD002208627
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)

Tons: 0.015

CERS:

Name: ASPEN NEUROSCIENCE
Address: 10835 ROAD TO THE CURE STE 100, 230
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 37282
CERS ID: 10487191
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 37282
Site Name: Aspen Neuroscience
Violation Date: 08-20-2014
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter
6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Returned to compliance on 08/22/2014. Inspection Sequence
Violation Notes: ID:5104963;Violation:HMD0221 HW storage- satellite Failed to comply
with hazardous waste satellite container regulations. 22CCR
66262.34(e).
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 37282
Site Name: Aspen Neuroscience
Violation Date: 08-31-2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22,
Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

ASPEN NEUROSCIENCE (Continued)

S124441834

portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violation Notes: Returned to compliance on 08/31/2018. Inspection Sequence ID:5972940
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-16-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Nguyen An Inspection ID:6885444
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-19-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Vue Cher Inspection ID:5494943
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-20-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Manese Michael Inspection ID:5104963
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-27-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Soquiat Joseph Inspection ID:6316383
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-31-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:5972940
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-16-2022

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

ASPEN NEUROSCIENCE (Continued)

S124441834

Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Nguyen An Inspection ID:6885444
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-20-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Manese Michael Inspection ID:5104963
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-27-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Soquiat Joseph Inspection ID:6316383
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Document Preparer
Entity Name: Matthew Olson, OSI
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Environmental Contact
Entity Name: Candace Lynch
Entity Title: Not reported
Affiliation Address: 10835 Road to the Cure Ste 100, 230
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ASPEN NEUROSCIENCE (Continued)

S124441834

Entity Name: Gurkan Barnes-Nadir
Entity Title: Office Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Candace Lynch
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (619) 944-9046,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 10835 Road to the Cure Ste 100. 230
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Aspen Neuroscience, Inc.
Entity Title: Not reported
Affiliation Address: 10835 Road to the Cure Ste 100, 230
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 263-1222,

Affiliation Type Desc: Parent Corporation
Entity Name: Aspen Neuroscience
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

HWTS:

Name: ASPEN NEUROSCIENCE INC
Address: 10835 ROAD TO THE CURE STE 100
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000446689
Inactive Date: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

Database(s)

Site

ASPEN NEUROSCIENCE (Continued)

S124441834

Create Date: 06/17/2019
 Last Act Date: Not reported
 Mailing Name: Not reported
 Mailing Address: 10835 ROAD TO THE CURE STE 100
 Mailing Address 2: Not reported
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: ASPEN NEUROSCIENCE INC
 Owner Address: 10835 ROAD TO THE CURE STE 100
 Owner Address 2: Not reported
 Owner City,State,Zip: SAN DIEGO, CA 92121
 Contact Name: CANDACE LYNCH
 Contact Address: 10835 ROAD TO THE CURE STE 100
 Contact Address 2: Not reported
 City,State,Zip: SAN DIEGO, CA 921211123
 Facility Status: Active
 Facility Type: PERMANENT
 Category: STATE
 Latitude: 32.902083
 Longitude: -117.2362275

NAICS:

EPA ID: CAL000446689
 Create Date: 2019-06-17 13:43:34.837
 NAICS Code: 541715
 NAICS Description: Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)
 Issued EPA ID Date: 2019-06-17 13:43:34.83700
 Inactive Date: Not reported
 Facility Name: ASPEN NEUROSCIENCE
 Facility Address: 10835 ROAD TO THE CURE STE 100
 Facility Address 2: Not reported
 Facility City: SAN DIEGO
 Facility County: Not reported
 Facility State: CA
 Facility Zip: 92121

J87
South
1/8-1/4
0.178 mi.
939 ft.

RECEPTOS INC
10835 RD TO THE CURE
SAN DIEGO, CA 92121
Site 14 of 14 in cluster J

RCRA-SQG 1014387836
FINDS CAR000214197

Relative:
Higher
Actual:
316 ft.

RCRA Listings:
 Date Form Received by Agency: 20100921
 Handler Name: RECEPTOS INC
 Handler Address: 10835 RD TO THE CURE
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAR000214197
 Contact Name: MARCUS BOEHM
 Contact Address: 10835 RD TO THE CURE
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-652-5711
 Contact Fax: 858-587-2659
 Contact Email: MBOEHM@RECEPTOS.COM
 Contact Title: VP CHEMISTRY
 EPA Region: 09
 Land Type: Private

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

RECEPTOS INC (Continued)

1014387836

Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	10835 RD TO THE CURE
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	RECEPTOS INC
Owner Type:	Private
Operator Name:	MARCUS BOEHM
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

RECEPTOS INC (Continued)

1014387836

Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20100922
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D022
Waste Description: CHLOROFORM

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: MARCUS BOEHM
Legal Status: Private
Date Became Current: 20080225
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

RECEPTOS INC (Continued)

1014387836

Owner/Operator Indicator: Owner
Owner/Operator Name: RECEPTOS INC
Legal Status: Private
Date Became Current: 20080225
Date Ended Current: Not reported
Owner/Operator Address: 10835 RD TO THE CURE
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-652-5711
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20100921
Handler Name: RECEPTOS INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 541711
NAICS Description: RESEARCH AND DEVELOPMENT IN BIOTECHNOLOGY

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110055859968

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:
STATE MASTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

I88 **CALIFORNIA MEDICAL INNOVATIONS INSTITUTE INC** **RCRA NonGen / NLR** **1026723705**
East **11175 FLINTKOTE AVE STE A** **CAL000460822**
1/8-1/4 **SAN DIEGO, CA 92121**
0.179 mi.
946 ft. **Site 4 of 4 in cluster I**

Relative:
Lower
Actual:
33 ft.

RCRA Listings:
 Date Form Received by Agency: 20210309
 Handler Name: CALIFORNIA MEDICAL INNOVATIONS INSTITUTE INC
 Handler Address: 11175 FLINTKOTE AVE STE A
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000460822
 Contact Name: LIGIA AMEZCUA
 Contact Address: 11107 ROSELLE ST STE 211
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-249-7407
 Contact Fax: 858-249-7419
 Contact Email: LAMEZCUA@CALMI2.ORG
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 11107 ROSELLE ST STE 211
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: CALIFORNIA MEDICAL INNOVATIONS INSTITU
 Owner Type: Other
 Operator Name: LIGIA AMEZCUA
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPRA Permit Baseline: Not on the Baseline
 2018 GPRA Renewals Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

CALIFORNIA MEDICAL INNOVATIONS INSTITUTE INC (Continued)

1026723705

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210312
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CALIFORNIA MEDICAL INNOVATIONS INSTITU
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11107 ROSELLE ST STE 211
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	858-249-7407
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LIGIA AMEZCUA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11107 ROSELLE ST STE 211
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	858-249-7407
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA MEDICAL INNOVATIONS INSTITUTE INC (Continued)

1026723705

Historic Generators:

Receive Date: 20210309
Handler Name: CALIFORNIA MEDICAL INNOVATIONS INSTITUTE INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

K89
SW
1/8-1/4
0.189 mi.
1000 ft.

SINGULAR GENOMICS SYSTEMS
3010 SCIENCE PARK RD
SAN DIEGO, CA 92121
Site 1 of 4 in cluster K

RCRA-SQG **1004676596**
CA San Diego Co. HMMD **CAR000087262**
FINDS
CA WDS
CA CERS

Relative:
Higher
Actual:
413 ft.

RCRA Listings:

Date Form Received by Agency: 20220406
Handler Name: SINGULAR GENOMICS SYSTEMS
Handler Address: 3010 SCIENCE PARK RD
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAR000087262
Contact Name: LAURA HALE
Contact Address: 3010 SCIENCE PARK RD
Contact City,State,Zip: SAN DIEGO, CA 92121
Contact Telephone: 858-333-7830
Contact Fax: Not reported
Contact Email: LAURA@SINGULARGENOMICS.COM
Contact Title: SR MGR SCIENTIFIC OPS
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 3010 SCIENCE PARK RD
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: ARE-SD REGION NO. 27 LLC

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

SINGULAR GENOMICS SYSTEMS (Continued)

1004676596

Owner Type:	Private
Operator Name:	SINGULAR GENOMICS SYSTEMS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220407
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

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SINGULAR GENOMICS SYSTEMS (Continued)

1004676596

Sub-Part P Indicator: No

Biennial: List of Years

Year: 2003

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D005
Waste Description: BARIUM

Waste Code: D009
Waste Description: MERCURY

Waste Code: D011
Waste Description: SILVER

Waste Code: D022
Waste Description: CHLOROFORM

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: U007

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SINGULAR GENOMICS SYSTEMS (Continued)

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Waste Description: 2-PROPENAMIDE (OR) ACRYLAMIDE
Waste Code: U010
Waste Description: AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE,
6-AMINO-8-[[AMINOCARBONYLOXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-MET
HOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR)
MITOMYCIN C
Waste Code: U103
Waste Description: DIMETHYL SULFATE (OR) SULFURIC ACID, DIMETHYL ESTER
Waste Code: U133
Waste Description: HYDRAZINE (R,T)
Waste Code: U188
Waste Description: PHENOL

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: ALEXANDRIA
Legal Status: Private
Date Became Current: 20000801
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: BIOGEN IDEC INC.
Legal Status: Private
Date Became Current: 19990624
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ARE-SD REGION NO. 27 LLC
Legal Status: Private
Date Became Current: 20100922
Date Ended Current: Not reported
Owner/Operator Address: 10996 TORREYANA RD STE 250
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-368-4181
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: NCRECELY@ARE.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: BIOGEN IDEC INC
Legal Status: Private

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SINGULAR GENOMICS SYSTEMS (Continued)

1004676596

Date Became Current: 20031112
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: BIOGEN IDEC INC.
Legal Status: Private
Date Became Current: 19990624
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: IDEC PHARMACEUTICALS CORP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11011 TORREYANA RD
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-431-8500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ARE DELAWARE COMPANY
Legal Status: Private
Date Became Current: 19900101
Date Ended Current: Not reported
Owner/Operator Address: 135 N. LAS ROBLES AVE STE 250
Owner/Operator City,State,Zip: PASADENA, CA 91101
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SINGULAR GENOMICS SYSTEMS
Legal Status: Private
Date Became Current: 20220429
Date Ended Current: Not reported
Owner/Operator Address: 3010 SCIENCE PARK RD
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-333-7830
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

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SINGULAR GENOMICS SYSTEMS (Continued)

1004676596

Owner/Operator Indicator: Owner
Owner/Operator Name: ARE DELAWARE COMPANY
Legal Status: Private
Date Became Current: 19900101
Date Ended Current: Not reported
Owner/Operator Address: 135 N. LAS ROBLES AVE STE 250
Owner/Operator City,State,Zip: PASADENA, CA 91101
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20040505
Handler Name: BIOGEN IDEC INC (SP)
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20001129
Handler Name: IDEC PHARMACEUTICALS CORP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20031208
Handler Name: BIOGEN IDEC INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20220406
Handler Name: SINGULAR GENOMICS SYSTEMS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No

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SINGULAR GENOMICS SYSTEMS (Continued)

1004676596

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20040505
Handler Name: BIOGEN IDEC INC (SP)
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325414
NAICS Description: BIOLOGICAL PRODUCT (EXCEPT DIAGNOSTIC) MANUFACTURING

NAICS Code: 541714
NAICS Description: RESEARCH AND DEVELOPMENT IN BIOTECHNOLOGY (EXCEPT NANOBIOTECHNOLOGY)

Facility Has Received Notices of Violation:

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported

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1004676596

SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 20030724
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

HMMD SAN DIEGO:

Name: HISAMITSU CALIFORNIA LABORATORIES
Address: 3010 SCIENCE PARK RD
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 205992
Business Type: 6HK67
EPA Id Number: CAL000295070
APN: 340-010-15-00
Last HMMD Inspection: 04/03/2008
Facility Telephone: 858-450-9070
Permit Status: INAC
Permit Expiration: 04/30/2009
Date Last Updated: 11/02/2012
Facility Owner: HISAMITSU CALIFORNIA LABORATORIES
Facility Mailing Address: 3010 SCIENCE PARK RD #1108
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Name: BIOGEN IDEC INC,
Address: 3010 SCIENCE PARK RD
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 136588

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Database(s)
EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS (Continued)

1004676596

Business Type: 6HK67
EPA Id Number: CAR000087262
APN: 340-010-15-00
Last HMMD Inspection: 07/24/2003
Facility Telephone: 858-431-8500
Permit Status: INAC
Permit Expiration: 06/30/2005
Date Last Updated: 11/02/2012
Facility Owner: BIOGEN IDEC INC.
Facility Mailing Address: 11011 TORREYANNA RD
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121-
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Name: SANFORD-BURNHAM MEDICAL RESEARCH INSTITU
Address: 3010 SCIENCE PARK RD
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 204649
Business Type: 6HK67
EPA Id Number: CAL000288400
APN: 340-010-15-00
Last HMMD Inspection: 03/21/2012
Facility Telephone: 858-646-3100
Permit Status: OPEN
Permit Expiration: 10/31/2013
Date Last Updated: 11/02/2012
Facility Owner: SANFORD-BURNHAM MEDICAL RESEARCH INSTITU
Facility Mailing Address: 10901 N TORREY PINES RD
Facility Mailing City: LA JOLLA
Facility Mailing State: CA
Facility Mailing Zip: 92037
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Y
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012

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SINGULAR GENOMICS SYSTEMS (Continued)

1004676596

Case Number: 124-38-9
Name: CARBON DIOXIDE
Other Information: DRY ICE
Material Waste: Material
Hazardous Categories 1: CRYOGENIC
Hazardous Categories 2: ACUTE

Permit Number: 204649
Update Date: 11/02/2012
Case Number: MIXTURE
Name: CARBON DIOXIDE %5 - NITROGEN 95%
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 7782-50-5
Name: CHLORINE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: EXTREMELY HAZARDOUS

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL FUEL
Other Information: Not reported

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Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC
Permit Number:	204649
Update Date:	11/02/2012
Case Number:	141-78-6
Name:	ETHYL ACETATE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported
Permit Number:	204649
Update Date:	11/02/2012
Case Number:	7440-59-7
Name:	HELIUM GAS
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	Not reported
Permit Number:	204649
Update Date:	11/02/2012
Case Number:	7440-59-7
Name:	HELIUM, LIQUID
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	CRYOGENIC
Permit Number:	204649
Update Date:	11/02/2012
Case Number:	110-54-3
Name:	HEXANE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported
Permit Number:	204649
Update Date:	11/02/2012
Case Number:	1333-74-0
Name:	HYDROGEN
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	Not reported
Permit Number:	204649
Update Date:	11/02/2012
Case Number:	10035-10-6
Name:	HYDROGEN BROMIDE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	CHRONIC
Hazardous Categories 2:	EXTREMELY HAZARDOUS

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SINGULAR GENOMICS SYSTEMS (Continued)

1004676596

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 7647-01-0
Name: HYDROGEN CHLORIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 7783-06-4
Name: HYDROGEN SULFIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 74-82-8
Name: METHANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 306-83-2
Name: R-123
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 811-97-2

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SINGULAR GENOMICS SYSTEMS (Continued)

1004676596

Name: R-134
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 75-45-6
Name: R-22
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 7664-93-9
Name: SULFURIC ACID (93%)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 204649
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 211 HALOGENATED SOLVENTS
Other Information: WASTE CHLOROFORM, PHENOL, ETBT
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 212 OXYGENATED SOLVENTS
Other Information: WASTE SOLVENTS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: PUMP OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Other Information: WASTE LAB CHEMICALS
Material Waste: Waste

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SINGULAR GENOMICS SYSTEMS (Continued)

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Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: PHENOL/CHLORFORM
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: CHEM/LAB PACK
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: ETHIDIUM BROMIDE DEBRIS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Other Information: RED BAGS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: SHARPS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 204649
Update Date: 11/02/2012
Inspection Date: 04/08/2010
Violation Code: 6HV0221
Violation: DID NOT COMPLY W/SATELLITE REGS.
Violation Citation: Failed to comply with satellite regulations. 66262.34(e)
Activity: ACTIVE

Map ID
Direction
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SINGULAR GENOMICS SYSTEMS (Continued)

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Permit Number: 204649
Update Date: 11/02/2012
Inspection Date: 04/08/2010
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank.
66262.34(f)
Activity: ACTIVE

Permit Number: 204649
Update Date: 11/02/2012
Inspection Date: 03/20/2007
Violation Code: 6HV0221
Violation: DID NOT COMPLY W/SATELLITE REGS.
Violation Citation: Failed to comply with satellite regulations. 66262.34(e)
Activity: ACTIVE

Permit Number: 204649
Update Date: 11/02/2012
Inspection Date: 03/21/2012
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank.
66262.34(f)
Activity: ACTIVE

Name: SANFORD-BURNHAM MEDICAL RESEARCH INSTITU
Address: 3010 SCIENCE PARK RD
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 204649
Business Type: 6HK67
EPA Id Number: CAL000288400
APN: 340-010-15-00
Last HMMD Inspection: 03/21/2012
Facility Telephone: 858-646-3100
Permit Status: OPEN
Permit Expiration: 10/31/2013
Date Last Updated: 11/02/2012
Facility Owner: SANFORD-BURNHAM MEDICAL RESEARCH INSTITU
Facility Mailing Address: 10901 N TORREY PINES RD
Facility Mailing City: LA JOLLA
Facility Mailing State: CA
Facility Mailing Zip: 92037
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Y
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 204649
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON GAS
Other Information: Not reported

Map ID
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MAP FINDINGS

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SINGULAR GENOMICS SYSTEMS (Continued)

1004676596

Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE
Other Information: DRY ICE
Material Waste: Material
Hazardous Categories 1: CRYOGENIC
Hazardous Categories 2: ACUTE

Permit Number: 204649
Update Date: 11/02/2012
Case Number: MIXTURE
Name: CARBON DIOXIDE %5 - NITROGEN 95%
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 7782-50-5
Name: CHLORINE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: EXTREMELY HAZARDOUS

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SINGULAR GENOMICS SYSTEMS (Continued)

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Permit Number: 204649
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL FUEL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 141-78-6
Name: ETHYL ACETATE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 7440-59-7
Name: HELIUM GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 7440-59-7
Name: HELIUM, LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 110-54-3
Name: HEXANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 1333-74-0
Name: HYDROGEN
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 10035-10-6

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SINGULAR GENOMICS SYSTEMS (Continued)

1004676596

Name: HYDROGEN BROMIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: EXTREMELY HAZARDOUS

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 7647-01-0
Name: HYDROGEN CHLORIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 7783-06-4
Name: HYDROGEN SULFIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 74-82-8
Name: METHANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 306-83-2
Name: R-123
Other Information: Not reported
Material Waste: Material

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SINGULAR GENOMICS SYSTEMS (Continued)

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Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 811-97-2
Name: R-134
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 75-45-6
Name: R-22
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 7664-93-9
Name: SULFURIC ACID (93%)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 204649
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 211 HALOGENATED SOLVENTS
Other Information: WASTE CHLOROFORM, PHENOL, ETBT
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 212 OXYGENATED SOLVENTS
Other Information: WASTE SOLVENTS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: PUMP OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

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SINGULAR GENOMICS SYSTEMS (Continued)

1004676596

Permit Number: 204649
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Other Information: WASTE LAB CHEMICALS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: PHENOL/CHLORFORM
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: CHEM/LAB PACK
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: ETHIDIUM BROMIDE DEBRIS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Other Information: RED BAGS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: SHARPS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 204649
Update Date: 11/02/2012

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SINGULAR GENOMICS SYSTEMS (Continued)

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Inspection Date: 04/08/2010
Violation Code: 6HV0221
Violation: DID NOT COMPLY W/SATELLITE REGS.
Violation Citation: Failed to comply with satellite regulations. 66262.34(e)
Activity: ACTIVE

Permit Number: 204649
Update Date: 11/02/2012
Inspection Date: 04/08/2010
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank.
66262.34(f)
Activity: ACTIVE

Permit Number: 204649
Update Date: 11/02/2012
Inspection Date: 03/20/2007
Violation Code: 6HV0221
Violation: DID NOT COMPLY W/SATELLITE REGS.
Violation Citation: Failed to comply with satellite regulations. 66262.34(e)
Activity: ACTIVE

Permit Number: 204649
Update Date: 11/02/2012
Inspection Date: 03/21/2012
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank.
66262.34(f)
Activity: ACTIVE

Name: SANFORD-BURNHAM MEDICAL RESEARCH INSTITU
Address: 3010 SCIENCE PARK RD
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 204649
Business Type: 6HK67
EPA Id Number: CAL000288400
APN: 340-010-15-00
Last HMMD Inspection: 03/21/2012
Facility Telephone: 858-646-3100
Permit Status: OPEN
Permit Expiration: 10/31/2013
Date Last Updated: 11/02/2012
Facility Owner: SANFORD-BURNHAM MEDICAL RESEARCH INSTITU
Facility Mailing Address: 10901 N TORREY PINES RD
Facility Mailing City: LA JOLLA
Facility Mailing State: CA
Facility Mailing Zip: 92037
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Y
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

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SINGULAR GENOMICS SYSTEMS (Continued)

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Inventory Active Permits (not SQG Medical):

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE
Other Information: DRY ICE
Material Waste: Material
Hazardous Categories 1: CRYOGENIC
Hazardous Categories 2: ACUTE

Permit Number: 204649
Update Date: 11/02/2012
Case Number: MIXTURE
Name: CARBON DIOXIDE %5 - NITROGEN 95%
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012

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SINGULAR GENOMICS SYSTEMS (Continued)

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Case Number: 7782-50-5
Name: CHLORINE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: EXTREMELY HAZARDOUS

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL FUEL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 141-78-6
Name: ETHYL ACETATE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 7440-59-7
Name: HELIUM GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 7440-59-7
Name: HELIUM, LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 110-54-3
Name: HEXANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 1333-74-0
Name: HYDROGEN
Other Information: Not reported

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SINGULAR GENOMICS SYSTEMS (Continued)

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Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 10035-10-6
Name: HYDROGEN BROMIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: EXTREMELY HAZARDOUS

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 7647-01-0
Name: HYDROGEN CHLORIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 7783-06-4
Name: HYDROGEN SULFIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 74-82-8
Name: METHANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

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SINGULAR GENOMICS SYSTEMS (Continued)

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Permit Number: 204649
Update Date: 11/02/2012
Case Number: 306-83-2
Name: R-123
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 811-97-2
Name: R-134
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 75-45-6
Name: R-22
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: 7664-93-9
Name: SULFURIC ACID (93%)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 204649
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 211 HALOGENATED SOLVENTS
Other Information: WASTE CHLOROFORM, PHENOL, ETBT
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 212 OXYGENATED SOLVENTS
Other Information: WASTE SOLVENTS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: Not reported

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SINGULAR GENOMICS SYSTEMS (Continued)

1004676596

Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: PUMP OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Other Information: WASTE LAB CHEMICALS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: PHENOL/CHLORFORM
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: CHEM/LAB PACK
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: ETHIDIUM BROMIDE DEBRIS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Other Information: RED BAGS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204649
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: SHARPS
Material Waste: Waste

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SINGULAR GENOMICS SYSTEMS (Continued)

1004676596

Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 204649
Update Date: 11/02/2012
Inspection Date: 04/08/2010
Violation Code: 6HV0221
Violation: DID NOT COMPLY W/SATELLITE REGS.
Violation Citation: Failed to comply with satellite regulations. 66262.34(e)
Activity: ACTIVE

Permit Number: 204649
Update Date: 11/02/2012
Inspection Date: 04/08/2010
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

Permit Number: 204649
Update Date: 11/02/2012
Inspection Date: 03/20/2007
Violation Code: 6HV0221
Violation: DID NOT COMPLY W/SATELLITE REGS.
Violation Citation: Failed to comply with satellite regulations. 66262.34(e)
Activity: ACTIVE

Permit Number: 204649
Update Date: 11/02/2012
Inspection Date: 03/21/2012
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

FINDS:

Registry ID: 110055851047

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:
STATE MASTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

WDS:

Name: IDEC PHARMACEUTICALS CORP
Address: 3010 Science Park Rd
City: SAN DIEGO
Facility ID: San Diego 371017203
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or

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SINGULAR GENOMICS SYSTEMS (Continued)

1004676596

processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.

Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.

NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board

Subregion: 9

Facility Telephone: 8584318500

Facility Contact: VIDAL SHARON

Agency Name: IDEC PHARMACEUTICALS CORP

Agency Address: 3030 Callan Rd

Agency City,St,Zip: San Diego 921211109

Agency Contact: VIDAL SHARON

Agency Telephone: 8584318500

Agency Type: ?

SIC Code: 0

SIC Code 2: Not reported

Primary Waste Type: Not reported

Primary Waste: Not reported

Waste Type2: Not reported

Waste2: Not reported

Primary Waste Type: Not reported

Secondary Waste: Not reported

Secondary Waste Type: Not reported

Design Flow: 0

Baseline Flow: 0

Reclamation: Not reported

POTW: Not reported

Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CERS:

Name: 3010 SCIENCE PARK RD
Address: 3010 SCIENCE PARK RD
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 150840
CERS ID: 10388569
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 150840
Site Name: 3010 Science Park Rd
Violation Date: 11-28-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS (Continued)

1004676596

Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 11/28/2018. Inspection Sequence ID:6045290
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 150840
Site Name: 3010 Science Park Rd
Violation Date: 11-17-2016
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)

Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.

Violation Notes: Returned to compliance on 12/17/2016.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 150840
Site Name: 3010 Science Park Rd
Violation Date: 12-02-2014
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections

Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 12/09/2014. Inspection Sequence ID:4886053;Violation:HMD0221 HW storage- satellite Failed to comply with hazardous waste satellite container regulations. 22CCR 66262.34(e).

Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-17-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5178031
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-28-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:6045290
Eval Division: San Diego County Department of Env Health

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS (Continued)

1004676596

Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-02-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4886053
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-17-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5178031
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-28-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:6045290
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-17-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5529729
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-17-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5529729
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-02-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4886053
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS (Continued)

1004676596

Coordinates:

Site ID: 150840
Facility Name: 3010 Science Park Rd
Env Int Type Code: HMBP
Program ID: 10388569
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 32.902970
Longitude: -117.240550

Affiliation:

Affiliation Type Desc: Environmental Contact
Entity Name: Naomi Crecely
Entity Title: Not reported
Affiliation Address: 3010 Science Park Rd
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3010 Science Park Rd
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: ARE-SD Region No. 27, LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 437-3591,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
Entity Name: Naomi Crecely
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS (Continued)

1004676596

Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Naomi Creceley
Entity Title: Senior Asset Services Coordinator
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: ARE-SD Region No. 27, LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: ARE-SD Region No. 27, LLC
Entity Title: Not reported
Affiliation Address: 10996 Torreyana Rd
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 437-3591,

Name: SINGULAR GENOMICS SYSTEMS, INC.
Address: 3010 SCIENCE PARK RD
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 611786
CERS ID: 10895875
CERS Description: Chemical Storage Facilities

Coordinates:
Site ID: 611786
Facility Name: Singular Genomics Systems, Inc.
Env Int Type Code: HMBP
Program ID: 10895875
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 32.902620
Longitude: -117.240570

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

SINGULAR GENOMICS SYSTEMS (Continued)

1004676596

Affiliation Address: 3010 Science Park Rd
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Laura Hale
Entity Title: Manager of Scientific Operations
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Singular Genomics Systems, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 333-7830,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
Entity Name: H.Scott Tillinghast, Occupational Services, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Singular Genomics Systems, Inc.
Entity Title: Not reported
Affiliation Address: 3010 Science Park Rd
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 333-7830,

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SINGULAR GENOMICS SYSTEMS (Continued)

1004676596

Affiliation Type Desc: Parent Corporation
 Entity Name: Singular Genomics Systems, Inc.
 Entity Title: Not reported
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
 Entity Name: Laura Hale
 Entity Title: Not reported
 Affiliation Address: 3010 Science Park Rd
 Affiliation City: San Diego
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 92121
 Affiliation Phone: ,

K90
SW
1/8-1/4
0.189 mi.
1000 ft.

ALEXANDRIA REAL ESTATE EQUITIES, INC.
3010 SCIENCE PARK ROAD
SAN DIEGO, CA 92121
Site 2 of 4 in cluster K

RCRA NonGen / NLR

1026799258
CAC003111076

Relative:
Higher
Actual:
413 ft.

RCRA Listings:
 Date Form Received by Agency: 20210322
 Handler Name: ALEXANDRIA REAL ESTATE EQUITIES, INC.
 Handler Address: 3010 SCIENCE PARK ROAD
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAC003111076
 Contact Name: MICHAEL D'AMBROSIA
 Contact Address: 10996 TORREYANA ROAD #250
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-768-7985
 Contact Fax: Not reported
 Contact Email: TBD@AREIT.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 10996 TORREYANA ROAD #250
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: ALEXANDRIA REAL ESTATE EQUITIES, IN
 Owner Type: Other
 Operator Name: MICHAEL D'AMBROSIA
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

ALEXANDRIA REAL ESTATE EQUITIES, INC. (Continued)

1026799258

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRC Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210322
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
 Owner/Operator Name: ALEXANDRIA REAL ESTATE EQUITIES, IN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ALEXANDRIA REAL ESTATE EQUITIES, INC. (Continued)

1026799258

Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10996 TORREYANA ROAD #250
Owner/Operator City, State, Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-768-7965
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MICHAEL D'AMBROSIA
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10996 TORREYANA ROAD #250
Owner/Operator City, State, Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-768-7985
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20210322
Handler Name: ALEXANDRIA REAL ESTATE EQUITIES, INC.
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 336350
NAICS Description: MOTOR VEHICLE TRANSMISSION AND POWER TRAIN PARTS MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

K91 **SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE** **RCRA NonGen / NLR** **1024810170**
SW **3010 SCIENCE PARK RD** **CAL000288400**
1/8-1/4 **LA JOLLA, CA 92037**
0.189 mi.
1000 ft. **Site 3 of 4 in cluster K**

Relative: Higher	RCRA Listings:		
	Date Form Received by Agency:		20210119
Actual: 413 ft.	Handler Name:	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	
	Handler Address:	3010 SCIENCE PARK RD	
	Handler City,State,Zip:	LA JOLLA, CA 92037	
	EPA ID:	CAL000288400	
	Contact Name:	SYLVIE BLONDELLE	
	Contact Address:	10901 N TORREY PINES	
	Contact City,State,Zip:	LA JOLLA, CA 92037	
	Contact Telephone:	858-349-0761	
	Contact Fax:	999-999-9999	
	Contact Email:	SBLONDELLE@SBPDISCOVERY.ORG	
	Contact Title:	Not reported	
	EPA Region:	09	
	Land Type:	Not reported	
	Federal Waste Generator Description:	Not a generator, verified	
	Non-Notifier:	Not reported	
	Biennial Report Cycle:	Not reported	
	Accessibility:	Not reported	
	Active Site Indicator:	Not reported	
	State District Owner:	Not reported	
	State District:	Not reported	
	Mailing Address:	10901 N TORREY PINES	
	Mailing City,State,Zip:	LA JOLLA, CA 92037	
	Owner Name:	Not reported	
	Owner Type:	Not reported	
	Operator Name:	SANFORD BURN PRES MED DSCVRY IN	
	Operator Type:	Other	
	Short-Term Generator Activity:	No	
	Importer Activity:	No	
	Mixed Waste Generator:	No	
	Transporter Activity:	No	
	Transfer Facility Activity:	No	
	Recycler Activity with Storage:	No	
	Small Quantity On-Site Burner Exemption:	No	
	Smelting Melting and Refining Furnace Exemption:	No	
	Underground Injection Control:	No	
	Off-Site Waste Receipt:	No	
	Universal Waste Indicator:	No	
	Universal Waste Destination Facility:	No	
	Federal Universal Waste:	No	
	Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported	
	Active Site Converter Treatment storage and Disposal Facility:	Not reported	
	Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported	
	Active Site State-Reg Handler:	---	
	Federal Facility Indicator:	Not reported	
	Hazardous Secondary Material Indicator:	N	
	Sub-Part K Indicator:	Not reported	
	Commercial TSD Indicator:	No	
	Treatment Storage and Disposal Type:	Not reported	
	2018 GPRA Permit Baseline:	Not on the Baseline	
	2018 GPRA Renewals Baseline:	Not on the Baseline	
	Permit Renewals Workload Universe:	Not reported	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

1024810170

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20210120
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: SANFORD BURN PRES MED DSCVRY IN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10901 N TORREY PINES
Owner/Operator City,State,Zip: LA JOLLA, CA 92037
Owner/Operator Telephone: 858-349-0761
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: LARRY ADELMAN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10901 N TORREY PINES RD
Owner/Operator City,State,Zip: LA JOLLA, CA 90237
Owner/Operator Telephone: 858-646-3132
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE (Continued)

1024810170

Owner/Operator Indicator: Owner
Owner/Operator Name: SANFORD BURN PRES MED DSCVRY IN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10901 N TORREY PINES RD
Owner/Operator City,State,Zip: LA JOLLA, CA 92037-1005
Owner/Operator Telephone: 858-646-3100
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20210119
Handler Name: SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20041118
Handler Name: SANFORD BURNHAM PRESBYS MEDICAL RESEARCH INSTITUTE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 54172
NAICS Description: RESEARCH AND DEVELOPMENT IN THE SOCIAL SCIENCES AND HUMANITIES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K92 **SINGULAR GENOMICS SYSTEMS, INC.** **CA CERS HAZ WASTE** **S128624069**
SW **3010 SCIENCE PARK RD**
1/8-1/4 **SAN DIEGO, CA 92121**
0.189 mi.
1000 ft. **Site 4 of 4 in cluster K**

Relative: CERS HAZ WASTE:
Higher Name: SINGULAR GENOMICS SYSTEMS, INC.
Actual: Address: 3010 SCIENCE PARK RD
413 ft. City,State,Zip: SAN DIEGO, CA 92121
 Site ID: 611786
 CERS ID: 10895875
 CERS Description: Hazardous Waste Generator

Coordinates:
Site ID: 611786
Facility Name: Singular Genomics Systems, Inc.
Env Int Type Code: HMBP
Program ID: 10895875
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 32.902620
Longitude: -117.240570

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3010 Science Park Rd
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Laura Hale
Entity Title: Manager of Scientific Operations
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Singular Genomics Systems, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 333-7830,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS, INC. (Continued)

S128624069

Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
Entity Name: H.Scott Tillinghast, Occupational Services, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Singular Genomics Systems, Inc.
Entity Title: Not reported
Affiliation Address: 3010 Science Park Rd
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 333-7830,

Affiliation Type Desc: Parent Corporation
Entity Name: Singular Genomics Systems, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Laura Hale
Entity Title: Not reported
Affiliation Address: 3010 Science Park Rd
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

L93
SSW
1/8-1/4
0.205 mi.
1083 ft.

DATATAPE INC SPIN PHYSICS FACILITY
32.90185/-117.2388
SAN DIEGO, CA
Site 1 of 27 in cluster L

PFAS ECHO 1027349284
N/A

Relative:
Higher

PFAS ECHO:
Name: DATATAPE INC SPIN PHYSICS FACILITY
Address: 32.90185/-117.2388
City,State,Zip: SAN DIEGO, CA
Latitude: 32.90185

Actual:
359 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

DATATAPE INC SPIN PHYSICS FACILITY (Continued)

1027349284

Longitude: -117.2388
Count: -1
County: SAN DIEGO
Status: Inactive
Region: 09
Industry: Electronics Industry
ECHO Facility Report: <https://echo.epa.gov/detailed-facility-report?fid=110002144135>
Facility Percent Minority: 47.704
Facility Derived Tribes: Capitan Grande Band of Diegueno Mission Indians of California: Barona Group of Capitan Grande Band of Mission Indians of the Barona Reservation, California - 19.8 mile(s), Capitan Grande Band of Diegueno Mission Indians of California: Barona Group of Capi
Facility Population: 3088.03
EJSCREEN Flag US: Y
EJSCREEN Report: https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-117.2388,%22y%22:32.90185,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1
EPA Programs: RCRA
Federal Facility: No
Federal Agency: Not reported
Facility FIPS Code: 06073
Facility Indian Country Flag: N
Facility Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Facility Derived HUC: 18070304
Facility Derived WBD: 180703040403
Facility Derived CD113: 49
Facility Derived CB2010: 060730083391010
Facility Major Flag: Not reported
Facility Active Flag: Not reported
Facility Inspection Count: 0
Facility Date Last Inspection: 12/30/1991
Facility Days Last Inspection: 10,960
Facility Informal Count: 0
Facility Date Last Informal Action: Not reported
Facility Formal Action Count: 0
Facility Date Last Formal Action: Not reported
Facility Total Penalties: 0
Facility Penalty Count: Not reported
Facility Date Last Penalty: Not reported
Facility Last Penalty AMT: Not reported
Facility QTRS With NC: 0
Facility Programs With SNC: 0
Facility Compliance Status: No Violation Identified
Facility SNC Flag: N
AIR Flag: N
NPDES Flag: N
SDWIS Flag: N
RCRA Flag: Y
TRI Flag: N
GHG Flag: N
AIR IDS: Not reported
CAA Permit Types: Not reported
CAA NAICS: Not reported
CAA SICS: Not reported
NPDES IDS: Not reported
CWA Permit Types: Not reported
CWA NAICS: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

DATATAPE INC SPIN PHYSICS FACILITY (Continued)

1027349284

CWA SICs:	Not reported
RCRA IDS:	CAT080031180
RCRA Permit Types:	Other
RCRA NAICS:	334419
SDWA IDS:	Not reported
SDWA System Types:	Not reported
SDWA Compliance Status:	Not reported
SDWA SNC Flag:	N
TRI IDS:	92121SPNPH3099S
TRI Releases Transfers:	Not reported
TRI On Site Releases:	Not reported
TRI Off Site Transfers:	Not reported
TRI Reporter:	Not reported
Facility IMP Water Flag:	Not reported

M94
ESE
1/8-1/4
0.207 mi.
1093 ft.

PROGNOSYS BIOSCIENCES INC
11125 FLINTKOTE AVE STE A
SAN DIEGO, CA 92121

RCRA NonGen / NLR

1024838422
CAL000385236

Site 1 of 15 in cluster M

Relative:
Lower
Actual:
31 ft.

RCRA Listings:	
Date Form Received by Agency:	20130510
Handler Name:	PROGNOSYS BIOSCIENCES INC
Handler Address:	11125 FLINTKOTE AVE STE A
Handler City,State,Zip:	SAN DIEGO, CA 92121-1213
EPA ID:	CAL000385236
Contact Name:	CHRISSIE WILLIAMS
Contact Address:	11125 FLINTKOTE AVE STE A
Contact City,State,Zip:	SAN DIEGO, CA 92121
Contact Telephone:	858-459-2428
Contact Fax:	858-459-2429
Contact Email:	FACILITIES@PROGNOSYSBIO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	11125 FLINTKOTE AVE STE A
Mailing City,State,Zip:	SAN DIEGO, CA 92121-1213
Owner Name:	PROGNOSYS BIOSCIENCES INC
Owner Type:	Other
Operator Name:	CHRISSIE WILLIAMS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)
 EDR ID Number
 EPA ID Number

PROGNOSYS BIOSCIENCES INC (Continued)

1024838422

Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGNOSYS BIOSCIENCES INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11125 FLINTKOTE AVE STE A
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121-1213
Owner/Operator Telephone:	858-459-2428

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

PROGNOSYS BIOSCIENCES INC (Continued)

1024838422

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CHRISSIE WILLIAMS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11125 FLINTKOTE AVE STE A
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-459-2428
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20130510
Handler Name: PROGNOSYS BIOSCIENCES INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 54171
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

M95
ESE
1/8-1/4
0.207 mi.
1093 ft.

TRILINK BIO TECHNOLOGIES LLC
11125 FLINTKOTE AVE SUITE D
SAN DIEGO, CA 92121
Site 2 of 15 in cluster M

RCRA NonGen / NLR **1024856401**
CAL000420311

Relative:
Lower
Actual:
31 ft.

RCRA Listings:
Date Form Received by Agency: 20160921
Handler Name: TRILINK BIO TECHNOLOGIES LLC
Handler Address: 11125 FLINTKOTE AVE SUITE D
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000420311
Contact Name: RICHARD I HOGREFE
Contact Address: 9955 MESA RIM RD

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

Database(s)

TRILINK BIO TECHNOLOGIES LLC (Continued)

1024856401

Contact City,State,Zip:		SAN DIEGO, CA 92121
Contact Telephone:		858-546-0004
Contact Fax:		858-546-0020
Contact Email:		ACCOUNTING@TRILINKBIOTECH.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		9955 MESA RIM RD
Mailing City,State,Zip:		SAN DIEGO, CA 92121-0000
Owner Name:	TRILINK BIOTECHNOLOGIES LLC	
Owner Type:		Other
Operator Name:	RICHARD I HOGREFE	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TRILINK BIO TECHNOLOGIES LLC (Continued)

1024856401

Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180907
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: TRILINK BIOTECHNOLOGIES LLC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 9955 MESA RIM RD
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121-0000
Owner/Operator Telephone: 858-546-0004
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: RICHARD I HOGREFE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 9955 MESA RIM RD
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-546-0004
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20160921
Handler Name: TRILINK BIO TECHNOLOGIES LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

TRILINK BIO TECHNOLOGIES LLC (Continued)

1024856401

Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
 NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

M96
ESE
1/8-1/4
0.207 mi.
1093 ft.

NIELSEN BIOSCIENCES, INC
11125 FLINTKOTE AVENUE SUITE G
SAN DIEGO, CA 92121

RCRA NonGen / NLR **1024861592**
CAL000430077

Site 3 of 15 in cluster M

Relative:
Lower
Actual:
31 ft.

RCRA Listings:
 Date Form Received by Agency: 20170815
 Handler Name: NIELSEN BIOSCIENCES, INC
 Handler Address: 11125 FLINTKOTE AVENUE SUITE G
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000430077
 Contact Name: LISA FEY
 Contact Address: 11125 FLINTKOTE AVENUE SUITE G
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 619-402-0624
 Contact Fax: Not reported
 Contact Email: LISA@NIELSENBIO.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 11125 FLINTKOTE AVENUE SUITE G
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: NIELSEN BIOSCIENCES, INC.
 Owner Type: Other
 Operator Name: LISA FEY
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

NIELSEN BIOSCIENCES, INC (Continued)

1024861592

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:	
Owner/Operator Indicator:	Operator
Owner/Operator Name: LISA FEY	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11125 FLINTKOTE AVENUE SUITE G
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

NIELSEN BIOSCIENCES, INC (Continued)

1024861592

Owner/Operator Telephone: 619-402-0624
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NIELSEN BIOSCIENCES, INC.
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11125 FLINTKOTE AVENUE SUITE G
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 619-571-2726
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20170815
Handler Name: NIELSEN BIOSCIENCES, INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

M97 **ENCODIA INC** **RCRA NonGen / NLR** **1024862676**
ESE **11125 FLINTKOTE AVE STE B** **CAL000431198**
1/8-1/4 **SAN DIEGO, CA 92121**
0.207 mi.
1093 ft. **Site 4 of 15 in cluster M**

Relative: RCRA Listings:
Lower Date Form Received by Agency: 20171003
Actual: Handler Name: ENCODIA INC
31 ft. Handler Address: 11125 FLINTKOTE AVE STE B
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000431198
 Contact Name: ANN COLLINS
 Contact Address: 11125 FLINTKOTE AVE STE B

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

ENCODIA INC (Continued)

1024862676

Contact City,State,Zip:		SAN DIEGO, CA 92121
Contact Telephone:		858-345-6272
Contact Fax:		Not reported
Contact Email:		ACOLLINS@ENCODIA.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		11125 FLINTKOTE AVE STE B
Mailing City,State,Zip:		SAN DIEGO, CA 92121
Owner Name:	ENCODIA INC	
Owner Type:		Other
Operator Name:	ANN COLLINS	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ENCODIA INC (Continued)

1024862676

Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180907
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: ANN COLLINS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11125 FLINTKOTE AVE STE B
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-345-6272
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ENCODIA INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11125 FLINTKOTE AVE STE B
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-345-6272
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20171003
Handler Name: ENCODIA INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

ENCODIA INC (Continued)

1024862676

Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325413
 NAICS Description: IN-VITRO DIAGNOSTIC SUBSTANCE MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

M98
ESE
1/8-1/4
0.207 mi.
1093 ft.

GENSIGNIA LIFE SCIENCES INC
11125 FLINTKOTE AVE STE J
SAN DIEGO, CA 92121

RCRA NonGen / NLR

1024843537
CAL000395035

Site 5 of 15 in cluster M

Relative:
Lower
Actual:
31 ft.

RCRA Listings:
 Date Form Received by Agency: 20140313
 Handler Name: GENSIGNIA LIFE SCIENCES INC
 Handler Address: 11125 FLINTKOTE AVE STE J
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000395035
 Contact Name: ELISA ROMEO
 Contact Address: 11125 FLINTKOTE AVE STE J
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-337-7369
 Contact Fax: 858-408-7545
 Contact Email: ELISA.ROMEO@GENSIGNIA.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 11125 FLINTKOTE AVE STE J
 Mailing City,State,Zip: SAN DIEGO, CA 92121-0000
 Owner Name: GENSIGNIA LIFE SCIENCES INC
 Owner Type: Other
 Operator Name: ELISA ROMEO
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

GENSIGNIA LIFE SCIENCES INC (Continued)

1024843537

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GENSIGNIA LIFE SCIENCES INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11125 FLINTKOTE AVE STE J
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121-0000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENSIGNIA LIFE SCIENCES INC (Continued)

1024843537

Owner/Operator Telephone: 858-270-1594
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ELISA ROMEO
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11125 FLINTKOTE AVE STE J
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-337-7369
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20140313
Handler Name: GENSIGNIA LIFE SCIENCES INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 621512
NAICS Description: DIAGNOSTIC IMAGING CENTERS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

M99
ESE
1/8-1/4
0.207 mi.
1093 ft.

LABSIMPLY INC
11125 FLINTKOTE AVE STE A
SAN DIEGO, CA 92121
Site 6 of 15 in cluster M

RCRA NonGen / NLR **1027467170**
CAL000471482

Relative:
Lower
Actual:
31 ft.

RCRA Listings:
Date Form Received by Agency: 20220622
Handler Name: LABSIMPLY INC
Handler Address: 11125 FLINTKOTE AVE STE A
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000471482
Contact Name: KETKI SAWANT
Contact Address: 11125 FLINTKOTE AVE STE A

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

Database(s)

LABSIMPLY INC (Continued)

1027467170

Contact City,State,Zip:		SAN DIEGO, CA 92121
Contact Telephone:		630-853-4324
Contact Fax:		Not reported
Contact Email:		KETKI.SAWANT@LABSIMPLY.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		11125 FLINTKOTE AVE STE A
Mailing City,State,Zip:		SAN DIEGO, CA 92121
Owner Name:	LABSIMPLY INC	
Owner Type:		Other
Operator Name:	KETKI SAWANT	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

LABSIMPLY INC (Continued)

1027467170

Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220705
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: LABSIMPLY INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 WATERFORD PL
Owner/Operator City,State,Zip:	CHAMPAIGN, IL 61821
Owner/Operator Telephone:	630-853-4324
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: KETKI SAWANT	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11125 FLINTKOTE AVE STE A
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	630-853-4324
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20220622
Handler Name: LABSIMPLY INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

LABSIMPLY INC (Continued)

1027467170

Non Storage Recycler Activity: No
 Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 541715
 NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

M100
ESE
1/8-1/4
0.207 mi.
1093 ft.

LABSIMPLY, INC.
11125 FLINTKOTE AVE STE A
SAN DIEGO, CA 92121

CA San Diego Co. HMMD
CA CERS HAZ WASTE
CA HAZNET
CA CERS

S106060654
N/A

Site 7 of 15 in cluster M

Relative:
Lower
Actual:
31 ft.

HMMD SAN DIEGO:
 Name: SOUTHERN CA COMPOUNDING PHARMACY
 Address: 11125 FLINTKOTE AV
 City,State,Zip: SAN DIEGO, CA 92121
 Permit Number: 216758
 Business Type: 6HK10
 EPA Id Number: Not reported
 APN: 310-120-22-00
 Last HMMD Inspection: 07/20/2012
 Facility Telephone: 858-622-1283
 Permit Status: OPEN
 Permit Expiration: 12/31/2012
 Date Last Updated: 11/02/2012
 Facility Owner: SOUTHERN CA COMPOUNDING PHARMACY
 Facility Mailing Address: 11125 FLINTKOTE AV #F
 Facility Mailing City: SAN DIEGO
 Facility Mailing State: CA
 Facility Mailing Zip: 92121
 UST Owner: Not reported
 Handle Regulated Hazmat: Not reported
 Own Or Operate UST: Not reported
 Subject To APSA: Not reported
 Generate Haz Waste: Not reported
 Treat Haz Waste: Not reported
 Generate Medical Waste: Y

Inventory Active Permits (SQG Medical):

Permit Number: 216758
 Update Date: 11/02/2012
 Case Number: Not reported
 Name: WASTE 311 PHARMACEUTICAL WASTE
 Other Information: NON-RCRA
 Material Waste: Waste
 Hazardous Categories 1: Not reported
 Hazardous Categories 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

LABSIMPLY, INC. (Continued)

S106060654

Name: KENT BIOENERGY CORPORATION
Address: 11125 FLINTKOTE AV
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 108269
Business Type: 6HK70
EPA Id Number: CAL000315799
APN: 310-120-22-00
Last HMMD Inspection: 02/15/2011
Facility Telephone: 858-452-5765
Permit Status: OPEN
Permit Expiration: 11/30/2012
Date Last Updated: 11/02/2012
Facility Owner: KENT BIOENERGY CORPORATION
Facility Mailing Address: 11125 FLINTKOTE AV #J
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121-
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 108269
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 211 HALOGENATED SOLVENTS
Other Information: CHLOROFORM/ PHENOL WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 108269
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Other Information: RED BAGS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 108269
Update Date: 11/02/2012
Inspection Date: 01/16/2008
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank.
66262.34(f)
Activity: ACTIVE

Permit Number: 108269
Update Date: 11/02/2012
Inspection Date: 07/28/2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

LABSIMPLY, INC. (Continued)

S106060654

Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE
Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200(c)
Activity: ACTIVE

Permit Number: 108269
Update Date: 11/02/2012
Inspection Date: 07/28/2009
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

Permit Number: 108269
Update Date: 11/02/2012
Inspection Date: 01/28/2004
Violation Code: 6HV0402
Violation: TRAINING PROGRAM NOT ADEQUATE
Violation Citation: Personnel training is not adequate to ensure compliance with hazardous waste regulations. CCR 66265.16(a)&(b)
Activity: ACTIVE

Name: KENT BIOENERGY CORPORATION
Address: 11125 FLINTKOTE AV
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 108269
Business Type: 6HK70
EPA Id Number: CAL000315799
APN: 310-120-22-00
Last HMMD Inspection: 02/15/2011
Facility Telephone: 858-452-5765
Permit Status: OPEN
Permit Expiration: 11/30/2012
Date Last Updated: 11/02/2012
Facility Owner: KENT BIOENERGY CORPORATION
Facility Mailing Address: 11125 FLINTKOTE AV #J
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121-
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 108269
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 211 HALOGENATED SOLVENTS
Other Information: CHLOROFORM/ PHENOL WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

LABSIMPLY, INC. (Continued)

S106060654

Hazardous Categories 2: Not reported

Permit Number: 108269
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Other Information: RED BAGS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 108269
Update Date: 11/02/2012
Inspection Date: 01/16/2008
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank.
66262.34(f)
Activity: ACTIVE

Permit Number: 108269
Update Date: 11/02/2012
Inspection Date: 07/28/2009
Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE
Violation Citation: Generator of a waste has not determined if that waste is a hazardous
waste as defined by law. CCR 66262.11 & 66260.200(c)
Activity: ACTIVE

Permit Number: 108269
Update Date: 11/02/2012
Inspection Date: 07/28/2009
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank.
66262.34(f)
Activity: ACTIVE

Permit Number: 108269
Update Date: 11/02/2012
Inspection Date: 01/28/2004
Violation Code: 6HV0402
Violation: TRAINING PROGRAM NOT ADEQUATE
Violation Citation: Personnel training is not adequate to ensure compliance with hazardous
waste regulations. CCR 66265.16(a)&(b)
Activity: ACTIVE

CERS HAZ WASTE:

Name: LABSIMPLY, INC.
Address: 11125 FLINTKOTE AVE STE A
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 614285
CERS ID: 10402843
CERS Description: Hazardous Waste Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

LABSIMPLY, INC. (Continued)

S106060654

Name: NIELSEN BIOSCIENCES, INC.
Address: 11125 FLINTKOTE AVE STE G
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 425478
CERS ID: 10742194
CERS Description: Hazardous Waste Generator

HAZNET:

Name: NIELSEN BIOSCIENCES INC
Address: 11125 FLINTKOTE AVENUE SUITE G
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Contact: DAVID BURNEY
Telephone: 8585712720
Mailing Name: Not reported
Mailing Address: 11125 FLINTKOTE AVENUE SUITE G

Year: 2021
Gepaid: CAL000430077
TSD EPA ID: NED981723513
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.015

Year: 2021
Gepaid: CAL000430077
TSD EPA ID: TXD982560294
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0125

Year: 2020
Gepaid: CAL000430077
TSD EPA ID: NED981723513
CA Waste Code: 352 - Other organic solids
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.0425

Year: 2020
Gepaid: CAL000430077
TSD EPA ID: CAD059494310
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0175

Year: 2020
Gepaid: CAL000430077
TSD EPA ID: UTD981552177
CA Waste Code: 352 - Other organic solids
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.0375

Year: 2019
Gepaid: CAL000430077

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

LABSIMPLY, INC. (Continued)

S106060654

TSD EPA ID: UTD981552177
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.01750

Year: 2019
Gepaid: CAL000430077
TSD EPA ID: CAD059494310
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.09500

Year: 2018
Gepaid: CAL000430077
TSD EPA ID: CAD059494310
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.00900

Year: 2018
Gepaid: CAL000430077
TSD EPA ID: CAD059494310
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.02750

Detail Two:

Year: 2020
EM Manifest ID: a64b9d0f-d773-4f11-89e9-204a58406a91
Shipment Date: 8/20/2020
Receipt Date: 9/13/2020
Manifest Number: 000304801DAT
Generator EPA ID: CAL000430077
Name: NIELSEN BIOSCIENCES, INC.
Address: 11125 FLINTKOTE AVE, SUITE G
Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718
Contact: Lisa Fey
Contact Telephone: 858-571-2726
Transporter 1 EPA ID: CAR000179747
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: NED981723513
TSDF Name: Clean Harbors Environmental Services, Inc.
TSDF Address 1: 2247 South Highway 71
TSDF Address 2: Not reported
TSDF City: Kimball
TSDF Zip: 69145
TSDF Telephone: 800-483-3718

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

LABSIMPLY, INC. (Continued)

S106060654

State:
Year: 2020
EM Manifest ID: a64b9d0f-d773-4f11-89e9-204a58406a91
Generator EPA ID: CAL000430077
Shipment Date: 2020-08-20
Manifest Number: 000304801DAT
Line Number: 1
Method Code: H040
Quantity Tons: 0.01500
Quantity Waste: 30.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 352

Year: 2020
EM Manifest ID: 96c5b0bc-21ed-41dd-931a-2d6674c5e2c5
Shipment Date: 7/2/2020
Receipt Date: 7/31/2020
Manifest Number: 000321913DAT
Generator EPA ID: CAL000430077
Name: NIELSEN BIOSCIENCES, INC.
Address: 11125 FLINTKOTE AVE, SUITE G
Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718
Contact: Lisa Fey
Contact Telephone: 858-571-2726
Transporter 1 EPA ID: CAR000179747
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: UTD981552177
TSDf Name: Clean Harbors Aragonite LLC
TSDf Address 1: 11600 North Aptus Road
TSDf Address 2: Not reported
TSDf City: Grantsville
TSDf Zip: 84029
TSDf Telephone: 800-483-3718

State:
Year: 2020
EM Manifest ID: 96c5b0bc-21ed-41dd-931a-2d6674c5e2c5
Generator EPA ID: CAL000430077
Shipment Date: 2020-07-02
Manifest Number: 000321913DAT
Line Number: 1
Method Code: H040
Quantity Tons: 0.03750
Quantity Waste: 75.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

LABSIMPLY, INC. (Continued)

S106060654

State Code: 352

Year: 2020
EM Manifest ID: 2076d9c1-9b99-4c4e-b937-2d50cffb855a
Shipment Date: 10/5/2020
Receipt Date: 11/6/2020
Manifest Number: 000338347DAT
Generator EPA ID: CAL000430077
Name: NIELSEN BIOSCIENCES, INC.
Address: 11125 FLINTKOTE AVE, SUITE G
Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718
Contact: Lisa Fey
Contact Telephone: 858-571-2726
Transporter 1 EPA ID: CAR000179747
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: NED981723513
TSDf Name: Clean Harbors Environmental Services, Inc.
TSDf Address 1: 2247 South Highway 71
TSDf Address 2: Not reported
TSDf City: Kimball
TSDf Zip: 69145
TSDf Telephone: 800-483-3718

State:

Year: 2020
EM Manifest ID: 2076d9c1-9b99-4c4e-b937-2d50cffb855a
Generator EPA ID: CAL000430077
Shipment Date: 2020-10-05
Manifest Number: 000338347DAT
Line Number: 1
Method Code: H040
Quantity Tons: 0.02750
Quantity Waste: 55.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 352

Year: 2020
EM Manifest ID: 1009764
Shipment Date: 1/7/2020
Receipt Date: 1/27/2020
Manifest Number: 000303935DAT
Generator EPA ID: CAL000430077
Name: NIELSEN BIOSCIENCES, INC.
Address: 11125 FLINTKOTE AVE, SUITE G
Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

LABSIMPLY, INC. (Continued)

S106060654

Contact: Lisa Fey
Contact Telephone: 858-571-2726
Transporter 1 EPA ID: CAR000179747
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAR000179747
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: CAD059494310
TSDf Name: Clean Harbors San Jose LLC
TSDf Address 1: 1021 Berryessa Road
TSDf Address 2: Not reported
TSDf City: San Jose
TSDf Zip: 95133
TSDf Telephone: 800-483-3718

State:
Year: 2020
EM Manifest ID: 1009764
Generator EPA ID: CAL000430077
Shipment Date: 2020-01-07
Manifest Number: 000303935DAT
Line Number: 1
Method Code: H141
Quantity Tons: 0.01750
Quantity Waste: 35.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 352

Detail Two:
Year: 2019
EM Manifest ID: 36596
Shipment Date: 9/24/2019
Receipt Date: 10/14/2019
Manifest Number: 000287704DAT
Generator EPA ID: CAL000430077
Name: NIELSEN BIOSCIENCES, INC.
Address: 11125 FLINTKOTE AVE, SUITE G
Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718
Contact: Lisa Fey
Contact Telephone: 858-571-2726
Transporter 1 EPA ID: CAR000179747
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: CAD059494310
TSDf Name: Clean Harbors San Jose LLC
TSDf Address 1: 1021 Berryessa Road
TSDf Address 2: Not reported
TSDf City: San Jose
TSDf Zip: 95133
TSDf Telephone: 800-483-3718

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

LABSIMPLY, INC. (Continued)

S106060654

State:
Year: 2019
EM Manifest ID: 36596
Generator EPA ID: CAL000430077
Shipment Date: 2019-09-24
Manifest Number: 000287704DAT
Line Number: 1
Method Code: H141
Quantity Tons: 0.05000
Quantity Waste: 100.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 352

Year: 2019
EM Manifest ID: 542639
Shipment Date: 7/8/2019
Receipt Date: 7/29/2019
Manifest Number: 000241536DAT
Generator EPA ID: CAL000430077
Name: NIELSEN BIOSCIENCES, INC.
Address: 11125 FLINTKOTE AVE, SUITE G
Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718
Contact: Lisa Fey
Contact Telephone: 858-571-2726
Transporter 1 EPA ID: CAR000179747
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAR000179747
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: CAD059494310
TSDf Name: Clean Harbors San Jose LLC
TSDf Address 1: 1021 Berryessa Road
TSDf Address 2: Not reported
TSDf City: San Jose
TSDf Zip: 95133
TSDf Telephone: 800-483-3718

State:
Year: 2019
EM Manifest ID: 542639
Generator EPA ID: CAL000430077
Shipment Date: 2019-07-08
Manifest Number: 000241536DAT
Line Number: 1
Method Code: H141
Quantity Tons: 0.02000
Quantity Waste: 40.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

LABSIMPLY, INC. (Continued)

S106060654

State Code: 352

Year: 2019
EM Manifest ID: 542611
Shipment Date: 4/3/2019
Receipt Date: 4/16/2019
Manifest Number: 000240857DAT
Generator EPA ID: CAL000430077
Name: NIELSEN BIOSCIENCES, INC.
Address: 11125 FLINTKOTE AVE, SUITE G
Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718
Contact: Lisa Fey
Contact Telephone: 858-571-2726
Transporter 1 EPA ID: CAR000179747
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAR000179747
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: CAD059494310
TSDf Name: Clean Harbors San Jose LLC
TSDf Address 1: 1021 Berryessa Road
TSDf Address 2: Not reported
TSDf City: San Jose
TSDf Zip: 95133
TSDf Telephone: 800-483-3718

State:

Year: 2019
EM Manifest ID: 542611
Generator EPA ID: CAL000430077
Shipment Date: 2019-04-03
Manifest Number: 000240857DAT
Line Number: 1
Method Code: H141
Quantity Tons: 0.02500
Quantity Waste: 50.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 352

Year: 2019
EM Manifest ID: 263903
Shipment Date: 12/27/2018
Receipt Date: 1/14/2019
Manifest Number: 000246682DAT
Generator EPA ID: CAL000430077
Name: NIELSEN BIOSCIENCES, INC.
Address: 11125 FLINTKOTE AVE, SUITE G
Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

LABSIMPLY, INC. (Continued)

S106060654

Contact: Lisa Fey
Contact Telephone: 858-571-2726
Transporter 1 EPA ID: CAR000179747
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAR000179747
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: CAD059494310
TSDf Name: Clean Harbors San Jose LLC
TSDf Address 1: 1021 Berryessa Road
TSDf Address 2: Not reported
TSDf City: San Jose
TSDf Zip: 95133
TSDf Telephone: 800-483-3718

State:

Year: 2019
EM Manifest ID: 263903
Generator EPA ID: CAL000430077
Shipment Date: 2018-12-27
Manifest Number: 000246682DAT
Line Number: 1
Method Code: H141
Quantity Tons: 0.02000
Quantity Waste: 40.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 352

Year: 2019
EM Manifest ID: 797067
Shipment Date: 11/5/2019
Receipt Date: 11/25/2019
Manifest Number: 000303513DAT
Generator EPA ID: CAL000430077
Name: NIELSEN BIOSCIENCES, INC.
Address: 11125 FLINTKOTE AVE, SUITE G
Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718
Contact: Lisa Fey
Contact Telephone: 858-571-2726
Transporter 1 EPA ID: CAR000179747
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAR000179747
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: UTD981552177
TSDf Name: Clean Harbors Aragonite LLC
TSDf Address 1: PO Box 1339
TSDf Address 2: Not reported
TSDf City: Grantsville
TSDf Zip: 84029
TSDf Telephone: 800-483-3718

State:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

LABSIMPLY, INC. (Continued)

S106060654

Year: 2019
EM Manifest ID: 797067
Generator EPA ID: CAL000430077
Shipment Date: 2019-11-05
Manifest Number: 000303513DAT
Line Number: 1
Method Code: H040
Quantity Tons: 0.01750
Quantity Waste: 35.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 135

Detail Two:

Year: 2018
EM Manifest ID: 142370
Shipment Date: 9/17/2018
Receipt Date: 10/2/2018
Manifest Number: 017198857JJK
Generator EPA ID: CAL000430077
Name: NIELSEN BIOSCIENCES, INC.
Address: 11125 FLINTKOTE AVE, SUITE G
Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718
Contact: Lisa Fey
Contact Telephone: 858-571-2726
Transporter 1 EPA ID: CAR000179747
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: CAD059494310
TSDf Name: Clean Harbors San Jose LLC
TSDf Address 1: 1021 Berryessa Road
TSDf Address 2: Not reported
TSDf City: San Jose
TSDf Zip: 95133
TSDf Telephone: 800-483-3718

Federal:

Year: 2018
EM Manifest ID: 142370
Generator EPA ID: CAL000430077
Shipment Date: 2018-09-17
Manifest Number: 017198857JJK
Line Number: 1
Method Code: H141
Quantity Tons: 0.00250
Quantity Waste: 5.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

LABSIMPLY, INC. (Continued)

S106060654

Federal Code: D001

Year: 2018
EM Manifest ID: 142370
Generator EPA ID: CAL000430077
Shipment Date: 2018-09-17
Manifest Number: 017198857JJK
Line Number: 2
Method Code: H141
Quantity Tons: 0.00250
Quantity Waste: 5.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D002

State:
Year: 2018
EM Manifest ID: 142370
Generator EPA ID: CAL000430077
Shipment Date: 2018-09-17
Manifest Number: 017198857JJK
Line Number: 1
Method Code: H141
Quantity Tons: 0.00250
Quantity Waste: 5.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

Year: 2018
EM Manifest ID: 142370
Generator EPA ID: CAL000430077
Shipment Date: 2018-09-17
Manifest Number: 017198857JJK
Line Number: 2
Method Code: H141
Quantity Tons: 0.00250
Quantity Waste: 5.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

Year: 2018
EM Manifest ID: 142370
Generator EPA ID: CAL000430077
Shipment Date: 2018-09-17
Manifest Number: 017198857JJK
Line Number: 3
Method Code: H141
Quantity Tons: 0.00400
Quantity Waste: 8.000000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

LABSIMPLY, INC. (Continued)

S106060654

Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

Year: 2018
EM Manifest ID: 017198338JJK20180611_D_1
Shipment Date: 6/11/2018
Receipt Date: 6/26/2018
Manifest Number: 017198338JJK
Generator EPA ID: CAL000430077
Name: NIELSEN BIOSCIENCES INC
Address: Not reported
Address 2: Not reported
City: Not reported
Zip: Not reported
Telephone: Not reported
Contact: Not reported
Contact Telephone: Not reported
Transporter 1 EPA ID: CAR000179747
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: CAD059494310
TSDf Name: CLEAN HARBORS SAN JOSE LLC
TSDf Address 1: Not reported
TSDf Address 2: Not reported
TSDf City: Not reported
TSDf Zip: Not reported
TSDf Telephone: Not reported

State:

Year: 2018
EM Manifest ID: 017198338JJK20180611_D_1
Generator EPA ID: CAL000430077
Shipment Date: 2018-06-11
Manifest Number: 017198338JJK
Line Number: 1
Method Code: H141
Quantity Tons: 0.00750
Quantity Waste: 15.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
State Code: 352

CERS:

Name: NIELSEN BIOSCIENCES, INC.
Address: 11125 FLINTKOTE AVE STE G
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 425478
CERS ID: 10742194
CERS Description: Chemical Storage Facilities

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

LABSIMPLY, INC. (Continued)

S106060654

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-16-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Quintong Sean Inspection ID:6265874
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Operator
Entity Name: Nielsen Biosciences, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 571-2726,

Affiliation Type Desc: Property Owner
Entity Name: BioMed Realty Trust Inc.
Entity Title: Not reported
Affiliation Address: 17190 Bernardo Center Drive
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92128
Affiliation Phone: (858) 485-9840,

Affiliation Type Desc: Document Preparer
Entity Name: Robert Chavez
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Robert Chavez
Entity Title: EHS Consultant
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Nielsen Biosciences, Inc.
Entity Title: Not reported
Affiliation Address: 11125 Flintkote Ave., Ste. G
Affiliation City: San Diego

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

LABSIMPLY, INC. (Continued)

S106060654

Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 571-2726,

Affiliation Type Desc: Environmental Contact
Entity Name: David Burney
Entity Title: Not reported
Affiliation Address: 11125 Flintkote Ave Ste G
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 11125 Flintkote Ave., Ste. G
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Parent Corporation
Entity Name: Nielsen Biosciences, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: LABSIMPLY, INC.
Address: 11125 FLINTKOTE AVE STE A
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 614285
CERS ID: 10402843
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 614285
Site Name: LabSimply, Inc.
Violation Date: 12-02-2016
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

LABSIMPLY, INC. (Continued)

S106060654

Violation Description: Chapter 12, Section(s) 66262.40(a)
Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.

Violation Notes: Returned to compliance on 12/09/2016.

Violation Division: San Diego County Department of Env Health

Violation Program: HW

Violation Source: CERS,

Site ID: 614285

Site Name: LabSimply, Inc.

Violation Date: 12-02-2016

Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173

Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.

Violation Notes: Returned to compliance on 12/09/2016.

Violation Division: San Diego County Department of Env Health

Violation Program: HW

Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection

Eval Date: 12-02-2016

Violations Found: No

Eval Type: Routine done by local agency

Eval Notes: Inspector: Thai Darren Inspection ID:5502982

Eval Division: San Diego County Department of Env Health

Eval Program: HMRRP

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

Eval Date: 12-02-2016

Violations Found: Yes

Eval Type: Routine done by local agency

Eval Notes: Inspector: Thai Darren Inspection ID:5502982

Eval Division: San Diego County Department of Env Health

Eval Program: HW

Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Facility Mailing Address

Entity Name: Mailing Address

Entity Title: Not reported

Affiliation Address: 11125 Flintkote Ave Ste A

Affiliation City: San Diego

Affiliation State: CA

Affiliation Country: Not reported

Affiliation Zip: 92121

Affiliation Phone: ,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

LABSIMPLY, INC. (Continued)

S106060654

Affiliation Type Desc: Environmental Contact
Entity Name: Ketki Sawant
Entity Title: Not reported
Affiliation Address: 11125 Flintkote Ave Ste A
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Ketki Sawant
Entity Title: Lab Operations Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: LabSimply, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (630) 853-4324,

Affiliation Type Desc: Parent Corporation
Entity Name: LabSimply, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Legal Owner
Entity Name: LabSimply, Inc.
Entity Title: Not reported
Affiliation Address: 11125 Flintkote Ave Ste A
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

LABSIMPLY, INC. (Continued)

S106060654

Affiliation Zip: 92121
 Affiliation Phone: (630) 853-4324,

**L101
 SW
 1/8-1/4
 0.209 mi.
 1103 ft.**

**CORVAS INTERNATIONAL INC
 3030 SCIENCE PARK RD
 SAN DIEGO, CA 92121
 Site 2 of 27 in cluster L**

**RCRA-SQG 1000905058
 FINDS CA0000302984
 ECHO
 CA HAZNET
 CA HWTS**

**Relative:
 Higher
 Actual:
 372 ft.**

RCRA Listings:
 Date Form Received by Agency: 19960901
 Handler Name: CORVAS INTERNATIONAL INC
 Handler Address: 3030 SCIENCE PARK RD
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CA0000302984
 Contact Name: Not reported
 Contact Address: Not reported
 Contact City,State,Zip: Not reported
 Contact Telephone: Not reported
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Private
 Federal Waste Generator Description: Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: SCIENCE PARK RD
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: CORVAS INTERNATIONAL INC
 Owner Type: Private
 Operator Name: Not reported
 Operator Type: Not reported
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: NN
 Sub-Part K Indicator: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CORVAS INTERNATIONAL INC (Continued)

1000905058

Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDs Where RCRA CA has Been Imposed Universe: No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSD Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20000915
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: CORVAS INTERNATIONAL INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3030 SCIENCE PARK RD
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 619-455-9800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19960901
Handler Name: CORVAS INTERNATIONAL INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No

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Database(s)
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CORVAS INTERNATIONAL INC (Continued)

1000905058

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960212
Handler Name: CORUAS INTERNATIONAL INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110000781280

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110070677948

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID
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MAP FINDINGS

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Database(s)
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CORVAS INTERNATIONAL INC (Continued)

1000905058

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000905058
Registry ID: 110000781280
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110000781280>
Name: CORVAS INTERNATIONAL INC
Address: 3030 SCIENCE PARK RD
City,State,Zip: SAN DIEGO, CA 92121

HAZNET:

Name: CORVAS INTERNATIONAL INC
Address: 3030 SCIENCE PARK RD
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 921210000
Contact: M GREENWOOD FACILITIES MGR
Telephone: 6194559800
Mailing Name: Not reported
Mailing Address: 3030 SCIENCE PARK RD

Year: 2003
Gepaid: CA0000302984
TSD EPA ID: CAD044429835
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: D99 - Disposal, Other
Tons: 0.001

Year: 2002
Gepaid: CA0000302984
TSD EPA ID: CAD044429835
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: D99 - Disposal, Other
Tons: 0.0025

Year: 2002
Gepaid: CA0000302984
TSD EPA ID: CAD044429835
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: -
Tons: 0.0015

Year: 2002
Gepaid: CA0000302984
TSD EPA ID: CAD044429835
CA Waste Code: -
Disposal Method: D99 - Disposal, Other
Tons: Not reported

Year: 2001
Gepaid: CA0000302984
TSD EPA ID: CAD044429835
CA Waste Code: 352 - Other organic solids
Disposal Method: D99 - Disposal, Other
Tons: 0.0325

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CORVAS INTERNATIONAL INC (Continued)

1000905058

Year:	2001
Gepaid:	CA0000302984
TSD EPA ID:	CAD044429835
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	D99 - Disposal, Other
Tons:	0.009
Year:	2001
Gepaid:	CA0000302984
TSD EPA ID:	CAD044429835
CA Waste Code:	792 - Liquids with pH <= 2 with metals
Disposal Method:	D99 - Disposal, Other
Tons:	0.025
Year:	2000
Gepaid:	CA0000302984
TSD EPA ID:	CAD044429835
CA Waste Code:	751 - Solids or sludges with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	D99 - Disposal, Other
Tons:	0.1125
Year:	2000
Gepaid:	CA0000302984
TSD EPA ID:	AZD049318009
CA Waste Code:	792 - Liquids with pH <= 2 with metals
Disposal Method:	T03 - Treatment, Incineration
Tons:	0.008
Year:	2000
Gepaid:	CA0000302984
TSD EPA ID:	AZD049318009
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	D80 - Disposal, Land Fill
Tons:	0.0125

[Click this hyperlink](#) while viewing on your computer to access 43 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2003
Gen EPA ID:	CA0000302984
Shipment Date:	20030212
Creation Date:	5/19/2003 18:31:05
Receipt Date:	20030221
Manifest ID:	21542735
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics

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CORVAS INTERNATIONAL INC (Continued)

1000905058

RCRA Code: D009
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.001
Waste Quantity: 2
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2002
Gen EPA ID: CA0000302984

Shipment Date: 20021218
Creation Date: 3/31/2003 18:31:15
Receipt Date: 20021227
Manifest ID: 21542558
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: D99 - Disposal, Other
Quantity Tons: Not reported
Waste Quantity: Not reported
Quantity Unit: Not reported
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20021218
Creation Date: 3/31/2003 18:31:15
Receipt Date: 20021227
Manifest ID: 21542558
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D009
Meth Code: - Not reported
Quantity Tons: 0.0015
Waste Quantity: 3
Quantity Unit: P

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MAP FINDINGS

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Database(s) EDR ID Number
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CORVAS INTERNATIONAL INC (Continued)

1000905058

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020514
Creation Date: 1/24/2003 18:31:04
Receipt Date: 20020517
Manifest ID: 21842813
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D009
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.0025
Waste Quantity: 5
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2001
Gen EPA ID: CA0000302984

Shipment Date: 20011116
Creation Date: 1/16/2002 0:00:00
Receipt Date: 20011121
Manifest ID: 21283201
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: CAD044429835
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.0125
Waste Quantity: 25
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

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CORVAS INTERNATIONAL INC (Continued)

1000905058

Shipment Date:	20011116
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011121
Manifest ID:	21283215
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD044429835
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010824
Creation Date:	10/23/2001 0:00:00
Receipt Date:	20010831
Manifest ID:	20861451
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD044429835
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D009
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.009
Waste Quantity:	18
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010717
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010720
Manifest ID:	20861337
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835

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CORVAS INTERNATIONAL INC (Continued)

1000905058

Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.02
Waste Quantity: 40
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2000
Gen EPA ID: CA0000302984

Shipment Date: 20001020
Creation Date: 1/9/2001 0:00:00
Receipt Date: 20001027
Manifest ID: 20120757
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: AZD049318009
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D002
Meth Code: T03 - Treatment, Incineration
Quantity Tons: 0.008
Waste Quantity: 16
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000609
Creation Date: 8/1/2000 0:00:00
Receipt Date: 20000613
Manifest ID: 20120622
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D001

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CORVAS INTERNATIONAL INC (Continued)

1000905058

Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000609
Creation Date:	8/1/2000 0:00:00
Receipt Date:	20000613
Manifest ID:	99779078
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.225
Waste Quantity:	450
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000530
Creation Date:	8/1/2000 0:00:00
Receipt Date:	20000609
Manifest ID:	99779093
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD044429835
TSDf Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.1125
Waste Quantity:	225
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

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CORVAS INTERNATIONAL INC (Continued)

1000905058

Shipment Date: 20000530
Creation Date: 8/1/2000 0:00:00
Receipt Date: 20000609
Manifest ID: 99779093
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: CAD044429835
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.225
Waste Quantity: 450
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000530
Creation Date: 7/12/2000 0:00:00
Receipt Date: 20000608
Manifest ID: 20120786
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: AZD049318009
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D009
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 0.0125
Waste Quantity: 25
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000530
Creation Date: 8/1/2000 0:00:00
Receipt Date: 20000606
Manifest ID: 20120785
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835

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CORVAS INTERNATIONAL INC (Continued)

1000905058

Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.125
Waste Quantity: 250
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000523
Creation Date: 7/12/2000 0:00:00
Receipt Date: 20000526
Manifest ID: 99779092
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.125
Waste Quantity: 250
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000519
Creation Date: 7/12/2000 0:00:00
Receipt Date: 20000523
Manifest ID: 99779079
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.1375
Waste Quantity: 275
Quantity Unit: P

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CORVAS INTERNATIONAL INC (Continued)

1000905058

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000516
Creation Date: 7/12/2000 0:00:00
Receipt Date: 20000523
Manifest ID: 99775559
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1999
Gen EPA ID: CA0000302984

Shipment Date: 19991217
Creation Date: 2/15/2000 0:00:00
Receipt Date: Not reported
Manifest ID: 99724322
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D001
Meth Code: - Not reported
Quantity Tons: 0.1251
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

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CORVAS INTERNATIONAL INC (Continued)

1000905058

Shipment Date:	19991217
Creation Date:	2/15/2000 0:00:00
Receipt Date:	Not reported
Manifest ID:	99754171
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991217
Creation Date:	2/15/2000 0:00:00
Receipt Date:	Not reported
Manifest ID:	99754171
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991210
Creation Date:	2/15/2000 0:00:00
Receipt Date:	19991214
Manifest ID:	99754315
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835

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CORVAS INTERNATIONAL INC (Continued)

1000905058

Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.1251
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19991203
Creation Date: 2/1/2000 0:00:00
Receipt Date: 19991207
Manifest ID: 99754236
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19991124
Creation Date: 2/1/2000 0:00:00
Receipt Date: 19991130
Manifest ID: 99724002
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.016
Waste Quantity: 32
Quantity Unit: P

Map ID
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MAP FINDINGS

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Database(s) EDR ID Number
EPA ID Number

CORVAS INTERNATIONAL INC (Continued)

1000905058

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991124
Creation Date:	2/1/2000 0:00:00
Receipt Date:	19991130
Manifest ID:	99729363
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991124
Creation Date:	1/19/2000 0:00:00
Receipt Date:	19991201
Manifest ID:	99724001
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D009
Meth Code:	- Not reported
Quantity Tons:	0.0055
Waste Quantity:	11
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991119
Creation Date:	2/1/2000 0:00:00
Receipt Date:	19991123

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CORVAS INTERNATIONAL INC (Continued)

1000905058

Manifest ID: 99729310
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.1251
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19991119
Creation Date: 2/1/2000 0:00:00
Receipt Date: 19991123
Manifest ID: 99729309
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1998
Gen EPA ID: CA0000302984

Shipment Date: 19981223
Creation Date: 2/26/1999 0:00:00
Receipt Date: 19981231
Manifest ID: 98815597
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CORVAS INTERNATIONAL INC (Continued)

1000905058

TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.1251
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19981218
Creation Date: 2/8/1999 0:00:00
Receipt Date: 19981222
Manifest ID: 98815580
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F005
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.075
Waste Quantity: 150
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19981218
Creation Date: 2/8/1999 0:00:00
Receipt Date: 19981222
Manifest ID: 98815580
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.2293
Waste Quantity: 55

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CORVAS INTERNATIONAL INC (Continued)

1000905058

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981218
Creation Date:	3/1/1999 0:00:00
Receipt Date:	19981223
Manifest ID:	98815579
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008252405
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD008252405
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D035
Meth Code:	R01 - Recycler
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981218
Creation Date:	2/2/1999 0:00:00
Receipt Date:	19981222
Manifest ID:	98815581
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	AZD049318009
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	U151
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981211
Creation Date:	2/2/1999 0:00:00

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CORVAS INTERNATIONAL INC (Continued)

1000905058

Receipt Date: 19981218
Manifest ID: 98878903
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19981211
Creation Date: 2/2/1999 0:00:00
Receipt Date: 19981218
Manifest ID: 98878903
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.3544
Waste Quantity: 85
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19981208
Creation Date: 1/21/1999 0:00:00
Receipt Date: 19981211
Manifest ID: 98241519
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CORVAS INTERNATIONAL INC (Continued)

1000905058

TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19981130
Creation Date: 1/21/1999 0:00:00
Receipt Date: 19981204
Manifest ID: 98878813
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.4587
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19981120
Creation Date: 1/13/1999 0:00:00
Receipt Date: 19981125
Manifest ID: 98611271
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CORVAS INTERNATIONAL INC (Continued)

1000905058

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1997
Gen EPA ID: CA0000302984

Shipment Date: 19971222
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19971230
Manifest ID: 97335846
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: CAD044429835
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19971212
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19971216
Manifest ID: 97335495
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: CAD044429835
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.417
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19971203

Map ID
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CORVAS INTERNATIONAL INC (Continued)

1000905058

Creation Date: 7/23/1998 0:00:00
Receipt Date: 19971209
Manifest ID: 97335418
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: CAD044429835
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.3544
Waste Quantity: 85
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19971121
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19971125
Manifest ID: 97335234
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: CAD044429835
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.3336
Waste Quantity: 80
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19971114
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19971118
Manifest ID: 96775965
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CORVAS INTERNATIONAL INC (Continued)

1000905058

TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.1251
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19971107
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19971111
Manifest ID: 96775805
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19971107
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19971111
Manifest ID: 96775805
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.3544
Waste Quantity: 85
Quantity Unit: G
Additional Code 1: Not reported

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CORVAS INTERNATIONAL INC (Continued)

1000905058

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971031
Creation Date:	3/18/1998 0:00:00
Receipt Date:	Not reported
Manifest ID:	96775865
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.2919
Waste Quantity:	70
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971031
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971104
Manifest ID:	96775782
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.2919
Waste Quantity:	70
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971024
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971028
Manifest ID:	96774854

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CORVAS INTERNATIONAL INC (Continued)

1000905058

Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.4587
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1996
Gen EPA ID: CA0000302984

Shipment Date: 19961220
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19961227
Manifest ID: 96397960
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: - Not reported
Quantity Tons: 0.5838
Waste Quantity: 140
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19961213
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19961220
Manifest ID: 96397903
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CORVAS INTERNATIONAL INC (Continued)

1000905058

Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: - Not reported
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19961206
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19961210
Manifest ID: 96397828
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.5004
Waste Quantity: 120
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19961127
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19961203
Manifest ID: 96397766
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.1876
Waste Quantity: 45
Quantity Unit: G

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CORVAS INTERNATIONAL INC (Continued)

1000905058

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961122
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961126
Manifest ID:	96397672
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.3544
Waste Quantity:	85
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961115
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961119
Manifest ID:	96393395
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.4378
Waste Quantity:	105
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961108
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961115

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CORVAS INTERNATIONAL INC (Continued)

1000905058

Manifest ID: 96393539
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.4587
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19961101
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19961105
Manifest ID: 96393471
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.3544
Waste Quantity: 85
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19961025
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19961101
Manifest ID: 96393341
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CORVAS INTERNATIONAL INC (Continued)

1000905058

Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.1668
Waste Quantity: 40
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19961018
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19961025
Manifest ID: 96393293
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported

Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.3336
Waste Quantity: 80
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1995
Gen EPA ID: CA0000302984

Shipment Date: 19951115
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951117
Manifest ID: 95701645
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: T03 - Treatment, Incineration
Quantity Tons: 0.396
Waste Quantity: 110

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CORVAS INTERNATIONAL INC (Continued)

1000905058

Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19951103
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951107
Manifest ID: 95702355
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: T03 - Treatment, Incineration
Quantity Tons: 0.396
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19951020
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951024
Manifest ID: 95702217
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: T03 - Treatment, Incineration
Quantity Tons: 0.198
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19951006
Creation Date: 7/26/1996 0:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CORVAS INTERNATIONAL INC (Continued)

1000905058

Receipt Date: 19951010
Manifest ID: 95702042
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: T03 - Treatment, Incineration
Quantity Tons: 0.468
Waste Quantity: 130
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950922
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19950926
Manifest ID: 95669150
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: T03 - Treatment, Incineration
Quantity Tons: 0.306
Waste Quantity: 85
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950915
Creation Date: 4/3/1996 0:00:00
Receipt Date: 19950919
Manifest ID: 95669051
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CORVAS INTERNATIONAL INC (Continued)

1000905058

TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: T03 - Treatment, Incineration
Quantity Tons: 0.18
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950818
Creation Date: 4/1/1996 0:00:00
Receipt Date: 19950822
Manifest ID: 95668801
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: T03 - Treatment, Incineration
Quantity Tons: 0.504
Waste Quantity: 140
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950811
Creation Date: 4/3/1996 0:00:00
Receipt Date: 19950815
Manifest ID: 95669493
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: T03 - Treatment, Incineration
Quantity Tons: 0.144
Waste Quantity: 40
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CORVAS INTERNATIONAL INC (Continued)

1000905058

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950616
Creation Date: 10/24/1995 0:00:00
Receipt Date: Not reported
Manifest ID: 95189529
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: - Not reported
Quantity Tons: 0.27
Waste Quantity: 75
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950424
Creation Date: 10/23/1995 0:00:00
Receipt Date: 19950428
Manifest ID: 95189048
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: CAD044429835
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: T03 - Treatment, Incineration
Quantity Tons: 0.27
Waste Quantity: 75
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1994
Gen EPA ID: CA0000302984

Shipment Date: 19941216

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CORVAS INTERNATIONAL INC (Continued)

1000905058

Creation Date: 10/19/1995 0:00:00
Receipt Date: Not reported
Manifest ID: 95236911
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: AZD049318009
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: - Not reported
Quantity Tons: 0.45
Waste Quantity: 125
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19941011
Creation Date: 10/17/1995 0:00:00
Receipt Date: Not reported
Manifest ID: 93490979
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: AZD049318009
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: - Not reported
Quantity Tons: 0.306
Waste Quantity: 85
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940928
Creation Date: 10/17/1995 0:00:00
Receipt Date: 19940930
Manifest ID: 93490846
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: AZD049318009
Trans Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CORVAS INTERNATIONAL INC (Continued)

1000905058

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.36
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940921
Creation Date: 10/17/1995 0:00:00
Receipt Date: 19940923
Manifest ID: 93490803
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: AZD049318009
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.3708
Waste Quantity: 103
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940907
Creation Date: 10/16/1995 0:00:00
Receipt Date: 19940909
Manifest ID: 93496848
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: AZD049318009
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.1728
Waste Quantity: 48
Quantity Unit: G
Additional Code 1: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CORVAS INTERNATIONAL INC (Continued)

1000905058

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940810
Creation Date:	10/17/1995 0:00:00
Receipt Date:	19940812
Manifest ID:	93745869
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.27
Waste Quantity:	75
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940803
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940805
Manifest ID:	93745829
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.306
Waste Quantity:	85
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940720
Creation Date:	10/11/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	93745751

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CORVAS INTERNATIONAL INC (Continued)

1000905058

Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: AZD049318009
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: - Not reported
Quantity Tons: 0.342
Waste Quantity: 95
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940713
Creation Date: 10/16/1995 0:00:00
Receipt Date: 19940715
Manifest ID: 93745651
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: AZD049318009
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.108
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940707
Creation Date: 10/16/1995 0:00:00
Receipt Date: 19940713
Manifest ID: 93745675
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: AZD049318009
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CORVAS INTERNATIONAL INC (Continued)

1000905058

RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.342
Waste Quantity: 95
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: CORVAS INTERNATIONAL INC
Address: 3030 SCIENCE PARK RD
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CA0000302984
Inactive Date: 08/21/2003
Create Date: 12/08/1995
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 3030 SCIENCE PARK RD
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 921211102
Owner Name: CORVAS INTERNATIONAL INC
Owner Address: 3030 SCIENCE PARK RD
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 921211102
Contact Name: M GREENWOOD FACILITIES MGR
Contact Address: 3030 SCIENCE PARK RD
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 921211102
Facility Status: Inactive
Facility Type: PERMANENT
Category: FEDERAL
Latitude: 32.901908
Longitude: -117.240105

NAICS:

EPA ID: CA0000302984
Create Date: 2002-03-14 16:36:26.000
NAICS Code: 325412
NAICS Description: Pharmaceutical Preparation Manufacturing
Issued EPA ID Date: 1995-12-08 00:00:00
Inactive Date: 2003-08-21 00:00:00
Facility Name: CORVAS INTERNATIONAL INC
Facility Address: 3030 SCIENCE PARK RD
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 921210000

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

L102 **SNH MEDICAL OFFICE PROPERTIES TRUST** **RCRA NonGen / NLR** **1025864160**
SW **3030 SCIENCE PARK RD**
1/8-1/4 **SAN DIEGO, CA 92121**
0.209 mi.
1103 ft. **Site 3 of 27 in cluster L**

Relative:
Higher
Actual:
372 ft.

RCRA Listings:
 Date Form Received by Agency: 20191126
 Handler Name: SNH MEDICAL OFFICE PROPERTIES TRUST
 Handler Address: 3030 SCIENCE PARK RD
 Handler City,State,Zip: SAN DIEGO, CA 92121-1102
 EPA ID: CAC003044980
 Contact Name: JENNIFER FRANCIS
 Contact Address: 255 WASHINGTON STREET
 Contact City,State,Zip: NEWTON, MA 02458
 Contact Telephone: 617-796-8314
 Contact Fax: Not reported
 Contact Email: VIC@CASPERCOMPANY.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 255 WASHINGTON STREET
 Mailing City,State,Zip: NEWTON, MA 02458
 Owner Name: SNH MEDICAL OFFICE PROPERTIES TRUST
 Owner Type: Other
 Operator Name: JENNIFER FRANCIS
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPRA Permit Baseline: Not on the Baseline
 2018 GPRA Renewals Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

SNH MEDICAL OFFICE PROPERTIES TRUST (Continued)

1025864160

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20191127
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: JENNIFER FRANCIS	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	255 WASHINGTON STREET
Owner/Operator City,State,Zip:	NEWTON, MA 02458
Owner/Operator Telephone:	617-796-8314
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: SNH MEDICAL OFFICE PROPERTIES TRUST	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	255 WASHINGTON STREET
Owner/Operator City,State,Zip:	NEWTON, MA 02458
Owner/Operator Telephone:	617-796-8314
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SNH MEDICAL OFFICE PROPERTIES TRUST (Continued)

1025864160

Historic Generators:

Receive Date: 20191126
Handler Name: SNH MEDICAL OFFICE PROPERTIES TRUST
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 525990
NAICS Description: OTHER FINANCIAL VEHICLES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Date Form Received by Agency: 20200921
Handler Name: SNH MEDICAL OFFICE PROPERTIES TRUST
Handler Address: 3030 SCIENCE PARK RD
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAC003084762
Contact Name: JENNIFER FRANCIS
Contact Address: 255 WASHINGTON STREET
Contact City,State,Zip: NEWTON, CA 02458
Contact Telephone: 617-796-8314
Contact Fax: Not reported
Contact Email: CUSTOMERSERVICE@EFRENVIRO.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: 255 WASHINGTON STREET
Mailing City,State,Zip: NEWTON, CA 02458
Owner Name: SNH MEDICAL OFFICE PROPERTIES TRUST
Owner Type: Other
Operator Name: JENNIFER FRANCIS
Operator Type: Other
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

SNH MEDICAL OFFICE PROPERTIES TRUST (Continued)

1025864160

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRC Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSD Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200927
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:
 Owner/Operator Indicator: Operator
 Owner/Operator Name: JENNIFER FRANCIS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SNH MEDICAL OFFICE PROPERTIES TRUST (Continued)

1025864160

Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 255 WASHINGTON STREET
Owner/Operator City, State, Zip: NEWTON, CA 02458
Owner/Operator Telephone: 617-796-8314
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SNH MEDICAL OFFICE PROPERTIES TRUST
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 255 WASHINGTON STREET
Owner/Operator City, State, Zip: NEWTON, CA 02458
Owner/Operator Telephone: 617-796-8314
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20200921
Handler Name: SNH MEDICAL OFFICE PROPERTIES TRUST
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

M103 **VEROGEN INC** **RCRA NonGen / NLR** **1024862993**
ESE **11111 FLINTKOTE AVE**
1/8-1/4 **SAN DIEGO, CA 92121** **CAL000431530**
0.209 mi.
1103 ft. **Site 8 of 15 in cluster M**

Relative:	RCRA Listings:		
Lower	Date Form Received by Agency:		20171013
Actual:	Handler Name:	VEROGEN INC	
31 ft.	Handler Address:		11111 FLINTKOTE AVE
	Handler City,State,Zip:		SAN DIEGO, CA 92121
	EPA ID:		CAL000431530
	Contact Name:		MARTIN FABANI
	Contact Address:		11111 FLINTKOTE AVE
	Contact City,State,Zip:		SAN DIEGO, CA 92121
	Contact Telephone:		760-815-8829
	Contact Fax:		Not reported
	Contact Email:		MFABANI@VEROGEN.COM
	Contact Title:		Not reported
	EPA Region:		09
	Land Type:		Not reported
	Federal Waste Generator Description:		Not a generator, verified
	Non-Notifier:		Not reported
	Biennial Report Cycle:		Not reported
	Accessibility:		Not reported
	Active Site Indicator:		Handler Activities
	State District Owner:		Not reported
	State District:		Not reported
	Mailing Address:		11111 FLINTKOTE AVE
	Mailing City,State,Zip:		SAN DIEGO, CA 92121
	Owner Name:	TELEGRAPH HILL PARTNERS	
	Owner Type:		Other
	Operator Name:	MARTIN FABANI	
	Operator Type:		Other
	Short-Term Generator Activity:		No
	Importer Activity:		No
	Mixed Waste Generator:		No
	Transporter Activity:		No
	Transfer Facility Activity:		No
	Recycler Activity with Storage:		No
	Small Quantity On-Site Burner Exemption:		No
	Smelting Melting and Refining Furnace Exemption:		No
	Underground Injection Control:		No
	Off-Site Waste Receipt:		No
	Universal Waste Indicator:		Yes
	Universal Waste Destination Facility:		Yes
	Federal Universal Waste:		No
	Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
	Active Site Converter Treatment storage and Disposal Facility:		Not reported
	Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
	Active Site State-Reg Handler:		---
	Federal Facility Indicator:		Not reported
	Hazardous Secondary Material Indicator:		N
	Sub-Part K Indicator:		Not reported
	Commercial TSD Indicator:		No
	Treatment Storage and Disposal Type:		Not reported
	2018 GPRA Permit Baseline:		Not on the Baseline
	2018 GPRA Renewals Baseline:		Not on the Baseline
	Permit Renewals Workload Universe:		Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

VEROGEN INC (Continued)

1024862993

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180907
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: MARTIN FABANI
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11111 FLINTKOTE AVE
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 760-815-8829
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TELEGRAPH HILL PARTNERS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 360 POST ST 601
Owner/Operator City,State,Zip: SAN FRANCISCO, CA 94108
Owner/Operator Telephone: 415-765-6980
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

VEROGEN INC (Continued)

1024862993

Historic Generators:

Receive Date:	20171013
Handler Name:	VEROGEN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
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L104
SSW
1/8-1/4
0.211 mi.
1112 ft.

SPIN PHYSICS INC
3099 SCIENCE PARK RD
SAN DIEGO, CA 92121
Site 4 of 27 in cluster L

RCRA NonGen / NLR **1000305833**
CAT080031180

Relative:
Higher
Actual:
360 ft.

RCRA Listings:

Date Form Received by Agency:	19960603
Handler Name:	SPIN PHYSICS INC
Handler Address:	3099 SCIENCE PARK RD
Handler City,State,Zip:	SAN DIEGO, CA 92121
EPA ID:	CAT080031180
Contact Name:	TIMOTHY SATHER
Contact Address:	12205 SCIENCE PARK RD
Contact City,State,Zip:	SAN DIEGO, CA 92121
Contact Telephone:	619-453-5410
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	CA
State District:	4
Mailing Address:	3099 SCIENCE PARK RD
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	EASTMAN KODAK CO

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

SPIN PHYSICS INC (Continued)

1000305833

Owner Type:		Private
Operator Name:	NOT REQUIRED	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20020917
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		Not reported
Manifest Broker:		Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SPIN PHYSICS INC (Continued)

1000305833

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: EASTMAN KODAK CO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19960603
Handler Name: SPIN PHYSICS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 334419
NAICS Description: OTHER ELECTRONIC COMPONENT MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19911230
Actual Return to Compliance Date: 19961230
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SPIN PHYSICS INC (Continued)

1000305833

Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 19911230
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19961230
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

**M105
ESE
1/8-1/4
0.214 mi.
1131 ft.**

**AMPRION INC
11095 FLINTKOTE AVE STE D
SAN DIEGO, CA 92121
Site 9 of 15 in cluster M**

**RCRA NonGen / NLR 1026056526
CAL000452713**

**Relative:
Lower
Actual:
30 ft.**

RCRA Listings:
Date Form Received by Agency: 20200214
Handler Name: AMPRION INC
Handler Address: 11095 FLINTKOTE AVE STE D
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000452713

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

Database(s)

AMPRION INC (Continued)

1026056526

Contact Name:	BRET HOLGUIN
Contact Address:	11095 FLINTKOTE AVE STE D
Contact City,State,Zip:	SAN DIEGO, CA 92121
Contact Telephone:	213-280-6014
Contact Fax:	Not reported
Contact Email:	BRET@AMPRIONDX.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	11095 FLINTKOTE AVE STE D
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	AMPRION INC
Owner Type:	Other
Operator Name:	BRET HOLGUIN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

AMPRION INC (Continued)

1026056526

Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDU Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20200306
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: AMPRION INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 149 NEW MONTGOMERY ST FL 4
Owner/Operator City,State,Zip: SAN FRANCISCO, CA 94105
Owner/Operator Telephone: 650-485-1460
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: BRET HOLGUIN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11095 FLINTKOTE AVE STE D
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 213-280-6014
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20200214
Handler Name: AMPRION INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

AMPRION INC (Continued)

1026056526

Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
 NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

M106
ESE
1/8-1/4
0.214 mi.
1131 ft.

BIOTA TECHNOLOGY
11095 FLINTKOTE AVE STE B
SAN DIEGO, CA 92121

RCRA NonGen / NLR

1024868774
CAL000437380

Site 10 of 15 in cluster M

Relative:
Lower
Actual:
30 ft.

RCRA Listings:
 Date Form Received by Agency: 20180709
 Handler Name: BIOTA TECHNOLOGY
 Handler Address: 11095 FLINTKOTE AVE STE B
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000437380
 Contact Name: SUSANNE MONTAGUE
 Contact Address: 11095 FLINTKOTE AVE STE B
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-345-1511
 Contact Fax: Not reported
 Contact Email: SMONTAGUE@BIOTA.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 11095 FLINTKOTE AVE STE B
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: BIOTA TECHNOLOGY
 Owner Type: Other
 Operator Name: SUSANNE MONTAGUE
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

BIOTA TECHNOLOGY (Continued)

1024868774

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:	
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BIOTA TECHNOLOGY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BIOTA TECHNOLOGY (Continued)

1024868774

Owner/Operator Address: 11095 FLINTKOTE AVE STE B
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-345-1511
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SUSANNE MONTAGUE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11095 FLINTKOTE AVE STE B
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-345-1511
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20180709
Handler Name: BIOTA TECHNOLOGY
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

M107
ESE
1/8-1/4
0.214 mi.
1131 ft.

SARMAL INC
11095 FLINTKOTE AVE STE E
SAN DIEGO, CA 92121
Site 11 of 15 in cluster M

RCRA NonGen / NLR **1026055184**
CAL000451364

Relative:
Lower
Actual:
30 ft.

RCRA Listings:
Date Form Received by Agency: 20191216
Handler Name: SARMAL INC
Handler Address: 11095 FLINTKOTE AVE STE E
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000451364

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

SARMAL INC (Continued)

1026055184

Contact Name:	YASAN YEH
Contact Address:	11095 FLINTKOTE AVE STE E
Contact City,State,Zip:	SAN DIEGO, CA 92121
Contact Telephone:	858-329-0341
Contact Fax:	858-329-0325
Contact Email:	YYEH@INNOVASIONLABS.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	11095 FLINTKOTE AVE STE E
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	SARMAL INC
Owner Type:	Other
Operator Name:	YASAN YEH
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SARMAL INC (Continued)

1026055184

Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDU Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20200210
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: YASAN YEH
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11095 FLINTKOTE AVE STE E
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-329-0341
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SARMAL INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11095 FLINTKOTE AVE STE E
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-344-8108
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20191216
Handler Name: SARMAL INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EPA ID Number
 EDR ID Number

SARMAL INC (Continued)

1026055184

Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 541715
 NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

M108
ESE
1/8-1/4
0.214 mi.
1131 ft.

IMMUNO ACTIVA
11095 FLINKOTE AVE STE C
SAN DIEGO, CA 92121

RCRA NonGen / NLR **1025870421**
CAL000425486

Site 12 of 15 in cluster M

Relative:
Lower
Actual:
30 ft.

RCRA Listings:
 Date Form Received by Agency: 20170308
 Handler Name: IMMUNO ACTIVA
 Handler Address: 11095 FLINKOTE AVE STE C
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000425486
 Contact Name: SUSANNE MONTAGUE
 Contact Address: 11095 FLINKOTE AVE STE C
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 619-851-6655
 Contact Fax: Not reported
 Contact Email: SMONTAGUE@IMMUNOACTIVA.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 11095 FLINKOTE AVE STE C
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: IMMUNO ACTIVA
 Owner Type: Other
 Operator Name: SUSANNE MONTAGUE
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

IMMUNO ACTIVA (Continued)

1025870421

Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190910
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:	
Owner/Operator Indicator:	Owner
Owner/Operator Name: IMMUNO ACTIVA	
Legal Status:	Other
Date Became Current:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

IMMUNO ACTIVA (Continued)

1025870421

Date Ended Current: Not reported
 Owner/Operator Address: 11095 FLINKOTE AVE STE C
 Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
 Owner/Operator Telephone: 858-284-0832
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
 Owner/Operator Name: SUSANNE MONTAGUE
 Legal Status: Other
 Date Became Current: Not reported
 Date Ended Current: Not reported
 Owner/Operator Address: 11095 FLINKOTE AVE STE C
 Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
 Owner/Operator Telephone: 619-851-6655
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:
 Receive Date: 20170308
 Handler Name: IMMUNO ACTIVA
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
 NAICS Code: 56299
 NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

M109
ESE
1/8-1/4
0.214 mi.
1131 ft.

AMPRION, INC.
11095 FLINTKOTE AVE STE D
SAN DIEGO, CA 92121
Site 13 of 15 in cluster M

CA San Diego Co. HMMD
CA CERS HAZ WASTE
CA HAZNET
CA CERS
CA HWTS
S106062963
N/A

Relative:
Lower
Actual:
30 ft.

HMMD SAN DIEGO:
 Name: NEURALSTEM, INC
 Address: 11095 FLINTKOTE AV
 City,State,Zip: SAN DIEGO, CA 92121
 Permit Number: 216769

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

AMPRION, INC. (Continued)

S106062963

Business Type: 6HK66
EPA Id Number: CAL000375610
APN: 310-120-22-00
Last HMMD Inspection: 07/20/2012
Facility Telephone: 858-272-3072
Permit Status: OPEN
Permit Expiration: 11/30/2012
Date Last Updated: 11/02/2012
Facility Owner: NEURALSTEM, INC
Facility Mailing Address: 11095 FLINTKOTE AVE #E,
Facility Mailing City: San Diego
Facility Mailing State: CA
Facility Mailing Zip: 92121
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 216769
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 216769
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Other Information: SPENT SOLVENT MIXTURE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 216769
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: LAB DEBRIS WITH TRACES OF XYLENE,
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Name: ROSWELL BIOTECHNOLOGIES
Address: 11095 FLINTKOTE AVE A
City,State,Zip: SAN DIEGO, CA 92121-1214
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000431563
APN: Not reported
Last HMMD Inspection: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

AMPRION, INC. (Continued)

S106062963

Facility Telephone: (858) 333-7995
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 05/18/2022
Facility Owner: Not reported
Facility Mailing Address: 11095 Flintkote Ave Ste A, San Diego, CA 92121
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-004185
Program Element: Medical Waste
Inspection Type: Routine
Inspection Number: 6397181
Return To Compliance Date: 2021-03-19T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-05-18T00:00:00.000
Inspection Date: 2021-03-12T00:00:00.000
Violation Code: HMD4308 Biohazard bag waste stored >30 days at >0+e-|C (for generators of <20lbs/month). HSC 118280(e)(1)(B)

Waste and Materials:

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0211821
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-04-15T02:34:17.000
Chemical Name: Flux Remover Waste
Common Name: Flux Remover Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0211822
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-04-15T02:34:17.000
Chemical Name: Silver Staining Waste
Common Name: Silver Staining Waste
Case Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

AMPRION, INC. (Continued)

S106062963

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0211823
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-04-15T02:34:17.000
Chemical Name: Organic Solvent Based Waste
Common Name: Organic Solvent Based Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0211824
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-04-15T02:34:17.000
Chemical Name: Silver Stain Gel Waste
Common Name: Silver Stain Gel Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0211825
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-04-15T02:34:17.000
Chemical Name: Glass Vial Waste
Common Name: Glass Vial Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0211826
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-04-15T02:34:17.000
Chemical Name: Organic Residue Waste
Common Name: Organic Residue Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0211827
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-04-15T02:34:17.000
Chemical Name: Solid Silica Waste
Common Name: Solid Silica Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

AMPRION, INC. (Continued)

S106062963

Active Permit: Y
Child Record Id: DEH2020-HCHEM-0270119
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-07-15T01:00:40.000
Chemical Name: Nitrogen
Common Name: Nitrogen Gas
Case Number: 7727-37-9

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0240226
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-07-15T01:00:40.000
Chemical Name: Flux Remover Waste
Common Name: Flux Remover Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0240227
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-07-15T01:00:40.000
Chemical Name: Silver Staining Waste
Common Name: Silver Staining Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0240228
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-07-15T01:00:40.000
Chemical Name: Organic Solvent Based Waste
Common Name: Organic Solvent Based Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0240229
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-07-15T01:00:40.000
Chemical Name: Silver Stain Gel Waste
Common Name: Silver Stain Gel Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0240230

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

AMPRION, INC. (Continued)

S106062963

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-07-15T01:00:40.000
Chemical Name: Glass Vial Waste
Common Name: Glass Vial Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0240231
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-07-15T01:00:40.000
Chemical Name: Organic Residue Waste
Common Name: Organic Residue Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0240232
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-07-15T01:00:40.000
Chemical Name: Solid Silica Waste
Common Name: Solid Silica Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0240233
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-07-15T01:00:40.000
Chemical Name: HPLC Waste
Common Name: HPLC Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0300069
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-05-18T02:30:29.000
Chemical Name: Nitrogen
Common Name: Nitrogen Gas
Case Number: 7727-37-9

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0267753
Trade Secret: N
Hazardous Material Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

AMPRION, INC. (Continued)

S106062963

Last Updated: 2022-05-18T02:30:29.000
Chemical Name: Organic Solvent Based Waste
Common Name: Organic Solvent Based Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0267754
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-05-18T02:30:29.000
Chemical Name: Glass Vial Waste
Common Name: Glass Vial Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0267756
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-05-18T02:30:29.000
Chemical Name: Solid Silica Waste
Common Name: Solid Silica Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0267757
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-05-18T02:30:29.000
Chemical Name: HPLC Waste
Common Name: HPLC Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0267758
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-05-18T02:30:29.000
Chemical Name: Biohazardous Waste, Liquid
Common Name: Biohazardous Waste, Liquid
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0267759
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-05-18T02:30:29.000
Chemical Name: Biohazardous Waste, Solid

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

AMPRION, INC. (Continued)

S106062963

Common Name: Biohazardous Waste, Solid
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0267760
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-05-18T02:30:29.000
Chemical Name: Alkaline Bath Waste
Common Name: Alkaline Bath Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0147018
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-24T02:37:53.000
Chemical Name: Silver Stain Gel Waste
Common Name: Silver Stain Gel Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0202465
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-11-06T00:44:20.000
Chemical Name: Flux Remover Waste
Common Name: Flux Remover Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0202466
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-11-06T00:44:20.000
Chemical Name: Silver Staining Waste
Common Name: Silver Staining Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0202467
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-11-06T00:44:20.000
Chemical Name: Organic Solvent Based Waste
Common Name: Organic Solvent Based Waste
Case Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

AMPRION, INC. (Continued)

S106062963

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0202468
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-11-06T00:44:20.000
Chemical Name: Silver Stain Gel Waste
Common Name: Silver Stain Gel Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0202469
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-11-06T00:44:20.000
Chemical Name: Glass Vial Waste
Common Name: Glass Vial Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0202470
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-11-06T00:44:20.000
Chemical Name: Organic Residue Waste
Common Name: Organic Residue Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0202471
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-11-06T00:44:20.000
Chemical Name: Solid Silica Waste
Common Name: Solid Silica Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297096
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-05-08T02:32:27.000
Chemical Name: Nitrogen
Common Name: Nitrogen Gas
Case Number: 7727-37-9

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

AMPRION, INC. (Continued)

S106062963

Active Permit: Y
Child Record Id: DEH2021-HWAST-0265136
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-05-08T02:32:27.000
Chemical Name: Organic Solvent Based Waste
Common Name: Organic Solvent Based Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265137
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-05-08T02:32:27.000
Chemical Name: Glass Vial Waste
Common Name: Glass Vial Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265138
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-05-08T02:32:27.000
Chemical Name: Organic Residue Waste
Common Name: Organic Residue Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265139
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-05-08T02:32:27.000
Chemical Name: Solid Silica Waste
Common Name: Solid Silica Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265140
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-05-08T02:32:27.000
Chemical Name: HPLC Waste
Common Name: HPLC Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265141

Map ID
Direction
Distance
Elevation

MAP FINDINGS

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Database(s) EDR ID Number
EPA ID Number

AMPRION, INC. (Continued)

S106062963

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-05-08T02:32:27.000
Chemical Name: Biohazardous Waste, Liquid
Common Name: Biohazardous Waste, Liquid
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265142
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-05-08T02:32:27.000
Chemical Name: Biohazardous Waste, Solid
Common Name: Biohazardous Waste, Solid
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265143
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-05-08T02:32:27.000
Chemical Name: Alkaline Bath Waste
Common Name: Alkaline Bath Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0147015
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-24T02:37:53.000
Chemical Name: Flux Remover Waste
Common Name: Flux Remover Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0147016
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-24T02:37:53.000
Chemical Name: Silver Staining Waste
Common Name: Silver Staining Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0147017
Trade Secret: N
Hazardous Material Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

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AMPRION, INC. (Continued)

S106062963

Last Updated: 2019-04-24T02:37:53.000
Chemical Name: Organic Solvent Based Waste
Common Name: Organic Solvent Based Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0267755
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-05-18T02:30:29.000
Chemical Name: Organic Residue Waste
Common Name: Organic Residue Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0253702
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-13T04:43:45.000
Chemical Name: Glass Vial Waste
Common Name: Glass Vial Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0253703
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-13T04:43:45.000
Chemical Name: Organic Residue Waste
Common Name: Organic Residue Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0253704
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-13T04:43:45.000
Chemical Name: Solid Silica Waste
Common Name: Solid Silica Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0253705
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-13T04:43:45.000
Chemical Name: HPLC Waste

Map ID
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MAP FINDINGS

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Database(s) EDR ID Number
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AMPRION, INC. (Continued)

S106062963

Common Name: HPLC Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0285206
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-03-13T04:43:45.000
Chemical Name: Nitrogen
Common Name: Nitrogen Gas
Case Number: 7727-37-9

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0253699
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-13T04:43:45.000
Chemical Name: Flux Remover Waste
Common Name: Flux Remover Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0253700
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-13T04:43:45.000
Chemical Name: Organic Solvent Based Waste
Common Name: Organic Solvent Based Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0253701
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-13T04:43:45.000
Chemical Name: Silver Stain Gel Waste
Common Name: Silver Stain Gel Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0253706
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-13T04:43:45.000
Chemical Name: Biohazardous Waste, Liquid
Common Name: Biohazardous Waste, Liquid
Case Number: Not reported

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Database(s) EDR ID Number
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AMPRION, INC. (Continued)

S106062963

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0253707
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-13T04:43:45.000
Chemical Name: Biohazardous Waste, Solid
Common Name: Biohazardous Waste, Solid
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0253708
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-13T04:43:45.000
Chemical Name: Alkaline Bath Waste
Common Name: Alkaline Bath Waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0240234
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-07-15T01:00:40.000
Chemical Name: Biohazardous Waste, Liquid
Common Name: Biohazardous Waste, Liquid
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0240235
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-07-15T01:00:40.000
Chemical Name: Biohazardous Waste, Solid
Common Name: Biohazardous Waste, Solid
Case Number: Not reported

Record ID: DEH2018-HUPFP-004185
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0240236
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-07-15T01:00:40.000
Chemical Name: Alkaline Bath Waste
Common Name: Alkaline Bath Waste
Case Number: Not reported

Name: NEUVOGEN

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AMPRION, INC. (Continued)

S106062963

Address: 11095 FLINTKOTE AVE B & C
City,State,Zip: SAN DIEGO, CA 92121-1214
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000425486
APN: Not reported
Last HMMMD Inspection: Not reported
Facility Telephone: 858-284-0832
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 10/13/2022
Facility Owner: Not reported
Facility Mailing Address: 11095 Flintkote Ave. Ste C, San Diego , CA 92121
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-003439
Program Element: Medical Waste
Inspection Type: Initial Inspection
Inspection Number: 5672131
Return To Compliance Date: 2017-09-18T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-10-30T00:00:00.000
Inspection Date: 2017-08-23T17:10:00.000
Violation Code: HMD4351 MWMP not submitted to HMD (initial/updates). HSC 117960, 117970

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-003439
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 6216290
Return To Compliance Date: Not reported
Nov: Not reported
Violation Classification: Not reported
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-10-30T00:00:00.000
Inspection Date: 2019-07-26T00:00:00.000
Violation Code: HMD0000 HAZARDOUS WASTE REQUIREMENTS FOR SQGS AND LQGS

Map ID
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Database(s)
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AMPRION, INC. (Continued)

S106062963

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-003439
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 6216290
Return To Compliance Date: 2019-07-26T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2019-08-09T02:22:52.000
Inspection Date: 2019-07-26T00:00:00.000
Violation Code: 1010006 Failed to update HMBP in CERS within 30 days of a substantial change to any portion of the HMBP, including inventory changes or facility information. HSC 25508.1(a-f); 19 CCR 2654(d); SDCC 68.904(c)(6)

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-003439
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 6216290
Return To Compliance Date: Not reported
Nov: Not reported
Violation Classification: Not reported
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-10-30T00:00:00.000
Inspection Date: 2019-07-26T00:00:00.000
Violation Code: HMD0001 RECORD KEEPING/OPERATIONAL REQUIREMENTS

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-003439
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 6216290
Return To Compliance Date: 2019-07-26T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-10-30T00:00:00.000
Inspection Date: 2019-07-26T00:00:00.000
Violation Code: HMD0152 Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2)

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-003439

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AMPRION, INC. (Continued)

S106062963

Program Element: Hazardous Waste Generator
Inspection Type: Initial Inspection
Inspection Number: 5672131
Return To Compliance Date: 2017-09-18T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-10-30T00:00:00.000
Inspection Date: 2017-08-23T17:10:00.000
Violation Code: HMD0152 Failed to submit/report in CERS chemical inventory information for hazardous waste and/or medical waste, and keep up to date. SDCC 68.904(a)(2)

Waste and Materials:

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0269841
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T02:31:00.000
Chemical Name: Carbon Dioxide Gas
Common Name: Carbon Dioxide Gas
Case Number: 124-38-9

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0269842
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T02:31:00.000
Chemical Name: Nitrogen, Liquid
Common Name: Nitrogen, Liquid
Case Number: 7727-37-9

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0239989
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T02:31:00.000
Chemical Name: Infectious Sharps Waste
Common Name: Infectious Sharps Waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0239990
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T02:31:00.000
Chemical Name: Infectious Waste, General
Common Name: Infectious Red Bag Waste

Map ID
Direction
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EDR ID Number
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Database(s)

AMPRION, INC. (Continued)

S106062963

Case Number:	Not reported
Record ID:	DEH2017-HUPFP-003439
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HCHEM-0304037
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2021-07-15T06:37:24.000
Chemical Name:	Carbon Dioxide Gas
Common Name:	Carbon Dioxide Gas
Case Number:	124-38-9
Record ID:	DEH2017-HUPFP-003439
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HCHEM-0304038
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2021-07-15T06:37:24.000
Chemical Name:	Nitrogen, Liquid
Common Name:	Nitrogen, Liquid
Case Number:	7727-37-9
Record ID:	DEH2017-HUPFP-003439
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0271815
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-07-15T06:37:24.000
Chemical Name:	Infectious Sharps Waste
Common Name:	Infectious Sharps Waste
Case Number:	Not reported
Record ID:	DEH2017-HUPFP-003439
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0271816
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-07-15T06:37:24.000
Chemical Name:	Infectious Waste, General
Common Name:	Infectious Red Bag Waste
Case Number:	Not reported
Record ID:	DEH2017-HUPFP-003439
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0271817
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-07-15T06:37:24.000
Chemical Name:	LIQUID/SEMI-LIQUID INFECTIOUS WASTE
Common Name:	LIQUID/SEMI-LIQUID INFECTIOUS WASTE (bleach and sewerd)
Case Number:	Not reported

Map ID
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AMPRION, INC. (Continued)

S106062963

Record ID: DEH2017-HUPFP-003439
Permit Status: Issued
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0152521
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-09-05T14:27:13.000
Chemical Name: Carbon Dioxide Gas
Common Name: Carbon Dioxide Gas
Case Number: 124-38-9

Record ID: DEH2017-HUPFP-003439
Permit Status: Issued
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0152522
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-09-05T14:27:13.000
Chemical Name: Nitrogen, Liquid
Common Name: Nitrogen, Liquid
Case Number: 7727-37-9

Record ID: DEH2017-HUPFP-003439
Permit Status: Issued
Active Permit: Y
Child Record Id: DEH2017-HWAST-0130949
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-09-05T14:27:13.000
Chemical Name: Infectious Sharps Waste
Common Name: Infectious Sharps Waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003439
Permit Status: Issued
Active Permit: Y
Child Record Id: DEH2017-HWAST-0130950
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-09-05T14:27:13.000
Chemical Name: Infectious Waste, General
Common Name: Infectious Red Bag Waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003439
Permit Status: Issued
Active Permit: Y
Child Record Id: DEH2017-HWAST-0130951
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-09-05T14:27:13.000
Chemical Name: LIQUID/SEMI-LIQUID INFECTIOUS WASTE
Common Name: LIQUID/SEMI-LIQUID INFECTIOUS WASTE
Case Number: Not reported

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed

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AMPRION, INC. (Continued)

S106062963

Active Permit: Y
Child Record Id: DEH2021-HWAST-0271818
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-07-15T06:37:24.000
Chemical Name: Lab debris with trypan blue
Common Name: Lab debris with trypan blue
Case Number: Not reported

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0271819
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-07-15T06:37:24.000
Chemical Name: Organic solvent waste
Common Name: Organic solvent waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0159080
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-16T18:49:03.000
Chemical Name: Carbon Dioxide Gas
Common Name: Carbon Dioxide Gas
Case Number: 124-38-9

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0227839
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-01-03T00:44:53.000
Chemical Name: Carbon Dioxide Gas
Common Name: Carbon Dioxide Gas
Case Number: 124-38-9

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0227840
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-01-03T00:44:53.000
Chemical Name: Nitrogen, Liquid
Common Name: Nitrogen, Liquid
Case Number: 7727-37-9

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0197647

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

AMPRION, INC. (Continued)

S106062963

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-03T00:44:54.000
Chemical Name: Infectious Sharps Waste
Common Name: Infectious Sharps Waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0197648
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-03T00:44:54.000
Chemical Name: Infectious Waste, General
Common Name: Infectious Red Bag Waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0197649
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-03T00:44:54.000
Chemical Name: LIQUID/SEMI-LIQUID INFECTIOUS WASTE
Common Name: LIQUID/SEMI-LIQUID INFECTIOUS WASTE (bleach and sewerred)
Case Number: Not reported

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0197650
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-03T00:44:54.000
Chemical Name: Lab debris with trypan blue
Common Name: Lab debris with trypan blue
Case Number: Not reported

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0197651
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-03T00:44:54.000
Chemical Name: Organic solvent waste
Common Name: Organic solvent waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0239991
Trade Secret: N
Hazardous Material Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

AMPRION, INC. (Continued)

S106062963

Last Updated: 2020-11-25T02:31:00.000
Chemical Name: LIQUID/SEMI-LIQUID INFECTIOUS WASTE
Common Name: LIQUID/SEMI-LIQUID INFECTIOUS WASTE (bleach and sewerred)
Case Number: Not reported

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0239992
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T02:31:00.000
Chemical Name: Lab debris with trypan blue
Common Name: Lab debris with trypan blue
Case Number: Not reported

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0239993
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T02:31:00.000
Chemical Name: Organic solvent waste
Common Name: Organic solvent waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0159081
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-16T18:49:03.000
Chemical Name: Nitrogen, Liquid
Common Name: Nitrogen, Liquid
Case Number: 7727-37-9

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0134913
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-16T18:49:03.000
Chemical Name: Infectious Sharps Waste
Common Name: Infectious Sharps Waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0134914
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-16T18:49:03.000
Chemical Name: Infectious Waste, General

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

AMPRION, INC. (Continued)

S106062963

Common Name: Infectious Red Bag Waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0134915
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-16T18:49:03.000
Chemical Name: LIQUID/SEMI-LIQUID INFECTIOUS WASTE
Common Name: LIQUID/SEMI-LIQUID INFECTIOUS WASTE
Case Number: Not reported

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0190829
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-02T02:32:13.000
Chemical Name: Carbon Dioxide Gas
Common Name: Carbon Dioxide Gas
Case Number: 124-38-9

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0190830
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-02T02:32:13.000
Chemical Name: Nitrogen, Liquid
Common Name: Nitrogen, Liquid
Case Number: 7727-37-9

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0165232
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-02T02:32:13.000
Chemical Name: Infectious Sharps Waste
Common Name: Infectious Sharps Waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0165233
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-02T02:32:13.000
Chemical Name: Infectious Waste, General
Common Name: Infectious Red Bag Waste
Case Number: Not reported

Map ID
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MAP FINDINGS

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Database(s) EDR ID Number
EPA ID Number

AMPRION, INC. (Continued)

S106062963

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0165234
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-02T02:32:13.000
Chemical Name: LIQUID/SEMI-LIQUID INFECTIOUS WASTE
Common Name: LIQUID/SEMI-LIQUID INFECTIOUS WASTE (bleach and sewerred)
Case Number: Not reported

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0304376
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-10-30T02:33:44.000
Chemical Name: Carbon Dioxide Gas
Common Name: Carbon Dioxide Gas
Case Number: 124-38-9

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0304377
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-10-30T02:33:44.000
Chemical Name: Nitrogen, Liquid
Common Name: Nitrogen, Liquid
Case Number: 7727-37-9

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0272080
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-30T02:33:44.000
Chemical Name: Infectious Sharps Waste
Common Name: Infectious Sharps Waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0272081
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-30T02:33:44.000
Chemical Name: Infectious Waste, General
Common Name: Infectious Red Bag Waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed

Map ID
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Database(s)

AMPRION, INC. (Continued)

S106062963

Active Permit: Y
Child Record Id: DEH2021-HWAST-0272082
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-30T02:33:44.000
Chemical Name: LIQUID/SEMI-LIQUID INFECTIOUS WASTE
Common Name: LIQUID/SEMI-LIQUID INFECTIOUS WASTE (bleach and sewerd)
Case Number: Not reported

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0272083
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-30T02:33:44.000
Chemical Name: Lab debris with trypan blue
Common Name: Lab debris with trypan blue
Case Number: Not reported

Record ID: DEH2017-HUPFP-003439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0272084
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-30T02:33:44.000
Chemical Name: Organic solvent waste
Common Name: Organic solvent waste
Case Number: Not reported

Name: AMPRION, INC.
Address: 11095 FLINTKOTE AVE D
City,State,Zip: SAN DIEGO, CA 92121-1214
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000452713
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 214-280-6014
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 07/08/2022
Facility Owner: Not reported
Facility Mailing Address: 149 New Montgomery St, Floor 4, San Francisco, CA 94105
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
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AMPRION, INC. (Continued)

S106062963

Inspection Violation:

Record ID: DEH2014-HUPFP-000554
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-000554
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 5298098
Return To Compliance Date: 2015-07-13T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-03-10T01:30:09.000
Inspection Date: 2015-06-23T00:00:00.000
Violation Code: 1010007 HMBP not updated to reflect substantial change to the handler-+s operations. HSC 25508.1(f)

Record ID: DEH2014-HUPFP-000554
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-000554
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 5137843
Return To Compliance Date: 2014-10-08T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-03-10T01:30:09.000
Inspection Date: 2014-10-03T17:24:00.000
Violation Code: 3030010 Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.; 22 CCR 12 66262.34(d).

Record ID: DEH2014-HUPFP-000554
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-000554
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Initial Inspection
Inspection Number: 6469980
Return To Compliance Date: 2022-03-02T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-03-10T01:30:09.000
Inspection Date: 2021-04-14T00:00:00.000
Violation Code: 1020002 Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)

Record ID: DEH2014-HUPFP-000554

Map ID
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MAP FINDINGS

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Database(s)
EDR ID Number
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AMPRION, INC. (Continued)

S106062963

Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-000554
Program Element: Medical Waste
Inspection Type: Routine
Inspection Number: 5137843
Return To Compliance Date: 2014-10-29T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-03-10T01:30:09.000
Inspection Date: 2014-10-03T17:24:00.000
Violation Code: 4351 MWMP not submitted to HMD (initial/updates). 117960, 117970

Record ID: DEH2014-HUPFP-000554
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-000554
Program Element: Medical Waste
Inspection Type: Initial Inspection
Inspection Number: 6469980
Return To Compliance Date: 2021-04-14T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-03-10T01:30:09.000
Inspection Date: 2021-04-14T00:00:00.000
Violation Code: HMD4201 UPF Permit not obtained. HSC 117705, SDCC 68.904; 68.905; 68.906; 68.907.1; 68.1202

Record ID: DEH2014-HUPFP-000554
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-000554
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Initial Inspection
Inspection Number: 6469980
Return To Compliance Date: 2021-04-14T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-03-10T01:30:09.000
Inspection Date: 2021-04-14T00:00:00.000
Violation Code: HMD1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.904; 68.905; 68.906, 68.907; 68.907.1

Waste and Materials:
Record ID: DEH2014-HUPFP-000554
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265698
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-10T01:30:09.000

Map ID
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EDR ID Number
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Database(s)

AMPRION, INC. (Continued)

S106062963

Chemical Name: Flammable and Corrosive Liquid Waste
Common Name: Flammable and Corrosive Liquid Waste
Case Number: Not reported

Record ID: DEH2014-HUPFP-000554
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265699
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-10T01:30:09.000
Chemical Name: Waste Sodium Hydroxide Solution
Common Name: Waste Sodium Hydroxide Solution
Case Number: Not reported

Record ID: DEH2014-HUPFP-000554
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265700
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-10T01:30:09.000
Chemical Name: Medical Waste - Sharps Contaminated with Biohazard Waste
Common Name: Medical Waste - Sharps Contaminated with Biohazard Waste
Case Number: Not reported

Record ID: DEH2014-HUPFP-000554
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265701
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-10T01:30:09.000
Chemical Name: Medical Waste - Laboratory Debris/Specimens
Common Name: Medical Waste - Laboratory Debris/Specimens
Case Number: Not reported

Record ID: DEH2014-HUPFP-000554
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265702
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-10T01:30:09.000
Chemical Name: Waste Biohazard Liquids
Common Name: Waste Biohazard Liquids
Case Number: Not reported

Record ID: DEH2014-HUPFP-000554
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0236945
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-01T02:33:52.000
Chemical Name: Medical Waste - Sharps Contaminated with Biohazard Waste
Common Name: Medical Waste - Sharps Contaminated with Biohazard Waste

Map ID
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MAP FINDINGS

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Database(s) EDR ID Number
EPA ID Number

AMPRION, INC. (Continued)

S106062963

Case Number: Not reported

Record ID: DEH2014-HUPFP-000554
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0236946
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-01T02:33:52.000
Chemical Name: Medical Waste - Laboratory Debris/Specimens
Common Name: Medical Waste - Laboratory Debris/Specimens
Case Number: Not reported

Record ID: DEH2014-HUPFP-000554
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0236947
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-01T02:33:52.000
Chemical Name: Solid Contaminated Laboratory Debris
Common Name: Solid Contaminated Laboratory Debris
Case Number: Not reported

Record ID: DEH2014-HUPFP-000554
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0236948
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-01T02:33:52.000
Chemical Name: Waste Biohazard Liquids
Common Name: Waste Biohazard Liquids
Case Number: Not reported

Record ID: DEH2014-HUPFP-000554
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297691
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-03-10T01:30:09.000
Chemical Name: Liquid Nitrogen
Common Name: Liquid Nitrogen
Case Number: 7727-37-9

Record ID: DEH2014-HUPFP-000554
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0266524
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-01T02:33:52.000
Chemical Name: Nitrogen
Common Name: Nitrogen Gas
Case Number: 7727-37-9

Map ID
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AMPRION, INC. (Continued)

S106062963

Record ID: DEH2014-HUPFP-000554
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0266525
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-01T02:33:52.000
Chemical Name: Liquid Nitrogen
Common Name: Liquid Nitrogen
Case Number: 7727-37-9

Record ID: DEH2014-HUPFP-000554
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0236943
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-01T02:33:52.000
Chemical Name: Flammable and Corrosive Liquid Waste
Common Name: Flammable and Corrosive Liquid Waste
Case Number: Not reported

Record ID: DEH2014-HUPFP-000554
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0236944
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-01T02:33:52.000
Chemical Name: Waste Sodium Hydroxide Solution
Common Name: Waste Sodium Hydroxide Solution
Case Number: Not reported

Name: LEUCADIA TECHNOLOGIES
Address: 11095 FLINTKOTE AV
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 129517
Business Type: 6HK67
EPA Id Number: CAL000209625
APN: 310-120-22-00
Last HMMD Inspection: 02/19/2003
Facility Telephone: 858-638-8592
Permit Status: INAC
Permit Expiration: 12/31/2002
Date Last Updated: 11/02/2012
Facility Owner: Not reported
Facility Mailing Address: 3250 DUNHILL ST
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121-1214
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported

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MAP FINDINGS

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AMPRION, INC. (Continued)

S106062963

Generate Medical Waste: Not reported

CERS HAZ WASTE:

Name: ROSWELL BIOTECHNOLOGIES
Address: 11095 FLINTKOTE AVE STE A/11125 FLINTKOTE AVE STE A-D
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 433035
CERS ID: 10754818
CERS Description: Hazardous Waste Generator

Name: SARMAL, INC.
Address: 11095 FLINTKOTE AVE STE E
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 568784
CERS ID: 10389817
CERS Description: Hazardous Waste Generator

Name: AMPRION, INC.
Address: 11095 FLINTKOTE AVE STE D
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 565205
CERS ID: 10440259
CERS Description: Hazardous Waste Generator

Name: NEUVOGEN
Address: 11095 FLINTKOTE AVE STE B, C
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 418797
CERS ID: 10726771
CERS Description: Hazardous Waste Generator

HAZNET:

Name: AMPRION INC
Address: 11095 FLINTKOTE AVE STE D
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Contact: LUIS CONCHA
Telephone: 8323983268
Mailing Name: Not reported
Mailing Address: 11095 FLINTKOTE AVE STE D

Year: 2021
Gepaid: CAL000452713
TSD EPA ID: CAD008302903
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.03

Year: 2021
Gepaid: CAL000452713
TSD EPA ID: CAD008302903
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.02

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Database(s)

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AMPRION, INC. (Continued)

S106062963

Year: 2021
Gepaid: CAL000452713
TSD EPA ID: CAD008302903
CA Waste Code: 122 - Alkaline solution without metals pH >= 12.5
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.24

Year: 2021
Gepaid: CAL000452713
TSD EPA ID: CAD008302903
CA Waste Code: 791 - Liquids with pH <= 2
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0125

Year: 2020
Gepaid: CAL000452713
TSD EPA ID: CAD008302903
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.015

Year: 2020
Gepaid: CAL000452713
TSD EPA ID: CAD008302903
CA Waste Code: 122 - Alkaline solution without metals pH >= 12.5
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.245

Year: 2020
Gepaid: CAL000452713
TSD EPA ID: CAD008302903
CA Waste Code: 791 - Liquids with pH <= 2
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.04

Year: 2019
Gepaid: CAL000437380
TSD EPA ID: NMD002208627
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.00000

Year: 2019
Gepaid: CAL000437380
TSD EPA ID: NMD002208627
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.03385

Year: 2019

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMPRION, INC. (Continued)

S106062963

Gepaid: CAL000437380
TSD EPA ID: NMD002208627
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 3.36100

[Click this hyperlink](#) while viewing on your computer to access 6 additional CA HAZNET: record(s) in the EDR Site Report.

Detail Two:

Year: 2019
EM Manifest ID: 647999
Shipment Date: 10/19/2018
Receipt Date: 11/8/2018
Manifest Number: 019931014JJK
Generator EPA ID: CAL000437380
Name: BIOTA TECHNOLOGY
Address: 11095 FLINTKOTE AVE STE B
Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 888-785-7225
Contact: Not reported
Contact Telephone: 858-345-1511
Transporter 1 EPA ID: CAR000070540
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: AZR000516211
Transporter 2 Emergency Number: Not reported
TSD EPA ID: NMD002208627
TSD Name: ADVANCED CHEMICAL TREATMENT, LLC
TSD Address 1: 6133 EDITH BLVD NE
TSD Address 2: Not reported
TSD City: ALBUQUERQUE
TSD Zip: 87107
TSD Telephone: Not reported

Federal:

Year: 2019
EM Manifest ID: 647999
Generator EPA ID: CAL000437380
Shipment Date: 2018-10-19
Manifest Number: 019931014JJK
Line Number: 2
Method Code: H141
Quantity Tons: 0.07200
Quantity Waste: 20.000000
Quantity Unit: G
Number of Containers: 4
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Gallons
Federal Code: D001

State:

Year: 2019
EM Manifest ID: 647999

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

AMPRION, INC. (Continued)

S106062963

Generator EPA ID: CAL000437380
Shipment Date: 2018-10-19
Manifest Number: 019931014JJK
Line Number: 1
Method Code: H141
Quantity Tons: 0.29400
Quantity Waste: 588.000000
Quantity Unit: P
Number of Containers: 7
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 181

Year: 2019
EM Manifest ID: 647999
Generator EPA ID: CAL000437380
Shipment Date: 2018-10-19
Manifest Number: 019931014JJK
Line Number: 2
Method Code: H141
Quantity Tons: 0.07200
Quantity Waste: 20.000000
Quantity Unit: G
Number of Containers: 4
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Gallons
State Code: 214

Year: 2019
EM Manifest ID: 647999
Generator EPA ID: CAL000437380
Shipment Date: 2018-10-19
Manifest Number: 019931014JJK
Line Number: 3
Method Code: H141
Quantity Tons: 0.01900
Quantity Waste: 5.000000
Quantity Unit: G
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Gallons
State Code: 221

Additional Info:

Year: 2017
Gen EPA ID: CAC002896736

Shipment Date: 20170417
Creation Date: 5/12/2018 18:32:34
Receipt Date: 20170425
Manifest ID: 017010168JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627

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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

AMPRION, INC. (Continued)

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Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0495
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170417
Creation Date: 5/12/2018 18:32:34
Receipt Date: 20170425
Manifest ID: 017010168JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0375
Waste Quantity: 75
Quantity Unit: P
Additional Code 1: F002
Additional Code 2: D038
Additional Code 3: D035
Additional Code 4: D022
Additional Code 5: Not reported

Shipment Date: 20170405
Creation Date: 5/11/2018 18:34:42
Receipt Date: 20170411
Manifest ID: 017010150JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

AMPRION, INC. (Continued)

S106062963

Quantity Tons: 0.2046
Waste Quantity: 62
Quantity Unit: G
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170405
Creation Date: 5/11/2018 18:34:42
Receipt Date: 20170411
Manifest ID: 017010150JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.064
Waste Quantity: 128
Quantity Unit: P
Additional Code 1: F002
Additional Code 2: D038
Additional Code 3: D035
Additional Code 4: D022
Additional Code 5: Not reported

CERS:

Name: NEUVOGEN
Address: 11095 FLINTKOTE AVE STE B, C
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 418797
CERS ID: 10726771
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 418797
Site Name: Neuvogen
Violation Date: 07-26-2019
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 07/26/2019. Inspection Sequence ID:6216290
Violation Division: San Diego County Department of Env Health

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MAP FINDINGS

Site

Database(s)
EDR ID Number
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AMPRION, INC. (Continued)

S106062963

Violation Program: HMRRP
Violation Source: CERS,

Site ID: 418797
Site Name: Neuvogen
Violation Date: 07-26-2019
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 07/26/2019. Inspection Sequence ID:6216290;Violation:HMD0152 Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2)

Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-26-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Olson Matthew Inspection ID:6216290
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-23-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5672131
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-23-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5672131
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-26-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Olson Matthew Inspection ID:6216290
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Legal Owner

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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

AMPRION, INC. (Continued)

S106062963

Entity Name: Dan Shawler
Entity Title: Not reported
Affiliation Address: dshawler@neuvogen.com
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 349-6447,

Affiliation Type Desc: Document Preparer
Entity Name: Susanne Montague
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Susanne Montague
Entity Title: Laboratory Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Neuvogen
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Environmental Contact
Entity Name: Susanne Montague
Entity Title: Not reported
Affiliation Address: 11095 Flintkote Ave. Ste C
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121

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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

AMPRION, INC. (Continued)

S106062963

Affiliation Phone: ,
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 11095 Flintkote Ave. Ste C
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Neuvogen
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 284-0832,

Affiliation Type Desc: Property Owner
Entity Name: BioMed Reality
Entity Title: Not reported
Affiliation Address: 17190 Bernardo Center Dr #200
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92128
Affiliation Phone: (858) 485-9840,

Name: ROSWELL BIOTECHNOLOGIES
Address: 11095 FLINTKOTE AVE STE A/11125 FLINTKOTE AVE STE A-D
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 433035
CERS ID: 10754818
CERS Description: Chemical Storage Facilities

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-07-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:5901572
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-12-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6397181
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

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MAP FINDINGS

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EDR ID Number
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Database(s)

AMPRION, INC. (Continued)

S106062963

Eval General Type: Other/Unknown
Eval Date: 03-12-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Due to current Public Health Orders and COVID-19 restrictions, County of San Diego Certified Unified Program Agency (CUPA) inspectors was unable to be physically present in order to conduct this on-site compliance inspection. Therefore, this inspector conducted a remote interview, reviewed electronic documents, and photographs provided by this business to determine compliance with the CUPA Program requirements.
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Document Preparer
Entity Name: Ammon Langley, OSI
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Roswell Biotechnologies
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 333-7995,

Affiliation Type Desc: Legal Owner
Entity Name: Roswell Biotechnologies
Entity Title: Not reported
Affiliation Address: 11095 Flintkote Ave Ste A
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 333-7995,

Affiliation Type Desc: Parent Corporation
Entity Name: Roswell Biotechnologies, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District

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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

AMPRION, INC. (Continued)

S106062963

Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Environmental Contact
Entity Name: Sarah Orr
Entity Title: Not reported
Affiliation Address: 11095 Flintkote Ave Ste A
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 11095 Flintkote Ave Ste A
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Sarah Orr
Entity Title: Head of Laboratory Operations
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: BMR-Sorrento West, LLC.
Entity Title: Not reported
Affiliation Address: 17190 Bernardo Center Drive
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92128
Affiliation Phone: (858) 485-9840,

Name: AMPRION, INC.
Address: 11095 FLINTKOTE AVE STE D
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 565205
CERS ID: 10440259
CERS Description: Chemical Storage Facilities

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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

AMPRION, INC. (Continued)

S106062963

Violations:

Site ID: 565205
Site Name: Amprion, Inc.
Violation Date: 04-14-2021
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 04/14/2021. Inspection Sequence ID:6469980;Violation:HMD1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.904; 68.905; 68.906, 68.907; 68.907.1
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 565205
Site Name: Amprion, Inc.
Violation Date: 06-23-2015
Citation: HSC 6.95 25508.1(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(f)
Violation Description: Failure to electronically update the business plan within 30 days of a substantial change.
Violation Notes: Returned to compliance on 07/13/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 565205
Site Name: Amprion, Inc.
Violation Date: 04-14-2021
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 03/02/2022. Inspection Sequence ID:6469980
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 565205
Site Name: Amprion, Inc.
Violation Date: 10-03-2014
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description: Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.
Violation Notes: Returned to compliance on 10/08/2014.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection

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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

AMPRION, INC. (Continued)

S106062963

Eval Date: 04-14-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6469980
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-23-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Manese Michael Inspection ID:5298098
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-03-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Manese Michael Inspection ID:5137843
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-14-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6469980
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-03-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Manese Michael Inspection ID:5137843
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-23-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Manese Michael Inspection ID:5298098
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Gloria Lorenz
Entity Title: Not reported

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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

AMPRION, INC. (Continued)

S106062963

Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Gloria Lorenz
Entity Title: EHS Consultant
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Legal Owner
Entity Name: Amprion Inc
Entity Title: Not reported
Affiliation Address: 149 New Montgomery St, Floor 4
Affiliation City: San Francisco
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94105
Affiliation Phone: (650) 485-1460,

Affiliation Type Desc: Operator
Entity Name: Amprion, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (214) 280-6014,

Affiliation Type Desc: Environmental Contact
Entity Name: Bret Holguin
Entity Title: Not reported
Affiliation Address: 11095 Flintkote Ave, Suite D
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

AMPRION, INC. (Continued)

S106062963

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 11095 Flintkote Ave, Suite D
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Amprion, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: BioMed Realty
Entity Title: Not reported
Affiliation Address: 17190 Bernardo Center Dr
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92128
Affiliation Phone: (858) 207-2509,

Name: SARMAL, INC.
Address: 11095 FLINTKOTE AVE STE E
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 568784
CERS ID: 10389817
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Manese Michael Inspection ID:4111195
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Yasan Yeh
Entity Title: Not reported
Affiliation Address: 11095 Flintkote Ave Ste E
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

AMPRION, INC. (Continued)

S106062963

Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Sarmal, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 344-8108,

Affiliation Type Desc: Parent Corporation
Entity Name: Sarmal, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 11095 Flintkote Ave Ste E
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Inanc Ortac
Entity Title: Not reported
Affiliation Address: 11095 Flintkote Ave Ste E
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 344-8108,

Affiliation Type Desc: Property Owner
Entity Name: BioMed Realty
Entity Title: Not reported
Affiliation Address: 17190 Bernardo Center Drive
Affiliation City: San Diego

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

AMPRION, INC. (Continued)

S106062963

Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92128
Affiliation Phone: (858) 485-9840,

Affiliation Type Desc: Document Preparer
Entity Name: MARISSA LOPEZ
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Marissa Lopez
Entity Title: EH&S Compliance Specialist
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

HWTS:

Name: AMPRION INC
Address: 11095 FLINTKOTE AVE STE D
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000452713
Inactive Date: Not reported
Create Date: 02/14/2020
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 11095 FLINTKOTE AVE STE D
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: AMPRION INC
Owner Address: 149 NEW MONTGOMERY ST FL 4
Owner Address 2: Not reported
Owner City,State,Zip: SAN FRANCISCO, CA 94105
Contact Name: LUIS CONCHA
Contact Address: 11095 FLINTKOTE AVE STE D
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Active
Facility Type: PERMANENT
Category: STATE
Latitude: 32.904108
Longitude: -117.2312235

NAICS:

EPA ID: CAL000452713
Create Date: 2020-02-14 15:45:17.667
NAICS Code: 325412

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

AMPRION, INC. (Continued)

S106062963

NAICS Description: Pharmaceutical Preparation Manufacturing
Issued EPA ID Date: 2020-02-14 15:45:17.63300
Inactive Date: Not reported
Facility Name: AMPRION INC
Facility Address: 11095 FLINTKOTE AVE STE D
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 92121

Name: BIOTA TECHNOLOGY
Address: 11095 FLINTKOTE AVE STE B
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000437380
Inactive Date: 06/30/2021
Create Date: 07/09/2018
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 9880 CAMPUS POINT DRIVE, SUITE 430
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: BIOTA TECHNOLOGY
Owner Address: 9880 CAMPUS POINT DRIVE, SUITE 430
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 92121
Contact Name: HEATHER CALLAHAN
Contact Address: 9880 CAMPUS POINT DRIVE
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 32.904108
Longitude: -117.2312235

Name: IGNYTA, INC.
Address: 11095 FLINTKOTE AVE SUITE A
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAC002896736
Inactive Date: 05/12/2017
Create Date: 02/09/2017
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 4545 TOWNE CENTRE COURT
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: IGNYTA, INC.
Owner Address: 4545 TOWNE CENTRE COURT
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 92121
Contact Name: ED MARPLES
Contact Address: 11095 FLINTKOTE AVE
Contact Address 2: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

AMPRION, INC. (Continued)

S106062963

City,State,Zip: SAN DIEGO, CA 92121
 Facility Status: Inactive
 Facility Type: TEMPORARY
 Category: STATE
 Latitude: 32.904405
 Longitude: -117.231938

M110
ESE
1/8-1/4
0.214 mi.
1131 ft.

ROSEWELL BIOTECHNOLOGIES INC 080003199
11095 FLINTKOTE AVE STE A
SAN DIEGO, CA 92121

RCRA NonGen / NLR **1024863026**
CAL000431563

Site 14 of 15 in cluster M

Relative:
Lower

RCRA Listings:

Actual:
30 ft.

Date Form Received by Agency:	20171017
Handler Name:	ROSEWELL BIOTECHNOLOGIES INC 080003199
Handler Address:	11095 FLINTKOTE AVE STE A
Handler City,State,Zip:	SAN DIEGO, CA 92121
EPA ID:	CAL000431563
Contact Name:	GINA COSTA
Contact Address:	11095 FLINTKOTE AVE STE A
Contact City,State,Zip:	SAN DIEGO, CA 92121
Contact Telephone:	760-224-2946
Contact Fax:	Not reported
Contact Email:	GINACOSTA@ROSWELLBIOTECH.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	11095 FLINTKOTE AVE STE A
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	PAUL MOLA CEO
Owner Type:	Other
Operator Name:	GINA COSTA
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

ROSEWELL BIOTECHNOLOGIES INC 080003199 (Continued)

1024863026

Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: PAUL MOLA CEO	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11095 FLINTKOTE AVE STE A
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	858-444-5340
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: GINA COSTA	
Legal Status:	Other
Date Became Current:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

Database(s)

ROSEWELL BIOTECHNOLOGIES INC 080003199 (Continued)

1024863026

Date Ended Current: Not reported
 Owner/Operator Address: 11095 FLINTKOTE AVE STE A
 Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
 Owner/Operator Telephone: 760-224-2946
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20171017
 Handler Name: ROSEWELL BIOTECHNOLOGIES INC 080003199
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 334516
 NAICS Description: ANALYTICAL LABORATORY INSTRUMENT MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

L111
 SSW
 1/8-1/4
 0.224 mi.
 1183 ft.

NIFGI
3115 MERRYFIELD ROW STE 2
SAN DIEGO, CA 92129
Site 5 of 27 in cluster L

RCRA NonGen / NLR **1001481103**
FINDS **CAR000050260**
ECHO

Relative:
Higher
Actual:
361 ft.

RCRA Listings:
 Date Form Received by Agency: 20020204
 Handler Name: NIFGI
 Handler Address: 3115 MERRYFIELD ROW STE 2
 Handler City,State,Zip: SAN DIEGO, CA 92129
 EPA ID: CAR000050260
 Contact Name: MIKE ALSTON
 Contact Address: 10675 JOHN JAY HOPKINS DR
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-812-1629
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Private
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NIFGI (Continued)

1001481103

Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		3115 MERRYFIELD ROW STE 2
Mailing City,State,Zip:		SAN DIEGO, CA 92129
Owner Name:	NIFGI	
Owner Type:		Private
Operator Name:	Not reported	
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSD Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

NIFGI (Continued)

1001481103

Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20021007
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		Not reported
Manifest Broker:		Not reported
Sub-Part P Indicator:		No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D022
Waste Description:	CHLOROFORM
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D036
Waste Description:	NITROBENZENE
Waste Code:	D037
Waste Description:	PENTACHLOROPHENOL
Waste Code:	D038
Waste Description:	PYRIDINE
Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

NIFGI (Continued)

1001481103

Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NIFGI
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3115 MERRYFIELD ROW STE 2
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92129
Owner/Operator Telephone:	619-784-8940
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20020204
Handler Name:	NIFGI
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found
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Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
--------------	----------------------

FINDS:

Registry ID:	110002927021
--------------	--------------

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

NIFGI (Continued)

1001481103

Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110071247631

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1001481103
 Registry ID: 110002927021
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002927021>
 Name: NIFGI
 Address: 3115 MERRYFIELD ROW STE 2
 City,State,Zip: SAN DIEGO, CA 92129

L112
 SSW
 1/8-1/4
 0.224 mi.
 1183 ft.

NATIONAL RESILIENCE INC
3115 MERRYFIELD ROW STE 210
SAN DIEGO, CA 92121
Site 6 of 27 in cluster L

RCRA NonGen / NLR 1027216965
CAL000468796

Relative:
Higher
Actual:
361 ft.

RCRA Listings:
 Date Form Received by Agency: 20220223
 Handler Name: NATIONAL RESILIENCE INC
 Handler Address: 3115 MERRYFIELD ROW STE 210
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000468796
 Contact Name: VANESSA QUACH
 Contact Address: 3115 MERRYFIELD ROW STE 210
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 619-993-4578
 Contact Fax: Not reported
 Contact Email: VANESSA.QUACH@RESILIENCE.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 9310 ATHENA CIR STE 130
 Mailing City,State,Zip: LA JOLLA, CA 92037
 Owner Name: NATIONAL RESILIENCE INC

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

NATIONAL RESILIENCE INC (Continued)

1027216965

Owner Type:		Other
Operator Name:	VANESSA QUACH	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSD Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20220228
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

NATIONAL RESILIENCE INC (Continued)

1027216965

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: NATIONAL RESILIENCE INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 9310 ATHENA CIR STE 130
Owner/Operator City,State,Zip: LA JOLLA, CA 92037
Owner/Operator Telephone: 888-737-2460
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: VANESSA QUACH
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3115 MERRYFIELD ROW STE 210
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 619-993-4578
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20220223
Handler Name: NATIONAL RESILIENCE INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 541715
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
 EPA ID Number

L113 **ERASCA, INC.** **RCRA-LQG** **1027219504**
SSW **3115 MERRYFIELD ROW, SUITE 300** **CAR000338939**
1/8-1/4 **SAN DIEGO, CA 92121**
0.224 mi.
1183 ft. **Site 7 of 27 in cluster L**

Relative:	RCRA Listings:		
Higher	Date Form Received by Agency:		20220523
Actual:	Handler Name:	ERASCA, INC.	
361 ft.	Handler Address:		3115 MERRYFIELD ROW, SUITE 300
	Handler City,State,Zip:		SAN DIEGO, CA 92121
	EPA ID:		CAR000338939
	Contact Name:		PETER CHUA
	Contact Address:		MERRYFIELD ROW, SUITE 300
	Contact City,State,Zip:		SAN DIEGO, CA 92121
	Contact Telephone:		858-465-6511
	Contact Fax:		Not reported
	Contact Email:		PCHUA@ERASCA.COM
	Contact Title:		DIRECTOR, CHEMISTRY
	EPA Region:		09
	Land Type:		Private
	Federal Waste Generator Description:		Large Quantity Generator
	Non-Notifier:		Not reported
	Biennial Report Cycle:		Not reported
	Accessibility:		Not reported
	Active Site Indicator:		Handler Activities
	State District Owner:		Not reported
	State District:		Not reported
	Mailing Address:		MERRYFIELD ROW, SUITE 300
	Mailing City,State,Zip:		SAN DIEGO, CA 92121
	Owner Name:	ARE-SD REGION NO. 23, LLC	
	Owner Type:		Other
	Operator Name:	ERASCA, INC.	
	Operator Type:		Private
	Short-Term Generator Activity:		No
	Importer Activity:		No
	Mixed Waste Generator:		No
	Transporter Activity:		No
	Transfer Facility Activity:		No
	Recycler Activity with Storage:		No
	Small Quantity On-Site Burner Exemption:		No
	Smelting Melting and Refining Furnace Exemption:		No
	Underground Injection Control:		No
	Off-Site Waste Receipt:		No
	Universal Waste Indicator:		No
	Universal Waste Destination Facility:		No
	Federal Universal Waste:		No
	Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
	Active Site Converter Treatment storage and Disposal Facility:		Not reported
	Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
	Active Site State-Reg Handler:		---
	Federal Facility Indicator:		Not reported
	Hazardous Secondary Material Indicator:		N
	Sub-Part K Indicator:		Not reported
	Commercial TSD Indicator:		No
	Treatment Storage and Disposal Type:		Not reported
	2018 GPRA Permit Baseline:		Not on the Baseline
	2018 GPRA Renewals Baseline:		Not on the Baseline
	Permit Renewals Workload Universe:		Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

ERASCA, INC. (Continued)

1027219504

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRC Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20220526
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: ARE-SD REGION NO. 23, LLC
Legal Status: Other
Date Became Current: 20070814
Date Ended Current: Not reported
Owner/Operator Address: 10996 TORREYANA RD, SUITE 250
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

ERASCA, INC. (Continued)

1027219504

Owner/Operator Telephone: 858-638-2800
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: NCRECELY@ARE.COM

Owner/Operator Indicator: Operator
 Owner/Operator Name: ERASCA, INC.
 Legal Status: Private
 Date Became Current: 20220423
 Date Ended Current: Not reported
 Owner/Operator Address: 3115 MERRYFIELD ROW, SUITE 300
 Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
 Owner/Operator Telephone: 858-465-6511
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: ABOUTKHOON@ERASCA.COM

Historic Generators:

Receive Date: 20220523
 Handler Name: ERASCA, INC.
 Federal Waste Generator Description: Large Quantity Generator
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: No
 Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 54171
 NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

<p>L114 SSW 1/8-1/4 0.224 mi. 1183 ft.</p>	<p>ERASCA 3115 MERRYFIELD ROW STE 300, 310, 120, 210 SAN DIEGO, CA 92121 Site 8 of 27 in cluster L</p>	<p>CA CERS HAZ WASTE S128623430 N/A</p>
<p>Relative: Higher</p> <p>Actual: 361 ft.</p>	<p>CERS HAZ WASTE: Name: ERASCA Address: 3115 MERRYFIELD ROW STE 300, 310, 120, 210 City,State,Zip: SAN DIEGO, CA 92121 Site ID: 602496 CERS ID: 10890736 CERS Description: Hazardous Waste Generator</p>	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

ERASCA (Continued)

S128623430

Affiliation:

Affiliation Type Desc: Environmental Contact
Entity Name: Peter Chua
Entity Title: Not reported
Affiliation Address: 3115 Merryfield Row, Suite 300
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3115 Merryfield Row, Suite 300
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Erasca, Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 465-6511,

Affiliation Type Desc: Document Preparer
Entity Name: Jeff Shanley
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Erasca
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

ERASCA (Continued)

S128623430

Affiliation Country: Not reported
 Affiliation Zip: 92112-9261
 Affiliation Phone: (858) 505-6880,

 Affiliation Type Desc: Legal Owner
 Entity Name: Erasca, Inc
 Entity Title: Not reported
 Affiliation Address: 3115 Merryfield Row, Suite 300
 Affiliation City: San Diego
 Affiliation State: CA
 Affiliation Country: United States
 Affiliation Zip: 92121
 Affiliation Phone: (858) 465-6511,

L115
SSW
1/8-1/4
0.224 mi.
1183 ft.

SAPPHIRE ENERGY
3115 MERRYFILED ROW
SAN DIEGO, CA 92121
Site 9 of 27 in cluster L

RCRA-SQG 1012176177
CAR000200410

Relative:
Higher
Actual:
361 ft.

RCRA Listings:
 Date Form Received by Agency: 20090519
 Handler Name: SAPPHIRE ENERGY
 Handler Address: 3115 MERRYFILED ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAR000200410
 Contact Name: NICK HERRERA
 Contact Address: 3115 MERRYFILED ROW
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-768-4708
 Contact Fax: Not reported
 Contact Email: NICK.HERRERA@SAPPHIREFUEL.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Private
 Federal Waste Generator Description: Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 3115 MERRYFILED ROW
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: ALEXANDRIA REAL ESTATE EQUITIES
 Owner Type: Private
 Operator Name: SAPPHIRE FUEL
 Operator Type: Private
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

SAPPHIRE ENERGY (Continued)

1012176177

Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20090522
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code: D022
 Waste Description: CHLOROFORM

Waste Code: F003
 Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

SAPPHIRE ENERGY (Continued)

1012176177

NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: SAPPHIRE FUEL
Legal Status: Private
Date Became Current: 20080601
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ALEXANDRIA REAL ESTATE EQUITIES
Legal Status: Private
Date Became Current: 20000101
Date Ended Current: Not reported
Owner/Operator Address: 4660 LA JOLLA VILLAGE DR
Owner/Operator City,State,Zip: SAN DIEGO, CA 92122
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20090519
Handler Name: SAPPHIRE ENERGY
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 54171
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

SAPPHIRE ENERGY (Continued)

1012176177

Evaluation Action Summary:
 Evaluations:

No Evaluations Found

L116
SSW
1/8-1/4
0.224 mi.
1183 ft.

858 THERAPEUTICS
3115 MERRYFIELD ROW
SAN DIEGO, CA 92121

CA CERS HAZ WASTE
CA HAZNET
CA CERS
CA HWTS

S123626008
N/A

Site 10 of 27 in cluster L

Relative:
Higher

CERS HAZ WASTE:

Actual:
361 ft.

Name: 858 THERAPEUTICS
 Address: 3115 MERRYFIELD ROW
 City,State,Zip: SAN DIEGO, CA 92121
 Site ID: 611861
 CERS ID: 10895332
 CERS Description: Hazardous Waste Generator

Name: EXPLORA BIOLABS - MERRYFIELD
 Address: 3115 MERRYFIELD ROW STE P310
 City,State,Zip: SAN DIEGO, CA 92121
 Site ID: 613603
 CERS ID: 10900957
 CERS Description: Hazardous Waste Generator

HAZNET:

Name: SAPPHIRE ENERGY INC
 Address: 3115 MERRYFIELD ROW
 Address 2: Not reported
 City,State,Zip: SAN DIEGO, CA 921211125
 Contact: REBECCA WHITE
 Telephone: 8582329444
 Mailing Name: Not reported
 Mailing Address: 3115 MERRYFIELD ROW

Year: 2009
 Gepaid: CAL000329483
 TSD EPA ID: CAD044429835
 CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
 Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
 Tons: 0.198

Year: 2009
 Gepaid: CAL000329483
 TSD EPA ID: ARD981057870
 CA Waste Code: 352 - Other organic solids
 Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
 Tons: 1.9755

Year: 2009
 Gepaid: CAL000329483
 TSD EPA ID: UTD981552177
 CA Waste Code: 551 - Laboratory waste chemicals
 Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
 Tons: 0.0125

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

858 THERAPEUTICS (Continued)

S123626008

Year:	2009
Gepaid:	CAL000329483
TSD EPA ID:	CAD044429835
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.03
Year:	2008
Gepaid:	CAL000329483
TSD EPA ID:	CAD980884183
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.071
Year:	2008
Gepaid:	CAL000329483
TSD EPA ID:	CAD980884183
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.0099
Year:	2008
Gepaid:	CAL000329483
TSD EPA ID:	CAD044429835
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0198
Year:	2008
Gepaid:	CAL000329483
TSD EPA ID:	CAD044429835
CA Waste Code:	725 - Liquids with mercury >= 20 Mg./L
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.005
Year:	2008
Gepaid:	CAL000329483
TSD EPA ID:	ARD981057870
CA Waste Code:	352 - Other organic solids
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.686
Year:	2008
Gepaid:	CAL000329483
TSD EPA ID:	CAD044429835
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1065

[Click this hyperlink](#) while viewing on your computer to access additional CA HAZNET: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

858 THERAPEUTICS (Continued)

S123626008

Additional Info:

Year: 2009
Gen EPA ID: CAL000329483

Shipment Date: 20090615
Creation Date: 11/3/2009 18:30:20
Receipt Date: 20090630
Manifest ID: 006002757JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: UTR000007708
Trans 2 Name: SLT EXPRESS WAY INC
TSDf EPA ID: ARD981057870
Trans Name: RINECO CHEMICAL INDUSTRIES INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F003
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1055
Waste Quantity: 211
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090608
Creation Date: 10/13/2009 18:30:21
Receipt Date: 20090617
Manifest ID: 006002740JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: UTR000007708
Trans 2 Name: SLT EXPRESS
TSDf EPA ID: ARD981057870
Trans Name: RINECO CHEMICAL INDUSTRIES INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F003
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.095
Waste Quantity: 190
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090601
Creation Date: 10/13/2009 18:30:21
Receipt Date: 20090607
Manifest ID: 006002714JJK
Trans EPA ID: CAR000070540

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

858 THERAPEUTICS (Continued)

S123626008

Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: CAR000187922
Trans 2 Name: RUST AND SONS
TSDf EPA ID: ARD981057870
Trans Name: RINECO CHEMICAL INDUSTRIES INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F003
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090526
Creation Date: 10/13/2009 18:30:21
Receipt Date: 20090607
Manifest ID: 006002670JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: CAR000187922
Trans 2 Name: RUST AND SONS
TSDf EPA ID: ARD981057870
Trans Name: RINECO CHEMICAL INDUSTRIES INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F003
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.2365
Waste Quantity: 473
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090505
Creation Date: 9/23/2009 18:30:21
Receipt Date: 20090511
Manifest ID: 006002568JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: CAR000187922
Trans 2 Name: RUST AND SONS
TSDf EPA ID: ARD981057870
Trans Name: RINECO CHEMICAL INDUSTRIES INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

858 THERAPEUTICS (Continued)

S123626008

Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.0865
Waste Quantity: 173
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090428
Creation Date: 9/23/2009 18:30:21
Receipt Date: 20090511
Manifest ID: 006002521JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: CAR000187922
Trans 2 Name: RUST AND SONS
TSDF EPA ID: ARD981057870
Trans Name: RINECO CHEMICAL INDUSTRIES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F003

Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.0945
Waste Quantity: 189
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090421
Creation Date: 9/23/2009 18:30:21
Receipt Date: 20090501
Manifest ID: 005504869JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: CAR000187922
Trans 2 Name: RUST AND SONS
TSDF EPA ID: ARD981057870
Trans Name: RINECO CHEMICAL INDUSTRIES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F003

Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.0765
Waste Quantity: 153
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

858 THERAPEUTICS (Continued)

S123626008

Shipment Date: 20090414
Creation Date: 8/25/2009 18:30:08
Receipt Date: 20090421
Manifest ID: 005504833JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: CAR000187922
Trans 2 Name: RUST AND SONS
TSDf EPA ID: ARD981057870
Trans Name: RINECO CHEMICAL INDUSTRIES INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F003
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.0905
Waste Quantity: 181
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090407
Creation Date: 8/28/2009 18:30:21
Receipt Date: 20090412
Manifest ID: 005504797JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: CAR000187922
Trans 2 Name: RUST AND SONS
TSDf EPA ID: ARD981057870
Trans Name: RINECO CHEMICAL INDUSTRIES INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F003
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.097
Waste Quantity: 194
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090331
Creation Date: 8/28/2009 18:30:21
Receipt Date: 20090412
Manifest ID: 005504756JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: CAR000187922
Trans 2 Name: RUST AND SONS
TSDf EPA ID: ARD981057870

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

858 THERAPEUTICS (Continued)

S123626008

Trans Name: RINECO CHEMICAL INDUSTRIES INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F003
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1045
Waste Quantity: 209
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2008
Gen EPA ID: CAL000329483

Shipment Date: 20081229
Creation Date: 5/11/2009 18:30:37
Receipt Date: 20090112
Manifest ID: 005505097JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: CAD981634116
Trans 2 Name: RUST AND SONS
TSDf EPA ID: ARD981057870
Trans Name: RINECO CHEMICAL INDUSTRIES INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F003
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20081222
Creation Date: 5/11/2009 18:30:37
Receipt Date: 20090102
Manifest ID: 005505072JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: CAD981634116
Trans 2 Name: RUST AND SONS
TSDf EPA ID: ARD981057870
Trans Name: RINECO CHEMICAL INDUSTRIES INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

858 THERAPEUTICS (Continued)

S123626008

Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.045
Waste Quantity: 90
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20081215
Creation Date: 5/12/2009 18:30:08
Receipt Date: 20081229
Manifest ID: 005505994JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: CAD981634116
Trans 2 Name: RUST AND SONS
TSDF EPA ID: ARD981057870
Trans Name: RINECO CHEMICAL INDUSTRIES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F003

Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.041
Waste Quantity: 82
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20081208
Creation Date: 4/16/2009 18:30:10
Receipt Date: 20081215
Manifest ID: 005505943JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: CAD981634116
Trans 2 Name: ROST & SONS TRUCKING
TSDF EPA ID: ARD981057870
Trans Name: RINECO CHEMICAL INDUSTRIES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F003

Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1055
Waste Quantity: 211
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

858 THERAPEUTICS (Continued)

S123626008

Shipment Date: 20081208
Creation Date: 2/20/2009 18:30:31
Receipt Date: 20081212
Manifest ID: 005505944JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SVCS
TSDf EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0165
Waste Quantity: 5
Quantity Unit: G
Additional Code 1: D022
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20081124
Creation Date: 4/14/2009 18:30:09
Receipt Date: 20081204
Manifest ID: 005505835JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: CAD981634116
Trans 2 Name: RUST AND SONS
TSDf EPA ID: ARD981057870
Trans Name: RINECO CHEMICAL INDUSTRIES INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F003
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.0915
Waste Quantity: 183
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20081110
Creation Date: 1/14/2009 18:30:19
Receipt Date: 20081114
Manifest ID: 005505617JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SVCS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

858 THERAPEUTICS (Continued)

S123626008

TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 725 - Liquids with mercury > 20 mg/l
RCRA Code: D009
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20081110
Creation Date: 4/8/2009 18:30:08
Receipt Date: 20081116
Manifest ID: 005505616JJK
Trans EPA ID: CAD981634116
Trans Name: RUST AND SONS
Trans 2 EPA ID: CAR000070540
Trans 2 Name: ADVANCED CHEMICAL TRANSPORT
TSDF EPA ID: ARD981057870
Trans Name: RINECO CHEMICAL INDUSTRIES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F003
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.105
Waste Quantity: 210
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20081103
Creation Date: 4/8/2009 18:30:08
Receipt Date: 20081116
Manifest ID: 005505565JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: CAD981634116
Trans 2 Name: RUST AND SONS
TSDF EPA ID: ARD981057870
Trans Name: RINECO CHEMICAL INDUSTRIES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F003
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.0165

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

858 THERAPEUTICS (Continued)

S123626008

Waste Quantity: 33
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20081029
Creation Date: 1/14/2009 18:30:19
Receipt Date: 20081108
Manifest ID: 005505525JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SVCS
TSDf EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.1065
Waste Quantity: 213
Quantity Unit: P
Additional Code 1: D022
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:
Name: 858 THERAPEUTICS
Address: 3115 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 611861
CERS ID: 10895332
CERS Description: Chemical Storage Facilities

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Gretchen Bain
Entity Title: Not reported
Affiliation Address: 3115 Merryfield Row, Suite 110
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3115 Merryfield Row, Suite 110
Affiliation City: San Diego

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

858 THERAPEUTICS (Continued)

S123626008

Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Gloria Lorenz
Entity Title: EHS Consultant
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
Entity Name: Gloria Lorenz
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: 858 Therapeutics
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 242-1539,

Affiliation Type Desc: Legal Owner
Entity Name: 858 Therapeutics
Entity Title: Not reported
Affiliation Address: 3115 Merryfield Row, Suite 110
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 242-1539,

Affiliation Type Desc: Parent Corporation
Entity Name: 858 Therapeutics SD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

858 THERAPEUTICS (Continued)

S123626008

Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: Alexandria Real Estate Equities
Entity Title: Not reported
Affiliation Address: 10996 Torreyana Road
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 638-2800,

Name: EXPLORA BIOLABS - MERRYFIELD
Address: 3115 MERRYFIELD ROW STE P310
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 613603
CERS ID: 10900957
CERS Description: Chemical Storage Facilities

Affiliation:

Affiliation Type Desc: Identification Signer
Entity Name: Wendell Baschnagel
Entity Title: Senior Director, Facilities and Engineering
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Explora Biolabs, Inc.
Entity Title: Not reported
Affiliation Address: 11175 Flintkote Ave. Suite B
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 768-2100,

Affiliation Type Desc: Parent Corporation
Entity Name: EXPLORA BIOLABS, INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

858 THERAPEUTICS (Continued)

S123626008

Entity Name: Wendell Baschnagel
Entity Title: Not reported
Affiliation Address: 11175 Flintkote Ave. Suite B
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 11175 Flintkote Ave. Suite B
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: EXPLORA BIOLABS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 768-2100,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
Entity Name: Occupational Services, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

HWTS:

Name: SAPPHIRE ENERGY INC
Address: 3115 MERRYFIELD ROW
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000329483
Inactive Date: 06/30/2015

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

Site

Database(s)

858 THERAPEUTICS (Continued)

S123626008

Create Date: 02/06/2008
 Last Act Date: Not reported
 Mailing Name: Not reported
 Mailing Address: 3115 MERRYFIELD ROW
 Mailing Address 2: Not reported
 Mailing City,State,Zip: SAN DIEGO, CA 921211125
 Owner Name: SAPPHIRE ENERGY INC
 Owner Address: 3115 MERRYFIELD ROW
 Owner Address 2: Not reported
 Owner City,State,Zip: SAN DIEGO, CA 921211125
 Contact Name: AARON DOBLAR
 Contact Address: 3115 MERRYFIELD ROW
 Contact Address 2: Not reported
 City,State,Zip: SAN DIEGO, CA 921211125
 Facility Status: Inactive
 Facility Type: PERMANENT
 Category: STATE
 Latitude: 32.901775
 Longitude: -117.238557

NAICS:

EPA ID: CAL000329483
 Create Date: 2008-02-06 13:05:04.147
 NAICS Code: 54171
 NAICS Description: Research and Development in the Physical, Engineering, and Life Sciences
 Issued EPA ID Date: 2008-02-06 13:05:03.68000
 Inactive Date: 2015-06-30 00:00:00
 Facility Name: SAPPHIRE ENERGY INC
 Facility Address: 3115 MERRYFIELD ROW
 Facility Address 2: Not reported
 Facility City: SAN DIEGO
 Facility County: Not reported
 Facility State: CA
 Facility Zip: 921211125

L117
SSW
1/8-1/4
0.224 mi.
1183 ft.

858 THERAPEUTICS INC
3115 MERRYFIELD ROW STE 110
SAN DIEGO, CA 92121
Site 11 of 27 in cluster L

RCRA NonGen / NLR **1027217735**
CAL000469582

Relative:
Higher
Actual:
361 ft.

RCRA Listings:
 Date Form Received by Agency: 20220329
 Handler Name: 858 THERAPEUTICS INC
 Handler Address: 3115 MERRYFIELD ROW STE 110
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000469582
 Contact Name: GRETCHEN BAIN
 Contact Address: 3115 MERRYFIELD ROW STE 110
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-987-8363
 Contact Fax: Not reported
 Contact Email: GBAIN@8FIVE8TX.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

858 THERAPEUTICS INC (Continued)

1027217735

Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3115 MERRYFIELD ROW STE 110
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	858 THERAPEUTICS INC
Owner Type:	Other
Operator Name:	GRETCHEN BAIN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

858 THERAPEUTICS INC (Continued)

1027217735

Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20220411
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: 858 THERAPEUTICS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3115 MERRYFIELD ROW STE 110
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-987-8380
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: GRETCHEN BAIN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3115 MERRYFIELD ROW STE 110
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-987-8363
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20220329
Handler Name: 858 THERAPEUTICS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 541715
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

858 THERAPEUTICS INC (Continued)

1027217735

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

L118 **NATIONAL RESILIENCE, INC. #3**
SSW **3115 MERRYFIELD ROW STE 210**
1/8-1/4 **SAN DIEGO, CA 92121**
0.224 mi.
1183 ft. **Site 12 of 27 in cluster L**

CA CERS HAZ WASTE **S128623526**
N/A

Relative:
Higher
Actual:
361 ft.

CERS HAZ WASTE:

Name: NATIONAL RESILIENCE, INC. #3
Address: 3115 MERRYFIELD ROW STE 210
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 603825
CERS ID: 10890181
CERS Description: Hazardous Waste Generator

Affiliation:

Affiliation Type Desc: Document Preparer
Entity Name: Occupational Services, Inc. - JT
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Kat Stemmer
Entity Title: Not reported
Affiliation Address: 9310 Athena Cir, Ste 130
Affiliation City: La Jolla
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92037
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3115 Merryfield Row Ste 210
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: Alexandria Real Estate Equities, Inc.
Entity Title: Not reported
Affiliation Address: 10996 Torreyana Road, Suite 250
Affiliation City: San Diego

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

NATIONAL RESILIENCE, INC. #3 (Continued)

S128623526

Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 638-2800,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Legal Owner
Entity Name: National Resilience, Inc.
Entity Title: Not reported
Affiliation Address: 9310 Athena Cir, Ste 130
Affiliation City: La Jolla
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92037
Affiliation Phone: (888) 737-2460,

Affiliation Type Desc: Operator
Entity Name: National Resilience, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (888) 737-2460,

Affiliation Type Desc: Identification Signer
Entity Name: Kat Stemmer
Entity Title: Associate Director, Facilities
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: National Resilience, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

L119 **REMPEX PHARMACEUTICALS INC A WHOLLY OWNED SUBSIDIA** **RCRA-SQG** **1017769969**
SW **3033 SCIENCE PARK RD** **CAR000251934**
1/8-1/4 **SAN DEIGO, CA 92121**
0.227 mi.
1198 ft. **Site 13 of 27 in cluster L**

Relative: RCRA Listings:
Higher Date Form Received by Agency: 20150203
Actual: Handler Name: REMPEX PHARMACEUTICALS INC A WHOLLY OWNED SUBSIDIARY OF THE MEDICINES
372 ft. CO

Handler Address: 3033 SCIENCE PARK RD
 Handler City,State,Zip: SAN DEIGO, CA 92121
 EPA ID: CAR000251934
 Contact Name: ZIAD TARAZI
 Contact Address: 3033 SCIENCE PARK RD
 Contact City,State,Zip: SAN DEIGO, CA 92121
 Contact Telephone: 619-865-4800
 Contact Fax: Not reported
 Contact Email: ZIAD.TARAZI@THEMEDCO.COM
 Contact Title: RESEARCH ASSOC
 EPA Region: 09
 Land Type: Private
 Federal Waste Generator Description: Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 3033 SCIENCE PARK RD
 Mailing City,State,Zip: SAN DEIGO, CA 92121
 Owner Name: ALEXANDRIA REAL ESTATE EQUITIES INC
 Owner Type: Private
 Operator Name: REMPEX PHARMACEUTICALS INC
 Operator Type: Private
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: NN
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPRA Permit Baseline: Not on the Baseline
 2018 GPRA Renewals Baseline: Not on the Baseline

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

REMPEX PHARMACEUTICALS INC A WHOLLY OWNED SUBSIDIARY OF THE (Continued)

1017769969

Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRC Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20150209
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REMPEX PHARMACEUTICALS INC A WHOLLY OWNED SUBSIDIARY OF THE (Continued)

1017769969

Owner/Operator Indicator: Owner
Owner/Operator Name: ALEXANDRIA REAL ESTATE EQUITIES INC
Legal Status: Private
Date Became Current: 20120404
Date Ended Current: Not reported
Owner/Operator Address: 4660 LA JOLLA VILLAGE DR
Owner/Operator City,State,Zip: SAN DIEGO, CA 92122
Owner/Operator Telephone: 858-638-2800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: REMPEX PHARMACEUTICALS INC
Legal Status: Private
Date Became Current: 20150113
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20150203
Handler Name: REMPEX PHARMACEUTICALS INC A WHOLLY OWNED SUBSIDIARY OF THE MEDICINES
CO

Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 54171
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE
SCIENCES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

L120 **VIVIDION THERAPEUTICS, INC** **RCRA-SQG** **1023675185**
SW **3033 SCIENCE PARK RD 2ND FL. SUITE D** **CAR000271791**
1/8-1/4 **SAN DIEGO, CA 92121**
0.227 mi.
1198 ft. **Site 14 of 27 in cluster L**

Relative: Higher	RCRA Listings:		20170403
	Date Form Received by Agency:		
	Handler Name:	VIVIDION THERAPEUTICS, INC	
Actual: 372 ft.	Handler Address:	3033 SCIENCE PARK RD 2ND FL. SUITE D	
	Handler City,State,Zip:	SAN DIEGO, CA 92121	
	EPA ID:	CAR000271791	
	Contact Name:	NICK HERRERA	
	Contact Address:	SCIENCE PARK RD 2ND FL. SUITE D	
	Contact City,State,Zip:	SAN DIEGO, CA 92121	
	Contact Telephone:	858-346-1986	
	Contact Fax:	Not reported	
	Contact Email:	NICKH@VIVIDION.COM	
	Contact Title:	LAB MANAGER	
	EPA Region:	09	
	Land Type:	Private	
	Federal Waste Generator Description:	Small Quantity Generator	
	Non-Notifier:	Not reported	
	Biennial Report Cycle:	Not reported	
	Accessibility:	Not reported	
	Active Site Indicator:	Handler Activities	
	State District Owner:	Not reported	
	State District:	Not reported	
	Mailing Address:	SCIENCE PARK RD 2ND FL. SUITE D	
	Mailing City,State,Zip:	SAN DIEGO, CA 92121	
	Owner Name:	ALEXANDRIA REAL ESATE EQUITIES, INC	
	Owner Type:	Private	
	Operator Name:	ALEXANDRIA REAL ESATE EQUITIES, INC JASON MOORHEAD	
	Operator Type:	Private	
	Short-Term Generator Activity:	No	
	Importer Activity:	No	
	Mixed Waste Generator:	No	
	Transporter Activity:	No	
	Transfer Facility Activity:	No	
	Recycler Activity with Storage:	No	
	Small Quantity On-Site Burner Exemption:	No	
	Smelting Melting and Refining Furnace Exemption:	No	
	Underground Injection Control:	No	
	Off-Site Waste Receipt:	No	
	Universal Waste Indicator:	No	
	Universal Waste Destination Facility:	No	
	Federal Universal Waste:	No	
	Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported	
	Active Site Converter Treatment storage and Disposal Facility:	Not reported	
	Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported	
	Active Site State-Reg Handler:	---	
	Federal Facility Indicator:	Not reported	
	Hazardous Secondary Material Indicator:	NN	
	Sub-Part K Indicator:	Not reported	
	Commercial TSD Indicator:	No	
	Treatment Storage and Disposal Type:	Not reported	
	2018 GPRA Permit Baseline:	Not on the Baseline	
	2018 GPRA Renewals Baseline:	Not on the Baseline	
	Permit Renewals Workload Universe:	Not reported	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

VIVIDION THERAPEUTICS, INC (Continued)

1023675185

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRAs Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20170503
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: ALEXANDRIA REAL ESATE EQUITIES, INC
Legal Status: Private
Date Became Current: 20120101
Date Ended Current: Not reported
Owner/Operator Address: 10996 TORREYANA RD SUITE 250
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-638-2811
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ALEXANDRIA REAL ESATE EQUITIES, INC JASON MOORHEAD
Legal Status: Private
Date Became Current: 20120101
Date Ended Current: Not reported
Owner/Operator Address: 10996 TORREYANA RD SUITE 250
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

VIVIDION THERAPEUTICS, INC (Continued)

1023675185

Owner/Operator Telephone: 858-638-2811
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20170403
Handler Name: VIVIDION THERAPEUTICS, INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 54171
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

L121
SW
1/8-1/4
0.227 mi.
1198 ft.

KUMQUAT BIOSCIENCES INC
3033 SCIENCE PARK RD STE 200
SAN DIEGO, CA 92121
Site 15 of 27 in cluster L

RCRA NonGen / NLR 1025874930
CAL000448063

Relative:
Higher
Actual:
372 ft.

RCRA Listings:
Date Form Received by Agency: 20200720
Handler Name: KUMQUAT BIOSCIENCES INC
Handler Address: 3033 SCIENCE PARK RD STE 200
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000448063
Contact Name: JULIA MURPHEY
Contact Address: WATERIDGE CIR STE 120
Contact City,State,Zip: SAN DIEGO, CA 92121
Contact Telephone: 858-214-2756
Contact Fax: Not reported
Contact Email: JULIA@KUMQUATBIO.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

KUMQUAT BIOSCIENCES INC (Continued)

1025874930

Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	WATERIDGE CIR STE 120
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	KUMQUAT BIOSCIENCES INC
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200723

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

KUMQUAT BIOSCIENCES INC (Continued)

1025874930

Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: KUMQUAT BIOSCIENCES INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3033 SCIENCE PARK RD STE 200
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-500-8805
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KUMQUAT BIOSCIENCES INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10770 WATERIDGE CIR STE 120
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-214-2756
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JULIA MURPHEY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3033 SCIENCE PARK RD STE 200
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 619-871-9265
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20200720
Handler Name: KUMQUAT BIOSCIENCES INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

KUMQUAT BIOSCIENCES INC (Continued)

1025874930

Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	20190807
Handler Name:	KUMQUAT BIOSCIENCES INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	711510
NAICS Description:	INDEPENDENT ARTISTS, WRITERS, AND PERFORMERS

Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
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L122
 SW
 1/8-1/4
 0.227 mi.
 1198 ft.

ESCIENT PHARMACEUTICALS
3033 SCIENCE PARK RD STE 230
SAN DIEGO, CA 92121
Site 16 of 27 in cluster L

RCRA NonGen / NLR **1024869964**
CAL000438588

Relative:
Higher
Actual:
372 ft.

RCRA Listings:	
Date Form Received by Agency:	20180822
Handler Name:	ESCIENT PHARMACEUTICALS
Handler Address:	3033 SCIENCE PARK RD STE 230
Handler City,State,Zip:	SAN DIEGO, CA 92121
EPA ID:	CAL000438588
Contact Name:	ADAM YEAGER
Contact Address:	3033 SCIENCE PARK RD STE 230
Contact City,State,Zip:	SAN DIEGO, CA 92121
Contact Telephone:	858-617-8249
Contact Fax:	858-617-8222
Contact Email:	AYEAGER@ESIENTPHARMA.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

ESCIENT PHARMACEUTICALS (Continued)

1024869964

Mailing Address:	3033 SCIENCE PARK RD STE 230
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	ESCIENT PHARMACEUTICALS
Owner Type:	Other
Operator Name:	ADAM YEAGER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ESCIENT PHARMACEUTICALS (Continued)

1024869964

Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: ESCIENT PHARMACEUTICALS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3033 SCIENCE PARK RD STE 230
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-617-8249
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ADAM YEAGER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3033 SCIENCE PARK RD STE 230
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-617-8249
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20180822
Handler Name: ESCIENT PHARMACEUTICALS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 541715
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

L123
SW
1/8-1/4
0.227 mi.
1198 ft.

RECEPTOS SERVICES LLC
3033 SCIENCE PARK RD 300
SAN DIEGO, CA 92121
Site 17 of 27 in cluster L

CA San Diego Co. HMMD
CA CERS HAZ WASTE
CA NPDES
CA CIWQS
CA CERS

S118197814
N/A

Relative:
Higher
Actual:
372 ft.

HMMD SAN DIEGO:
 Name: RECEPTOS SERVICES LLC
 Address: 3033 SCIENCE PARK RD 300
 City,State,Zip: SAN DIEGO, CA 92121-1101
 Permit Number: Not reported
 Business Type: Not reported
 EPA Id Number: CAR000251355
 APN: Not reported
 Last HMMD Inspection: Not reported
 Facility Telephone: (858) 652-5700
 Permit Status: Permit Renewed
 Permit Expiration: Not reported
 Date Last Updated: 09/03/2022
 Facility Owner: Not reported
 Facility Mailing Address: 3033 Science Park Rd #300, San Diego, CA 92121
 Facility Mailing City: Not reported
 Facility Mailing State: Not reported
 Facility Mailing Zip: Not reported
 UST Owner: N
 Handle Regulated Hazmat: Not reported
 Own Or Operate UST: Not reported
 Subject To APSA: Not reported
 Generate Haz Waste: Y
 Treat Haz Waste: N
 Generate Medical Waste: Not reported

Waste and Materials:
 Record ID: DEH2014-HUPFP-001500
 Permit Status: Permit Renewed
 Active Permit: Y
 Child Record Id: DEH2021-HCHEM-0307138
 Trade Secret: N
 Hazardous Material Type: Pure
 Last Updated: 2021-09-14T02:34:55.000
 Chemical Name: NITROGEN LIQUID
 Common Name: NITROGEN LIQUID
 Case Number: 7727-37-9

Record ID: DEH2014-HUPFP-001500
 Permit Status: Permit Renewed
 Active Permit: Y
 Child Record Id: DEH2021-HCHEM-0307139
 Trade Secret: N
 Hazardous Material Type: Pure
 Last Updated: 2021-09-14T02:34:55.000
 Chemical Name: CARBON DIOXIDE, LIQUID
 Common Name: CARBON DIOXIDE, LIQUID
 Case Number: 124-38-9

Record ID: DEH2014-HUPFP-001500
 Permit Status: Permit Renewed
 Active Permit: Y
 Child Record Id: DEH2021-HCHEM-0307140
 Trade Secret: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

RECEPTOS SERVICES LLC (Continued)

S118197814

Hazardous Material Type: Mixture
Last Updated: 2021-09-14T02:34:55.000
Chemical Name: OXYGEN/CARBON DIOXIDE, COMPRESSED
Common Name: OXYGEN/CARBON DIOXIDE, COMPRESSED
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0274498
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-14T02:34:55.000
Chemical Name: FORMALIN WITH ANIMAL TISSUE
Common Name: FORMALIN WITH ANIMAL TISSUE, CONTAINERIZED LIQUID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0274499
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-14T02:34:55.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: BIOHAZARDOUS SHARPS WASTE
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0274500
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-14T02:34:55.000
Chemical Name: WASTE, FLAMMABLE LIQUID
Common Name: WASTE, FLAMMABLE LIQUID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0274501
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-14T02:34:55.000
Chemical Name: WASTE, FLAMMABLE SOLID LAB DEBRIS
Common Name: WASTE, FLAMMABLE SOLID LAB DEBRIS
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0274502
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-14T02:34:55.000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

RECEPTOS SERVICES LLC (Continued)

S118197814

Chemical Name: WASTE, BIOHAZARDOUS LIQUID
Common Name: WASTE, BIOHAZARDOUS LIQUID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0274503
Trade Secret: N
Hazardous Material Type: Not reported

Last Updated: 2021-09-14T02:34:55.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name: BIOHAZARDOUS WASTE SOLID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0274504
Trade Secret: N
Hazardous Material Type: Not reported

Last Updated: 2021-09-14T02:34:55.000
Chemical Name: WASTE SHARPS, CHEMICALLY CONTAMINATED
Common Name: WASTE SHARPS, CHEMICALLY CONTAMINATED
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0274505
Trade Secret: N
Hazardous Material Type: Not reported

Last Updated: 2021-09-14T02:34:55.000
Chemical Name: WASTE, LAB PACK SOLIDS
Common Name: WASTE, LAB PACK SOLIDS
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0274506
Trade Secret: N
Hazardous Material Type: Not reported

Last Updated: 2021-09-14T02:34:55.000
Chemical Name: WASTE, LAB PACK LIQUIDS
Common Name: WASTE, LAB PACK LIQUIDS
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280316
Trade Secret: N
Hazardous Material Type: Pure

Last Updated: 2020-12-01T01:42:14.000
Chemical Name: CARBON DIOXIDE
Common Name: CARBON DIOXIDE (COMPRESSED)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

RECEPTOS SERVICES LLC (Continued)

S118197814

Case Number: 124-38-9

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280317
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-12-01T01:42:14.000
Chemical Name: NITROGEN LIQUID
Common Name: NITROGEN LIQUID
Case Number: 7727-37-9

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280318
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-12-01T01:42:14.000
Chemical Name: CARBON DIOXIDE, LIQUID
Common Name: CARBON DIOXIDE, LIQUID
Case Number: 124-38-9

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280319
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-12-01T01:42:14.000
Chemical Name: Oxygen/Carbon Dioxide
Common Name: Oxygen/Carbon Dioxide, Compressed
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0248047
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-01T01:42:14.000
Chemical Name: FORMALIN WITH ANIMAL TISSUE
Common Name: FORMALIN WITH ANIMAL TISSUE, CONTAINERIZED LIQUID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0248048
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-01T01:42:14.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: BIOHAZARDOUS SHARPS WASTE
Case Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

RECEPTOS SERVICES LLC (Continued)

S118197814

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0248049
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-01T01:42:14.000
Chemical Name: WASTE, FLAMMABLE LIQUID
Common Name: WASTE, FLAMMABLE LIQUID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0248050
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-01T01:42:14.000
Chemical Name: WASTE, FLAMMABLE SOLID LAB DEBRIS
Common Name: WASTE, FLAMMABLE SOLID LAB DEBRIS
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0248051
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-01T01:42:14.000
Chemical Name: WASTE, BIOHAZARDOUS LIQUID
Common Name: WASTE, BIOHAZARDOUS LIQUID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0248052
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-01T01:42:14.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name: BIOHAZARDOUS WASTE SOLID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0248053
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-01T01:42:14.000
Chemical Name: WASTE SHARPS, CHEMICALLY CONTAMINATED
Common Name: WASTE SHARPS, CHEMICALLY CONTAMINATED
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

RECEPTOS SERVICES LLC (Continued)

S118197814

Active Permit: Y
Child Record Id: DEH2019-HCHEM-0232972
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-10-03T02:21:26.000
Chemical Name: CARBON DIOXIDE
Common Name: CARBON DIOXIDE (COMPRESSED)
Case Number: 124-38-9

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0232973
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-10-03T02:21:26.000
Chemical Name: NITROGEN LIQUID
Common Name: NITROGEN LIQUID
Case Number: 7727-37-9

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0232974
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-10-03T02:21:26.000
Chemical Name: CARBON DIOXIDE, LIQUID
Common Name: CARBON DIOXIDE, LIQUID
Case Number: 124-38-9

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0232975
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-10-03T02:21:26.000
Chemical Name: HELIUM, LIQUID
Common Name: HELIUM, LIQUID
Case Number: 7440-59-7

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0232976
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-10-03T02:21:26.000
Chemical Name: Oxygen/Carbon Dioxide
Common Name: Oxygen/Carbon Dioxide, Compressed
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0203025

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

RECEPTOS SERVICES LLC (Continued)

S118197814

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-10-03T02:21:28.000
Chemical Name: FORMALIN WITH ANIMAL TISSUE
Common Name: FORMALIN WITH ANIMAL TISSUE, CONTAINERIZED LIQUID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0203026
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-10-03T02:21:28.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: BIOHAZARDOUS SHARPS WASTE
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0203027
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-10-03T02:21:28.000
Chemical Name: WASTE, FLAMMABLE LIQUID
Common Name: WASTE, FLAMMABLE LIQUID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0203028
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-10-03T02:21:28.000
Chemical Name: WASTE, FLAMMABLE SOLID LAB DEBRIS
Common Name: WASTE, FLAMMABLE SOLID LAB DEBRIS
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0203029
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-10-03T02:21:28.000
Chemical Name: WASTE, BIOHAZARDOUS LIQUID
Common Name: WASTE, BIOHAZARDOUS LIQUID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0203030
Trade Secret: N
Hazardous Material Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

RECEPTOS SERVICES LLC (Continued)

S118197814

Last Updated: 2019-10-03T02:21:28.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name: BIOHAZARDOUS WASTE SOLID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0203031
Trade Secret: N

Hazardous Material Type: Not reported
Last Updated: 2019-10-03T02:21:28.000
Chemical Name: WASTE SHARPS, CHEMICALLY CONTAMINATED
Common Name: WASTE SHARPS, CHEMICALLY CONTAMINATED
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217776
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-23T01:48:38.000
Chemical Name: CARBON DIOXIDE
Common Name: CARBON DIOXIDE (COMPRESSED)
Case Number: 124-38-9

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217777
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-23T01:48:38.000
Chemical Name: NITROGEN LIQUID
Common Name: NITROGEN LIQUID
Case Number: 7727-37-9

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217778
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-23T01:48:38.000
Chemical Name: CARBON DIOXIDE, LIQUID
Common Name: CARBON DIOXIDE, LIQUID
Case Number: 124-38-9

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217779
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-23T01:48:38.000
Chemical Name: HELIUM, LIQUID

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

RECEPTOS SERVICES LLC (Continued)

S118197814

Common Name: HELIUM, LIQUID
Case Number: 7440-59-7

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217780
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-23T01:48:38.000
Chemical Name: Oxygen
Common Name: Oxygen (Compressed)
Case Number: 7782-44-7

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217781
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-04-23T01:48:38.000
Chemical Name: Oxygen/Carbon Dioxide
Common Name: Oxygen/Carbon Dioxide, Compressed
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0187853
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-23T01:48:39.000
Chemical Name: FORMALIN WITH ANIMAL TISSUE
Common Name: FORMALIN WITH ANIMAL TISSUE, CONTAINERIZED LIQUID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0187854
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-23T01:48:39.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: BIOHAZARDOUS SHARPS WASTE
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0187855
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-23T01:48:39.000
Chemical Name: WASTE, FLAMMABLE LIQUID
Common Name: WASTE, FLAMMABLE LIQUID
Case Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

RECEPTOS SERVICES LLC (Continued)

S118197814

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0187856
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-23T01:48:39.000
Chemical Name: WASTE, FLAMMABLE SOLID LAB DEBRIS
Common Name: WASTE, FLAMMABLE SOLID LAB DEBRIS
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0187857
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-23T01:48:39.000
Chemical Name: WASTE, BIOHAZARDOUS LIQUID
Common Name: WASTE, BIOHAZARDOUS LIQUID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0187858
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-23T01:48:39.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name: BIOHAZARDOUS WASTE SOLID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0187859
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-23T01:48:39.000
Chemical Name: WASTE SHARPS, CHEMICALLY CONTAMINATED
Common Name: WASTE SHARPS, CHEMICALLY CONTAMINATED
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0127391
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-01-21T00:40:29.000
Chemical Name: HYDROGEN CHLORIDE
Common Name: HYDROGEN CHLORIDE, COMPRESSED
Case Number: 7647-01-0

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

RECEPTOS SERVICES LLC (Continued)

S118197814

Active Permit: Y
Child Record Id: DEH2017-HCHEM-0127392
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-01-21T00:40:29.000
Chemical Name: NITROGEN LIQUID
Common Name: NITROGEN LIQUID
Case Number: 7727-37-9

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0127393
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-01-21T00:40:29.000
Chemical Name: HELIUM, LIQUID
Common Name: HELIUM, LIQUID
Case Number: 7440-59-7

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0127394
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-01-21T00:40:29.000
Chemical Name: CARBON DIOXIDE, LIQUID
Common Name: CARBON DIOXIDE, LIQUID
Case Number: 124-38-9

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0127395
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-01-21T00:40:29.000
Chemical Name: CARBON DIOXIDE
Common Name: CARBON DIOXIDE (COMPRESSED)
Case Number: 124-38-9

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0106375
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-01-21T00:40:30.000
Chemical Name: FORMALIN WITH ANIMAL TISSUE
Common Name: FORMALIN WITH ANIMAL TISSUE, CONTAINERIZED LIQUID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0106376

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

RECEPTOS SERVICES LLC (Continued)

S118197814

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-01-21T00:40:30.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: BIOHAZARDOUS SHARPS WASTE
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0106377
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-01-21T00:40:30.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name: BIOHAZARDOUS WASTE SOLID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0106378
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-01-21T00:40:30.000
Chemical Name: WASTE SHARPS, CHEMICALLY CONTAMINATED
Common Name: WASTE SHARPS, CHEMICALLY CONTAMINATED
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0106379
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-01-21T00:40:30.000
Chemical Name: WASTE, FLAMMABLE LIQUID
Common Name: WASTE, FLAMMABLE LIQUID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0106380
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-01-21T00:40:30.000
Chemical Name: WASTE, FLAMMABLE SOLID LAB DEBRIS
Common Name: WASTE, FLAMMABLE SOLID LAB DEBRIS
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0106381
Trade Secret: N
Hazardous Material Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
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RECEPTOS SERVICES LLC (Continued)

S118197814

Last Updated: 2017-01-21T00:40:30.000
Chemical Name: WASTE, BIOHAZARDOUS LIQUID
Common Name: WASTE, BIOHAZARDOUS LIQUID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149942
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-30T00:36:41.000
Chemical Name: NITROGEN LIQUID
Common Name: NITROGEN LIQUID
Case Number: 7727-37-9

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149943
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-30T00:36:41.000
Chemical Name: CARBON DIOXIDE, LIQUID
Common Name: CARBON DIOXIDE, LIQUID
Case Number: 124-38-9

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149944
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-30T00:36:41.000
Chemical Name: CARBON DIOXIDE
Common Name: CARBON DIOXIDE (COMPRESSED)
Case Number: 124-38-9

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149945
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-30T00:36:41.000
Chemical Name: HYDROGEN CHLORIDE
Common Name: HYDROGEN CHLORIDE, COMPRESSED
Case Number: 7647-01-0

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149946
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-30T00:36:41.000
Chemical Name: HELIUM, LIQUID

Map ID
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Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
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RECEPTOS SERVICES LLC (Continued)

S118197814

Common Name: HELIUM, LIQUID
Case Number: 7440-59-7

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0128332
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-12-30T00:36:41.000
Chemical Name: FORMALIN WITH ANIMAL TISSUE
Common Name: FORMALIN WITH ANIMAL TISSUE, CONTAINERIZED LIQUID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0128333
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-12-30T00:36:41.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: BIOHAZARDOUS SHARPS WASTE
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0128334
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-12-30T00:36:41.000
Chemical Name: WASTE, FLAMMABLE LIQUID
Common Name: WASTE, FLAMMABLE LIQUID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0128335
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-12-30T00:36:41.000
Chemical Name: WASTE, FLAMMABLE SOLID LAB DEBRIS
Common Name: WASTE, FLAMMABLE SOLID LAB DEBRIS
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0128336
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-12-30T00:36:41.000
Chemical Name: WASTE, BIOHAZARDOUS LIQUID
Common Name: WASTE, BIOHAZARDOUS LIQUID
Case Number: Not reported

Map ID
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Elevation

MAP FINDINGS

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Database(s) EDR ID Number
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RECEPTOS SERVICES LLC (Continued)

S118197814

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0128337
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-12-30T00:36:41.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name: BIOHAZARDOUS WASTE SOLID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0128338
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-12-30T00:36:41.000
Chemical Name: WASTE SHARPS, CHEMICALLY CONTAMINATED
Common Name: WASTE SHARPS, CHEMICALLY CONTAMINATED
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0276267
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-09-29T00:35:27.000
Chemical Name: CARBON DIOXIDE, LIQUID
Common Name: CARBON DIOXIDE, LIQUID
Case Number: 124-38-9

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0276268
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-09-29T00:35:27.000
Chemical Name: Oxygen/Carbon Dioxide
Common Name: Oxygen/Carbon Dioxide, Compressed
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0244526
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-09-29T00:35:28.000
Chemical Name: FORMALIN WITH ANIMAL TISSUE
Common Name: FORMALIN WITH ANIMAL TISSUE, CONTAINERIZED LIQUID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed

Map ID
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EDR ID Number
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Database(s)

RECEPTOS SERVICES LLC (Continued)

S118197814

Active Permit: Y
Child Record Id: DEH2020-HWAST-0244527
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-09-29T00:35:28.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: BIOHAZARDOUS SHARPS WASTE
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0244528
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-09-29T00:35:28.000
Chemical Name: WASTE, FLAMMABLE LIQUID
Common Name: WASTE, FLAMMABLE LIQUID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0244529
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-09-29T00:35:28.000
Chemical Name: WASTE, FLAMMABLE SOLID LAB DEBRIS
Common Name: WASTE, FLAMMABLE SOLID LAB DEBRIS
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0244530
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-09-29T00:35:28.000
Chemical Name: WASTE, BIOHAZARDOUS LIQUID
Common Name: WASTE, BIOHAZARDOUS LIQUID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0244531
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-09-29T00:35:28.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name: BIOHAZARDOUS WASTE SOLID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0244532

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MAP FINDINGS

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Database(s) EDR ID Number
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RECEPTOS SERVICES LLC (Continued)

S118197814

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-09-29T00:35:28.000
Chemical Name: WASTE SHARPS, CHEMICALLY CONTAMINATED
Common Name: WASTE SHARPS, CHEMICALLY CONTAMINATED
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0207015
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-02-08T02:39:15.000
Chemical Name: CARBON DIOXIDE
Common Name: CARBON DIOXIDE (COMPRESSED)
Case Number: 124-38-9

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0207016
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-02-08T02:39:15.000
Chemical Name: NITROGEN LIQUID
Common Name: NITROGEN LIQUID
Case Number: 7727-37-9

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0207017
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-02-08T02:39:15.000
Chemical Name: CARBON DIOXIDE, LIQUID
Common Name: CARBON DIOXIDE, LIQUID
Case Number: 124-38-9

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0207018
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-02-08T02:39:15.000
Chemical Name: HELIUM, LIQUID
Common Name: HELIUM, LIQUID
Case Number: 7440-59-7

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0207019
Trade Secret: N
Hazardous Material Type: Pure

Map ID
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RECEPTOS SERVICES LLC (Continued)

S118197814

Last Updated: 2019-02-08T02:39:15.000
Chemical Name: Oxygen
Common Name: Oxygen (Compressed)
Case Number: 7782-44-7

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0178855
Trade Secret: N
Hazardous Material Type: Not reported

Last Updated: 2019-02-08T02:39:17.000
Chemical Name: FORMALIN WITH ANIMAL TISSUE
Common Name: FORMALIN WITH ANIMAL TISSUE, CONTAINERIZED LIQUID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0178856
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-02-08T02:39:17.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: BIOHAZARDOUS SHARPS WASTE
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0178857
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-02-08T02:39:17.000
Chemical Name: WASTE, FLAMMABLE LIQUID
Common Name: WASTE, FLAMMABLE LIQUID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0178858
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-02-08T02:39:17.000
Chemical Name: WASTE, FLAMMABLE SOLID LAB DEBRIS
Common Name: WASTE, FLAMMABLE SOLID LAB DEBRIS
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0178859
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-02-08T02:39:17.000
Chemical Name: WASTE, BIOHAZARDOUS LIQUID

Map ID
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Database(s) EDR ID Number
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RECEPTOS SERVICES LLC (Continued)

S118197814

Common Name: WASTE, BIOHAZARDOUS LIQUID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0178860
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-02-08T02:39:17.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name: BIOHAZARDOUS WASTE SOLID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0178861
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-02-08T02:39:17.000
Chemical Name: WASTE SHARPS, CHEMICALLY CONTAMINATED
Common Name: WASTE SHARPS, CHEMICALLY CONTAMINATED
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0307137
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-09-14T02:34:55.000
Chemical Name: CARBON DIOXIDE
Common Name: CARBON DIOXIDE (COMPRESSED)
Case Number: 124-38-9

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0167988
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-26T19:06:20.000
Chemical Name: CARBON DIOXIDE
Common Name: CARBON DIOXIDE (COMPRESSED)
Case Number: 124-38-9

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0167989
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-26T19:06:20.000
Chemical Name: NITROGEN LIQUID
Common Name: NITROGEN LIQUID
Case Number: 7727-37-9

Map ID
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MAP FINDINGS

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Database(s) EDR ID Number
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RECEPTOS SERVICES LLC (Continued)

S118197814

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0167990
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-26T19:06:20.000
Chemical Name: CARBON DIOXIDE, LIQUID
Common Name: CARBON DIOXIDE, LIQUID
Case Number: 124-38-9

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0167991
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-26T19:06:20.000
Chemical Name: HYDROGEN CHLORIDE
Common Name: HYDROGEN CHLORIDE, COMPRESSED
Case Number: 7647-01-0

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0167992
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-26T19:06:20.000
Chemical Name: HELIUM, LIQUID
Common Name: HELIUM, LIQUID
Case Number: 7440-59-7

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0142442
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-26T19:06:20.000
Chemical Name: FORMALIN WITH ANIMAL TISSUE
Common Name: FORMALIN WITH ANIMAL TISSUE, CONTAINERIZED LIQUID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0142443
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-26T19:06:20.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: BIOHAZARDOUS SHARPS WASTE
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

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EDR ID Number
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Database(s)

RECEPTOS SERVICES LLC (Continued)

S118197814

Active Permit: Y
Child Record Id: DEH2018-HWAST-0142444
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-26T19:06:20.000
Chemical Name: WASTE, FLAMMABLE LIQUID
Common Name: WASTE, FLAMMABLE LIQUID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0142445
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-26T19:06:20.000
Chemical Name: WASTE, FLAMMABLE SOLID LAB DEBRIS
Common Name: WASTE, FLAMMABLE SOLID LAB DEBRIS
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0142446
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-26T19:06:20.000
Chemical Name: WASTE, BIOHAZARDOUS LIQUID
Common Name: WASTE, BIOHAZARDOUS LIQUID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0142447
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-26T19:06:20.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name: BIOHAZARDOUS WASTE SOLID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0142448
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-26T19:06:20.000
Chemical Name: WASTE SHARPS, CHEMICALLY CONTAMINATED
Common Name: WASTE SHARPS, CHEMICALLY CONTAMINATED
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0250998

Map ID
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MAP FINDINGS

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RECEPTOS SERVICES LLC (Continued)

S118197814

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-17T10:40:45.000
Chemical Name: CARBON DIOXIDE
Common Name: CARBON DIOXIDE (COMPRESSED)
Case Number: 124-38-9

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0250999
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-17T10:40:45.000
Chemical Name: NITROGEN LIQUID
Common Name: NITROGEN LIQUID
Case Number: 7727-37-9

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0251000
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-17T10:40:45.000
Chemical Name: CARBON DIOXIDE, LIQUID
Common Name: CARBON DIOXIDE, LIQUID
Case Number: 124-38-9

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0251001
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-17T10:40:45.000
Chemical Name: HELIUM, LIQUID
Common Name: HELIUM, LIQUID
Case Number: 7440-59-7

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0251002
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-17T10:40:45.000
Chemical Name: Oxygen/Carbon Dioxide
Common Name: Oxygen/Carbon Dioxide, Compressed
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0222341
Trade Secret: N
Hazardous Material Type: Not reported

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EDR ID Number
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RECEPTOS SERVICES LLC (Continued)

S118197814

Last Updated: 2020-03-17T10:40:45.000
Chemical Name: FORMALIN WITH ANIMAL TISSUE
Common Name: FORMALIN WITH ANIMAL TISSUE, CONTAINERIZED LIQUID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0222342
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-17T10:40:45.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: BIOHAZARDOUS SHARPS WASTE
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0222343
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-17T10:40:45.000
Chemical Name: WASTE, FLAMMABLE LIQUID
Common Name: WASTE, FLAMMABLE LIQUID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0222344
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-17T10:40:45.000
Chemical Name: WASTE, FLAMMABLE SOLID LAB DEBRIS
Common Name: WASTE, FLAMMABLE SOLID LAB DEBRIS
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0222345
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-17T10:40:45.000
Chemical Name: WASTE, BIOHAZARDOUS LIQUID
Common Name: WASTE, BIOHAZARDOUS LIQUID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0222346
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-17T10:40:45.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

RECEPTOS SERVICES LLC (Continued)

S118197814

Common Name: BIOHAZARDOUS WASTE SOLID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0222347
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-17T10:40:45.000
Chemical Name: WASTE SHARPS, CHEMICALLY CONTAMINATED
Common Name: WASTE SHARPS, CHEMICALLY CONTAMINATED
Case Number: Not reported

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0276265
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-09-29T00:35:27.000
Chemical Name: CARBON DIOXIDE
Common Name: CARBON DIOXIDE (COMPRESSED)
Case Number: 124-38-9

Record ID: DEH2014-HUPFP-001500
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0276266
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-09-29T00:35:27.000
Chemical Name: NITROGEN LIQUID
Common Name: NITROGEN LIQUID
Case Number: 7727-37-9

CERS HAZ WASTE:

Name: RECEPTOS SERVICES LLC
Address: 3033 SCIENCE PARK RD # 300
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 146971
CERS ID: 10610770
CERS Description: Hazardous Waste Generator

NPDES:

Name: SPECTRUM 2 PARKING STRUCTURE AND SHELL BUILDING
Address: 3033 SCIENCE PARK ROAD
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

RECEPTOS SERVICES LLC (Continued)

S118197814

WDID: 9 37C373992
Regulatory Measure Type: Construction
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Terminated
Status Date: 11/09/2017
Operator Name: Alexandria Real Estate Equities
Operator Address: 10996 Torreyana Road
Operator City: La Jolla
Operator State: California
Operator Zip: 92121

NPDES as of 03/2018:
NPDES Number: CAS000002
Status: Terminated
Agency Number: 0
Region: 9
Regulatory Measure ID: 462375
Order Number: 2009-0009-DWQ
Regulatory Measure Type: Enrollee
Place ID: Not reported
WDID: 9 37C373992
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 09/14/2015
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: 11/08/2017
Discharge Name: Alexandria Real Estate Equities
Discharge Address: 10996 Torreyana Road
Discharge City: La Jolla
Discharge State: California
Discharge Zip: 92121
Received Date: Not reported
Processed Date: Not reported
Status: Not reported
Status Date: Not reported
Place Size: Not reported
Place Size Unit: Not reported
Contact: Not reported
Contact Title: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Email: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported
Operator Zip: Not reported
Operator Contact: Not reported
Operator Contact Title: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

RECEPTOS SERVICES LLC (Continued)

S118197814

Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	9
Regulatory Measure ID:	462375
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	9 37C373992
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

RECEPTOS SERVICES LLC (Continued)

S118197814

Discharge Zip: Not reported
Received Date: 09/08/2015
Processed Date: 09/14/2015
Status: Active
Status Date: 07/07/2017
Place Size: 7.8
Place Size Unit: Acres
Contact: Landry Watson
Contact Title: QSP
Contact Phone: 619-952-2468
Contact Phone Ext: Not reported
Contact Email: LANDRYW@dpr.com
Operator Name: Alexandria Real Estate Equities
Operator Address: 10996 Torreyana Road
Operator City: La Jolla
Operator State: California
Operator Zip: 92121
Operator Contact: Stephen Pomeranke
Operator Contact Title: Not reported
Operator Contact Phone: 858-353-3995
Operator Contact Phone Ext: Not reported
Operator Contact Email: spomeranke@are.com
Operator Type: Private Business
Developer: DPR Construction
Developer Address: 5010 Shoreham Place
Developer City: San Diego
Developer State: California
Developer Zip: 92122
Developer Contact: Landry Watson
Developer Contact Title: QSP
Constype Linear Utility Ind: N
Emergency Phone: Not reported
Emergency Phone Ext: Not reported
Constype Above Ground Ind: N
Constype Below Ground Ind: N
Constype Cable Line Ind: N
Constype Comm Line Ind: N
Constype Commercial Ind: N
Constype Electrical Line Ind: N
Constype Gas Line Ind: N
Constype Industrial Ind: N
Constype Other Description: Not reported
Constype Other Ind: N
Constype Recons Ind: N
Constype Residential Ind: N
Constype Transport Ind: N
Constype Utility Description: Not reported
Constype Utility Ind: N
Constype Water Sewer Ind: N
Dir Discharge Uswater Ind: N
Receiving Water Name: Los Penasquitos Lagoon
Certifier: Stephen Pomeranke
Certifier Title: Vice President
Certification Date: 08-SEP-15
Primary Sic: Not reported
Secondary Sic: Not reported
Tertiary Sic: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

RECEPTOS SERVICES LLC (Continued)

S118197814

CIWQS:

Name: SPECTRUM 2 PARKING STRUCTURE AND SHELL BUILDING
Address: 3033 SCIENCE PARK ROAD
City,State,Zip: SAN DIEGO, CA 92121
Agency: Alexandria Real Estate Equities
Agency Address: 10996 Torreyana Road suite 250, La Jolla, CA 92121
Place/Project Type: Construction
SIC/NAICS: Not reported
Region: 9
Program: CONSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water construction
Order Number: 2009-0009-DWQ
WDID: 9 37C373992
NPDES Number: CAS000002
Adoption Date: Not reported
Effective Date: 09/14/2015
Termination Date: 11/08/2017
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 32.901736
Longitude: -117.23971

CERS:

Name: RECEPTOS SERVICES LLC
Address: 3033 SCIENCE PARK RD # 300
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 146971
CERS ID: 10610770
CERS Description: Chemical Storage Facilities

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-15-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Manese Michael Inspection ID:5309797
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-15-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Manese Michael Inspection ID:5309797
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-02-2018

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

RECEPTOS SERVICES LLC (Continued)

S118197814

Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5948670
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-24-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Burke Mike Inspection ID:6798238
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-02-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5948670
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-24-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Burke Mike Inspection ID:6798238
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3033 Science Park Rd # 300
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: Alexandria Real Estate Equities, Inc
Entity Title: Not reported
Affiliation Address: 4660 LA JOLLA VILLAGE DRIVE, SUITE 725
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92122
Affiliation Phone: (858) 638-2800,

Affiliation Type Desc: Environmental Contact
Entity Name: Paul Ryan

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

RECEPTOS SERVICES LLC (Continued)

S118197814

Entity Title: Not reported
Affiliation Address: 3033 Science Park Rd # 300
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Chad Hansen
Entity Title: EHS Consultant
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Receptos Services LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 652-5700,

Affiliation Type Desc: Parent Corporation
Entity Name: Receptos Services LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Chad Hansen
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: CELGENE CORPORATION
Entity Title: Not reported
Affiliation Address: 86 Morris Ave
Affiliation City: Summit
Affiliation State: NJ
Affiliation Country: United States
Affiliation Zip: 07901
Affiliation Phone: (908) 673-9000,

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

RECEPTOS SERVICES LLC (Continued)

S118197814

Affiliation Type Desc: CUPA District
 Entity Name: San Diego County Env Health Qlty
 Entity Title: Not reported
 Affiliation Address: PO Box 129261
 Affiliation City: San Diego
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 92112-9261
 Affiliation Phone: (858) 505-6880,

L124
SW
1/8-1/4
0.227 mi.
1198 ft.

SINGULAR GENOMICS SYSTEMS INC
3033 SCIENCE PARK RD STE A
SAN DIEGO, CA 92121
Site 18 of 27 in cluster L

RCRA NonGen / NLR **1026491242**
CAL000455992

Relative:
Higher
Actual:
372 ft.

RCRA Listings:
 Date Form Received by Agency: 20200731
 Handler Name: SINGULAR GENOMICS SYSTEMS INC
 Handler Address: 3033 SCIENCE PARK RD STE A
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000455992
 Contact Name: LAURA HALE
 Contact Address: 10931 N TORREY PINES RD STE 100
 Contact City,State,Zip: LA JOLLA, CA 92037
 Contact Telephone: 858-876-8313
 Contact Fax: Not reported
 Contact Email: LAURA@SINGULARGENOMICS.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 10931 N TORREY PINES RD STE 100
 Mailing City,State,Zip: LA JOLLA, CA 92037
 Owner Name: SINGULAR GENOMICS SYSTEMS INC
 Owner Type: Other
 Operator Name: LAURA HALE
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

1026491242

Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200814
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SINGULAR GENOMICS SYSTEMS INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10931 N TORREY PINES RD STE 100
Owner/Operator City,State,Zip:	LA JOLLA, CA 92037
Owner/Operator Telephone:	858-333-7830
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

1026491242

Owner/Operator Indicator: Operator
Owner/Operator Name: LAURA HALE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10931 N TORREY PINES RD STE 100
Owner/Operator City,State,Zip: LA JOLLA, CA 92037
Owner/Operator Telephone: 858-876-8313
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20200731
Handler Name: SINGULAR GENOMICS SYSTEMS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 541715
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

L125
SW
1/8-1/4
0.227 mi.
1198 ft.

RECEPTOS SERVICES LLC
3033 SCIENCE PARK RD STE 300
SAN DIEGO, CA 92121
Site 19 of 27 in cluster L

RCRA-SQG 1016955341
CAR000251355

Relative:
Higher
Actual:
372 ft.

RCRA Listings:
Date Form Received by Agency: 20160111
Handler Name: RECEPTOS SERVICES LLC
Handler Address: 3033 SCIENCE PARK RD STE 300
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAR000251355
Contact Name: JASON DAVENPORT
Contact Address: SCIENCE PARK RD STE 300
Contact City,State,Zip: SAN DIEGO, CA 92121
Contact Telephone: 858-291-7238
Contact Fax: Not reported
Contact Email: JDAVENPORT@CELGENE.COM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RECEPTOS SERVICES LLC (Continued)

1016955341

Contact Title:	FACILITIES LAB & EHS MANAGER
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	SCIENCE PARK RD STE 300
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	CELGENE COPORATION
Owner Type:	Private
Operator Name:	RECEPTOS SERVICES LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
EPA ID Number

RECEPTOS SERVICES LLC (Continued)

1016955341

Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20160126
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D022
Waste Description: CHLOROFORM

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: ALEXANDRIA REAL ESTATE EQUITIES INC
Legal Status: Private
Date Became Current: 20120404
Date Ended Current: Not reported
Owner/Operator Address: 4660 LA JOLLA VILLAGE DR
Owner/Operator City,State,Zip: SAN DIEGO, CA 92122
Owner/Operator Telephone: 858-638-2800
Owner/Operator Telephone Ext: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

RECEPTOS SERVICES LLC (Continued)

1016955341

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CELGENE COPORATION
Legal Status: Private
Date Became Current: 20150927
Date Ended Current: Not reported
Owner/Operator Address: 86 MORRIS AVE
Owner/Operator City,State,Zip: SUMMIT, NJ 07901
Owner/Operator Telephone: 908-673-9000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: RECEPTOS SERVICES LLC
Legal Status: Private
Date Became Current: 20141224
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: RECEPTOS INC
Legal Status: Private
Date Became Current: 20141224
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20150105
Handler Name: RECEPTOS INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20160111
Handler Name: RECEPTOS SERVICES LLC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

RECEPTOS SERVICES LLC (Continued)

1016955341

Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 541711
 NAICS Description: RESEARCH AND DEVELOPMENT IN BIOTECHNOLOGY

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

L126
 SW
 1/8-1/4
 0.227 mi.
 1198 ft.

SCIENCE PARK FACILITY
3033 SCIENCE PARK ROAD
SAN DIEGO, CA 92121
 Site 20 of 27 in cluster L

CA CPS-SLIC S119777486
CA CERS N/A

Relative:
Higher
Actual:
372 ft.

CPS-SLIC:
 Name: SCIENCE PARK FACILITY
 Address: 3033 SCIENCE PARK ROAD
 City,State,Zip: SAN DIEGO, CA 92121
 Region: STATE
Facility Status: Completed - Case Closed
 Status Date: 05/23/2017
 Global Id: T10000003746
 Lead Agency: SAN DIEGO COUNTY LOP
 Lead Agency Case Number: H39790-001
 Latitude: 32.9013441819355
 Longitude: -117.240187525749
 Case Type: Cleanup Program Site
 Case Worker: KH
 Local Agency: SAN DIEGO COUNTY LOP
 RB Case Number: Not reported
 File Location: Local Agency
 Potential Media Affected: Soil Vapor
 Potential Contaminants of Concern: Other Chlorinated Hydrocarbons, Other Solvent or Non-Petroleum Hydrocarbon, Tetrachloroethylene (PCE)
 Site History: Comments: The approximately 6.77-acre Property is located in a commercial area approximately 14 miles north-northwest of Downtown San Diego. The Property includes two 3-story buildings, an adjacent three level parking structure, and surface parking. The building of interest is located at 3033 Science Park Road (TP-II), and consists of approximately 97,955 square feet. Previously, the building consisted of laboratory space, offices, shipping areas, administrative offices, IT space, meeting rooms, building maintenance equipment and common areas. The property was first developed with the current building in 1983. The building was occupied by a defense

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SCIENCE PARK FACILITY (Continued)

S119777486

contractor and its predecessors until the end of July 2012. The Property remained vacant until the Sub-Slab Depressurization System (SSD System) was installed and became operational. A preliminary environmental audit completed in 1990 reviewed business and agency records regarding the handling and use of hazardous substances. The PEA concluded that there was no readily available evidence to suspect that soil or groundwater was impacted beneath the site. Starting in late 2011, Ramboll Environ, formally named ENVIRON International Corporation (RAMBOLL) was retained by ARE-SD Region No. 35 LLC to complete an environmental investigation at the site to determine if there are residual chemical impacts related to historical operations and to implement any remedial measures that would be needed. The site was investigated between late 2011 through August 2012. Soil and soil vapor investigation identified elevated levels of soil vapor to depths up to 25 feet below grade. Soil sampling in these areas did not identify any soil impacts. The vapor impacts were found to be on the first floor, in the area that was originally used for shipping and receiving and the laboratory. Between August 2012 and February 2013, a site mitigation plan was developed. The plan was approved on February 19, 2013, and the system was installed between October 2014 and December 2014. The SSD System went into operation on January 7, 2015. On June 1, 2016, the Sub-Slab Depressurization System Installation and Indoor Air Sampling report was submitted providing documentation of the SSD System operation from January 7, 2016 through May 2016. Additionally, this document provided sampling results for both indoor air in the area of the SSD System and two outdoor air samples to obtain ambient background concentrations. In general all the indoor and outdoor samples had detections of the three primary contaminants associated with the release (Carbon Tetrachloride, Tetrachloroethene (PCE), and Chloroform). The concentrations of PCE and Chloroform in the indoor samples were below levels of concern. Both the indoor and the outdoor samples had Carbon Tetrachloride levels that were similar in magnitude. In comparing indoor and outdoor results, RAMBOLL concluded that the elevated levels in the indoor samples were likely due to the intake air from the ventilation system and not due to vapor intrusion. To verify this conclusion, DEH requested that a second round of sampling be completed at the same sampling locations and three additional sampling locations. Two of the new locations are indoors in an area on the first floor furthest from the impacted area and on the second floor. The third location was an outdoor sample located upwind of the building. This testing was completed in September 2016. The second round of testing documented lower concentrations than the first round, and the indoor results demonstrated that the level of Carbon Tetrachloride measured is primarily a result of ambient air that is being pulled in by the ventilation system. Based on DEHs review of the operation data of the SSD System and the indoor and outdoor air monitoring, the SSD System is operating as designed and is effective in mitigating vapor intrusion through the building floor. Please note that the SSD System needs to continue operating and be maintained and monitored as defined in the recorded Covenant of Environmental Restrictions.

[Click here to access the California GeoTracker records for this facility:](#)

CERS:
Name:

SCIENCE PARK FACILITY

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

SCIENCE PARK FACILITY (Continued)

S119777486

Address: 3033 SCIENCE PARK ROAD
 City,State,Zip: SAN DIEGO, CA 92121
 Site ID: 221874
 CERS ID: T1000003746
 CERS Description: Cleanup Program Site

Affiliation:
 Affiliation Type Desc: Local Agency Caseworker
 Entity Name: KEVIN HEATON - SAN DIEGO COUNTY LOP
 Entity Title: Not reported
 Affiliation Address: P.O. Box 129261
 Affiliation City: San Diego
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

**L127
 SW
 1/8-1/4
 0.227 mi.
 1198 ft.**

**IDEAYA BIOSCIENCES
 3033 SCIENCE PARK RD STE 350
 SAN DIEGO, CA 92121**

Site 21 of 27 in cluster L

**RCRA NonGen / NLR 1024859464
 CAL000426600**

**Relative:
 Higher
 Actual:
 372 ft.**

RCRA Listings:
 Date Form Received by Agency: 20190925
 Handler Name: IDEAYA BIOSCIENCES
 Handler Address: 3033 SCIENCE PARK RD STE 350
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000426600
 Contact Name: ELLEN ACKERMAN
 Contact Address: 7000 SHORELINE COURT
 Contact City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
 Contact Telephone: 650-508-8018
 Contact Fax: Not reported
 Contact Email: ELLEN@GREENENVIRONMENT.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 7000 SHORELINE COURT
 Mailing City,State,Zip: SOUTH SAN FRANCISCO, CA 94080-0000
 Owner Name: IDEAYA BIOSCIENCES INC
 Owner Type: Other
 Operator Name: ELLEN ACKERMAN
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

IDEAYA BIOSCIENCES (Continued)

1024859464

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20191003
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:	
Owner/Operator Indicator:	Owner
Owner/Operator Name:	IDEAYA BIOSCIENCES INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IDEAYA BIOSCIENCES (Continued)

1024859464

Owner/Operator Address: 7000 SHORELINE COURT
Owner/Operator City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone: 650-392-0419
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ELLEN ACKERMAN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 7000 SHORELINE COURT
Owner/Operator City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone: 650-508-8018
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20190925
Handler Name: IDEAYA BIOSCIENCES
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

L128
SW
1/8-1/4
0.227 mi.
1198 ft.

AVIDITY BIOSCIENCES INC
3033 SCIENCE PARK RD STE 230
SAN DIEGO, CA 92121
Site 22 of 27 in cluster L

RCRA NonGen / NLR 1026490647
CAL000455377

Relative:
Higher
Actual:
372 ft.

RCRA Listings:
Date Form Received by Agency: 20220329
Handler Name: AVIDITY BIOSCIENCES INC
Handler Address: 3033 SCIENCE PARK RD STE 230
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000455377

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

AVIDITY BIOSCIENCES INC (Continued)

1026490647

Contact Name:	LESLIE ANN KERINS
Contact Address:	SCIENCE CENTER DR STE 125
Contact City,State,Zip:	SAN DIEGO, CA 92121
Contact Telephone:	858-401-7900 x533
Contact Fax:	Not reported
Contact Email:	LESLIE@AVIDITYBIO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	SCIENCE CENTER DR STE 125
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	AVIDITY BIOSCIENCES INC
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

AVIDITY BIOSCIENCES INC (Continued)

1026490647

Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDU Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20220404
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: AVIDITY BIOSCIENCES INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10578 SCIENCE CENTER DR STE 125
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-401-7900
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: AVIDITY BIOSCIENCES INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10975 N TORREY PINES RD STE 150
Owner/Operator City,State,Zip: LA JOLLA, CA 92037
Owner/Operator Telephone: 858-401-7900
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: LESLIE ANN KERINS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10975 N TORREY PINES RD STE 150
Owner/Operator City,State,Zip: LA JOLLA, CA 92037
Owner/Operator Telephone: 858-401-7900
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

AVIDITY BIOSCIENCES INC (Continued)

1026490647

Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20220329
Handler Name: AVIDITY BIOSCIENCES INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20200630
Handler Name: AVIDITY BIOSCIENCES INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 541715
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

L129 3033 SCIENCE PARK ROAD
SW 3033 SCIENCE PARK ROAD
1/8-1/4 SAN DIEGO, CA 92121
0.227 mi.
1198 ft. Site 23 of 27 in cluster L

CA AST A100416793
N/A

Relative: AST:
Higher Name: 3033 SCIENCE PARK ROAD
Address: 3033 SCIENCE PARK ROAD
Actual: City/Zip: SAN DIEGO,92121
372 ft. Certified Unified Program Agencies: Not reported
Owner: ARE-SD Region No. 35, LLC
Total Gallons: Not reported
CERSID: 10509325
Facility ID: 37-000-001443

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

3033 SCIENCE PARK ROAD (Continued)

A100416793

Business Name: ARE SD Region No 20, LLC
 Phone: (858) 638-2800
 Fax: Not reported
 Mailing Address: 3033 Science Park Road
 Mailing Address City: San Diego
 Mailing Address State: CA
 Mailing Address Zip Code: 92121
 Operator Name: ARE-SD Region No. 35, LLC
 Operator Phone: (858) 638-2811
 Owner Phone: 858-638-2800
 Owner Mail Address: 10966 Torreyana Road, Suite 250
 Owner State: CA
 Owner Zip Code: 92121
 Owner Country: United States
 Property Owner Name: ARE-SD Region No. 35, LLC
 Property Owner Phone: 858-638-2800
 Property Owner Mailing Address: 10996 Torreyana Road, Suite 250
 Property Owner City: San Diego
 Property Owner Stat : CA
 Property Owner Zip Code: 92121
 Property Owner Country: United States
 EPAID: Not reported

L130
SW
1/8-1/4
0.227 mi.
1198 ft.

AEGIS LIFE INC.
3033 SCIENCE PARK RD STE 270
SAN DIEGO, CA 92121
Site 24 of 27 in cluster L

RCRA NonGen / NLR **1026723017**
CAL000460121

Relative:
Higher
Actual:
372 ft.

RCRA Listings:
 Date Form Received by Agency: 20211018
 Handler Name: AEGIS LIFE INC.
 Handler Address: 3033 SCIENCE PARK RD STE 270
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000460121
 Contact Name: HENRY GARCIA
 Contact Address: SCIENCE PARK RD STE 1100
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 716-316-9862
 Contact Fax: Not reported
 Contact Email: HENRY.GARCIA@OISINBIO.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: SCIENCE PARK RD STE 1100
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: JOHN LEWIS
 Owner Type: Other
 Operator Name: AEGIS LIFE INC
 Operator Type: Other
 Short-Term Generator Activity: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

AEGIS LIFE INC. (Continued)

1026723017

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20211020
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

AEGIS LIFE INC. (Continued)

1026723017

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: JOHN LEWIS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3033 SCIENCE PARK RD STE 270
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 760-704-9105
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: JOHN LEWIS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3033 SCIENCE PARK RD STE 270
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 760-704-9105
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: AEGIS LIFE INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3040 SCIENCE PARK RD STE 1100
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 760-704-9105
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JAILAL ABLACK
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3033 SCIENCE PARK RD STE 270
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 323-646-2823
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20211018
Handler Name: AEGIS LIFE INC.
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

AEGIS LIFE INC. (Continued)

1026723017

Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: No
 Electronic Manifest Broker: No

Receive Date: 20210216
 Handler Name: AEGIS LIFE INC.
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: No
 Non Storage Recycler Activity: No
 Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 325412
 NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

L131
 SW
 1/8-1/4
 0.227 mi.
 1198 ft.

SINGULAR GENOMICS SYSTEMS INC
3033 SCIENCE PARK RD STE A
SAN DIEGO, CA 92121
Site 25 of 27 in cluster L

CA CERS HAZ WASTE S113140769
CA HAZNET N/A
CA CERS
CA HWTS

Relative:
Higher
Actual:
372 ft.

CERS HAZ WASTE:
 Name: SINGULAR GENOMICS 3033 SCIENCE PARK ROAD
 Address: 3033 SCIENCE PARK RD STE A, B, C, D AND F
 City,State,Zip: SAN DIEGO, CA 92121
 Site ID: 567362
 CERS ID: 10618462
 CERS Description: Hazardous Waste Generator

HAZNET:

Name: AVIDITY BIOSCIENCES INC
 Address: 3033 SCIENCE PARK RD STE 230
 Address 2: Not reported
 City,State,Zip: SAN DIEGO, CA 92121
 Contact: LESLIE ANN KERINS
 Telephone: 8584017900
 Mailing Name: Not reported
 Mailing Address: 10975 N TORREY PINES RD STE 150
 Year: 2021

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

Gepaid:	CAL000455377
TSD EPA ID:	CAD008364432
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.14595
Year:	2021
Gepaid:	CAL000455992
TSD EPA ID:	NMD002208627
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	2.1835
Year:	2021
Gepaid:	CAL000455992
TSD EPA ID:	NMD002208627
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.018
Year:	2020
Gepaid:	CAL000455992
TSD EPA ID:	NMD002208627
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.4375
Year:	2012
Gepaid:	CAL000302512
TSD EPA ID:	CAD008302903
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.305
Year:	2012
Gepaid:	CAL000302512
TSD EPA ID:	CAD008302903
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.3
Year:	2012
Gepaid:	CAL000302512
TSD EPA ID:	CAD008302903
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.07
Year:	2012
Gepaid:	CAL000302512

Map ID
Direction
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

TSD EPA ID: CAD008302903
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.04

Year: 2011
Gepaid: CAL000302512
TSD EPA ID: CAD008302903
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.04

Year: 2011
Gepaid: CAL000302512
TSD EPA ID: CAD008302903
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.425

[Click this hyperlink](#) while viewing on your computer to access
29 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year: 2012
Gen EPA ID: CAL000302512

Shipment Date: 20120730
Creation Date: 10/23/2012 22:15:09
Receipt Date: 20120807
Manifest ID: 000477480VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.03
Waste Quantity: 60
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120730
Creation Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

Receipt Date: Not reported
Manifest ID: 000477480VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120730
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000477480VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.03
Waste Quantity: 60
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120730
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000477480VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.4
Waste Quantity: 800
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120730
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000477480VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.04
Waste Quantity: 80
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120730
Creation Date: 10/23/2012 22:15:09
Receipt Date: 20120807
Manifest ID: 000477480VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.005

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Database(s)
EDR ID Number
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SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120730
Creation Date:	10/23/2012 22:15:09
Receipt Date:	20120807
Manifest ID:	000477480VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	U159
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	U002
Additional Code 2:	F005
Additional Code 3:	F003
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20120730
Creation Date:	10/23/2012 22:15:09
Receipt Date:	20120807
Manifest ID:	000477480VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	U159
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	U002
Additional Code 2:	F005
Additional Code 3:	F003
Additional Code 4:	D001
Additional Code 5:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)
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SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

Shipment Date:	20120604
Creation Date:	8/7/2012 22:15:19
Receipt Date:	20120612
Manifest ID:	000477085VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120604
Creation Date:	8/7/2012 22:15:19
Receipt Date:	20120612
Manifest ID:	000477085VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2011
Gen EPA ID:	CAL000302512
Shipment Date:	20111229
Creation Date:	3/27/2012 20:30:35
Receipt Date:	20120110

Map ID
Direction
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

Manifest ID: 000458250VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20111229
Creation Date: 3/27/2012 20:30:35
Receipt Date: 20120110
Manifest ID: 000458250VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20111229
Creation Date: 3/27/2012 20:30:35
Receipt Date: 20120110
Manifest ID: 000458250VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC

Map ID
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MAP FINDINGS

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Database(s)
EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111229
Creation Date:	3/27/2012 20:30:35
Receipt Date:	20120110
Manifest ID:	000458250VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111219
Creation Date:	7/19/2012 22:00:24
Receipt Date:	20111230
Manifest ID:	000314919VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005

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EDR ID Number
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Database(s)

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20111219
Creation Date: 7/19/2012 22:00:24
Receipt Date: 20111230
Manifest ID: 000314919VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20111219
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000314919VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 513 - Empty containers less than 30 gallons
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.02
Waste Quantity: 40
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

Shipment Date:	20111219
Creation Date:	7/19/2012 22:00:24
Receipt Date:	20111230
Manifest ID:	000314919VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111219
Creation Date:	7/19/2012 22:00:24
Receipt Date:	20111230
Manifest ID:	000314919VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D039
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.12
Waste Quantity:	240
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111219
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000314919VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.02
Waste Quantity: 40
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2010
Gen EPA ID: CAL000302512

Shipment Date: 20101111
Creation Date: 2/8/2011 18:30:17
Receipt Date: 20101129
Manifest ID: 000474699VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: U019
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.25
Waste Quantity: 500
Quantity Unit: P
Additional Code 1: U002
Additional Code 2: F005
Additional Code 3: F003
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20101111
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000474699VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

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EDR ID Number
EPA ID Number
Database(s)

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

TSDf Alt Name:	Not reported
Waste Code Description:	513 - Empty containers less than 30 gallons
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101111
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000474699VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101111
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000474699VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.12
Waste Quantity:	240
Quantity Unit:	P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101111
Creation Date:	2/8/2011 18:30:17
Receipt Date:	20101129
Manifest ID:	000474699VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101111
Creation Date:	2/8/2011 18:30:17
Receipt Date:	20101129
Manifest ID:	000474699VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101111

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

Creation Date: 2/8/2011 18:30:17
Receipt Date: 20101129
Manifest ID: 000474699VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F005
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.03
Waste Quantity: 60
Quantity Unit: P
Additional Code 1: F003
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20100604
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000101368VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20100604
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000101368VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.03
Waste Quantity: 60
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20100604
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000101368VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.075
Waste Quantity: 150
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2009
Gen EPA ID: CAL000302512

Shipment Date: 20091207
Creation Date: 2/3/2010 18:30:41
Receipt Date: 20091220
Manifest ID: 002160734SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD093459485
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.119
Waste Quantity: 238
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported
Shipment Date: 20091106
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000312529VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0025
Waste Quantity: 5
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported
Shipment Date: 20091106
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000312529VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 141 - Off-specification, aged, or surplus inorganics
RCRA Code: D008
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20091106
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000312529VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F005
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.04
Waste Quantity: 80
Quantity Unit: P
Additional Code 1: F003
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20091106
Creation Date: 2/3/2010 18:30:55
Receipt Date: 20091117
Manifest ID: 000312529VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20091106

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

Creation Date: 2/3/2010 18:30:55
Receipt Date: 20091117
Manifest ID: 000312529VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20091106
Creation Date: 2/3/2010 18:30:55
Receipt Date: 20091117
Manifest ID: 000312529VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: F005
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.075
Waste Quantity: 150
Quantity Unit: P
Additional Code 1: F003
Additional Code 2: D035
Additional Code 3: D018
Additional Code 4: D001
Additional Code 5: Not reported

Shipment Date: 20091106
Creation Date: 2/3/2010 18:30:55
Receipt Date: 20091117
Manifest ID: 000312529VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091022
Creation Date:	12/8/2009 18:30:31
Receipt Date:	20091101
Manifest ID:	002008070SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.119
Waste Quantity:	238
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090831
Creation Date:	3/5/2010 18:30:45
Receipt Date:	20090915
Manifest ID:	001934700SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

Quantity Tons: 0.119
Waste Quantity: 238
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2008
Gen EPA ID: CAL000302512

Shipment Date: 20081223
Creation Date: 2/20/2009 18:30:20
Receipt Date: 20090111
Manifest ID: 001528139SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD093459485
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.12
Waste Quantity: 240
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20081103
Creation Date: 12/16/2008 18:30:08
Receipt Date: 20081117
Manifest ID: 001286161SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD093459485
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080924
Creation Date:	11/17/2008 18:30:18
Receipt Date:	20080926
Manifest ID:	000166057VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080911
Creation Date:	10/30/2008 18:30:18
Receipt Date:	20080929
Manifest ID:	001211208SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD093459485
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.108
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080414
Creation Date:	Not reported
Receipt Date:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

Manifest ID: 000101144VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.03
Waste Quantity: 60
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080414
Creation Date: 8/4/2008 18:30:28
Receipt Date: 20080424
Manifest ID: 000101144VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: F005
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.02
Waste Quantity: 40
Quantity Unit: P
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080414
Creation Date: 8/4/2008 18:30:28
Receipt Date: 20080424
Manifest ID: 000101144VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC

Map ID
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MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.04
Waste Quantity: 80
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080414
Creation Date: 8/4/2008 18:30:28
Receipt Date: 20080424
Manifest ID: 000101144VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080414
Creation Date: 6/25/2008 18:30:21
Receipt Date: 20080430
Manifest ID: 000101145VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: CAD004778742
Trans 2 Name: STURGEON & SON INC
TSDF EPA ID: CAT080014079
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.02

Map ID
Direction
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

Waste Quantity: 40
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080414
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000101144VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.04
Waste Quantity: 80
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2007
Gen EPA ID: CAL000302512

Shipment Date: 20071204
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000047682VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F005
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.08
Waste Quantity: 160
Quantity Unit: P
Additional Code 1: F003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071204
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000047682VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071204
Creation Date:	3/12/2008 18:30:10
Receipt Date:	20071213
Manifest ID:	000047682VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071204
Creation Date:	3/12/2008 18:30:10

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

Receipt Date: 20071213
Manifest ID: 000047682VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D008
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0025
Waste Quantity: 5
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20071204
Creation Date: 3/12/2008 18:30:10
Receipt Date: 20071213
Manifest ID: 000047682VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20071204
Creation Date: 3/12/2008 18:30:10
Receipt Date: 20071213
Manifest ID: 000047682VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20070425
Creation Date: 9/24/2007 18:30:06
Receipt Date: 20070501
Manifest ID: 000046632VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080014079
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0025
Waste Quantity: 5
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2006
Gen EPA ID: CAL000302512

Shipment Date: 20060731
Creation Date: 9/27/2006 18:33:49
Receipt Date: 20060809
Manifest ID: 24655743
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20060731
Creation Date: 9/27/2006 18:33:49
Receipt Date: 20060809
Manifest ID: 24655743
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: CAD008302903
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D008
Meth Code: H01 - Transfer Station
Quantity Tons: 0.04
Waste Quantity: 80
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20060731
Creation Date: 9/27/2006 18:33:49
Receipt Date: 20060809
Manifest ID: 24655743
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: CAD008302903
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: F003
Meth Code: H01 - Transfer Station
Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20060731
Creation Date: 9/27/2006 18:33:49
Receipt Date: 20060809
Manifest ID: 24655743
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: CAD008302903
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:

Name: SINGULAR GENOMICS 3033 SCIENCE PARK ROAD
Address: 3033 SCIENCE PARK RD STE A, B, C, D AND F
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 567362
CERS ID: 10618462
CERS Description: Chemical Storage Facilities

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-13-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6537021
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-08-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6326392
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-17-2015
Violations Found: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

Eval Type: Routine done by local agency
Eval Notes: Inspector: Malone Kaelyn Inspection ID:5384487
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-17-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Malone Kaelyn Inspection ID:5384487
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-13-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6537021
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-08-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6326392
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Legal Owner
Entity Name: Singular Genomics Systems, Inc.
Entity Title: Not reported
Affiliation Address: 10931 N Torrey Pines Rd Ste 100
Affiliation City: La Jolla
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92037
Affiliation Phone: (858) 333-7830,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
Entity Name: H. Scott Tillinghast, Occupational Services, Inc.
Entity Title: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3033 Science Park Rd Ste A
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Laura Hale
Entity Title: Senior Manager Scientific Operations
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Singular Genomics Systems
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Laura Hale
Entity Title: Not reported
Affiliation Address: 10931 N Torrey Pines Rd Ste 100
Affiliation City: La Jolla
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92037
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Singular Genomics Systems, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 333-7830,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

HWTS:

Name: TORREY PINES FACILITY
Address: 3033 SCIENCE PARK RD
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000302512
Inactive Date: 06/30/2013
Create Date: 01/23/2006
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 600 3RD AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: NEW YORK, NY 10016
Owner Name: L-3 COMMUNICATION CORP
Owner Address: 600 3RD AVE
Owner Address 2: Not reported
Owner City,State,Zip: NEW YORK, NY 100161901
Contact Name: JUDI PILLOW FACILITIES MANAGER
Contact Address: 3033 SCIENCE PARK RD
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 921211101
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 32.901882
Longitude: -117.240045

NAICS:

EPA ID: CAL000302512
Create Date: 2006-11-27 18:30:15.000
NAICS Code: 33429
NAICS Description: Other Communications Equipment Manufacturing
Issued EPA ID Date: 2006-01-23 16:04:37.98300
Inactive Date: 2013-06-30 00:00:00
Facility Name: TORREY PINES FACILITY
Facility Address: 3033 SCIENCE PARK RD
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 921211101

Name: AVIDITY BIOSCIENCES INC
Address: 3033 SCIENCE PARK RD STE 230
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000455377
Inactive Date: 03/29/2022
Create Date: 06/30/2020
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 10578 SCIENCE CENTER DR STE 125
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: AVIDITY BIOSCIENCES INC
Owner Address: 10578 SCIENCE CENTER DR STE 125

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 92121
Contact Name: LESLIE ANN KERINS
Contact Address: 10578 SCIENCE CENTER DR STE 125
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 32.900889
Longitude: -117.24024097

NAICS:

EPA ID: CAL000455377
Create Date: 2020-06-30 14:25:48.170
NAICS Code: 541715
NAICS Description: Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)

Issued EPA ID Date: 2020-06-30 14:25:48.17000
Inactive Date: Not reported
Facility Name: AVIDITY BIOSCIENCES INC
Facility Address: 3033 SCIENCE PARK RD STE 230
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 92121

Name: SINGULAR GENOMICS SYSTEMS INC
Address: 3033 SCIENCE PARK RD STE A
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000455992
Inactive Date: Not reported
Create Date: 07/31/2020
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 10931 N. TORREY PINES ROAD
Mailing Address 2: Not reported
Mailing City,State,Zip: LA JOLLA, CA 92037
Owner Name: DREW SPAVENTA
Owner Address: 1201 CAMINO DEL MAR STE 202
Owner Address 2: Not reported
Owner City,State,Zip: DEL MAR, CA 92014
Contact Name: LAURA HALE
Contact Address: 10931 N. TORREY PINES ROAD
Contact Address 2: Not reported
City,State,Zip: LA JOLLA, CA 92037
Facility Status: Active
Facility Type: PERMANENT
Category: STATE
Latitude: 32.900889
Longitude: -117.240241

NAICS:

EPA ID: CAL000455992
Create Date: 2020-07-31 15:35:22.807

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

S113140769

NAICS Code: 541715
 NAICS Description: Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)
 Issued EPA ID Date: 2020-07-31 15:35:22.79000
 Inactive Date: Not reported
 Facility Name: SINGULAR GENOMICS SYSTEMS INC
 Facility Address: 3033 SCIENCE PARK RD STE A
 Facility Address 2: Not reported
 Facility City: SAN DIEGO
 Facility County: Not reported
 Facility State: CA
 Facility Zip: 92121

L132 SW 1/8-1/4 0.227 mi. 1198 ft.	SINGULAR GENOMICS SYSTEMS INC 3033 SCIENCE PARK RD STE F SAN DIEGO, CA 92121 Site 26 of 27 in cluster L	RCRA NonGen / NLR	1026055573 CAL000451756
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Relative:
Higher
Actual:
372 ft.

RCRA Listings:
 Date Form Received by Agency: 20200103
 Handler Name: SINGULAR GENOMICS SYSTEMS INC
 Handler Address: 3033 SCIENCE PARK RD STE F
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000451756
 Contact Name: JEREMY FERRELL
 Contact Address: 10931 N TORREY PINES RD STE 100
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 619-227-8404
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 10931 N TORREY PINES RD STE 100
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: SINGULAR GENOMICS SYSTEMS INC
 Owner Type: Other
 Operator Name: JEREMY FERRELL
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

EDR ID Number
 EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

1026055573

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200210
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SINGULAR GENOMICS SYSTEMS INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10931 N TORREY PINES RD STE 100
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	619-333-7830
Owner/Operator Telephone Ext:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

SINGULAR GENOMICS SYSTEMS INC (Continued)

1026055573

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JEREMY FERRELL
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10931 N TORREY PINES RD STE 100
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 619-227-8404
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20200103
Handler Name: SINGULAR GENOMICS SYSTEMS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 541715
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

L133
SW
1/8-1/4
0.227 mi.
1198 ft.

WELLSPRING BIOSCIENCES INC
3033 SCIENCE PARK RD STE 220
SAN DIEGO, CA 92121

RCRA NonGen / NLR 1024860941
CAL000429400

Site 27 of 27 in cluster L

Relative:
Higher
Actual:
372 ft.

RCRA Listings:

Date Form Received by Agency: 20190925
Handler Name: WELLSPRING BIOSCIENCES INC
Handler Address: 3033 SCIENCE PARK RD STE 220
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000429400
Contact Name: JULIA MURPHEY
Contact Address: 3033 SCIENCE PARK RD STE 220
Contact City,State,Zip: SAN DIEGO, CA 92121

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)
 EDR ID Number
 EPA ID Number

WELLSPRING BIOSCIENCES INC (Continued)

1024860941

Contact Telephone:	858-500-8856
Contact Fax:	Not reported
Contact Email:	JULIA@WELLSPRINGBIOSCIENCES.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3033 SCIENCE PARK RD STE 220
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	WELLSPRING BIOSCIENCES INC
Owner Type:	Other
Operator Name:	JULIA MURPHEY
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

WELLSPRING BIOSCIENCES INC (Continued)

1024860941

Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20191003
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: WELLSPRING BIOSCIENCES INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3033 SCIENCE PARK RD STE 220
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-500-8888
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JULIA MURPHEY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3033 SCIENCE PARK RD STE 220
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-500-8856
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20190925
Handler Name: WELLSPRING BIOSCIENCES INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

WELLSPRING BIOSCIENCES INC (Continued)

1024860941

Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 56299
 NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

N134
NW
1/8-1/4
0.232 mi.
1226 ft.

KALYPSYS, INC
11099 N TORREY PINES RD
LA JOLLA, CA 92037

RCRA NonGen / NLR

1007569102
CAR000060004

Site 1 of 16 in cluster N

Relative:
Higher
Actual:
363 ft.

RCRA Listings:
 Date Form Received by Agency: 20030319
 Handler Name: KALYPSYS, INC
 Handler Address: 11099 N TORREY PINES RD
 Handler City,State,Zip: LA JOLLA, CA 92037
 EPA ID: CAR000060004
 Contact Name: KEVIN LUSTIG
 Contact Address: 10420 WATERIDGE CIRCLE
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-754-3300
 Contact Fax: Not reported
 Contact Email: KARL_KASAI@HOTMAIL.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Private
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 10420 WATERIDGE CIRCLE
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: ARE-11099 N TORREY PINES, LLC
 Owner Type: Other
 Operator Name: KALYPSYS
 Operator Type: Private
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

KALYPSYS, INC (Continued)

1007569102

Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20040812
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

KALYPSYS, INC (Continued)

1007569102

Waste Code: D022
Waste Description: CHLOROFORM

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: U044
Waste Description: CHLOROFORM (OR) METHANE, TRICHLORO-

Waste Code: U188
Waste Description: PHENOL

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: ARE-11099 N TORREY PINES, LLC
Legal Status: Other
Date Became Current: 19940620
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KALYPSYS
Legal Status: Private
Date Became Current: 20011016
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: AKKADIX CORP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

KALYPSYS, INC (Continued)

1007569102

Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11099 N TORREY PINES RD STE 20
Owner/Operator City,State,Zip: LA JOLLA, CA 92037
Owner/Operator Telephone: 858-646-8222
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19991207
Handler Name: AKKADIX CORP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20030319
Handler Name: KALYPSYS, INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 54171
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

N135 **AGOURON PHARMACEUTICALS INC NO 2** **RCRA NonGen / NLR** **1000819678**
NW **11099 N TORREY PINES RD** **CAD983656752**
1/8-1/4 **LA JOLLA, CA 92037**
0.232 mi.
1226 ft. **Site 2 of 16 in cluster N**

**Relative:
 Higher**

RCRA Listings:
 Date Form Received by Agency: 20021023
 Handler Name: AGOURON PHARMACEUTICALS INC NO 2
 Handler Address: 11099 N TORREY PINES RD
 Handler City,State,Zip: LA JOLLA, CA 92037
 EPA ID: CAD983656752
 Contact Name: MARCIA HILMAN
 Contact Address: 10777 SCIENCE CENTER DR
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-622-8033
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Private
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 10777 SCIENCE CENTER DR
 Mailing City,State,Zip: SAN DIEGO, CA 92121-1111
 Owner Name: AGOURON PHARMACEUTICALS INC
 Owner Type: Private
 Operator Name: Not reported
 Operator Type: Not reported
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: NN
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPRA Permit Baseline: Not on the Baseline
 2018 GPRA Renewals Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not reported

**Actual:
 363 ft.**

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

AGOURON PHARMACEUTICALS INC NO 2 (Continued)

1000819678

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRC Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20021107
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

AGOURON PHARMACEUTICALS INC NO 2 (Continued)

1000819678

Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D019
Waste Description:	CARBON TETRACHLORIDE
Waste Code:	D021
Waste Description:	CHLOROBENZENE
Waste Code:	D022
Waste Description:	CHLOROFORM
Waste Code:	D023
Waste Description:	O-CRESOL
Waste Code:	D024
Waste Description:	M-CRESOL
Waste Code:	D025
Waste Description:	P-CRESOL
Waste Code:	D026
Waste Description:	CRESOL
Waste Code:	D028
Waste Description:	1,2-DICHLOROETHANE
Waste Code:	D029
Waste Description:	1,1-DICHLOROETHYLENE
Waste Code:	D030
Waste Description:	2,4-DINITROTOLUENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D036
Waste Description:	NITROBENZENE
Waste Code:	D038
Waste Description:	PYRIDINE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

AGOURON PHARMACEUTICALS INC NO 2 (Continued)

1000819678

Waste Code: D040
Waste Description: TRICHLORETHYLENE

Waste Code: D041
Waste Description: 2,4,5-TRICHLOROPHENOL

Waste Code: D042
Waste Description: 2,4,6-TRICHLOROPHENOL

Waste Code: F001
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: P003
Waste Description: 2-PROPENAL (OR) ACROLEIN

Waste Code: P028
Waste Description: BENZENE, (CHLOROMETHYL)- (OR) BENZYL CHLORIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

AGOURON PHARMACEUTICALS INC NO 2 (Continued)

1000819678

Waste Code: P029
Waste Description: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

Waste Code: P030
Waste Description: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: P087
Waste Description: OSMIUM OXIDE OSO4, (T-4)- (OR) OSMIUM TETROXIDE

Waste Code: P095
Waste Description: CARBONIC DICHLORIDE (OR) PHOSGENE

Waste Code: P105
Waste Description: SODIUM AZIDE

Waste Code: P106
Waste Description: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U003
Waste Description: ACETONITRILE (I,T)

Waste Code: U007
Waste Description: 2-PROPENAMIDE (OR) ACRYLAMIDE

Waste Code: U010
Waste Description: AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-MET HOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C

Waste Code: U044
Waste Description: CHLOROFORM (OR) METHANE, TRICHLORO-

Waste Code: U058
Waste Description: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

Waste Code: U059
Waste Description: 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]- 7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN

Waste Code: U080
Waste Description: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

Waste Code: U088
Waste Description: 1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER (OR) DIETHYL PHTHALATE

Waste Code: U089

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

AGOURON PHARMACEUTICALS INC NO 2 (Continued)

1000819678

Waste Description:	DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-
Waste Code:	U108
Waste Description:	1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE
Waste Code:	U112
Waste Description:	ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)
Waste Code:	U117
Waste Description:	ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)
Waste Code:	U122
Waste Description:	FORMALDEHYDE
Waste Code:	U123
Waste Description:	FORMIC ACID (C,T)
Waste Code:	U132
Waste Description:	HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-
Waste Code:	U134
Waste Description:	HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)
Waste Code:	U151
Waste Description:	MERCURY
Waste Code:	U154
Waste Description:	METHANOL (I) (OR) METHYL ALCOHOL (I)
Waste Code:	U159
Waste Description:	2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)
Waste Code:	U187
Waste Description:	ACETAMIDE, N-(4-ETHOXYPHENYL)- (OR) PHENACETIN
Waste Code:	U188
Waste Description:	PHENOL
Waste Code:	U202
Waste Description:	1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,1-DIOXIDE, & SALTS (OR) SACCHARIN, & SALTS
Waste Code:	U203
Waste Description:	1,3-BENZODIOXOLE, 5-(2-PROPENYL)- (OR) SAFROLE
Waste Code:	U206
Waste Description:	D-GLUCOSE, 2-DEOXY-2-[[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN
Waste Code:	U213
Waste Description:	FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)
Waste Code:	U220
Waste Description:	BENZENE, METHYL- (OR) TOLUENE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

AGOURON PHARMACEUTICALS INC NO 2 (Continued)

1000819678

Waste Code: U239
Waste Description: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Waste Code: U246
Waste Description: CYANOGEN BROMIDE (CN)BR

Waste Code: U248
Waste Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYL-BUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: AGOURON PHARMACEUTICALS INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10777 SCIENCE CENTER DR
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121-1111
Owner/Operator Telephone: 858-622-3000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20021023
Handler Name: AGOURON PHARMACEUTICALS INC NO 2
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

N136 **COI PHARMACEUTICALS INC** **RCRA NonGen / NLR** **1025869607**
NW **11099 N TORREY PINES RD STE 290** **CAL000413449**
1/8-1/4 **LA JOLLA, CA 92037**
0.232 mi.
1226 ft. **Site 3 of 16 in cluster N**

**Relative:
 Higher**

RCRA Listings:
 Date Form Received by Agency: 20151223
 Handler Name: COI PHARMACEUTICALS INC
 Handler Address: 11099 N TORREY PINES RD STE 290
 Handler City,State,Zip: LA JOLLA, CA 92037-1029
 EPA ID: CAL000413449
 Contact Name: FRAN SENCHAK
 Contact Address: 11099 N TORREY PINES RD STE 290
 Contact City,State,Zip: LA JOLLA, CA 92037
 Contact Telephone: 858-750-4704
 Contact Fax: 858-750-4701
 Contact Email: FRAN@AVALON-VENTURES.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 11099 N TORREY PINES RD STE 290
 Mailing City,State,Zip: LA JOLLA, CA 92037-1029
 Owner Name: COI PHARMACEUTICALS INC
 Owner Type: Other
 Operator Name: FRAN SENCHAK
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPRA Permit Baseline: Not on the Baseline
 2018 GPRA Renewals Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not reported

**Actual:
 363 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

COI PHARMACEUTICALS INC (Continued)

1025869607

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20190913
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: COI PHARMACEUTICALS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11099 N TORREY PINES RD STE 290
Owner/Operator City,State,Zip: LA JOLLA, CA 92037-1029
Owner/Operator Telephone: 858-750-4700
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: FRAN SENCHAK
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11099 N TORREY PINES RD STE 290
Owner/Operator City,State,Zip: LA JOLLA, CA 92037
Owner/Operator Telephone: 858-750-4704
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

COI PHARMACEUTICALS INC (Continued)

1025869607

Historic Generators:

Receive Date: 20151223
Handler Name: COI PHARMACEUTICALS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: Not reported
Recognized Trader Exporter: Not reported
Spent Lead Acid Battery Importer: Not reported
Spent Lead Acid Battery Exporter: Not reported
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

**N137
NW
1/8-1/4
0.232 mi.
1226 ft.**

**CYTEL CORP
11099 N TORREY PINES RD
LA JOLLA, CA 92037
Site 4 of 16 in cluster N**

**RCRA NonGen / NLR 1000203452
NY MANIFEST CAD982410243**

**Relative:
Higher
Actual:
363 ft.**

RCRA Listings:

Date Form Received by Agency: 19940429
Handler Name: CYTEL CORP
Handler Address: 11099 N TORREY PINES RD
Handler City,State,Zip: LA JOLLA, CA 92037
EPA ID: CAD982410243
Contact Name: MARK THOMPSON
Contact Address: 11011 TORREYANA RD
Contact City,State,Zip: SAN DIEGO, CA 92121
Contact Telephone: 619-550-8500
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: CA
State District: 4
Mailing Address: TORREYANA RD
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: CYTEL & FIRST CAPITAL LIFE

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

CYTEL CORP (Continued)

1000203452

Owner Type:		Private
Operator Name:	NOT REQUIRED	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20000915
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		Not reported
Manifest Broker:		Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

CYTEL CORP (Continued)

1000203452

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CYTEL & FIRST CAPITAL LIFE
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19940429
Handler Name: CYTEL CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

NY MANIFEST:

Name: IDEC PHARMACEUTICALS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CYTEL CORP (Continued)

1000203452

Address: 11099 N TORREY PINES RD
City,State,Zip: LA JOLLA, CA 92037
Country: USA
EPA ID: CAD982410243
Facility Status: Not reported
Location Address 1: 11099 N TORREY PINES RD
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: LA JOLLA
Location State: CA
Location Zip: 92037
Location Zip 4: Not reported

NY MANIFEST:

EPAID: CAD982410243
Mailing Name: IDEC PHARMACEUTICALS
Mailing Contact: MARTY KING
Mailing Address 1: 11099 N TORREY PINES RD
Mailing Address 2: Not reported
Mailing City: LA JOLLA
Mailing State: CA
Mailing Zip: 92037
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 6194580600

**N138
NW
1/8-1/4
0.232 mi.
1226 ft.**

**HOLLIS-EDEN PHARMACEUTICALS
11099 N TORREY PINES RD
SAN DIEGO, CA 92037**

**CA San Diego Co. HMMD
CA CERS HAZ WASTE
CA HAZNET
CA CERS
CA HWTS**

**S113134395
N/A**

Site 5 of 16 in cluster N

**Relative:
Higher
Actual:
363 ft.**

HMMD SAN DIEGO:

Name: DERMTECH OPERATIONS INC.
Address: 11099 N TORREY PINES RD 100
City,State,Zip: LA JOLLA, CA 92037
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000386479
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 858-450-4222
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 08/18/2022
Facility Owner: Not reported
Facility Mailing Address: 11099 North Torrey Pines Suite 100, La Jolla, CA 92037
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

HOLLIS-EDEN PHARMACEUTICALS (Continued)

S113134395

Generate Medical Waste: Not reported

Inspection Violation:

Record ID: DEH2014-HUPFP-000576
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-000576
Program Element: Medical Waste
Inspection Type: Routine
Inspection Number: 5672570
Return To Compliance Date: 2018-02-13T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-08-24T00:00:00.000
Inspection Date: 2017-06-16T15:47:00.000
Violation Code: HMD4307 Biohazard bag waste stored >7 days at >0+e-|C (for generators of >20lbs/month). HSC 118280(e)(1)(A)

Record ID: DEH2014-HUPFP-000576
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-000576
Program Element: Medical Waste
Inspection Type: Routine
Inspection Number: 6191793
Return To Compliance Date: 2019-08-30T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-08-24T00:00:00.000
Inspection Date: 2019-08-28T00:00:00.000
Violation Code: HMD4209 Primary containers accumulating MW not labeled with an electronic tracking system label or a label with generator's name, address and phone number. SDCC 68.1205

Waste and Materials:

Record ID: DEH2014-HUPFP-000576
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0199704
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-24T02:33:57.000
Chemical Name: Flammable Solvent Waste
Common Name: Flammable Solvent Waste
Case Number: Not reported

Record ID: DEH2014-HUPFP-000576
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0199705
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-24T02:33:57.000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

HOLLIS-EDEN PHARMACEUTICALS (Continued)

S113134395

Chemical Name: Biohazard Solid Waste
Common Name: Biohazard Solid Waste
Case Number: Not reported

Record ID: DEH2014-HUPFP-000576
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2015-HWAST-0050214
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-17T00:49:48.000

Chemical Name: FLAMMABLE SOLVENT WASTE
Common Name: FLAMMABLE SOLVENT WASTE
Case Number: Not reported

Record ID: DEH2014-HUPFP-000576
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2015-HWAST-0050215
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-17T00:49:48.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Case Number: Not reported

Record ID: DEH2014-HUPFP-000576
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2015-HWAST-0050216
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-17T00:49:48.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Case Number: Not reported

CERS HAZ WASTE:

Name: BOUNDLESS BIO, INC.
Address: 11099 N TORREY PINES RD STE 280
City,State,Zip: LA JOLLA, CA 92037
Site ID: 561722
CERS ID: 10740688
CERS Description: Hazardous Waste Generator

HAZNET:

Name: SGI DNA INC
Address: 11099 N TORREY PINES RD STE 150
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Contact: TOM BRADEN
Telephone: 8582420740
Mailing Name: Not reported
Mailing Address: 9535 WAPLES ST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOLLIS-EDEN PHARMACEUTICALS (Continued)

S113134395

Year:	2020
Gepaid:	CAL000444647
TSD EPA ID:	CAD008302903
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0225
Year:	2020
Gepaid:	CAL000444647
TSD EPA ID:	CAD008302903
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.021
Year:	2019
Gepaid:	CAL000444647
TSD EPA ID:	CAD008302903
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.16750
Year:	2019
Gepaid:	CAL000444647
TSD EPA ID:	CAD008302903
CA Waste Code:	751 - Solids or sludges with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.25000
Year:	2019
Gepaid:	CAL000444647
TSD EPA ID:	CAD008302903
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.04650
Year:	2019
Gepaid:	CAL000444647
TSD EPA ID:	CAD008302903
CA Waste Code:	791 - Liquids with pH <= 2
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.00400
Year:	2006
Gepaid:	CAL000287529
TSD EPA ID:	ARD069748192
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	-
Tons:	0.18
Year:	2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

HOLLIS-EDEN PHARMACEUTICALS (Continued)

S113134395

Gepaid:	CAL000287529
TSD EPA ID:	ARD069748192
CA Waste Code:	352 - Other organic solids
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.075
Year:	2006
Gepaid:	CAL000287529
TSD EPA ID:	ARD069748192
CA Waste Code:	-
Disposal Method:	-
Tons:	0.26101
Year:	2006
Gepaid:	CAL000287529
TSD EPA ID:	ARD069748192
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H050 - Energy Recovery At This Site--Use As Fuel(Includes On-Site Fuel Blending)
Tons:	0.126

[Click this hyperlink](#) while viewing on your computer to access additional CA HAZNET: detail in the EDR Site Report.

Additional Info:

Year:	2006
Gen EPA ID:	CAL000287529
Shipment Date:	20061122
Creation Date:	10/30/2008 18:30:24
Receipt Date:	20061221
Manifest ID:	000374935JJK
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID:	ARD069748192
Trans Name:	CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061122
Creation Date:	10/30/2008 18:30:24
Receipt Date:	20061221
Manifest ID:	000374935JJK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

HOLLIS-EDEN PHARMACEUTICALS (Continued)

S113134395

Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC
Trans 2 EPA ID: NED986382133
Trans 2 Name: SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID: ARD069748192
Trans Name: CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H050 - Energy Recovery At This Site--Use As Fuel(Includes On-Site Fuel Blending)

Quantity Tons: 0.126
Waste Quantity: 35
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20060926
Creation Date: 5/6/2008 18:30:17
Receipt Date: 20061023
Manifest ID: 000374666JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC
Trans 2 EPA ID: NED986382133
Trans 2 Name: SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID: ARD069748192
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: - Not reported
Quantity Tons: 0.18
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20060712
Creation Date: 10/21/2006 18:30:10
Receipt Date: 20060724
Manifest ID: 24909503
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT IN
Trans 2 EPA ID: NED986382133
Trans 2 Name: SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID: ARD069748192
Trans Name: TERIS ENS
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

HOLLIS-EDEN PHARMACEUTICALS (Continued)

S113134395

Waste Code Description: - Not reported
RCRA Code: D001
Meth Code: - Not reported
Quantity Tons: 0.015
Waste Quantity: 30
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20060712
Creation Date: 10/21/2006 18:30:10
Receipt Date: 20060724
Manifest ID: 24909503
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT IN
Trans 2 EPA ID: NED986382133
Trans 2 Name: SMITH SYSTEMS TRANSPORTATION
TSDf EPA ID: ARD069748192
Trans Name: TERIS ENS
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: D001
Meth Code: - Not reported
Quantity Tons: 0.22101
Waste Quantity: 53
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20060712
Creation Date: 10/21/2006 18:30:10
Receipt Date: 20060724
Manifest ID: 24909503
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT IN
Trans 2 EPA ID: NED986382133
Trans 2 Name: SMITH SYSTEMS TRANSPORTATION
TSDf EPA ID: ARD069748192
Trans Name: TERIS ENS
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: F003
Meth Code: - Not reported
Quantity Tons: 0.025
Waste Quantity: 50
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

HOLLIS-EDEN PHARMACEUTICALS (Continued)

S113134395

Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:

Name: BOUNDLESS BIO, INC.
Address: 11099 N TORREY PINES RD STE 280
City,State,Zip: LA JOLLA, CA 92037
Site ID: 561722
CERS ID: 10740688
CERS Description: Chemical Storage Facilities

Evaluation:

Eval General Type: Other/Unknown
Eval Date: 04-08-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Due to current Public Health Orders and COVID-19 restrictions, County of San Diego Certified Unified Program Agency (CUPA) inspectors was unable to be physically present in order to conduct this on-site compliance inspection. Therefore, this inspector conducted a remote interview, reviewed electronic documents, and photographs provided by this business to determine compliance with the CUPA Program requirements.

Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-30-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5769957
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-08-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6400183
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-30-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5769957
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Document Preparer
Entity Name: Laurie Carvill

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

HOLLIS-EDEN PHARMACEUTICALS (Continued)

S113134395

Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Diem Vo
Entity Title: Not reported
Affiliation Address: 11099 N. Torrey Pines Road, Ste 280
Affiliation City: La Jolla
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92037
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Boundless Bio, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 766-9911,

Affiliation Type Desc: Legal Owner
Entity Name: Boundless Bio, Inc.
Entity Title: Not reported
Affiliation Address: 11099 N. Torrey Pines Road, Ste 280
Affiliation City: La Jolla
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92037
Affiliation Phone: (858) 766-9911,

Affiliation Type Desc: Property Owner
Entity Name: HCP Torrey Pines, LLC.
Entity Title: Not reported
Affiliation Address: 11025 North Torrey Pines Rd. #105
Affiliation City: La Jolla
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92037
Affiliation Phone: (858) 558-0383,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

HOLLIS-EDEN PHARMACEUTICALS (Continued)

S113134395

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 11099 N. Torrey Pines Road, Ste 280
Affiliation City: La Jolla
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92037
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Diem Vo
Entity Title: Sr. Manager, Operations
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Boundless Bio, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

HWTS:

Name: SGI DNA INC
Address: 11099 N TORREY PINES RD STE 150
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000444647
Inactive Date: 02/21/2020
Create Date: 03/22/2019
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 9535 WAPLES ST
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 921210000
Owner Name: SGI-DNA INC
Owner Address: 11099 N TORREY PINES RD STE 150
Owner Address 2: Not reported
Owner City,State,Zip: LA JOLLA, CA 92037
Contact Name: TOM BRADEN
Contact Address: 9535 WAPLES, SAN DIEGO, CA
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 921210000
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 32.908698
Longitude: -117.239679

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

HOLLIS-EDEN PHARMACEUTICALS (Continued)

S113134395

NAICS:

EPA ID: CAL000444647
Create Date: 2019-03-22 10:26:09.297
NAICS Code: 541715
NAICS Description: Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)
Issued EPA ID Date: 2019-03-22 10:26:09.29700
Inactive Date: 2020-02-21 00:00:00
Facility Name: SGI DNA INC
Facility Address: 11099 N TORREY PINES RD STE 150
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 92121

Name: HOLLIS-EDEN PHARMACEUTICALS
Address: 11099 N TORREY PINES RD
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92037
EPA ID: CAL000287529
Inactive Date: 06/30/2007
Create Date: 10/26/2004
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 4435 EASTGATE MALL STE 400
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: HOLLIS-EDEN PHARMACEUTICALS
Owner Address: 4435 EASTGATE MALL STE 400
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 92121
Contact Name: J WHITMIRE ASSOC DIR MATERIALS
Contact Address: 4435 EASTGATE MALL STE 400
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 32.90731
Longitude: -117.243737

NAICS:

EPA ID: CAL000287529
Create Date: 2004-10-26 10:43:36.653
NAICS Code: 325411
NAICS Description: Medicinal and Botanical Manufacturing
Issued EPA ID Date: 2004-10-26 10:43:36.65300
Inactive Date: 2007-06-30 09:15:34.99700
Facility Name: HOLLIS-EDEN PHARMACEUTICALS
Facility Address: 11099 N TORREY PINES RD
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 92037

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

N139 **BOUNDLESS BIO INC** **RCRA NonGen / NLR** **1025875091**
NW **11099 N TORREY PINES RD STE 280**
1/8-1/4 **LA JOLLA, CA 92037**
0.232 mi.
1226 ft. **Site 6 of 16 in cluster N** **CAL000448224**

**Relative:
 Higher**

RCRA Listings:
 Date Form Received by Agency: 20220923
 Handler Name: BOUNDLESS BIO INC
 Handler Address: 11099 N TORREY PINES RD STE 280
 Handler City,State,Zip: LA JOLLA, CA 92037
 EPA ID: CAL000448224
 Contact Name: DIEM VO
 Contact Address: CAMPUS POINT DR STE 120
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-880-6428
 Contact Fax: Not reported
 Contact Email: DVO@BOUNDLESSBIO.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: CAMPUS POINT DR STE 120
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: BOUNDLESS BIO INC
 Owner Type: Other
 Operator Name: BOUNDLESS BIO INC
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPRA Permit Baseline: Not on the Baseline
 2018 GPRA Renewals Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not reported

**Actual:
 363 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BOUNDLESS BIO INC (Continued)

1025875091

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20220927
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: DIEM VO
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11099 N TORREY PINES RD STE 280
Owner/Operator City,State,Zip: LA JOLLA, CA 92037
Owner/Operator Telephone: 858-766-9922
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: BOUNDLESS BIO INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11099 N TORREY PINES RD STE 280
Owner/Operator City,State,Zip: LA JOLLA, CA 92037
Owner/Operator Telephone: 858-766-9911
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

BOUNDLESS BIO INC (Continued)

1025875091

Owner/Operator Indicator:	Operator
Owner/Operator Name: BOUNDLESS BIO INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	9880 CAMPUS POINT DR
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	858-880-6428
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: BOUNDLESS BIO INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11099 N TORREY PINES RD STE 280
Owner/Operator City,State,Zip:	LA JOLLA, CA 92037
Owner/Operator Telephone:	858-766-9911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20220923
Handler Name: BOUNDLESS BIO INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	20190814
Handler Name: BOUNDLESS BIO INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	541715
NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

BOUNDLESS BIO INC (Continued)

1025875091

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

N140	EPICENTRX INC	RCRA NonGen / NLR	1024866977
NW	11099 N TORREY PINES RD STE 160		CAL000435569
1/8-1/4	LA JOLLA, CA 92037		
0.232 mi.			
1226 ft.	Site 7 of 16 in cluster N		

Relative:	RCRA Listings:		
Higher	Date Form Received by Agency:	EPICENTRX INC	20180501
Actual:	Handler Name:		
363 ft.	Handler Address:		11099 N TORREY PINES RD STE 160
	Handler City,State,Zip:		LA JOLLA, CA 92037
	EPA ID:		CAL000435569
	Contact Name:		ELISA INSEL MANAGER
	Contact Address:		11099 N TORREY PINES RD STE 160
	Contact City,State,Zip:		LA JOLLA, CA 92037
	Contact Telephone:		619-742-2751
	Contact Fax:		858-724-3080
	Contact Email:		EINSEL@EPICENTRX.COM
	Contact Title:		Not reported
	EPA Region:		09
	Land Type:		Not reported
	Federal Waste Generator Description:		Not a generator, verified
	Non-Notifier:		Not reported
	Biennial Report Cycle:		Not reported
	Accessibility:		Not reported
	Active Site Indicator:		Handler Activities
	State District Owner:		Not reported
	State District:		Not reported
	Mailing Address:		11099 N TORREY PINES RD STE 160
	Mailing City,State,Zip:		LA JOLLA, CA 92037
	Owner Name:	EPICENTRX INC	
	Owner Type:		Other
	Operator Name:	ELISA INSEL MANAGER	
	Operator Type:		Other
	Short-Term Generator Activity:		No
	Importer Activity:		No
	Mixed Waste Generator:		No
	Transporter Activity:		No
	Transfer Facility Activity:		No
	Recycler Activity with Storage:		No
	Small Quantity On-Site Burner Exemption:		No
	Smelting Melting and Refining Furnace Exemption:		No
	Underground Injection Control:		No
	Off-Site Waste Receipt:		No
	Universal Waste Indicator:		Yes
	Universal Waste Destination Facility:		Yes
	Federal Universal Waste:		No
	Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
	Active Site Converter Treatment storage and Disposal Facility:		Not reported
	Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

EPICENTRX INC (Continued)

1024866977

Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDs Where RCRA CA has Been Imposed Universe: No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180907
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: EPICENTRX INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11099 N TORREY PINES RD STE 160
Owner/Operator City,State,Zip: LA JOLLA, CA 92037
Owner/Operator Telephone: 858-229-1062
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ELISA INSEL MANAGER
Legal Status: Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

EPICENTRX INC (Continued)

1024866977

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11099 N TORREY PINES RD STE 160
Owner/Operator City,State,Zip: LA JOLLA, CA 92037
Owner/Operator Telephone: 619-742-2751
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20180501
Handler Name: EPICENTRX INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

N141
NW
1/8-1/4
0.232 mi.
1226 ft.

SGI-DNA INC
11099 N TORREY PINES RD STE 150
LA JOLLA, CA 92037

RCRA NonGen / NLR **1024838223**
CAL000384774

Site 8 of 16 in cluster N

Relative:
Higher
Actual:
363 ft.

RCRA Listings:
Date Form Received by Agency: 20130422
Handler Name: SGI-DNA INC
Handler Address: 11099 N TORREY PINES RD STE 150
Handler City,State,Zip: LA JOLLA, CA 92037
EPA ID: CAL000384774
Contact Name: JACQUELINE DUFFIN
Contact Address: 11149 N TORREY PINES RD
Contact City,State,Zip: LA JOLLA, CA 92037
Contact Telephone: 858-242-0740
Contact Fax: 858-754-2988
Contact Email: JDUFFIN@SYNTHETICGENOMICS.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

SGI-DNA INC (Continued)

1024838223

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	11149 N TORREY PINES RD
Mailing City,State,Zip:	LA JOLLA, CA 92037-0000
Owner Name:	SYNTHETIC GENOMICS INC
Owner Type:	Other
Operator Name:	JACQUELINE DUFFIN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SGI-DNA INC (Continued)

1024838223

Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180906
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: SYNTHETIC GENOMICS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11149 N TORREY PINES RD
Owner/Operator City,State,Zip: LA JOLLA, CA 92037-0000
Owner/Operator Telephone: 858-754-2900
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JACQUELINE DUFFIN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11149 N TORREY PINES RD
Owner/Operator City,State,Zip: LA JOLLA, CA 92037
Owner/Operator Telephone: 858-242-0740
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20130422
Handler Name: SGI-DNA INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 54171
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

SGI-DNA INC (Continued)

1024838223

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

N142 GENEWIZ RCRA NonGen / NLR 1025875540
NW 11099 N TORREY PINES RD STE 270 CAL000448675
1/8-1/4 LA JOLLA, CA 92037
0.232 mi.
1226 ft. Site 9 of 16 in cluster N

Relative: RCRA Listings:
Higher Date Form Received by Agency: 20190905
Actual: Handler Name: GENEWIZ
363 ft. Handler Address: 11099 N TORREY PINES RD STE 270
 Handler City,State,Zip: LA JOLLA, CA 92037
 EPA ID: CAL000448675
 Contact Name: LYNNAE MANUEL
 Contact Address: 11099 N TORREY PINES RD STE 270
 Contact City,State,Zip: LA JOLLA, CA 92037
 Contact Telephone: 877-436-3949
 Contact Fax: Not reported
 Contact Email: LYNNAR.MANUEL@GENEWIZ.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 11099 N TORREY PINES RD STE 270
 Mailing City,State,Zip: LA JOLLA, CA 92037
 Owner Name: GENEWIZ AUTO CENTER INC
 Owner Type: Other
 Operator Name: LYNNAE MANUEL
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GENEWIZ (Continued)

1025875540

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190910
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: LYNNAE MANUEL	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11099 N TORREY PINES RD STE 270
Owner/Operator City,State,Zip:	LA JOLLA, CA 92037
Owner/Operator Telephone:	877-436-3949
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: GENEWIZ AUTO CENTER INC	
Legal Status:	Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

GENEWIZ (Continued)

1025875540

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11099 N TORREY PINES RD STE 270
Owner/Operator City,State,Zip: LA JOLLA, CA 92037
Owner/Operator Telephone: 877-436-3949
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20190905
Handler Name: GENEWIZ
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 541715
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

N143
NW
1/8-1/4
0.232 mi.
1226 ft.

AVELAS BIOSCIENCES
11099 N TORREY PINES RD STE 180
LA JOLLA, CA 92037

RCRA NonGen / NLR **1024864833**
CAL000433399

Site 10 of 16 in cluster N

Relative:
Higher
Actual:
363 ft.

RCRA Listings:
Date Form Received by Agency: 20180125
Handler Name: AVELAS BIOSCIENCES
Handler Address: 11099 N TORREY PINES RD STE 180
Handler City,State,Zip: LA JOLLA, CA 92037
EPA ID: CAL000433399
Contact Name: JESUS E GONZALES
Contact Address: 11099 N TORREY PINES RD STE 180
Contact City,State,Zip: LA JOLLA, CA 92037
Contact Telephone: 858-750-4721
Contact Fax: Not reported
Contact Email: TGONZALES@AVELASBIO.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

AVELAS BIOSCIENCES (Continued)

1024864833

Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	11099 N TORREY PINES RD STE 180
Mailing City,State,Zip:	LA JOLLA, CA 92037
Owner Name:	JESUS E GONZALES
Owner Type:	Other
Operator Name:	JESUS E GONZALES
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

AVELAS BIOSCIENCES (Continued)

1024864833

Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180907
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: JESUS E GONZALES
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11099 N TORREY PINES RD STE 180
Owner/Operator City,State,Zip: LA JOLLA, CA 92037
Owner/Operator Telephone: 858-750-4721
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: JESUS E GONZALES
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11099 N TORREY PINES RD STE 180
Owner/Operator City,State,Zip: LA JOLLA, CA 92037
Owner/Operator Telephone: 858-750-4721
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20180125
Handler Name: AVELAS BIOSCIENCES
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

AVELAS BIOSCIENCES (Continued)

1024864833

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

**N144
 NW
 1/8-1/4
 0.232 mi.
 1226 ft.**

**CYTEL CORP
 11099 N TORREY PINES RD
 LA JOLLA, CA 92037**

**RCRA-SQG 1000203454
 CA HAZNET CAD982508467
 CA HWTS**

Site 11 of 16 in cluster N

**Relative:
 Higher
 Actual:
 363 ft.**

RCRA Listings:
 Date Form Received by Agency: 19890811
 Handler Name: CYTEL CORP
 Handler Address: 11099 N TORREY PINES RD
 Handler City,State,Zip: LA JOLLA, CA 92037
 EPA ID: CAD982508467
 Contact Name: ENVIRONMENTAL MANAGER
 Contact Address: 11099 N TORREY PINES RD
 Contact City,State,Zip: LA JOLLA, CA 92037
 Contact Telephone: 619-481-5860
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: CA
 State District: 2
 Mailing Address: N TORREY PINES RD
 Mailing City,State,Zip: LA JOLLA, CA 92037
 Owner Name: CYTEL + FIRST CAPITAL LIFE
 Owner Type: Private
 Operator Name: NOT REQUIRED
 Operator Type: Private
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYTEL CORP (Continued)

1000203454

Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDs Where RCRA CA has Been Imposed Universe: No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20000915
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CYTEL + FIRST CAPITAL LIFE
Legal Status: Private

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYTEL CORP (Continued)

1000203454

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19890811
Handler Name: CYTEL CORP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

HAZNET:

Name: CYTEL CORP
Address: 11099 N TORREY PINES RD
Address 2: Not reported
City,State,Zip: LA JOLLA, CA 920370000
Contact: RICHARD PENUCLAR
Telephone: 6195522757
Mailing Name: Not reported
Mailing Address: 3525 JOHN HOPKINS CT

Year: 1998
Gepaid: CAD982508467
TSD EPA ID: CAD044429835
CA Waste Code: 352 - Other organic solids
Disposal Method: D99 - Disposal, Other
Tons: 0.165

Year: 1998
Gepaid: CAD982508467
TSD EPA ID: CAD044429835
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

CYTEL CORP (Continued)

1000203454

Disposal Method:	D99 - Disposal, Other
Tons:	0.693
Year:	1998
Gepaid:	CAD982508467
TSD EPA ID:	AZD049318009
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	-
Tons:	0.001
Year:	1998
Gepaid:	CAD982508467
TSD EPA ID:	CAD044429835
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	R01 - Recycler
Tons:	0.2293
Year:	1998
Gepaid:	CAD982508467
TSD EPA ID:	CAD044429835
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	D99 - Disposal, Other
Tons:	0.8547
Year:	1998
Gepaid:	CAD982508467
TSD EPA ID:	CAD044429835
CA Waste Code:	791 - Liquids with pH <= 2
Disposal Method:	D99 - Disposal, Other
Tons:	0.7296
Year:	1998
Gepaid:	CAD982508467
TSD EPA ID:	CAD044429835
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	D99 - Disposal, Other
Tons:	0.0125
Year:	1997
Gepaid:	CAD982508467
TSD EPA ID:	OHD083377010
CA Waste Code:	171 - Metal sludge (Alkaline solution (pH >= 12.5) with metals)
Disposal Method:	-
Tons:	0.015
Year:	1997
Gepaid:	CAD982508467
TSD EPA ID:	OHD083377010
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	*** - Invalid Code
Tons:	0.027
Year:	1997
Gepaid:	CAD982508467
TSD EPA ID:	OHD083377010
CA Waste Code:	351 - Organic solids with halogens
Disposal Method:	*** - Invalid Code

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CYTEL CORP (Continued)

1000203454

Tons: 0.01

[Click this hyperlink](#) while viewing on your computer to access 40 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	1998
Gen EPA ID:	CAD982508467
Shipment Date:	19980826
Creation Date:	11/2/1998 0:00:00
Receipt Date:	19980828
Manifest ID:	98420703
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980826
Creation Date:	11/2/1998 0:00:00
Receipt Date:	19980828
Manifest ID:	98420703
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYTEL CORP (Continued)

1000203454

Shipment Date:	19980826
Creation Date:	11/2/1998 0:00:00
Receipt Date:	19980902
Manifest ID:	98420705
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D009
Meth Code:	- Not reported
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980612
Creation Date:	8/3/1998 0:00:00
Receipt Date:	19980616
Manifest ID:	98241578
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980612
Creation Date:	8/3/1998 0:00:00
Receipt Date:	19980616
Manifest ID:	98241578
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835

Map ID
Direction
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYTEL CORP (Continued)

1000203454

Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19980612
Creation Date: 8/3/1998 0:00:00
Receipt Date: 19980616
Manifest ID: 98241578
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.075
Waste Quantity: 150
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19980518
Creation Date: 7/15/1998 0:00:00
Receipt Date: 19980522
Manifest ID: 98237349
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D038
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.231
Waste Quantity: 55
Quantity Unit: G

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYTEL CORP (Continued)

1000203454

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980424
Creation Date:	6/26/1998 0:00:00
Receipt Date:	19980428
Manifest ID:	98298889
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980424
Creation Date:	6/26/1998 0:00:00
Receipt Date:	19980428
Manifest ID:	98298889
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980424
Creation Date:	6/26/1998 0:00:00
Receipt Date:	19980428

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYTEL CORP (Continued)

1000203454

Manifest ID: 98298889
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: CAD044429835
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D038
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.462
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1997
Gen EPA ID: CAD982508467

Shipment Date: 19971217
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19971219
Manifest ID: 97335745
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: CAD044429835
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.1876
Waste Quantity: 45
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19971217
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19971219
Manifest ID: 97335745
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported

Map ID
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MAP FINDINGS

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Database(s)
EDR ID Number
EPA ID Number

CYTEL CORP (Continued)

1000203454

TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D002
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.3544
Waste Quantity: 85
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19971217
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19971219
Manifest ID: 97335745
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19971024
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19971028
Manifest ID: 96775624
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.0225
Waste Quantity: 45

Map ID
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MAP FINDINGS

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Database(s)
EDR ID Number
EPA ID Number

CYTEL CORP (Continued)

1000203454

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971024
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971028
Manifest ID:	96775624
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD044429835
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971008
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971014
Manifest ID:	96774953
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD044429835
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970918
Creation Date:	7/23/1998 0:00:00

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Database(s)
EDR ID Number
EPA ID Number

CYTEL CORP (Continued)

1000203454

Receipt Date: 19970923
Manifest ID: 96697419
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D003
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19970804
Creation Date: 12/4/1997 0:00:00
Receipt Date: 19970808
Manifest ID: 96692817
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D002
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19970725
Creation Date: 12/4/1997 0:00:00
Receipt Date: 19970801
Manifest ID: 96709978
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported

Map ID
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MAP FINDINGS

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Database(s)
EDR ID Number
EPA ID Number

CYTEL CORP (Continued)

1000203454

TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.1668
Waste Quantity: 40
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19970718
Creation Date: 12/4/1997 0:00:00
Receipt Date: 19970722
Manifest ID: 96709928
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1996
Gen EPA ID: CAD982508467

Shipment Date: 19961213
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19961220
Manifest ID: 96397936
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: - Not reported
Quantity Tons: 0.4587

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CYTEL CORP (Continued)

1000203454

Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961113
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961119
Manifest ID:	96393406
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961113
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961119
Manifest ID:	96393406
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961106

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Database(s) EDR ID Number
EPA ID Number

CYTEL CORP (Continued)

1000203454

Creation Date: 5/20/1997 0:00:00
Receipt Date: 19961108
Manifest ID: 96393506
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.221
Waste Quantity: 53
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19961025
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19961101
Manifest ID: 96393347
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.4587
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19960930
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19961004
Manifest ID: 96301843
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported

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MAP FINDINGS

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Database(s)
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CYTEL CORP (Continued)

1000203454

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19960930
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19961004
Manifest ID: 96301843
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.0175
Waste Quantity: 35
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19960906
Creation Date: 5/30/1997 0:00:00
Receipt Date: 19960910
Manifest ID: 96300290
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported

Map ID
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MAP FINDINGS

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Database(s)
EDR ID Number
EPA ID Number

CYTEL CORP (Continued)

1000203454

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960809
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960813
Manifest ID:	96289970
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960809
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960813
Manifest ID:	96289970
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.027
Waste Quantity:	54
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	1995
Gen EPA ID:	CAD982508467

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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CYTEL CORP (Continued)

1000203454

Shipment Date: 19951220
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951222
Manifest ID: 95701997
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: T03 - Treatment, Incineration
Quantity Tons: 0.3544
Waste Quantity: 85
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19951220
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951222
Manifest ID: 95701997
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D001
Meth Code: T03 - Treatment, Incineration
Quantity Tons: 0.019
Waste Quantity: 38
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19951220
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951222
Manifest ID: 95701997
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYTEL CORP (Continued)

1000203454

Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: T03 - Treatment, Incineration
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19951208
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951212
Manifest ID: 95701847
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: T03 - Treatment, Incineration
Quantity Tons: 0.2085
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19951208
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951212
Manifest ID: 95701847
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D001
Meth Code: T03 - Treatment, Incineration
Quantity Tons: 0.013
Waste Quantity: 26
Quantity Unit: P

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CYTEL CORP (Continued)

1000203454

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951201
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951205
Manifest ID:	95701751
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951201
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951205
Manifest ID:	95701751
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.028
Waste Quantity:	56
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951120
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951122

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYTEL CORP (Continued)

1000203454

Manifest ID: 95701647
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080022148
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.02
Waste Quantity: 40
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19951120
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951122
Manifest ID: 95701646
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D001
Meth Code: T03 - Treatment, Incineration
Quantity Tons: 0.029
Waste Quantity: 58
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19951120
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951122
Manifest ID: 95701646
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CYTEL CORP (Continued)

1000203454

Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: T03 - Treatment, Incineration
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1994
Gen EPA ID: CAD982508467

Shipment Date: 19941129
Creation Date: 3/28/1996 0:00:00
Receipt Date: 19941202
Manifest ID: 93497160
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: AZD049318009
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.187
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19941109
Creation Date: 3/28/1996 0:00:00
Receipt Date: 19941111
Manifest ID: 93497035
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: AZD049318009
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.187
Waste Quantity: 55

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CYTEL CORP (Continued)

1000203454

Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19941026
Creation Date: 3/28/1996 0:00:00
Receipt Date: 19941028
Manifest ID: 93491197
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: AZD049318009
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.187
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19941012
Creation Date: 3/28/1996 0:00:00
Receipt Date: 19941014
Manifest ID: 93491013
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: AZD049318009
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.187
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940928
Creation Date: 3/26/1996 0:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYTEL CORP (Continued)

1000203454

Receipt Date: 19940930
Manifest ID: 93490844
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: AZD049318009
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.153
Waste Quantity: 45
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940915
Creation Date: 3/26/1996 0:00:00
Receipt Date: 19940921
Manifest ID: 93496931
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: AZD049318009
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.102
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940907
Creation Date: 3/26/1996 0:00:00
Receipt Date: 19940909
Manifest ID: 93496850
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: AZD049318009
Trans Name: Not reported
TSDf Alt EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CYTEL CORP (Continued)

1000203454

TSDF Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.187
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940824
Creation Date: 3/26/1996 0:00:00
Receipt Date: 19940826
Manifest ID: 93745881
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: AZD049318009
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.187
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940810
Creation Date: 3/26/1996 0:00:00
Receipt Date: 19940812
Manifest ID: 93745866
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: AZD049318009
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.187
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CYTEL CORP (Continued)

1000203454

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940729
Creation Date: 3/26/1996 0:00:00
Receipt Date: 19940803
Manifest ID: 93745715
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: AZD049318009
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.153
Waste Quantity: 45
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1993
Gen EPA ID: CAD982508467

Shipment Date: 19930727
Creation Date: 9/11/1995 0:00:00
Receipt Date: 19930730
Manifest ID: 93170488
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD050806850
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.025
Waste Quantity: 50
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930708

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CYTEL CORP (Continued)

1000203454

Creation Date: 9/11/1995 0:00:00
Receipt Date: 19930713
Manifest ID: 93170389
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD050806850
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.02
Waste Quantity: 40
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930630
Creation Date: 9/11/1995 0:00:00
Receipt Date: 19930702
Manifest ID: 93170282
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD050806850
Trans Name: Not reported
TSDf Alt EPA ID: CAD050806850
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0375
Waste Quantity: 75
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930623
Creation Date: 9/11/1995 0:00:00
Receipt Date: 19930625
Manifest ID: 93170211
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD050806850
Trans Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYTEL CORP (Continued)

1000203454

TSDF Alt EPA ID: CAD050806850
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.03
Waste Quantity: 60
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930604
Creation Date: 9/11/1995 0:00:00
Receipt Date: 19930608
Manifest ID: 93170055
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD050806850
Trans Name: Not reported
TSDF Alt EPA ID: CAD050806850
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.06
Waste Quantity: 120
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930526
Creation Date: 9/8/1995 0:00:00
Receipt Date: 19930528
Manifest ID: 93276366
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD050806850
Trans Name: Not reported
TSDF Alt EPA ID: CAD050806850
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F002
Meth Code: T01 - Treatment, Tank
Quantity Tons: 0.0125
Waste Quantity: 25
Quantity Unit: P
Additional Code 1: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CYTEL CORP (Continued)

1000203454

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930513
Creation Date:	9/8/1995 0:00:00
Receipt Date:	19930518
Manifest ID:	93276202
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD050806850
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.065
Waste Quantity:	130
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930428
Creation Date:	9/7/1995 0:00:00
Receipt Date:	19930430
Manifest ID:	92184205
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD050806850
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930419
Creation Date:	9/7/1995 0:00:00
Receipt Date:	19930423
Manifest ID:	92476396

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYTEL CORP (Continued)

1000203454

Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD050806850
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0375
Waste Quantity: 75
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930414
Creation Date: 9/7/1995 0:00:00
Receipt Date: 19930416
Manifest ID: 92476357
Trans EPA ID: CAD981412356
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD050806850
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F002
Meth Code: T01 - Treatment, Tank
Quantity Tons: 0.015
Waste Quantity: 30
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: CYTEL CORP
Address: 11099 N TORREY PINES RD
Address 2: Not reported
City,State,Zip: LA JOLLA, CA 92037
EPA ID: CAD982508467
Inactive Date: 06/30/1999
Create Date: 06/29/1990
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 3525 JOHN HOPKINS CT
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 921211121

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CYTEL CORP (Continued)

1000203454

Owner Name: HEALTH SCIENCE PROPERTIES
 Owner Address: 9737 AERO DRIVE
 Owner Address 2: Not reported
 Owner City,State,Zip: SAN DIEGO, CA 921230000
 Contact Name: RICHARD PENUCLAR
 Contact Address: INACT PER NONDEL 99VQ FINAL
 Contact Address 2: Not reported
 City,State,Zip: SAN DIEGO, CA 921211121
 Facility Status: Inactive
 Facility Type: PERMANENT
 Category: FEDERAL
 Latitude: 32.904634
 Longitude: -117.243485

**N145
 NW
 1/8-1/4
 0.232 mi.
 1226 ft.**

**DERMTECH INTERNATIONAL
 11099 N TORREY PINES RD STE 100
 LA JOLLA, CA 92037**

RCRA NonGen / NLR

**1024838971
 CAL000386479**

Site 12 of 16 in cluster N

**Relative:
 Higher
 Actual:
 363 ft.**

RCRA Listings:
 Date Form Received by Agency: 20130621
 Handler Name: DERMTECH INTERNATIONAL
 Handler Address: 11099 N TORREY PINES RD STE 100
 Handler City,State,Zip: LA JOLLA, CA 92037
 EPA ID: CAL000386479
 Contact Name: CHUCK ROSALES
 Contact Address: 11099 N. TORREY PINES ROAD
 Contact City,State,Zip: SAN DIEGO, CA 92037
 Contact Telephone: 858-450-4222
 Contact Fax: 858-200-3877
 Contact Email: CROSALES@DERMTECH.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 11099 N TORREY PINES RD STE 100
 Mailing City,State,Zip: LA JOLLA, CA 92037
 Owner Name: FABRUS, INC.
 Owner Type: Other
 Operator Name: CHUCK ROSALES
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

EDR ID Number
 EPA ID Number
 Database(s)

DERMTECH INTERNATIONAL (Continued)

1024838971

Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: CHUCK ROSALES	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11099 N. TORREY PINES ROAD
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92037
Owner/Operator Telephone:	858-450-4222
Owner/Operator Telephone Ext:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

DERMTECH INTERNATIONAL (Continued)

1024838971

Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

 Owner/Operator Indicator: Owner
 Owner/Operator Name: FABRUS, INC.
 Legal Status: Other
 Date Became Current: Not reported
 Date Ended Current: Not reported
 Owner/Operator Address: 11099 N TORREY PINES RD STE 100
 Owner/Operator City,State,Zip: LA JOLLA, CA 92037-1029
 Owner/Operator Telephone: 858-450-4222
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:
 Receive Date: 20130621
 Handler Name: DERMTECH INTERNATIONAL
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
 NAICS Code: 54171
 NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

N146
NW
1/8-1/4
0.232 mi.
1226 ft.

SYNTHORX, INC
11099 N TORREY PINES RD STE 200
LA JOLLA, CA 92037

CA San Diego Co. HMMD **S113174683**
CA CERS HAZ WASTE **N/A**
CA CERS

Site 13 of 16 in cluster N

Relative: HMMD SAN DIEGO:
Higher Name: EPICENTRX, INC.
Actual: Address: 11099 N TORREY PINES RD 160
363 ft. City,State,Zip: LA JOLLA, CA 92037
 Permit Number: Not reported
 Business Type: Not reported
 EPA Id Number: CAL000435569
 APN: Not reported
 Last HMMD Inspection: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SYNTHORX, INC (Continued)

S113174683

Facility Telephone: 858-947-6635
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 09/20/2022
Facility Owner: Not reported
Facility Mailing Address: 11099 North Torrey Pines, Ste 160, La Jolla, CA 92037
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:

Record ID: DEH2018-HUPFP-004455
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-004455
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 6467336
Return To Compliance Date: 2021-06-25T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-07-03T02:11:39.000
Inspection Date: 2021-06-10T00:00:00.000
Violation Code: 1020002 Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)

Waste and Materials:

Record ID: DEH2018-HUPFP-004455
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0269172
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-07-03T02:11:39.000
Chemical Name: red bag waste
Common Name: red bag waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004455
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0269173
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-07-03T02:11:39.000
Chemical Name: bleached and sewerred liquid biohazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SYNTHORX, INC (Continued)

S113174683

Common Name: bleached and sewered liquid biohazardous waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004455
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0269174
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-07-03T02:11:39.000
Chemical Name: hazardous waste liquid - solvent waste
Common Name: hazardous waste liquid - solvent waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004455
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0269175
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-07-03T02:11:39.000
Chemical Name: hazardous waste solid- lab debris
Common Name: hazardous waste solid- lab debris
Case Number: Not reported

Record ID: DEH2018-HUPFP-004455
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0301450
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-07-03T02:11:39.000
Chemical Name: Nitrogen
Common Name: Nitrogen Gas
Case Number: 7727-37-9

Record ID: DEH2018-HUPFP-004455
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0301451
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-07-03T02:11:39.000
Chemical Name: Carbon Dioxide
Common Name: Carbon Dioxide
Case Number: 124-38-9

Record ID: DEH2018-HUPFP-004455
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0269171
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-07-03T02:11:39.000
Chemical Name: sharps waste
Common Name: sharps waste
Case Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SYNTHORX, INC (Continued)

S113174683

Record ID: DEH2018-HUPFP-004455
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0186932
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-30T02:30:29.000
Chemical Name: Nitrogen
Common Name: Nitrogen Gas
Case Number: 7727-37-9

Record ID: DEH2018-HUPFP-004455
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0186933
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-30T02:30:29.000
Chemical Name: Carbon Dioxide
Common Name: Carbon Dioxide
Case Number: 124-38-9

Record ID: DEH2018-HUPFP-004455
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0161896
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-30T02:30:29.000
Chemical Name: sharps waste
Common Name: sharps waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004455
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0161897
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-30T02:30:29.000
Chemical Name: red bag waste
Common Name: red bag waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004455
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0161898
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-30T02:30:29.000
Chemical Name: bleached and sewerred liquid biohazardous waste
Common Name: bleached and sewerred liquid biohazardous waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004455
Permit Status: Permit Renewed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

SYNTHORX, INC (Continued)

S113174683

Active Permit: Y
Child Record Id: DEH2018-HWAST-0161899
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-30T02:30:29.000
Chemical Name: hazardous waste liquid - solvent waste
Common Name: hazardous waste liquid - solvent waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004455
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0161900
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-30T02:30:29.000
Chemical Name: hazardous waste solid- lab debris
Common Name: hazardous waste solid- lab debris
Case Number: Not reported

CERS HAZ WASTE:

Name: DERMTECH, INC.
Address: 11099 N TORREY PINES RD STE 100
City,State,Zip: LA JOLLA, CA 92037
Site ID: 24826
CERS ID: 10455640
CERS Description: Hazardous Waste Generator

Name: GENEWIZ
Address: 11099 N TORREY PINES RD STE 270
City,State,Zip: LA JOLLA, CA 92037
Site ID: 444885
CERS ID: 10371598
CERS Description: Hazardous Waste Generator

Name: EPICENTRX, INC.
Address: 11099 N TORREY PINES RD STE 160
City,State,Zip: LA JOLLA, CA 92037
Site ID: 438846
CERS ID: 10764028
CERS Description: Hazardous Waste Generator

Name: SYNTHORX, INC
Address: 11099 N TORREY PINES RD STE 200
City,State,Zip: LA JOLLA, CA 92037
Site ID: 426713
CERS ID: 10371454
CERS Description: Hazardous Waste Generator

Name: COI PHARMACEUTICALS INC.
Address: 11099 N TORREY PINES RD STE 290
City,State,Zip: LA JOLLA, CA 92037
Site ID: 69824
CERS ID: 10371577
CERS Description: Hazardous Waste Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SYNTHORX, INC (Continued)

S113174683

CERS:

Name: COI PHARMACEUTICALS INC.
Address: 11099 N TORREY PINES RD STE 290
City,State,Zip: LA JOLLA, CA 92037
Site ID: 69824
CERS ID: 10371577
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 69824
Site Name: COI PHARMACEUTICALS INC.
Violation Date: 12-21-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 12/21/2018. Inspection Sequence ID:6046388
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 69824
Site Name: COI PHARMACEUTICALS INC.
Violation Date: 01-21-2015
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 04/10/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 69824
Site Name: COI PHARMACEUTICALS INC.
Violation Date: 01-19-2022
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 02/09/2022. Inspection Sequence ID:6849453;Violation:HMD1005 Emergency contact not provided or current in CERS. HSC 25508.1(f); SDCC 68.904(b)
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 69824
Site Name: COI PHARMACEUTICALS INC.
Violation Date: 12-21-2018
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 01/03/2019. Inspection Sequence ID:6046388

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SYNTHORX, INC (Continued)

S113174683

Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 69824
Site Name: COI PHARMACEUTICALS INC.
Violation Date: 01-19-2022
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.

Violation Notes: Returned to compliance on 02/09/2022. Inspection Sequence ID:6849453
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 69824
Site Name: COI PHARMACEUTICALS INC.
Violation Date: 01-19-2022
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

Violation Notes: Returned to compliance on 02/09/2022. Inspection Sequence ID:6849453
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 69824
Site Name: COI PHARMACEUTICALS INC.
Violation Date: 12-21-2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violation Notes: Returned to compliance on 12/21/2018. Inspection Sequence ID:6046388
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 69824
Site Name: COI PHARMACEUTICALS INC.
Violation Date: 01-19-2022
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to complete and electronically submit a site map with all required content.

Violation Notes: Returned to compliance on 02/09/2022. Inspection Sequence ID:6849453
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SYNTHORX, INC (Continued)

S113174683

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-19-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Harrison Candice Inspection ID:6849453
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-21-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:6046388
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-13-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5591620
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-21-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Malone Kaelyn Inspection ID:4101459
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-21-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5393705
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-21-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:6046388
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-13-2017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SYNTHORX, INC (Continued)

S113174683

Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5591620
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-19-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Harrison Candice Inspection ID:6849453
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-21-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5393705
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Environmental Contact
Entity Name: CURTIS ROBAK
Entity Title: Not reported
Affiliation Address: 11099 N TORREY PINES RD #290
Affiliation City: LA JOLLA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92037
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: COI PHARMACEUTICALS INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SYNTHORX, INC (Continued)

S113174683

Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 11099 N TORREY PINES RD #290
Affiliation City: LA JOLLA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92037
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: COI Pharmaceuticals, Inc.
Entity Title: Not reported
Affiliation Address: 11099 North Torrey Pines Road, Suite 290
Affiliation City: La Jolla
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92037
Affiliation Phone: (858) 750-4700,

Affiliation Type Desc: Document Preparer
Entity Name: CURTIS ROBAK
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: CURTIS ROBAK
Entity Title: DIRECTOR, IT
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: COI PHARMACEUTICALS INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 750-4700,

Name: SYNTHORX, INC
Address: 11099 N TORREY PINES RD STE 200
City,State,Zip: LA JOLLA, CA 92037
Site ID: 426713
CERS ID: 10371454
CERS Description: Chemical Storage Facilities

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

SYNTHORX, INC (Continued)

S113174683

Violations:

Site ID: 426713
Site Name: SYNTHORX, INC
Violation Date: 06-11-2021
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General Inspection Sequence ID:6676976; Violation:HMD0152 Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2)
Violation Notes:
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 426713
Site Name: SYNTHORX, INC
Violation Date: 06-11-2021
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Inspection Sequence ID:6676976
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 426713
Site Name: SYNTHORX, INC
Violation Date: 06-11-2021
Citation: HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes: Inspection Sequence ID:6676976
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-25-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6260183
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SYNTHORX, INC (Continued)

S113174683

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-11-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6676976
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-14-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5868629
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-14-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5868629
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-11-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6676976
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-14-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5869727
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-25-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6260183
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-14-2017
Violations Found: No

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SYNTHORX, INC (Continued)

S113174683

Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5869727
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Environmental Contact
Entity Name: Stacy Fleser
Entity Title: Not reported
Affiliation Address: Attn: Stacy Fleser, 11099 N. Torrey Pines Road, Suite 200
Affiliation City: La Jolla
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92037
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Jacob Miller
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Jacob Miller
Entity Title: Operations Project Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: Attn: Stacy Fleser, 11099 N. Torrey Pines Road, Suite 200
Affiliation City: La Jolla
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92037
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: SYNTHORX, INC.
Entity Title: Not reported
Affiliation Address: 11099 N Torrey Pines Rd. Suite 200
Affiliation City: La Jolla
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92037
Affiliation Phone: (858) 750-4700,

Map ID
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MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

SYNTHORX, INC (Continued)

S113174683

Affiliation Type Desc: Operator
Entity Name: SYNTHORX, INC.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 750-4700,

Affiliation Type Desc: Parent Corporation
Entity Name: SYNTHORX, INC.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: HCP LLC c/o Cushman Wakefield
Entity Title: Not reported
Affiliation Address: 1920 Main Street, Suite 1200
Affiliation City: Irvine
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92614
Affiliation Phone: (760) 712-2488,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Name: DERMTECH, INC.
Address: 11099 N TORREY PINES RD STE 100
City,State,Zip: LA JOLLA, CA 92037
Site ID: 24826
CERS ID: 10455640
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-02-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Malone Kaelyn Inspection ID:5284206
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SYNTHORX, INC (Continued)

S113174683

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-16-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5672570
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-28-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6191793
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 11099 N. Torrey Pines Road, Suite 100
Affiliation City: La Jolla,
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92037
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Chuck Rosales
Entity Title: Safety Officer
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Chuck Rosales
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 450-4222,

Affiliation Type Desc: Property Owner
Entity Name: Touchstone Investments
Entity Title: Not reported
Affiliation Address: 11099 North Torrey Pines Road
Affiliation City: La Jolla
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92039

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SYNTHORX, INC (Continued)

S113174683

Affiliation Phone: (949) 322-0801,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Environmental Contact
Entity Name: Chuck Rosales
Entity Title: Not reported
Affiliation Address: 11099 North Torrey Pines Rd. Suite 100
Affiliation City: La Jolla
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92037
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: DermTech International
Entity Title: Not reported
Affiliation Address: 11099 North Torrey Pines Rd #100
Affiliation City: La Jolla
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92037
Affiliation Phone: (858) 450-4222,

Affiliation Type Desc: Document Preparer
Entity Name: Chuck Rosales
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: DermTech Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: EPICENTRX, INC.
Address: 11099 N TORREY PINES RD STE 160
City,State,Zip: LA JOLLA, CA 92037
Site ID: 438846

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SYNTHORX, INC (Continued)

S113174683

CERS ID: 10764028
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 438846
Site Name: EpicentRx, Inc.
Violation Date: 06-10-2021
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 06/25/2021. Inspection Sequence ID:6467336
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-10-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6467336
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-19-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5977295
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-19-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5977295
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-10-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6467336
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Operator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

SYNTHORX, INC (Continued)

S113174683

Entity Name: EpicentRx Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 947-6644,

Affiliation Type Desc: Environmental Contact
Entity Name: Farah Hedjran
Entity Title: Not reported
Affiliation Address: 11099 N Torrey Pines Road
Affiliation City: La Jolla
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92037
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: EpicentRx Inc.
Entity Title: Not reported
Affiliation Address: 11099 North Torrey Pines, Ste 160
Affiliation City: La
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92037
Affiliation Phone: (858) 947-6635,

Affiliation Type Desc: Parent Corporation
Entity Name: EpicentRx, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 11099 North Torrey Pines, Ste 160
Affiliation City: La Jolla
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92037

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SYNTHORX, INC (Continued)

S113174683

Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Farah Hedjran
Entity Title: Lab Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: GENEWIZ
Address: 11099 N TORREY PINES RD STE 270
City,State,Zip: LA JOLLA, CA 92037
Site ID: 444885
CERS ID: 10371598
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-05-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:6122611
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 11099 N. Torrey Pines Road, Suite 270
Affiliation City: La Jolla
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92037
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Chip Justus
Entity Title: Associate Director
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Genewiz
Entity Title: Not reported
Affiliation Address: 11099 N Torrey Pines Rd Ste 270
Affiliation City: La Jolla
Affiliation State: CA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SYNTHORX, INC (Continued)

S113174683

Affiliation Country: United States
Affiliation Zip: 92037
Affiliation Phone: (858) 484-8889,

Affiliation Type Desc: Property Owner
Entity Name: HCP, Inc.
Entity Title: Not reported
Affiliation Address: 11025 North Torrey Pines Road, Suite 105
Affiliation City: La Jolla
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92037
Affiliation Phone: (858) 558-0835,

Affiliation Type Desc: Document Preparer
Entity Name: Occupational Services, Inc. EHS Consultant
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Environmental Contact
Entity Name: Jamie Gaston
Entity Title: Not reported
Affiliation Address: 11099 N Torrey Pines Rd Ste 270
Affiliation City: La Jolla
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92037
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Genewiz
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 484-8889,

Affiliation Type Desc: Parent Corporation
Entity Name: Genewiz
Entity Title: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SYNTHORX, INC (Continued)

S113174683

Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

**N147
 NW
 1/8-1/4
 0.232 mi.
 1226 ft.**

**P P G X INCORPORATED
 11099 N TORREY PINES RD
 LA JOLLA, CA 92037**

**RCRA-SQG
 CA San Diego Co. HMMD
 FINDS
 ECHO**

**1000857068
 CA0000036285**

Site 14 of 16 in cluster N

**Relative:
 Higher
 Actual:
 363 ft.**

RCRA Listings:
 Date Form Received by Agency: 19980323
 Handler Name: P P G X INCORPORATED
 Handler Address: 11099 N TORREY PINES RD
 Handler City,State,Zip: LA JOLLA, CA 92037-1007
 EPA ID: CA0000036285
 Contact Name: LYNNE BUHL
 Contact Address: 11099 N TORREY PINES RD
 Contact City,State,Zip: LA JOLLA, CA 92037-1007
 Contact Telephone: 858-623-7686
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Private
 Federal Waste Generator Description: Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 11099 N TORREY PINES RD
 Mailing City,State,Zip: LA JOLLA, CA 92037-1007
 Owner Name: P P G X INCORPORATED
 Owner Type: Private
 Operator Name: Not reported
 Operator Type: Not reported
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

P P G X INCORPORATED (Continued)

1000857068

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20021007
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code: D000
 Waste Description: Not Defined

Waste Code: D001
 Waste Description: IGNITABLE WASTE

Waste Code: F003
 Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

P P G X INCORPORATED (Continued)

1000857068

BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	P P G X INCORPORATED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11099 N TORREY PINES RD NO 100
Owner/Operator City,State,Zip:	LA JOLLA, CA 92037-1007
Owner/Operator Telephone:	858-623-7650
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19931019
Handler Name:	P P G X INCORPORATED
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19980320
Handler Name:	P P G X INCORPORATED
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19980323
Handler Name:	P P G X INCORPORATED
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

P P G X INCORPORATED (Continued)

1000857068

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

HMMD SAN DIEGO:

Name: HOLLIS EDEN PHARMACEUTICALS
Address: 11099 N TORREY PINES RD
City,State,Zip: LA JOLLA, CA 92037
Permit Number: 202956
Business Type: 6HK67
EPA Id Number: CAL000287529
APN: 310-110-17-00
Last HMMD Inspection: 07/01/2005
Facility Telephone: 858-452-6652
Permit Status: INAC
Permit Expiration: 05/31/2007
Date Last Updated: 11/02/2012
Facility Owner: HOLLIS EDEN PHARMACEUTICALS, INC
Facility Mailing Address: 11099 N TORREY PINES RD #100-A
Facility Mailing City: LA JOLLA
Facility Mailing State: CA
Facility Mailing Zip: 92037
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Violations Inactive Permits:

Permit Number: 202956
Update Date: 11/02/2012
Inspection Date: 07/01/2005
Violation Code: 6HV0201
Violation: WASTE CONTAINER NOT CLOSED
Violation Citation: Hazardous waste containers are not kept closed while in storage. CCR 66265.173(a)
Activity: Inactive Permit

Permit Number: 202956
Update Date: 11/02/2012
Inspection Date: 07/01/2005
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: Inactive Permit

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

P P G X INCORPORATED (Continued)

1000857068

Permit Number: 202956
Update Date: 11/02/2012
Inspection Date: 07/01/2005
Violation Code: 6HV0402
Violation: TRAINING PROGRAM NOT ADEQUATE
Violation Citation: Personnel training is not adequate to ensure compliance with hazardous waste regulations. CCR 66265.16(a)&(b)
Activity: Inactive Permit

Name: HOLLIS EDEN PHARMACEUTICALS
Address: 11099 N TORREY PINES RD
City,State,Zip: LA JOLLA, CA 92037
Permit Number: 202956
Business Type: 6HK67
EPA Id Number: CAL000287529
APN: 310-110-17-00
Last HMMD Inspection: 07/01/2005
Facility Telephone: 858-452-6652
Permit Status: INAC
Permit Expiration: 05/31/2007
Date Last Updated: 11/02/2012
Facility Owner: HOLLIS EDEN PHARMACEUTICALS, INC
Facility Mailing Address: 11099 N TORREY PINES RD #100-A
Facility Mailing City: LA JOLLA
Facility Mailing State: CA
Facility Mailing Zip: 92037
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Violations Inactive Permits:

Permit Number: 202956
Update Date: 11/02/2012
Inspection Date: 07/01/2005
Violation Code: 6HV0201
Violation: WASTE CONTAINER NOT CLOSED
Violation Citation: Hazardous waste containers are not kept closed while in storage. CCR 66265.173(a)
Activity: Inactive Permit

Permit Number: 202956
Update Date: 11/02/2012
Inspection Date: 07/01/2005
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: Inactive Permit

Permit Number: 202956
Update Date: 11/02/2012
Inspection Date: 07/01/2005

Map ID
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

P P G X INCORPORATED (Continued)

1000857068

Violation Code: 6HV0402
Violation: TRAINING PROGRAM NOT ADEQUATE
Violation Citation: Personnel training is not adequate to ensure compliance with hazardous waste regulations. CCR 66265.16(a)&(b)
Activity: Inactive Permit

Name: STRATAGENE CLONING SYSTEMS
Address: 11099 N TORREY PINES RD
City,State,Zip: LA JOLLA, CA 92037
Permit Number: 128578
Business Type: 6HK67
EPA Id Number: CAD981975261
APN: DEH-128578
Last HMMD Inspection: 10/28/1994
Facility Telephone: 858-535-5400
Permit Status: INAC
Permit Expiration: 10/28/1994
Date Last Updated: 11/02/2012
Facility Owner: JOSEPH SORGE
Facility Mailing Address: 11099 N TORREY PINES RD
Facility Mailing City: LA JOLLA
Facility Mailing State: CA
Facility Mailing Zip: 92037-1007
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Name: STRATAGENE CLONING SYSTEMS
Address: 11099 N TORREY PINES RD
City,State,Zip: LA JOLLA, CA 92037
Permit Number: 150582
Business Type: 6HK10
EPA Id Number: Not reported
APN: 310-110-17-00
Last HMMD Inspection: Not reported
Facility Telephone: 858-535-5455
Permit Status: INAC
Permit Expiration: 12/31/2002
Date Last Updated: 11/02/2012
Facility Owner: STRATAGENE CLONING SYSTEMS
Facility Mailing Address: 11099 N TORREY PINES RD
Facility Mailing City: LA JOLLA
Facility Mailing State: CA
Facility Mailing Zip: 92037-1007
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

P P G X INCORPORATED (Continued)

1000857068

Name: HOLLIS EDEN PHARMACEUTICALS
Address: 11099 N TORREY PINES RD
City,State,Zip: LA JOLLA, CA 92037
Permit Number: 202956
Business Type: 6HK67
EPA Id Number: CAL000287529
APN: 310-110-17-00
Last HMMD Inspection: 07/01/2005
Facility Telephone: 858-452-6652
Permit Status: INAC
Permit Expiration: 05/31/2007
Date Last Updated: 11/02/2012
Facility Owner: HOLLIS EDEN PHARMACEUTICALS, INC
Facility Mailing Address: 11099 N TORREY PINES RD #100-A
Facility Mailing City: LA JOLLA
Facility Mailing State: CA
Facility Mailing Zip: 92037
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Violations Inactive Permits:

Permit Number: 202956
Update Date: 11/02/2012
Inspection Date: 07/01/2005
Violation Code: 6HV0201
Violation: WASTE CONTAINER NOT CLOSED
Violation Citation: Hazardous waste containers are not kept closed while in storage. CCR 66265.173(a)
Activity: Inactive Permit

Permit Number: 202956
Update Date: 11/02/2012
Inspection Date: 07/01/2005
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: Inactive Permit

Permit Number: 202956
Update Date: 11/02/2012
Inspection Date: 07/01/2005
Violation Code: 6HV0402
Violation: TRAINING PROGRAM NOT ADEQUATE
Violation Citation: Personnel training is not adequate to ensure compliance with hazardous waste regulations. CCR 66265.16(a)&(b)
Activity: Inactive Permit

Name: LA JOLLA INSTITUTE FOR E. MED
Address: 11099 N TORREY PINES RD
City,State,Zip: LA JOLLA, CA 92037

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

P P G X INCORPORATED (Continued)

1000857068

Permit Number: 123117
Business Type: 6HK67
EPA Id Number: CAL000039252
APN: 310-110-17-00
Last HMMD Inspection: 01/15/1992
Facility Telephone: 858-458-9985
Permit Status: INAC
Permit Expiration: 01/15/1992
Date Last Updated: 11/02/2012
Facility Owner: BALIT U S HOLDING
Facility Mailing Address: 11099 N TORREY PINES RD
Facility Mailing City: LA JOLLA
Facility Mailing State: CA
Facility Mailing Zip: 92037-1007
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

FINDS:

Registry ID: 110055848873

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:
STATE MASTER

Registry ID: 110002611371

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110009544779

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000857068
Registry ID: 110009544779
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110009544779>

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

P P G X INCORPORATED (Continued)

1000857068

Name: CYTEL CORP
 Address: 11099 N TORREY PINES RD
 City,State,Zip: LA JOLLA, CA 92037

Envid: 1000857068
 Registry ID: 110002611371
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002611371>
 Name: P P G X INCORPORATED
 Address: 11099 N TORREY PINES RD
 City,State,Zip: LA JOLLA, CA 92037

**N148
 NW
 1/8-1/4
 0.232 mi.
 1226 ft.**

**SYNTHORX INC
 11099 N TORREY PINES RD STE 200
 LA JOLLA, CA 92037
 Site 15 of 16 in cluster N**

**RCRA NonGen / NLR 1024860542
 CAL000428987**

**Relative:
 Higher
 Actual:
 363 ft.**

RCRA Listings: 20170707

Date Form Received by Agency: 20170707

Handler Name: SYNTHORX INC

Handler Address: 11099 N TORREY PINES RD STE 200
 LA JOLLA, CA 92037
 EPA ID: CAL000428987

Contact Name: STEPHANE MACLEOD
 Contact Address: 11099 N TORREY PINES RD STE 200
 Contact City,State,Zip: LA JOLLA, CA 92037
 Contact Telephone: 858-531-1900
 Contact Fax: Not reported
 Contact Email: SMACLEAD@SYNTHORX.COM
 Contact Title: Not reported

EPA Region: 09

Land Type: Not reported

Federal Waste Generator Description: Not a generator, verified

Non-Notifier: Not reported

Biennial Report Cycle: Not reported

Accessibility: Not reported

Active Site Indicator: Handler Activities

State District Owner: Not reported

State District: Not reported

Mailing Address: 11099 N TORREY PINES RD STE 290
 Mailing City,State,Zip: LA JOLLA, CA 92037

Owner Name: SYNTHORX INC

Owner Type: Other

Operator Name: STEPHANE MACLEOD

Operator Type: Other

Short-Term Generator Activity: No

Importer Activity: No

Mixed Waste Generator: No

Transporter Activity: No

Transfer Facility Activity: No

Recycler Activity with Storage: No

Small Quantity On-Site Burner Exemption: No

Smelting Melting and Refining Furnace Exemption: No

Underground Injection Control: No

Off-Site Waste Receipt: No

Universal Waste Indicator: Yes

Universal Waste Destination Facility: Yes

Federal Universal Waste: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

SYNTHORX INC (Continued)

1024860542

Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: SYNTHORX INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11099 N TORREY PINES RD STE 200
Owner/Operator City,State,Zip:	LA JOLLA, CA 92037
Owner/Operator Telephone:	858-531-1900
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

SYNTHORX INC (Continued)

1024860542

Owner/Operator Indicator: Operator
Owner/Operator Name: STEPHANE MACLEOD
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11099 N TORREY PINES RD STE 200
Owner/Operator City,State,Zip: LA JOLLA, CA 92037
Owner/Operator Telephone: 858-531-1900
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20170707
Handler Name: SYNTHORX INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

**N149
NW
1/8-1/4
0.232 mi.
1226 ft.**

**SENOMYX
11099 N. TORREY PINES ROAD
LA JOLLA, CA 92037
Site 16 of 16 in cluster N**

**RCRA-SQG 1008194572
CAL000171514**

**Relative:
Higher**

RCRA Listings:

Date Form Received by Agency: 20050227
Handler Name: SENOMYX
Handler Address: 11099 N. TORREY PINES ROAD
Handler City,State,Zip: LA JOLLA, CA 92037
EPA ID: CAL000171514
Contact Name: NIGEL R BEELEY
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 858-646-8388
Contact Fax: Not reported
Contact Email: NIGEL.BEELEY@SENOMYX.COM
Contact Title: Not reported

**Actual:
363 ft.**

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SENOMYX (Continued)

1008194572

EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	11099 N. TORREY PINES ROAD
Mailing City,State,Zip:	LA JOLLA, CA 92037
Owner Name:	ALEXANDRIA (AREE)
Owner Type:	Private
Operator Name:	KENT SNYDER
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SENOMYX (Continued)

1008194572

Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20070305
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Biennial: List of Years

Year: 2005

[Click Here for Biennial Reporting System Data:](#)

Year: 2003

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D022
Waste Description: CHLOROFORM

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

SENOMYX (Continued)

1008194572

MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: P068
Waste Description: HYDRAZINE, METHYL- (OR) METHYL HYDRAZINE

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: KENT SNYDER
Legal Status: Private
Date Became Current: 20030616
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KENT SNYDER
Legal Status: Private
Date Became Current: 20030816
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: KENT SNYDER
Legal Status: Private
Date Became Current: 20030616
Date Ended Current: Not reported
Owner/Operator Address: 11099 NORTH TORREY PINES RD.
Owner/Operator City,State,Zip: SAN DIEGO, CA 92037
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ALEXANDRIA (AREE)
Legal Status: Private
Date Became Current: 19980916
Date Ended Current: Not reported
Owner/Operator Address: 4660 LA JOLLA VILLAGE DR.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SENOMYX (Continued)

1008194572

Owner/Operator City,State,Zip: SAN DIEGO, CA 92122
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KENT SNYDER
Legal Status: Private
Date Became Current: 20030816
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ALEXANDRIA (AREE)
Legal Status: Private
Date Became Current: 19980916
Date Ended Current: Not reported
Owner/Operator Address: 4660 LA JOLLA VILLAGE DR.
Owner/Operator City,State,Zip: SAN DIEGO, CA 92122
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20040220
Handler Name: SENOMYX
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20050227
Handler Name: SENOMYX
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

SENOMYX (Continued)

1008194572

Receive Date: 20050227
 Handler Name: SENOMYX
 Federal Waste Generator Description: Small Quantity Generator
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 54171
 NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

O150
East
1/8-1/4
0.233 mi.
1231 ft.

TREELINE BIOSCIENCES INC
11180 ROSELLE ST STE A/B
SAN DIEGO, CA 92121

RCRA NonGen / NLR **1026828281**
CAL000463274

Site 1 of 5 in cluster O

Relative:
Lower
Actual:
27 ft.

RCRA Listings:
 Date Form Received by Agency: 20210608
 Handler Name: TREELINE BIOSCIENCES INC
 Handler Address: 11180 ROSELLE ST STE A/B
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000463274
 Contact Name: MIKE PETRASSI
 Contact Address: 11180 ROSELLE ST STE A/B
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 760-846-9522
 Contact Fax: Not reported
 Contact Email: MPETRASSI@TREELINEBIOSCIENCES.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 11180 ROSELLE ST STE A/B
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: TREELINE BIOSCIENCES INC

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

TREELINE BIOSCIENCES INC (Continued)

1026828281

Owner Type:		Other
Operator Name:	MIKE PETRASSI	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20210618
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TREELINE BIOSCIENCES INC (Continued)

1026828281

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: MIKE PETRASSI
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11180 ROSELLE ST STE A/B
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 760-846-9522
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TREELINE BIOSCIENCES INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11180 ROSELLE ST STE A/B
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 203-489-5700
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20210608
Handler Name: TREELINE BIOSCIENCES INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 541715
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

O151 **PATHOLOGY MEDICAL LABS** **RCRA-SQG** **1000243436**
East **11180 ROSELLE ST STE F** **FINDS** **CAD981172430**
1/8-1/4 **SAN DIEGO, CA 92121** **ECHO**
0.233 mi.
1231 ft. **Site 2 of 5 in cluster O**

Relative:	RCRA Listings:	
Lower	Date Form Received by Agency:	19960901
Actual:	Handler Name:	PATHOLOGY MEDICAL LABS
27 ft.	Handler Address:	11180 ROSELLE ST STE F
	Handler City,State,Zip:	SAN DIEGO, CA 92121
	EPA ID:	CAD981172430
	Contact Name:	Not reported
	Contact Address:	Not reported
	Contact City,State,Zip:	Not reported
	Contact Telephone:	Not reported
	Contact Fax:	Not reported
	Contact Email:	Not reported
	Contact Title:	Not reported
	EPA Region:	09
	Land Type:	Not reported
	Federal Waste Generator Description:	Small Quantity Generator
	Non-Notifier:	Not reported
	Biennial Report Cycle:	Not reported
	Accessibility:	Not reported
	Active Site Indicator:	Handler Activities
	State District Owner:	CA
	State District:	4
	Mailing Address:	11180 ROSELLE ST STE F
	Mailing City,State,Zip:	SAN DIEGO, CA 92121
	Owner Name:	Not reported
	Owner Type:	Not reported
	Operator Name:	NOT REQUIRED
	Operator Type:	Private
	Short-Term Generator Activity:	No
	Importer Activity:	No
	Mixed Waste Generator:	No
	Transporter Activity:	No
	Transfer Facility Activity:	No
	Recycler Activity with Storage:	No
	Small Quantity On-Site Burner Exemption:	No
	Smelting Melting and Refining Furnace Exemption:	No
	Underground Injection Control:	No
	Off-Site Waste Receipt:	No
	Universal Waste Indicator:	No
	Universal Waste Destination Facility:	No
	Federal Universal Waste:	No
	Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
	Active Site Converter Treatment storage and Disposal Facility:	Not reported
	Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
	Active Site State-Reg Handler:	---
	Federal Facility Indicator:	Not reported
	Hazardous Secondary Material Indicator:	NN
	Sub-Part K Indicator:	Not reported
	Commercial TSD Indicator:	No
	Treatment Storage and Disposal Type:	Not reported
	2018 GPRA Permit Baseline:	Not on the Baseline
	2018 GPRA Renewals Baseline:	Not on the Baseline
	Permit Renewals Workload Universe:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

PATHOLOGY MEDICAL LABS (Continued)

1000243436

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20020917
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: PATHOLOGY MEDICAL GRP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

PATHOLOGY MEDICAL LABS (Continued)

1000243436

Historic Generators:

Receive Date: 19960901
Handler Name: PATHOLOGY MEDICAL LABS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19860122
Handler Name: PATHOLOGY MEDICAL LABS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 621511
NAICS Description: MEDICAL LABORATORIES

Facility Has Received Notices of Violation:

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19911022
Actual Return to Compliance Date: 19961022
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

PATHOLOGY MEDICAL LABS (Continued)

1000243436

Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 19911022
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19961022
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:

Registry ID: 110002681928

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000243436
Registry ID: 110002681928
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002681928>
Name: PATHOLOGY MEDICAL LABS
Address: 11180 ROSELLE ST STE F
City,State,Zip: SAN DIEGO, CA 92121

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

O152	TREELINE BIOSCIENCES INC	RCRA-SQG	1015740369
East	11180 ROSELLE ST STE A/B		CAR000230722
1/8-1/4	SAN DIEGO, CA 92121		
0.233 mi.	Site 3 of 5 in cluster O		
1231 ft.			

Relative:
Lower

RCRA Listings:

Actual:
27 ft.

Date Form Received by Agency:	20220322	
Handler Name:	TREELINE BIOSCIENCES INC	
Handler Address:	11180 ROSELLE ST STE A/B	
Handler City,State,Zip:	SAN DIEGO, CA 92121	
EPA ID:	CAR000230722	
Contact Name:	DANIEL MUTNICK	
Contact Address:	11180 ROSELLE ST STE A/B	
Contact City,State,Zip:	SAN DIEGO, CA 92121	
Contact Telephone:	858-766-5718	
Contact Fax:	Not reported	
Contact Email:	DMUTNICK@TREELIN.BIO	
Contact Title:	Not reported	
EPA Region:	09	
Land Type:	Private	
Federal Waste Generator Description:	Small Quantity Generator	
Non-Notifier:	E	
Biennial Report Cycle:	Not reported	
Accessibility:	Not reported	
Active Site Indicator:	Handler Activities	
State District Owner:	Not reported	
State District:	Not reported	
Mailing Address:	11180 ROSELLE ST STE A/B	
Mailing City,State,Zip:	SAN DIEGO, CA 92121	
Owner Name:	BIOMED REALTY	
Owner Type:	Private	
Operator Name:	TREELINE BIOSCIENCES INC	
Operator Type:	Private	
Short-Term Generator Activity:	No	
Importer Activity:	No	
Mixed Waste Generator:	No	
Transporter Activity:	No	
Transfer Facility Activity:	No	
Recycler Activity with Storage:	No	
Small Quantity On-Site Burner Exemption:	No	
Smelting Melting and Refining Furnace Exemption:	No	
Underground Injection Control:	No	
Off-Site Waste Receipt:	No	
Universal Waste Indicator:	No	
Universal Waste Destination Facility:	No	
Federal Universal Waste:	No	
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported	
Active Site Converter Treatment storage and Disposal Facility:	Not reported	
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported	
Active Site State-Reg Handler:	---	
Federal Facility Indicator:	Not reported	
Hazardous Secondary Material Indicator:	N	
Sub-Part K Indicator:	Not reported	
Commercial TSD Indicator:	No	
Treatment Storage and Disposal Type:	Not reported	
2018 GPRA Permit Baseline:	Not on the Baseline	
2018 GPRA Renewals Baseline:	Not on the Baseline	
Permit Renewals Workload Universe:	Not reported	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TREELINE BIOSCIENCES INC (Continued)

1015740369

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRC Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220324
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

TREELINE BIOSCIENCES INC (Continued)

1015740369

Waste Code: D011
Waste Description: SILVER

Waste Code: D018
Waste Description: BENZENE

Waste Code: D019
Waste Description: CARBON TETRACHLORIDE

Waste Code: D022
Waste Description: CHLOROFORM

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D038
Waste Description: PYRIDINE

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: P003
Waste Description: 2-PROPENAL (OR) ACROLEIN

Waste Code: P005
Waste Description: 2-PROPEN-1-OL (OR) ALLYL ALCOHOL

Waste Code: P028

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TREELINE BIOSCIENCES INC (Continued)

1015740369

Waste Description:	BENZENE, (CHLOROMETHYL)- (OR) BENZYL CHLORIDE
Waste Code:	P030
Waste Description:	CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED
Waste Code:	P098
Waste Description:	POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)
Waste Code:	P102
Waste Description:	2-PROPYN-1-OL (OR) PROPARGYL ALCOHOL
Waste Code:	P105
Waste Description:	SODIUM AZIDE
Waste Code:	P106
Waste Description:	SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)
Waste Code:	U001
Waste Description:	ACETALDEHYDE (I) (OR) ETHANAL (I)
Waste Code:	U002
Waste Description:	2-PROPANONE (I) (OR) ACETONE (I)
Waste Code:	U003
Waste Description:	ACETONITRILE (I,T)
Waste Code:	U006
Waste Description:	ACETYL CHLORIDE (C,R,T)
Waste Code:	U067
Waste Description:	ETHANE, 1,2-DIBROMO- (OR) ETHYLENE DIBROMIDE
Waste Code:	U113
Waste Description:	2-PROPENOIC ACID, ETHYL ESTER (I) (OR) ETHYL ACRYLATE (I)
Waste Code:	U133
Waste Description:	HYDRAZINE (R,T)
Waste Code:	U138
Waste Description:	METHANE, IODO- (OR) METHYL IODIDE
Waste Code:	U196
Waste Description:	PYRIDINE
Waste Code:	U204
Waste Description:	SELENIOUS ACID (OR) SELENIUM DIOXIDE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BMR SORRENTO WEST LP
Legal Status:	Private
Date Became Current:	20121015
Date Ended Current:	Not reported
Owner/Operator Address:	17190 BERNARDO CENTER DR
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92128
Owner/Operator Telephone:	858-207-5857
Owner/Operator Telephone Ext:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TREELINE BIOSCIENCES INC (Continued)

1015740369

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TREELINE BIOSCIENCES INC
Legal Status: Private
Date Became Current: 20121101
Date Ended Current: Not reported
Owner/Operator Address: 11180 ROSELLE ST STE A/B
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-766-5730
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: EFFECTOR THERAPEUTICS INC
Legal Status: Private
Date Became Current: 20121101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: EFFECTOR THERAPEUTICS INC
Legal Status: Private
Date Became Current: 20121101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: BIOMED REALTY
Legal Status: Private
Date Became Current: 20121015
Date Ended Current: Not reported
Owner/Operator Address: 4750 EXECUTIVE DR STE 400
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-485-9840
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: BMR SORRENTO WEST LP
Legal Status: Private
Date Became Current: 20121015
Date Ended Current: Not reported
Owner/Operator Address: 17190 BERNARDO CENTER DR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TREELINE BIOSCIENCES INC (Continued)

1015740369

Owner/Operator City,State,Zip: SAN DIEGO, CA 92128
Owner/Operator Telephone: 858-207-5857
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20201228
Handler Name: EFFECTOR THERAPEUTICS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20121016
Handler Name: EFFECTOR THERAPEUTICS INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20220322
Handler Name: TREELINE BIOSCIENCES INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 54171
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TREELINE BIOSCIENCES INC (Continued)

1015740369

Evaluations:

No Evaluations Found

O153
East
1/8-1/4
0.233 mi.
1231 ft.

EUROFINS DISCOVERX
11180 ROSELLE ST STE D
SAN DIEGO, CA 92121

CA San Diego Co. HMMD
CA CERS HAZ WASTE
CA CERS

S103956236
N/A

Site 4 of 5 in cluster O

Relative:
Lower
Actual:
27 ft.

HMMD SAN DIEGO:
Name: ORGANOVO, INC
Address: 11180 ROSELLE ST
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 210542
Business Type: 6HK67
EPA Id Number: CAL000341499
APN: 310-120-20-00
Last HMMD Inspection: 10/06/2009
Facility Telephone: 858-550-9994
Permit Status: INAC
Permit Expiration: 06/30/2009
Date Last Updated: 11/02/2012
Facility Owner: ORGANOVO, INC
Facility Mailing Address: 11180 ROSELLE ST #H
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Name: DISCOVERX
Address: 11180 ROSELLE ST
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 213519
Business Type: 6HAB32
EPA Id Number: CAL000364130
APN: 310-120-20-00
Last HMMD Inspection: 08/31/2011
Facility Telephone: 858-224-6916
Permit Status: OPEN
Permit Expiration: 12/31/2012
Date Last Updated: 11/02/2012
Facility Owner: DISCOVERX
Facility Mailing Address: 42501 ALBRAE ST
Facility Mailing City: Fremont
Facility Mailing State: CA
Facility Mailing Zip: 94538
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

EUROFINS DISCOVERX (Continued)

S103956236

Generate Medical Waste: Y

Inventory Active Permits (not SQG Medical):

Permit Number: 213519
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 213519
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213519
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL FUEL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 213519
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 213519
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 213519
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: ETHIDIOM BROMIDE GEL WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213519

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

EUROFINS DISCOVERX (Continued)

S103956236

Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213519
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Name: ORGANOVO, INC
Address: 11180 ROSELLE ST
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 210542
Business Type: 6HK67
EPA Id Number: CAL000341499
APN: 310-120-20-00
Last HMMD Inspection: 10/06/2009
Facility Telephone: 858-550-9994
Permit Status: INAC
Permit Expiration: 06/30/2009
Date Last Updated: 11/02/2012
Facility Owner: ORGANOVO, INC
Facility Mailing Address: 11180 ROSELLE ST #H
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Name: ORGANOVO, INC
Address: 11180 ROSELLE ST
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 210542
Business Type: 6HK67
EPA Id Number: CAL000341499
APN: 310-120-20-00
Last HMMD Inspection: 10/06/2009
Facility Telephone: 858-550-9994
Permit Status: INAC
Permit Expiration: 06/30/2009
Date Last Updated: 11/02/2012
Facility Owner: ORGANOVO, INC
Facility Mailing Address: 11180 ROSELLE ST #H

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

EUROFINS DISCOVERX (Continued)

S103956236

Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

CERS HAZ WASTE:

Name: EUROFINS DISCOVERX
Address: 11180 ROSELLE ST STE D
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 111676
CERS ID: 10389412
CERS Description: Hazardous Waste Generator

CERS:

Name: EUROFINS DISCOVERX
Address: 11180 ROSELLE ST STE D
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 111676
CERS ID: 10389412
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 111676
Site Name: Eurofins DISCOVERX
Violation Date: 02-19-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 02/19/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-03-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5610816
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-01-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:6070338
Eval Division: San Diego County Department of Env Health

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

EUROFINS DISCOVERX (Continued)

S103956236

Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-05-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Burke Mike Inspection ID:6433557
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-01-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:6070338
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-03-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5610816
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-05-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Burke Mike Inspection ID:6433557
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-19-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Manese Michael Inspection ID:4110744
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-19-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Manese Michael Inspection ID:4110744
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

EUROFINS DISCOVERX (Continued)

S103956236

Affiliation:

Affiliation Type Desc: Environmental Contact
Entity Name: Andrew Vu
Entity Title: Not reported
Affiliation Address: 11180 Roselle St Ste D
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Eurofins DiscoverX
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 224-6901,

Affiliation Type Desc: Legal Owner
Entity Name: Eurofins DiscoverX
Entity Title: Not reported
Affiliation Address: 11180 Roselle St, Suite D
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 224-6901,

Affiliation Type Desc: Property Owner
Entity Name: B M R- Sorrento West LLC
Entity Title: Not reported
Affiliation Address: 11095 Flintkote Ave
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 450-3116,

Affiliation Type Desc: Document Preparer
Entity Name: Jayce Galeazzi
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 11180 Roselle St Ste D
Affiliation City: San Diego
Affiliation State: CA

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

EUROFINS DISCOVERX (Continued)

S103956236

Affiliation Country: Not reported
 Affiliation Zip: 92121
 Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
 Entity Name: Jayce Galeazzi
 Entity Title: Not reported
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

Affiliation Type Desc: CUPA District
 Entity Name: San Diego County Env Health Qlty
 Entity Title: Not reported
 Affiliation Address: PO Box 129261
 Affiliation City: San Diego
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 92112-9261
 Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Parent Corporation
 Entity Name: Eurofins DiscoverX
 Entity Title: Not reported
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

O154
East
1/8-1/4
0.233 mi.
1231 ft.

DISCOVERX INC
11180 ROSELLE ST STE D
SAN DIEGO, CA 92121
Site 5 of 5 in cluster O

RCRA NonGen / NLR **1024829926**
CAL000364130

Relative:
Lower
Actual:
27 ft.

RCRA Listings:
 Date Form Received by Agency: 20110527
 Handler Name: DISCOVERX INC
 Handler Address: 11180 ROSELLE ST STE D
 Handler City,State,Zip: SAN DIEGO, CA 92121-1211
 EPA ID: CAL000364130
 Contact Name: PIETRO CICERI
 Contact Address: 11180 ROSELLE ST STE D
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-224-6917
 Contact Fax: 000-000-0000
 Contact Email: PCICERI@DISCOVERX.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DISCOVERX INC (Continued)

1024829926

Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		11180 ROSELLE ST STE D
Mailing City,State,Zip:		SAN DIEGO, CA 92121-1211
Owner Name:	DISCOVERX INC	
Owner Type:		Other
Operator Name:	PIETRO CICERI	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSD Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

DISCOVERX INC (Continued)

1024829926

Financial Assurance Required: Not reported
Handler Date of Last Change: 20180905
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: PIETRO CICERI
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11180 ROSELLE ST STE D
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-224-6917
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DISCOVERX INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 42501 ALBRAE ST
Owner/Operator City,State,Zip: FREMONT, CA 94538-3142
Owner/Operator Telephone: 510-979-1415
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20110527
Handler Name: DISCOVERX INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 54171
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

DISCOVERX INC (Continued)

1024829926

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

P155
SW
1/8-1/4
0.238 mi.
1255 ft.

GOSSAMER BIO INC
3013 SCIENCE PARK RD STE 200
SAN DIEGO, CA 92121
Site 1 of 5 in cluster P

RCRA NonGen / NLR **1024867588**
CAL000436183

Relative:
Higher
Actual:
379 ft.

RCRA Listings: 20180516
 Date Form Received by Agency: 20180516
 Handler Name: GOSSAMER BIO INC
 Handler Address: 3013 SCIENCE PARK RD STE 200
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000436183
 Contact Name: LISA EVANS
 Contact Address: 3013 SCIENCE PARK RD STE 200
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-684-1300
 Contact Fax: 858-625-0146
 Contact Email: LEVANS@GOSSAMERBIO.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 3013 SCIENCE PARK RD STE 200
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: GOSSAMER BIO INC
 Owner Type: Other
 Operator Name: LISA EVANS
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: Yes
 Universal Waste Destination Facility: Yes
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GOSSAMER BIO INC (Continued)

1024867588

Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDs Where RCRA CA has Been Imposed Universe: No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180907
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: GOSSAMER BIO INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3013 SCIENCE PARK RD STE 200
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-684-1300
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: LISA EVANS
Legal Status: Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

GOSSAMER BIO INC (Continued)

1024867588

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3013 SCIENCE PARK RD STE 200
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-684-1300
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20180516
Handler Name: GOSSAMER BIO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 541715
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

P156
SW
1/8-1/4
0.238 mi.
1255 ft.

GOSSAMER BIO INC
3013 SCIENCE PARK RD
SAN DIEGO, CA 92121

RCRA-SQG 1027219279
CAR000335505

Site 2 of 5 in cluster P

Relative:
Higher
Actual:
379 ft.

RCRA Listings:

Date Form Received by Agency: 20220223
Handler Name: GOSSAMER BIO INC
Handler Address: 3013 SCIENCE PARK RD
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAR000335505
Contact Name: DAVID KOERNER
Contact Address: SCIENCE PARK RD
Contact City,State,Zip: SAN DIEGO, CA 92121
Contact Telephone: 619-212-3932
Contact Fax: Not reported
Contact Email: DKOERNER@GOSSAMERBIO.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Private

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GOSSAMER BIO INC (Continued)

1027219279

Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	SCIENCE PARK RD
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	ALEXANDRIA REAL ESTATE EQUITIES INC
Owner Type:	Private
Operator Name:	GOSSAMER BIO INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GOSSAMER BIO INC (Continued)

1027219279

Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20220308
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D018
Waste Description: BENZENE

Waste Code: D022
Waste Description: CHLOROFORM

Waste Code: D028
Waste Description: 1,2-DICHLOROETHANE

Waste Code: D038
Waste Description: PYRIDINE

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

GOSSAMER BIO INC (Continued)

1027219279

Waste Code: U236
Waste Description: 2,7-NAPHTHALENEDISULFONIC ACID,3,3'-[(3,3'-DIMETHYL[1,1'-BIPHENYL]-4,4'-DIYL)BIS(AZO)BIS[5-AMINO-4-HYDROXY]-, TETRASODIUM SALT (OR) TRYPAN BLUE

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: ALEXANDRIA REAL ESTATE EQUITIES INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10996 TORREYANA RD
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-638-2800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: JBEARSE@ARE.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: GOSSAMER BIO INC
Legal Status: Private
Date Became Current: 20180601
Date Ended Current: Not reported
Owner/Operator Address: 3013 SCIENCE PARK RD
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 619-212-3932
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: DKOERNER@GOSSAMERBIO.COM

Historic Generators:

Receive Date: 20220223
Handler Name: GOSSAMER BIO INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 541714
NAICS Description: RESEARCH AND DEVELOPMENT IN BIOTECHNOLOGY (EXCEPT NANOBIOTECHNOLOGY

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

P157 SPECTRUM CA CERS TANKS S128863310
SW 3013-3033 SCIENCE PARK ROAD & 3115 MERRYFIELD ROW N/A
1/8-1/4 SAN DIEGO, CA 92121
0.238 mi.
1255 ft. Site 3 of 5 in cluster P

Relative:
Higher
Actual:
379 ft.

CERS TANKS:
 Name: SPECTRUM
 Address: 3013-3033 SCIENCE PARK ROAD & 3115 MERRYFIELD ROW
 City,State,Zip: SAN DIEGO, CA 92121
 Site ID: 4172
 CERS ID: 10509325
 CERS Description: Aboveground Petroleum Storage

Violations:

Site ID: 4172
 Site Name: Spectrum
 Violation Date: 05-17-2022
 Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
 Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
 Violation Notes: Returned to compliance on 05/17/2022. Inspection Sequence ID:6923713
 Violation Division: San Diego County Department of Env Health
 Violation Program: HMRRP
 Violation Source: CERS,

Site ID: 4172
 Site Name: Spectrum
 Violation Date: 05-17-2022
 Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
 Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
 Violation Notes: Returned to compliance on 05/25/2022. Inspection Sequence ID:6923713
 Violation Division: San Diego County Department of Env Health
 Violation Program: HMRRP
 Violation Source: CERS,

Site ID: 4172
 Site Name: Spectrum
 Violation Date: 05-29-2019
 Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
 Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
 Violation Notes: Returned to compliance on 07/30/2019. Inspection Sequence ID:6154887
 Violation Division: San Diego County Department of Env Health
 Violation Program: HMRRP
 Violation Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SPECTRUM (Continued)

S128863310

Site ID: 4172
Site Name: Spectrum
Violation Date: 04-28-2017
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to maintain a complete copy of the SPCC Plan at the facility if the facility is normally attended at least four hours per day, or at the nearest field office if the facility is not so attended.
Violation Notes: Returned to compliance on 03/19/2018.
Violation Division: San Diego County Department of Env Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 4172
Site Name: Spectrum
Violation Date: 05-29-2019
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to comply with one or more of the following requirements: 1. Have record of inspections and integrity tests signed by the appropriate supervisor or inspector. 2. Keep written procedures and records of inspections and integrity tests for at least three years. 3. Keep comparison records.
Violation Notes: Returned to compliance on 08/09/2019. Inspection Sequence ID:6154887
Violation Division: San Diego County Department of Env Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 4172
Site Name: Spectrum
Violation Date: 05-29-2019
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 05/29/2019. Inspection Sequence ID:6154887
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-16-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Burke Mike Inspection ID:5291903
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-28-2017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SPECTRUM (Continued)

S128863310

Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5681731
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-17-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Williams Cameron Inspection ID:6923713
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-17-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Williams Cameron Inspection ID:6923713
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-29-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Olson Matthew Inspection ID:6154887
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-28-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5681731
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-29-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Olson Matthew Inspection ID:6154887
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-16-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Burke Mike Inspection ID:5291903

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SPECTRUM (Continued)

S128863310

Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Identification Signer
Entity Name: Naomi Creceley
Entity Title: Senior Asset Services Coordinator
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: JASON MOORHEAD
Entity Title: Not reported
Affiliation Address: 10996 Torreyana Road, Suite 250
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 10966 Torreyana Road, Suite 250
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: ARE-SD Region No. 35, LLC
Entity Title: Not reported
Affiliation Address: 10966 Torreyana Road, Suite 250
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 638-2800,

Affiliation Type Desc: Operator
Entity Name: ARE-SD Region No. 35, LLC

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

SPECTRUM (Continued)

S128863310

Entity Title: Not reported
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: (858) 638-2811,

Affiliation Type Desc: Property Owner
 Entity Name: ARE-SD Region No. 35, LLC
 Entity Title: Not reported
 Affiliation Address: 10996 Torreyana Road, Suite 250
 Affiliation City: San Diego
 Affiliation State: CA
 Affiliation Country: United States
 Affiliation Zip: 92121
 Affiliation Phone: (858) 638-2800,

Affiliation Type Desc: Parent Corporation
 Entity Name: ARE SD Region No 20, LLC
 Entity Title: Not reported
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

P158
SW
1/8-1/4
0.238 mi.
1255 ft.

THE MEDICINES COMPANY (SAN DIEGO), LLC
3013 SCIENCE PARK ROAD
SAN DIEGO, CA 92121
Site 4 of 5 in cluster P

RCRA NonGen / NLR **1023675055**
CAR000269928

Relative:
Higher
Actual:
379 ft.

RCRA Listings:
 Date Form Received by Agency: 20181213
 Handler Name: THE MEDICINES COMPANY (SAN DIEGO), LLC
 Handler Address: 3013 SCIENCE PARK ROAD
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAR000269928
 Contact Name: ZIAD H TARAZI
 Contact Address: NANCY RIDGE DR STE 100
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-500-8362
 Contact Fax: 858-875-2851
 Contact Email: ZIAD.TARAZI@QPEXBIO.COM
 Contact Title: LAB MGR/SR RESEARCH ASSOCIATE
 EPA Region: 09
 Land Type: Private
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: NANCY RIDGE DR STE 100

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

THE MEDICINES COMPANY (SAN DIEGO), LLC (Continued)

1023675055

Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	ALEXANDRIA REAL ESTATE EQUITIES, INC.
Owner Type:	Private
Operator Name:	THE MEDICINES COMPANY (SAN DIEGO), LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181218
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE MEDICINES COMPANY (SAN DIEGO), LLC (Continued)

1023675055

Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: THE MEDICINES COMPANY (SAN DIEGO), LLC
Legal Status: Private
Date Became Current: 20170201
Date Ended Current: Not reported
Owner/Operator Address: 3013 SCIENCE PARK ROAD
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: REMPEX PHARMACEUTICALS, INC.
Legal Status: Private
Date Became Current: 20170101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: REMPEX PHARMACEUTICALS, INC A WHOLLY OWNER
Legal Status: Private
Date Became Current: 20170206

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE MEDICINES COMPANY (SAN DIEGO), LLC (Continued)

1023675055

Date Ended Current: Not reported
Owner/Operator Address: 3013 SCIENCE PARK ROAD
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-865-4800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ALEXANDRIA REAL ESTATE EQUITIES, INC.
Legal Status: Private
Date Became Current: 20170201
Date Ended Current: Not reported
Owner/Operator Address: 10996 TORREYANA ROAD STE 250
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-638-2811
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 858-530-8191
Owner/Operator Email: JMOORHEAD@ARE.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: ALEXANDRIA REAL ESTATE EQUITIES, INC.
Legal Status: Private
Date Became Current: 20170201
Date Ended Current: Not reported
Owner/Operator Address: 10996 TORREYANA ROAD STE 250
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-638-2811
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 858-530-8191
Owner/Operator Email: JMOORHEAD@ARE.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: THE MEDICINES COMPANY (SAN DIEGO), LLC
Legal Status: Private
Date Became Current: 20170201
Date Ended Current: Not reported
Owner/Operator Address: 3013 SCIENCE PARK ROAD
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20181213
Handler Name: THE MEDICINES COMPANY (SAN DIEGO), LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

THE MEDICINES COMPANY (SAN DIEGO), LLC (Continued)

1023675055

Receive Date: 20170127
 Handler Name: REMPEX PHARMACEUTICALS, INC. A WHOLLY OWNED SUBSIDIARY OF THE MEDICINES COMPANY
 Federal Waste Generator Description: Small Quantity Generator
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: No
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

Receive Date: 20180409
 Handler Name: THE MEDICINES COMPANY (SAN DIEGO), LLC
 Federal Waste Generator Description: Small Quantity Generator
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: No
 Non Storage Recycler Activity: No
 Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 54171
 NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

P159
SW
1/8-1/4
0.238 mi.
1255 ft.
Relative:
Higher
Actual:
379 ft.

GOSSAMER BIO
3013 SCIENCE PARK RD STE 200
SAN DIEGO, CA 92121
Site 5 of 5 in cluster P

CA CERS HAZ WASTE **S112057337**
CA NPDES **N/A**
CA CIWQS
CA CERS

CERS HAZ WASTE:
 Name: GOSSAMER BIO
 Address: 3013 SCIENCE PARK RD STE 200
 City,State,Zip: SAN DIEGO, CA 92121
 Site ID: 437725
 CERS ID: 10762504
 CERS Description: Hazardous Waste Generator

NPDES:
 Name: SPECTRUM BUILDING 2
 Address: 3013 SCIENCE PARK ROAD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GOSSAMER BIO (Continued)

S112057337

City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: Not reported
Regulatory Measure Type: Construction
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Returned
Status Date: 08/24/2015
Operator Name: Alexandria Real Estate Equities Inc
Operator Address: 4660 La Jolla Village Drive
Operator City: San Diego
Operator State: California
Operator Zip: 92122

CIWQS:

Name: SPECTRUM BUILDING 2
Address: 3013 SCIENCE PARK ROAD
City,State,Zip: SAN DIEGO, CA 92122
Agency: Alexandria Real Estate Equities
Agency Address: 10996 Torreyana Road suite 250, La Jolla, CA 92121
Place/Project Type: Construction
SIC/NAICS: Not reported
Region: 9
Program: CONSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water construction
Order Number: 2009-0009-DWQ
WDID: 9 37C373819
NPDES Number: CAS000002
Adoption Date: Not reported
Effective Date: 08/25/2015
Termination Date: 05/03/2016
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 32.90194
Longitude: -117.24

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GOSSAMER BIO (Continued)

S112057337

CERS:

Name: GOSSAMER BIO
Address: 3013 SCIENCE PARK RD STE 200
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 437725
CERS ID: 10762504
CERS Description: Chemical Storage Facilities

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-20-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Burke Mike Inspection ID:6828208
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-20-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Burke Mike Inspection ID:6828208
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-27-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Soquiat Joseph Inspection ID:6390369
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-12-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:5972321
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-27-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Soquiat Joseph Inspection ID:6390369
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-12-2018
Violations Found: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GOSSAMER BIO (Continued)

S112057337

Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:5972321
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Legal Owner
Entity Name: Gossamer Bio, Inc.
Entity Title: Not reported
Affiliation Address: 3013 Science Park Rd Ste 200
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 344-8447,

Affiliation Type Desc: Property Owner
Entity Name: ARE-SD Region 35 LLC
Entity Title: Not reported
Affiliation Address: 10996 Torreyana Rd #2580
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 368-4181,

Affiliation Type Desc: Environmental Contact
Entity Name: David Koerner
Entity Title: Not reported
Affiliation Address: 3013 Science Park Rd Ste 200
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Gossamer Bio, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GOSSAMER BIO (Continued)

S112057337

Affiliation Type Desc: Identification Signer
Entity Name: Christian Waage
Entity Title: EVP, General Counsel
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: H. Scott Tillinghast, Occupational Services, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3013 Science Park Rd Ste 200
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Gossamer Bio, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 344-8447,

M160
ESE
1/8-1/4
0.238 mi.
1256 ft.

EXPLORA BIOLABS COAST9
11175 FLINTKOTE AVE B & C
SAN DIEGO, CA 92121
Site 15 of 15 in cluster M

CA San Diego Co. HMMD **S106065661**
CA CERS HAZ WASTE **N/A**
CA CERS

Relative:
Lower
Actual:
28 ft.

HMMD SAN DIEGO:
Name: EXPLORA BIOLABS COAST9
Address: 11175 FLINTKOTE AVE B & C
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000411616
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 858-768-2100
Permit Status: Permit Renewed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

EXPLORA BIOLABS COAST9 (Continued)

S106065661

Permit Expiration: Not reported
Date Last Updated: 08/31/2022
Facility Owner: Not reported
Facility Mailing Address: 11175 Flintkote Ave, suite B, San Diego, CA 92121
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-002133
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 6675118
Return To Compliance Date: 2021-06-30T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-06-03T01:47:49.000
Inspection Date: 2021-06-18T00:00:00.000
Violation Code: HMD0152 Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2)

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-002133
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 6675118
Return To Compliance Date: 2021-06-18T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-06-03T01:47:49.000
Inspection Date: 2021-06-18T00:00:00.000
Violation Code: 1020002 Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)

Waste and Materials:

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

EXPLORA BIOLABS COAST9 (Continued)

S106065661

Child Record Id: DEH2021-HCHEM-0303152
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-09-02T02:31:32.000
Chemical Name: Diesel Fuel
Common Name: Diesel Fuel
Case Number: 68334-30-5

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0303153
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-09-02T02:31:32.000
Chemical Name: Carbon Dioxide gas
Common Name: Carbon Dioxide gas
Case Number: 124-38-9

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0303154
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-09-02T02:31:32.000
Chemical Name: Carbon Monoxide
Common Name: Carbon Monoxide Gas
Case Number: 630-08-0

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0303155
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-09-02T02:31:32.000
Chemical Name: Nitrogen oxide (N2O)
Common Name: Nitrous Oxide Gas
Case Number: 10024-97-2

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0303156
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-09-02T02:31:32.000
Chemical Name: Nitrogen, Liquid
Common Name: Nitrogen, Liquid
Case Number: 7727-37-9

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0138976
Trade Secret: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

EXPLORA BIOLABS COAST9 (Continued)

S106065661

Hazardous Material Type: Pure
Last Updated: 2017-08-29T02:37:56.000
Chemical Name: Oxygen gas
Common Name: Oxygen cylinder
Case Number: 7782-44-7

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0138977
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-29T02:37:56.000
Chemical Name: Nitrogen, Liquid
Common Name: Nitrogen, Liquid
Case Number: 7727-37-9

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0138978
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-29T02:37:56.000
Chemical Name: Carbon Dioxide
Common Name: Carbon Dioxide
Case Number: 124-38-9

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0138979
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-29T02:37:56.000
Chemical Name: Diesel Fuel
Common Name: Diesel Fuel
Case Number: 68334-30-5

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0138980
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-29T02:37:56.000
Chemical Name: Carbon Monoxide
Common Name: Carbon Monoxide
Case Number: 630-08-0

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0117820
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-08-29T02:37:56.000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

EXPLORA BIOLABS COAST9 (Continued)

S106065661

Chemical Name:	Formaldehyde
Common Name:	Formaldehyde waste
Case Number:	Not reported
Record ID:	DEH2015-HUPFP-002133
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0117821
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2017-08-29T02:37:56.000
Chemical Name:	Infectious Sharps
Common Name:	Infectious Sharps
Case Number:	Not reported
Record ID:	DEH2015-HUPFP-002133
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0117822
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2017-08-29T02:37:56.000
Chemical Name:	Animal carcass
Common Name:	Animal carcass
Case Number:	Not reported
Record ID:	DEH2015-HUPFP-002133
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0280326
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2020-12-01T01:52:47.000
Chemical Name:	Oxygen gas
Common Name:	Oxygen cylinder
Case Number:	7782-44-7
Record ID:	DEH2015-HUPFP-002133
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0280327
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2020-12-01T01:52:47.000
Chemical Name:	Diesel Fuel
Common Name:	Diesel Fuel
Case Number:	68334-30-5
Record ID:	DEH2015-HUPFP-002133
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0280328
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2020-12-01T01:52:47.000
Chemical Name:	Carbon Dioxide gas
Common Name:	Carbon Dioxide gas

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

EXPLORA BIOLABS COAST9 (Continued)

S106065661

Case Number: 124-38-9

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280329
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-12-01T01:52:47.000
Chemical Name: Nitrogen, Liquid
Common Name: Nitrogen, Liquid
Case Number: 7727-37-9

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280330
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-12-01T01:52:47.000
Chemical Name: Carbon Monoxide
Common Name: Carbon Monoxide Gas
Case Number: 630-08-0

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280331
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-12-01T01:52:47.000
Chemical Name: Nitrogen oxide (N2O)
Common Name: Nitrous Oxide Gas
Case Number: 10024-97-2

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0248066
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-01T01:52:47.000
Chemical Name: Formaldehyde
Common Name: Formaldehyde waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0248067
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-01T01:52:47.000
Chemical Name: Infectious Sharps
Common Name: Infectious Sharps
Case Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

EXPLORA BIOLABS COAST9 (Continued)

S106065661

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0248068
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-01T01:52:47.000
Chemical Name: Animal carcass
Common Name: Animal carcass
Case Number: Not reported

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0248069
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-01T01:52:47.000
Chemical Name: Liquid Biohazardous Waste
Common Name: Liquid/Semi-Liquid Biohazardous Waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0248070
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-01T01:52:47.000
Chemical Name: Solid Biohazardous Waste
Common Name: RED BAG - Solid Biohazardous Waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0126199
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-01-14T00:45:11.000
Chemical Name: Oxygen gas
Common Name: Oxygen cylinder
Case Number: 7782-44-7

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0126200
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-01-14T00:45:11.000
Chemical Name: Nitrogen, Liquid
Common Name: Nitrogen, Liquid
Case Number: 7727-37-9

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

EXPLORA BIOLABS COAST9 (Continued)

S106065661

Active Permit: Y
Child Record Id: DEH2017-HCHEM-0126201
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-01-14T00:45:11.000
Chemical Name: Carbon Dioxide
Common Name: Carbon Dioxide
Case Number: 124-38-9

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0126202
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-01-14T00:45:11.000
Chemical Name: Diesel Fuel
Common Name: Diesel Fuel
Case Number: 68334-30-5

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0126203
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-01-14T00:45:11.000
Chemical Name: Carbon Monoxide
Common Name: Carbon Monoxide
Case Number: 630-08-0

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0105044
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-01-14T00:45:12.000
Chemical Name: Laboratory Infectious Waste
Common Name: Laboratory Infectious Waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0105045
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-01-14T00:45:12.000
Chemical Name: Formaldehyde
Common Name: Formaldehyde waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0105046

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

EXPLORA BIOLABS COAST9 (Continued)

S106065661

Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2017-01-14T00:45:12.000
Chemical Name:	Infectious Sharps
Common Name:	Infectious Sharps
Case Number:	Not reported
Record ID:	DEH2015-HUPFP-002133
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0105047
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2017-01-14T00:45:12.000
Chemical Name:	Animal carcass
Common Name:	Animal carcass
Case Number:	Not reported
Record ID:	DEH2015-HUPFP-002133
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0105048
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2017-01-14T00:45:12.000
Chemical Name:	Solevant waste
Common Name:	Solevant waste
Case Number:	Not reported
Record ID:	DEH2015-HUPFP-002133
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HCHEM-0303151
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2021-09-02T02:31:32.000
Chemical Name:	Oxygen gas
Common Name:	Oxygen cylinder
Case Number:	7782-44-7
Record ID:	DEH2015-HUPFP-002133
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0270840
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-09-02T02:31:32.000
Chemical Name:	Lab Pack
Common Name:	Lab Pack (misc. Liquid chemical wastes)
Case Number:	Not reported
Record ID:	DEH2015-HUPFP-002133
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0270841
Trade Secret:	N
Hazardous Material Type:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

EXPLORA BIOLABS COAST9 (Continued)

S106065661

Last Updated: 2021-09-02T02:31:32.000
Chemical Name: Lab Pack
Common Name: Lab Pack (misc. Solid chemical wastes)
Case Number: Not reported

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0270835
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-02T02:31:32.000
Chemical Name: Formaldehyde
Common Name: Formaldehyde waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0270836
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-02T02:31:32.000
Chemical Name: Infectious Sharps
Common Name: Infectious Sharps
Case Number: Not reported

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0270837
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-02T02:31:32.000
Chemical Name: Animal carcass
Common Name: Animal carcass
Case Number: Not reported

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0270838
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-02T02:31:32.000
Chemical Name: Liquid Biohazardous Waste
Common Name: Liquid/Semi-Liquid Biohazardous Waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0270839
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-02T02:31:32.000
Chemical Name: Solid Biohazardous Waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

EXPLORA BIOLABS COAST9 (Continued)

S106065661

Common Name: RED BAG - Solid Biohazardous Waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0189154
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-08T07:38:30.000
Chemical Name: Oxygen gas
Common Name: Oxygen cylinder
Case Number: 7782-44-7

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0189155
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-08T07:38:30.000
Chemical Name: Nitrogen, Liquid
Common Name: Nitrogen, Liquid
Case Number: 7727-37-9

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0189156
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-08T07:38:30.000
Chemical Name: Carbon Monoxide
Common Name: Carbon Monoxide
Case Number: 630-08-0

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0189157
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-08T07:38:30.000
Chemical Name: Carbon Dioxide
Common Name: Carbon Dioxide
Case Number: 124-38-9

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0189158
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-08T07:38:30.000
Chemical Name: Diesel Fuel
Common Name: Diesel Fuel
Case Number: 68334-30-5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

EXPLORA BIOLABS COAST9 (Continued)

S106065661

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0163608
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-11-08T07:38:31.000
Chemical Name: Formaldehyde
Common Name: Formaldehyde waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0163609
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-11-08T07:38:31.000
Chemical Name: Infectious Sharps
Common Name: Infectious Sharps
Case Number: Not reported

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0163610
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-11-08T07:38:31.000
Chemical Name: Animal carcass
Common Name: Animal carcass
Case Number: Not reported

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0163611
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-11-08T07:38:31.000
Chemical Name: bleached and sewered liquid bio hazardous waste
Common Name: bleached and sewered liquid bio hazardous waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0233066
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-14T00:35:57.000
Chemical Name: Oxygen gas
Common Name: Oxygen cylinder
Case Number: 7782-44-7

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

EXPLORA BIOLABS COAST9 (Continued)

S106065661

Active Permit: Y
Child Record Id: DEH2019-HCHEM-0233067
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-14T00:35:57.000
Chemical Name: Diesel Fuel
Common Name: Diesel Fuel
Case Number: 68334-30-5

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0233068
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-14T00:35:57.000
Chemical Name: Nitrogen, Liquid
Common Name: Nitrogen, Liquid
Case Number: 7727-37-9

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0233069
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-14T00:35:57.000
Chemical Name: Carbon Monoxide
Common Name: Carbon Monoxide
Case Number: 630-08-0

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0233070
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-14T00:35:57.000
Chemical Name: Carbon Dioxide
Common Name: Carbon Dioxide
Case Number: 124-38-9

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0203104
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-14T00:35:58.000
Chemical Name: Formaldehyde
Common Name: Formaldehyde waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0203105

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

EXPLORA BIOLABS COAST9 (Continued)

S106065661

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-14T00:35:58.000
Chemical Name: Infectious Sharps
Common Name: Infectious Sharps
Case Number: Not reported

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0203106
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-14T00:35:58.000
Chemical Name: Animal carcass
Common Name: Animal carcass
Case Number: Not reported

Record ID: DEH2015-HUPFP-002133
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0203107
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-14T00:35:58.000
Chemical Name: bleached and sewerd liquid bio hazardous waste
Common Name: bleached and sewerd liquid bio hazardous waste
Case Number: Not reported

Name: BIOPEPTIDE CO, LLC
Address: 11175 FLINTKOTE AV
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 138602
Business Type: 6HK67
EPA Id Number: CAL000208572
APN: 310-120-22-00
Last HMD Inspection: 03/07/2003
Facility Telephone: 858-657-0005
Permit Status: INAC
Permit Expiration: 10/31/2002
Date Last Updated: 11/02/2012
Facility Owner: BIOPEPTIDE CO, LLC
Facility Mailing Address: 11175 FLINTKOTE AV #B
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

CERS HAZ WASTE:

Name: EXPLORA BIOLABS COAST9

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

EXPLORA BIOLABS COAST9 (Continued)

S106065661

Address: 11175 FLINTKOTE AVE STE B & C
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 355104
CERS ID: 10637209
CERS Description: Hazardous Waste Generator

Name: CALIFORNIA MEDICAL INNOVATIONS INSTITUTE INC - FLINTKOTE
Address: 11175 FLINTKOTE AVE. STE A
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 573107
CERS ID: 10867141
CERS Description: Hazardous Waste Generator

CERS:

Name: CALIFORNIA MEDICAL INNOVATIONS INSTITUTE INC - FLINTKOTE
Address: 11175 FLINTKOTE AVE. STE A
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 573107
CERS ID: 10867141
CERS Description: Chemical Storage Facilities

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-18-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6685952
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Document Preparer
Entity Name: Occupational Services, Inc. - JT
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Susy Choy
Entity Title: Not reported
Affiliation Address: 11107 Roselle Street, Suite 211
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: The California Medical Innovations Institute Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

EXPLORA BIOLABS COAST9 (Continued)

S106065661

Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: BMR-Sorrento West, LLC.
Entity Title: Not reported
Affiliation Address: 17190 Bernardo Center Drive
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92128
Affiliation Phone: (858) 485-9840,

Affiliation Type Desc: Identification Signer
Entity Name: Ligia Amezcua
Entity Title: Director of Finance and Administration
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: California Medical Innovations Institute, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 249-7400,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 11107 Roselle Street, Suite 211
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: California Medical Innovations Institute, Inc.

Map ID
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MAP FINDINGS

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Database(s)
EDR ID Number
EPA ID Number

EXPLORA BIOLABS COAST9 (Continued)

S106065661

Entity Title: Not reported
Affiliation Address: 11107 Roselle Street, Suite 211
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 249-7400,

Name: EXPLORA BIOLABS COAST9
Address: 11175 FLINTKOTE AVE STE B & C
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 355104
CERS ID: 10637209
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 355104
Site Name: Explora BioLabs Coast9
Violation Date: 06-18-2021
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 06/30/2021. Inspection Sequence ID:6675118;Violation:HMD0152 Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2)
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 355104
Site Name: Explora BioLabs Coast9
Violation Date: 06-23-2022
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes: Inspection Sequence ID:6944764;Violation:HMD0138 Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a); HSC 25185(a)(4)
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 355104
Site Name: Explora BioLabs Coast9
Violation Date: 06-18-2021
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 06/18/2021. Inspection Sequence ID:6675118
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

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MAP FINDINGS

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EDR ID Number
EPA ID Number
Database(s)

EXPLORA BIOLABS COAST9 (Continued)

S106065661

Site ID: 355104
Site Name: Explora BioLabs Coast9
Violation Date: 06-23-2022
Citation: 22 CCR 23 66273.35 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.35
Violation Description: Failure to accumulate universal waste for one year or less and to demonstrate the length of time that the universal waste has been accumulated from the date it became a waste or was received.
Violation Notes: Inspection Sequence ID:6944764
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-23-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6944764
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-23-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6944764
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-18-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6675118
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-26-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5936396
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-27-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5516360
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP

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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

EXPLORA BIOLABS COAST9 (Continued)

S106065661

Eval Source: CERS,
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-27-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5516360
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-18-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6675118
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-26-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5936396
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Document Preparer
Entity Name: Occupational Services, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Wendell Baschnagel
Entity Title: Senior Director, Facilities and Engineering
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 11175 Flintkote Ave, Suite B
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported

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Database(s)
EDR ID Number
EPA ID Number

EXPLORA BIOLABS COAST9 (Continued)

S106065661

Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: EXPLORA BIOLABS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 997-0113,

Affiliation Type Desc: Parent Corporation
Entity Name: EXPLORA BIOLABS, INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Environmental Contact
Entity Name: Wendell Baschnagel
Entity Title: Not reported
Affiliation Address: 11175 Flintkote Ave, Suite B
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: EXPLORA BIOLABS
Entity Title: Not reported
Affiliation Address: 11175 Flintkote Ave, suite B
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 768-2100,

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Q161	PHENZYME INC	RCRA NonGen / NLR	1024864334
SSE	3210 MERRYFIELD ROW		CAL000432895
1/8-1/4	SAN DIEGO, CA 92121		
0.239 mi.	Site 1 of 113 in cluster Q		
1263 ft.			
Relative: Higher	RCRA Listings:		
Actual: 318 ft.	Date Form Received by Agency:	20200326	
	Handler Name:	PHENZYME INC	
	Handler Address:	3210 MERRYFIELD ROW	
	Handler City,State,Zip:	SAN DIEGO, CA 92121	
	EPA ID:	CAL000432895	
	Contact Name:	GLENN CROSTON	
	Contact Address:	CHESTNUT LN	
	Contact City,State,Zip:	DAVIS, CA 95616	
	Contact Telephone:	858-997-7984	
	Contact Fax:	Not reported	
	Contact Email:	GCROSTON@PHENZY.ME	
	Contact Title:	Not reported	
	EPA Region:	09	
	Land Type:	Private	
	Federal Waste Generator Description:	Not a generator, verified	
	Non-Notifier:	Not reported	
	Biennial Report Cycle:	Not reported	
	Accessibility:	Not reported	
	Active Site Indicator:	Not reported	
	State District Owner:	Not reported	
	State District:	Not reported	
	Mailing Address:	DRIFTWOOD WAY	
	Mailing City,State,Zip:	SAN LEANDRO, CA 94577	
	Owner Name:	PHENZYME INC	
	Owner Type:	Private	
	Operator Name:	PHENZYME INC	
	Operator Type:	Private	
	Short-Term Generator Activity:	No	
	Importer Activity:	No	
	Mixed Waste Generator:	No	
	Transporter Activity:	No	
	Transfer Facility Activity:	No	
	Recycler Activity with Storage:	No	
	Small Quantity On-Site Burner Exemption:	No	
	Smelting Melting and Refining Furnace Exemption:	No	
	Underground Injection Control:	No	
	Off-Site Waste Receipt:	No	
	Universal Waste Indicator:	No	
	Universal Waste Destination Facility:	No	
	Federal Universal Waste:	No	
	Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported	
	Active Site Converter Treatment storage and Disposal Facility:	Not reported	
	Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported	
	Active Site State-Reg Handler:	---	
	Federal Facility Indicator:	Not reported	
	Hazardous Secondary Material Indicator:	N	
	Sub-Part K Indicator:	Not reported	
	Commercial TSD Indicator:	No	
	Treatment Storage and Disposal Type:	Not reported	
	2018 GPRA Permit Baseline:	Not on the Baseline	
	2018 GPRA Renewals Baseline:	Not on the Baseline	
	Permit Renewals Workload Universe:	Not reported	

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

PHENZYME INC (Continued)

1024864334

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200401
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: PHENZYME INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8616 OCTANS ST
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92126
Owner/Operator Telephone:	858-683-3246
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: PHENZYME INC	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2284 DRIFTWOOD WAY
Owner/Operator City,State,Zip:	SAN LEANDRO, CA 94577
Owner/Operator Telephone:	858-997-7984
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

PHENZYME INC (Continued)

1024864334

Owner/Operator Indicator: Operator
Owner/Operator Name: GLENN CROSTON
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-997-7984
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PHENZYME INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2284 DRIFTWOOD WAY
Owner/Operator City,State,Zip: SAN LEANDRO, CA 94577
Owner/Operator Telephone: 858-997-7984
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20200326
Handler Name: PHENZYME INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20180103
Handler Name: PHENZYME INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

NAICS Code: 541715

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MAP FINDINGS

EDR ID Number
 EPA ID Number

PHENZYME INC (Continued)

1024864334

NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

Q162 **STELVIO ONCOLOGY INCORPORATED** **RCRA NonGen / NLR** **1024861651**
SSE **3210 MERRYFIELD ROW** **CAL000430137**
1/8-1/4 **SAN DIEGO, CA 92121**
0.239 mi.
1263 ft. **Site 2 of 113 in cluster Q**

Relative: Higher	RCRA Listings:	
Actual: 318 ft.	Date Form Received by Agency:	20170818
	Handler Name:	STELVIO ONCOLOGY INCORPORATED
	Handler Address:	3210 MERRYFIELD ROW
	Handler City,State,Zip:	SAN DIEGO, CA 92121
	EPA ID:	CAL000430137
	Contact Name:	ATTLIA HAJDU
	Contact Address:	965 SUTTER ST
	Contact City,State,Zip:	SAN FRANCISCO, CA 94109
	Contact Telephone:	415-525-6810
	Contact Fax:	Not reported
	Contact Email:	AHAJDU@STELVIO-ONCOLOGY.COM
	Contact Title:	Not reported
	EPA Region:	09
	Land Type:	Not reported
	Federal Waste Generator Description:	Not a generator, verified
	Non-Notifier:	Not reported
	Biennial Report Cycle:	Not reported
	Accessibility:	Not reported
	Active Site Indicator:	Handler Activities
	State District Owner:	Not reported
	State District:	Not reported
	Mailing Address:	3210 MERRYFIELD ROW
	Mailing City,State,Zip:	SAN DIEGO, CA 92121
	Owner Name:	STELVIO ONCOLOGY
	Owner Type:	Other
	Operator Name:	ATTLIA HAJDU
	Operator Type:	Other
	Short-Term Generator Activity:	No
	Importer Activity:	No
	Mixed Waste Generator:	No
	Transporter Activity:	No
	Transfer Facility Activity:	No
	Recycler Activity with Storage:	No
	Small Quantity On-Site Burner Exemption:	No
	Smelting Melting and Refining Furnace Exemption:	No
	Underground Injection Control:	No
	Off-Site Waste Receipt:	No
	Universal Waste Indicator:	Yes
	Universal Waste Destination Facility:	Yes
	Federal Universal Waste:	No

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Site

Database(s) EDR ID Number
 EPA ID Number

STELVIO ONCOLOGY INCORPORATED (Continued)

1024861651

Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: ATTLIA HAJDU	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	965 SUTTER ST
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94109
Owner/Operator Telephone:	415-525-6810
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

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 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

STELVIO ONCOLOGY INCORPORATED (Continued)

1024861651

Owner/Operator Indicator: Owner
 Owner/Operator Name: STELVIO ONCOLOGY
 Legal Status: Other
 Date Became Current: Not reported
 Date Ended Current: Not reported
 Owner/Operator Address: 3210 MERRYFIELD ROW
 Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
 Owner/Operator Telephone: 415-525-6810
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20170818
 Handler Name: STELVIO ONCOLOGY INCORPORATED
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
 NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q163
SSE
1/8-1/4
0.239 mi.
1263 ft.

CYBELE MICROBIOME
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 3 of 113 in cluster Q

CA San Diego Co. HMMD
CA CERS HAZ WASTE
CA HAZNET
CA CERS
CA HWTS

S113800985
N/A

Relative:
Higher

HMMD SAN DIEGO:
 Name: CYBELE MICROBIOME
 Address: 3210 MERRYFIELD ROW
 City,State,Zip: SAN DIEGO, CA 92121-1126
 Permit Number: Not reported
 Business Type: Not reported
 EPA Id Number: CAL000440191
 APN: Not reported
 Last HMMD Inspection: Not reported
 Facility Telephone: 7343556316
 Permit Status: Permit Renewed
 Permit Expiration: Not reported
 Date Last Updated: 02/19/2022

Actual:
318 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYBELE MICROBIOME (Continued)

S113800985

Facility Owner: Not reported
Facility Mailing Address: 3210 Merryfield Row, San Diego, CA 92121
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Waste and Materials:

Record ID: DEH2015-HUPFP-001929
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0126877
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-10-23T17:38:49.000
Chemical Name: waste sharps
Common Name: waste sharps
Case Number: Not reported

Record ID: DEH2015-HUPFP-001929
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0126878
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-10-23T17:38:49.000
Chemical Name: infectious waste, general
Common Name: red bag waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-001929
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0126879
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-10-23T17:38:49.000
Chemical Name: Ethanol, isopropanol, phenol waste
Common Name: Alcohol waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-001929
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0126880
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-10-23T17:38:49.000
Chemical Name: Not reported
Common Name: Hazardous Waste Debris
Case Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CYBELE MICROBIOME (Continued)

S113800985

Record ID: DEH2015-HUPFP-001929
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0218803
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-16T02:50:31.000
Chemical Name: Ethyl Acetate Waste
Common Name: Ethyl Acetate Waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-001929
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0218804
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-16T02:50:31.000
Chemical Name: Lab Debris - Bacterial
Common Name: Lab Debris - Bacterial
Case Number: Not reported

Record ID: DEH2015-HUPFP-001929
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0218805
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-16T02:50:31.000
Chemical Name: Lab Debris - Dry Consummables with Trace Chemicals
Common Name: Lab Debris - Dry Consummables with Trace Chemicals
Case Number: Not reported

Record ID: DEH2015-HUPFP-001929
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2015-HWAST-0059256
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2016-11-30T02:32:44.000
Chemical Name: waste sharps
Common Name: waste sharps
Case Number: Not reported

Record ID: DEH2015-HUPFP-001929
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2015-HWAST-0059257
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2016-11-30T02:32:44.000
Chemical Name: infectious waste, general
Common Name: red bag waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-001929
Permit Status: Permit Renewed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CYBELE MICROBIOME (Continued)

S113800985

Active Permit:	Y
Child Record Id:	DEH2015-HWAST-0059258
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2016-11-30T02:32:44.000
Chemical Name:	Ethanol, isopropanol, phenol waste
Common Name:	Alcohol waste
Case Number:	Not reported
Record ID:	DEH2015-HUPFP-001929
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2015-HWAST-0059259
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2016-11-30T02:32:44.000
Chemical Name:	Not reported
Common Name:	Hazardous Waste Debris
Case Number:	Not reported
Record ID:	DEH2015-HUPFP-001929
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0218802
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-03-16T02:50:31.000
Chemical Name:	Liquid Waste Stream
Common Name:	Liquid Waste Stream
Case Number:	Not reported
Record ID:	DEH2015-HUPFP-001929
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HWAST-0286723
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2022-02-19T02:31:31.000
Chemical Name:	Lab Debris - Dry Consummables with Trace Chemicals
Common Name:	Lab Debris - Dry Consummables with Trace Chemicals
Case Number:	Not reported
Record ID:	DEH2015-HUPFP-001929
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HWAST-0286720
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2022-02-19T02:31:31.000
Chemical Name:	Liquid Waste Stream
Common Name:	Liquid Waste Stream
Case Number:	Not reported
Record ID:	DEH2015-HUPFP-001929
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HWAST-0286721

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

CYBELE MICROBIOME (Continued)

S113800985

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-19T02:31:31.000
Chemical Name: Ethyl Acetate Waste
Common Name: Ethyl Acetate Waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-001929
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0286722
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-19T02:31:31.000
Chemical Name: Lab Debris - Bacterial
Common Name: Lab Debris - Bacterial
Case Number: Not reported

Record ID: DEH2015-HUPFP-001929
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0162168
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-12-07T02:30:44.000
Chemical Name: waste sharps
Common Name: waste sharps
Case Number: Not reported

Record ID: DEH2015-HUPFP-001929
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0162169
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-12-07T02:30:44.000
Chemical Name: infectious waste, general
Common Name: red bag waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-001929
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0162170
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-12-07T02:30:44.000
Chemical Name: Ethanol, isopropanol, phenol waste
Common Name: Alcohol waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-001929
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0162171
Trade Secret: N
Hazardous Material Type: Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYBELE MICROBIOME (Continued)

S113800985

Last Updated: 2018-12-07T02:30:44.000
Chemical Name: Not reported
Common Name: Hazardous Waste Debris
Case Number: Not reported

CERS HAZ WASTE:

Name: CYBELE MICROBIOME
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 354827
CERS ID: 10636522
CERS Description: Hazardous Waste Generator

HAZNET:

Name: NEUROLIXIS INC
Address: 3210 MERRYFIELD ROW
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 921211126
Contact: MARK VARNEY
Telephone: 8582308939
Mailing Name: Not reported
Mailing Address: 3210 Merryfield Row

Year: 2013
Gepaid: CAL000370927
TSD EPA ID: ARD069748192
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.01

Year: 2013
Gepaid: CAL000370927
TSD EPA ID: UTD981552177
CA Waste Code: 513 - Empty containers less than 30 gallons
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.0065

Year: 2013
Gepaid: CAL000370927
TSD EPA ID: UTD981552177
CA Waste Code: 352 - Other organic solids
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.0475

Year: 2013
Gepaid: CAL000370927
TSD EPA ID: UTD981552177
CA Waste Code: 311 - Pharmaceutical waste
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.005

Year: 2013
Gepaid: CAL000370927
TSD EPA ID: ARD069748192

Map ID
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MAP FINDINGS

Site Database(s) EDR ID Number
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CYBELE MICROBIOME (Continued)

S113800985

CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.0075

Year: 2012
Gepaid: CAL000370927
TSD EPA ID: UTD981552177
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.0115

Year: 2012
Gepaid: CAL000370927
TSD EPA ID: UTD981552177
CA Waste Code: 513 - Empty containers less than 30 gallons
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.02

Year: 2012
Gepaid: CAL000370927
TSD EPA ID: AZD049318009
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.02

Year: 2012
Gepaid: CAL000370927
TSD EPA ID: ARD069748192
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0285

Year: 2012
Gepaid: CAL000370927
TSD EPA ID: ARD069748192
CA Waste Code: 352 - Other organic solids
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.015

[Click this hyperlink](#) while viewing on your computer to access 9 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2013
Gen EPA ID: CAL000370927

Shipment Date: 20130124
Creation Date: 6/19/2013 22:15:16
Receipt Date: 20130130
Manifest ID: 005639832FLE
Trans EPA ID: MAD039322250

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CYBELE MICROBIOME (Continued)

S113800985

Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: AZR000508515
Trans 2 Name: SLT
TSDF EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D001
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.03
Waste Quantity: 60
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130117
Creation Date: 5/24/2013 22:15:24
Receipt Date: 20130124
Manifest ID: 005639763FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: AZR000508515
Trans 2 Name: SLT
TSDF EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.0175
Waste Quantity: 35
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130117
Creation Date: 5/24/2013 22:15:24
Receipt Date: 20130124
Manifest ID: 005639763FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: AZR000508515
Trans 2 Name: SLT
TSDF EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 513 - Empty containers less than 30 gallons
RCRA Code: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYBELE MICROBIOME (Continued)

S113800985

Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.0025
Waste Quantity: 5
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130117
Creation Date: 5/24/2013 22:15:24
Receipt Date: 20130124
Manifest ID: 005639763FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: AZR000508515
Trans 2 Name: SLT
TSDF EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 311 - Pharmaceutical waste
RCRA Code: Not reported
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130117
Creation Date: 6/27/2013 22:15:06
Receipt Date: 20130208
Manifest ID: 005639764FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SVCS INC
TSDF EPA ID: ARD069748192
Trans Name: CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
RCRA Code: F003
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.0075
Waste Quantity: 15
Quantity Unit: P
Additional Code 1: F002
Additional Code 2: D022
Additional Code 3: D001
Additional Code 4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

CYBELE MICROBIOME (Continued)

S113800985

Additional Code 5:	Not reported
Shipment Date:	20130117
Creation Date:	6/27/2013 22:15:06
Receipt Date:	20130208
Manifest ID:	005639764FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVCS INC
TSDF EPA ID:	ARD069748192
Trans Name:	CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130110
Creation Date:	5/8/2013 22:15:17
Receipt Date:	20130114
Manifest ID:	005639677FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	AZR000508515
Trans 2 Name:	SLT
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	513 - Empty containers less than 30 gallons
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2012
Gen EPA ID:	CAL000370927
Shipment Date:	20121220
Creation Date:	5/21/2013 22:15:06

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYBELE MICROBIOME (Continued)

S113800985

Receipt Date: 20130111
Manifest ID: 005639515FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SVCS INC
TSDF EPA ID: AZD049318009
Trans Name: CLEAN HARBORS ARIZONA LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.02
Waste Quantity: 40
Quantity Unit: P
Additional Code 1: F002
Additional Code 2: D022
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20121220
Creation Date: 5/21/2013 22:15:06
Receipt Date: 20130119
Manifest ID: 005639514FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SVCS INC
TSDF EPA ID: ARD069748192
Trans Name: CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.015
Waste Quantity: 30
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20121220
Creation Date: 5/21/2013 22:15:06
Receipt Date: 20130119
Manifest ID: 005639514FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SVCS INC
TSDF EPA ID: ARD069748192

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYBELE MICROBIOME (Continued)

S113800985

Trans Name: CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0175
Waste Quantity: 35
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20121213
Creation Date: 5/4/2013 22:15:12
Receipt Date: 20121219
Manifest ID: 005639446FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: AZR000508515
Trans 2 Name: SLT
TSDF EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 513 - Empty containers less than 30 gallons
RCRA Code: Not reported
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.0075
Waste Quantity: 15
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20121206
Creation Date: 4/17/2013 22:15:34
Receipt Date: 20121212
Manifest ID: 005638345FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: AZR000508515
Trans 2 Name: SLT
TSDF EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.05
Waste Quantity: 100

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYBELE MICROBIOME (Continued)

S113800985

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121129
Creation Date:	4/10/2013 22:15:15
Receipt Date:	20121212
Manifest ID:	005638270FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	AZR000508515
Trans 2 Name:	SLT
TSDf EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121109
Creation Date:	4/6/2013 22:15:07
Receipt Date:	20121128
Manifest ID:	005638111FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVCS INC
TSDf EPA ID:	ARD069748192
Trans Name:	CLEAN HARBORS EL DORADO LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.011
Waste Quantity:	22
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121109

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CYBELE MICROBIOME (Continued)

S113800985

Creation Date: 4/9/2013 22:15:07
Receipt Date: 20121126
Manifest ID: 005638110FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: AZR000508515
Trans 2 Name: SLT
TSDf EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.0055
Waste Quantity: 11
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20121109
Creation Date: 4/9/2013 22:15:07
Receipt Date: 20121126
Manifest ID: 005638110FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: AZR000508515
Trans 2 Name: SLT
TSDf EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 513 - Empty containers less than 30 gallons
RCRA Code: Not reported
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.0025
Waste Quantity: 5
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20121109
Creation Date: 4/9/2013 22:15:07
Receipt Date: 20121126
Manifest ID: 005638110FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: AZR000508515
Trans 2 Name: SLT
TSDf EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

CYBELE MICROBIOME (Continued)

S113800985

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
RCRA Code: F003
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.0115
Waste Quantity: 23
Quantity Unit: P
Additional Code 1: F002
Additional Code 2: D022
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:

Name: HAYA THERAPEUTICS, INC
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 611143
CERS ID: 10894633
CERS Description: Chemical Storage Facilities

Coordinates:

Site ID: 611143
Facility Name: HAYA Therapeutics, Inc
Env Int Type Code: HMBP
Program ID: 10894633
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 32.900980
Longitude: -117.234410

Affiliation:

Affiliation Type Desc: Identification Signer
Entity Name: Claire Roberts
Entity Title: Lab manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Claire Roberts
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 242-1566,

Affiliation Type Desc: Operator
Entity Name: Claire Roberts
Entity Title: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

CYBELE MICROBIOME (Continued)

S113800985

Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (504) 251-7283,

Affiliation Type Desc: Property Owner
Entity Name: HAYA Therapeutics, Inc
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 242-1566,

Affiliation Type Desc: Parent Corporation
Entity Name: HAYA Therapeutics, Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
Entity Name: Claire Roberts
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Claire Roberts
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYBELE MICROBIOME (Continued)

S113800985

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Name: CYBELE MICROBIOME
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 354827
CERS ID: 10636522
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-20-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6317658
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-19-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5742181
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-18-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Malone Kaelyn Inspection ID:5346435
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

CYBELE MICROBIOME (Continued)

S113800985

Affiliation Type Desc: Document Preparer
Entity Name: James Lamoureux
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: James Lamoureux
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Cybele Microbiome
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (413) 636-2259,

Affiliation Type Desc: Property Owner
Entity Name: Janssen Labs
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 242-1504,

Affiliation Type Desc: Identification Signer
Entity Name: James Lamoureux
Entity Title: Scientist
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CYBELE MICROBIOME (Continued)

S113800985

Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Nicole Scott
Entity Title: Not reported
Affiliation Address: 3077 North Park Way, Unit 212
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92104
Affiliation Phone: (734) 355-6316,

Affiliation Type Desc: Parent Corporation
Entity Name: Cybele Microbiome
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

HWTS:

Name: NEUROLIXIS INC
Address: 3210 MERRYFIELD ROW
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000370927
Inactive Date: 04/04/2014
Create Date: 01/19/2012
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 3210 MERRYFIELD ROW
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 921210000
Owner Name: NEUROLIXIS INC
Owner Address: 3210 MERRYFIELD ROW
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 921210000
Contact Name: MARK VARNEY
Contact Address: 3210 MERRYFIELD ROW
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 32.90097
Longitude: -117.234917

NAICS:

EPA ID: CAL000370927
Create Date: 2012-01-19 11:51:20.370
NAICS Code: 325412
NAICS Description: Pharmaceutical Preparation Manufacturing
Issued EPA ID Date: 2012-01-19 11:51:20.35300

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CYBELE MICROBIOME (Continued)

S113800985

Inactive Date: 2014-04-04 00:00:00
 Facility Name: NEUROLIXIS INC
 Facility Address: 3210 MERRYFIELD ROW
 Facility Address 2: Not reported
 Facility City: SAN DIEGO
 Facility County: Not reported
 Facility State: CA
 Facility Zip: 921211126

Q164
SSE
1/8-1/4
0.239 mi.
1263 ft.

MISFOLDING DIIAGNOSTICS INC DBA PROTEGO BIOPHARMA
3210 MERRYFIELD ROW STE 2504 A
SAN DIEGO, CA 92121

RCRA NonGen / NLR

1024838976
CAL000386487

Site 4 of 113 in cluster Q

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
 Date Form Received by Agency: 20130621
 Handler Name: MISFOLDING DIIAGNOSTICS INC DBA PROTEGO BIOPHARMA
 Handler Address: 3210 MERRYFIELD ROW STE 2504 A
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000386487
 Contact Name: XIN JIANG
 Contact Address: 3210 MERRYFIELD ROW STE 2504 A
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-531-2187
 Contact Fax: Not reported
 Contact Email: XJIANG@MISFOLDDX.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 9921 CARMEL MOUNTAIN RD STE 194
 Mailing City,State,Zip: SAN DIEGO, CA 92129
 Owner Name: MISFOLDING DIIAGNOSTICS INC
 Owner Type: Other
 Operator Name: XIN JIANG
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: Yes
 Universal Waste Destination Facility: Yes
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

MISFOLDING DIAGNOSTICS INC DBA PROTEGO BIOPHARMA (Continued)

1024838976

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: XIN JIANG	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3210 MERRYFIELD ROW STE 2504 A
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	858-531-2187
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator: Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MISFOLDING DIIAGNOSTICS INC DBA PROTEGO BIOPHARMA (Continued)

1024838976

Owner/Operator Name: MISFOLDING DIAGNOSTICS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 9921 CARMEL MOUNTAIN RD STE 194
Owner/Operator City,State,Zip: SAN DIEGO, CA 92129
Owner/Operator Telephone: 858-531-2187
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20130621
Handler Name: MISFOLDING DIIAGNOSTICS INC DBA PROTEGO BIOPHARMA
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 621512
NAICS Description: DIAGNOSTIC IMAGING CENTERS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q165
SSE
1/8-1/4
0.239 mi.
1263 ft.

ACTAVALON INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121

RCRA NonGen / NLR

1024856091
CAL000419551

Site 5 of 113 in cluster Q

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
Date Form Received by Agency: 20160815
Handler Name: ACTAVALON INC
Handler Address: 3210 MERRYFIELD ROW
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000419551
Contact Name: ELENA DNEPROVSKAIA
Contact Address: 3210 MERRYFIELD ROW
Contact City,State,Zip: SAN DIEGO, CA 92121
Contact Telephone: 858-336-6646
Contact Fax: Not reported
Contact Email: ELENA.DNEPROVSKAIA@ACTAVALON.COM
Contact Title: Not reported
EPA Region: 09

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ACTAVALON INC (Continued)

1024856091

Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		3210 MERRYFIELD ROW
Mailing City,State,Zip:		SAN DIEGO, CA 92121
Owner Name:	ACTAVALON INC	
Owner Type:		Other
Operator Name:	ELENA DNEPROVSKAIA	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ACTAVALON INC (Continued)

1024856091

Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180906
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: ELENA DNEPROVSKAIA
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-336-6646
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ACTAVALON INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-242-1571
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20160815
Handler Name: ACTAVALON INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

ACTAVALON INC (Continued)

1024856091

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

Q166 PERSEPHONE BIOME RCRA NonGen / NLR 1024860602
SSE 3210 MERRYFIELD ROW CAL000429049
1/8-1/4 SAN DIEGO, CA 92121
0.239 mi.
1263 ft. Site 6 of 113 in cluster Q

Relative: RCRA Listings:
Higher Date Form Received by Agency: 20170710
Actual: Handler Name: PERSEPHONE BIOME
318 ft. Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000429049
 Contact Name: STEPHEN VAN DIEN SECRETARY
 Contact Address: 3570 CARMEL MOUNTAIN RD STE 200
 Contact City,State,Zip: SAN DIEGO, CA 92130
 Contact Telephone: 858-232-8733
 Contact Fax: Not reported
 Contact Email: SVANDIEN1@YAHOO.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 3570 CARMEL MOUNTAIN RD STE 200
 Mailing City,State,Zip: SAN DIEGO, CA 92130
 Owner Name: PERSEPHONE BIOME
 Owner Type: Other
 Operator Name: STEPHEN VAN DIEN SECRETARY
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: Yes
 Universal Waste Destination Facility: Yes
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PERSEPHONE BIOME (Continued)

1024860602

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: PERSEPHONE BIOME	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3570 CARMEL MOUNTAIN RD STE 200
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92130
Owner/Operator Telephone:	714-595-0649
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: STEPHEN VAN DIEN SECRETARY	
Legal Status:	Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

PERSEPHONE BIOME (Continued)

1024860602

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3570 CARMEL MOUNTAIN RD STE 200
Owner/Operator City,State,Zip: SAN DIEGO, CA 92130
Owner/Operator Telephone: 858-232-8733
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20170710
Handler Name: PERSEPHONE BIOME
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q167
SSE
1/8-1/4
0.239 mi.
1263 ft.

GENEMO INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 7 of 113 in cluster Q

RCRA NonGen / NLR 1024856560
CAL000420686

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
Date Form Received by Agency: 20200527
Handler Name: GENEMO INC
Handler Address: 3210 MERRYFIELD ROW
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000420686
Contact Name: ZIXU ZHOU
Contact Address: 3210 MERRYFIELD ROW
Contact City,State,Zip: SAN DIEGO, CA 92121-0000
Contact Telephone: 858-869-1550
Contact Fax: Not reported
Contact Email: JOSH.ZHOU@MADIAGNOSIS.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Not a generator, verified

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

GENEMO INC (Continued)

1024856560

Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		3210 MERRYFIELD ROW
Mailing City,State,Zip:		SAN DIEGO, CA 92121-0000
Owner Name:	Not reported	
Owner Type:		Not reported
Operator Name:	SHENG ZHONG	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENEMO INC (Continued)

1024856560

Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20200601
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: HAIZI ZHENG
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4611 TORREY CIRCLE, T305
Owner/Operator City,State,Zip: SAN DIEGO, CA 92130
Owner/Operator Telephone: 858-666-7015
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SHENG ZHONG
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5556 CAMINITO MUNDANO
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 217-419-0577
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SHENG ZHONG
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5556 CAMINITO MUNDANO
Owner/Operator City,State,Zip: SAN DIEGO, CA 92130
Owner/Operator Telephone: 217-419-0577
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20161006
Handler Name: GENEMO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

GENEMO INC (Continued)

1024856560

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20200527
Handler Name:	GENEMO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	325412
NAICS Description:	PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
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Q168
SSE
1/8-1/4
0.239 mi.
1263 ft.

ONCTERNAL THERAPEUTICS INC
3210 MERRYFIELD ROW STE 2513-2
SAN DIEGO, CA 92121
Site 8 of 113 in cluster Q

RCRA NonGen / NLR **1024855540**
CAL000418245

Relative:
Higher
Actual:
318 ft.

RCRA Listings:	
Date Form Received by Agency:	20160620
Handler Name:	ONCTERNAL THERAPEUTICS INC
Handler Address:	3210 MERRYFIELD ROW STE 2513-2
Handler City,State,Zip:	SAN DIEGO, CA 92121-1126
EPA ID:	CAL000418245
Contact Name:	KATTI JESSEN
Contact Address:	3525 DEL MAR HEIGHTS RD STE 821
Contact City,State,Zip:	SAN DIEGO, CA 92130
Contact Telephone:	858-337-1706
Contact Fax:	858-408-3010
Contact Email:	KJESSEN@ONCTERNAL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

ONCTERNAL THERAPEUTICS INC (Continued)

1024855540

Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3525 DEL MAR HEIGHTS RD STE 821
Mailing City,State,Zip:	SAN DIEGO, CA 92130-2199
Owner Name:	ONCTERNAL THERAPEUTICS INC
Owner Type:	Other
Operator Name:	KATTI JESSEN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRC Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

ONCTERNAL THERAPEUTICS INC (Continued)

1024855540

Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: ONCTERNAL THERAPEUTICS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3525 DEL MAR HEIGHTS RD STE 821
Owner/Operator City,State,Zip: SAN DIEGO, CA 92130-2199
Owner/Operator Telephone: 858-434-1113
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KATTI JESSEN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3525 DEL MAR HEIGHTS RD STE 821
Owner/Operator City,State,Zip: SAN DIEGO, CA 92130
Owner/Operator Telephone: 858-337-1706
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20160620
Handler Name: ONCTERNAL THERAPEUTICS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 541711
NAICS Description: RESEARCH AND DEVELOPMENT IN BIOTECHNOLOGY

Facility Has Received Notices of Violations:

Violations: No Violations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

ONCTERNAL THERAPEUTICS INC (Continued)

1024855540

Evaluation Action Summary:
 Evaluations: No Evaluations Found

Q169
SSE
1/8-1/4
0.239 mi.
1263 ft.

GENE SCIENCES INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121

RCRA NonGen / NLR **1024856470**
CAL000420506

Site 9 of 113 in cluster Q

Relative:
Higher

RCRA Listings:

Actual:
318 ft.

Date Form Received by Agency:	20160930
Handler Name:	GENE SCIENCES INC
Handler Address:	3210 MERRYFIELD ROW
Handler City,State,Zip:	SAN DIEGO, CA 92121
EPA ID:	CAL000420506
Contact Name:	FEI YANG
Contact Address:	3210 MERRYFIELD ROW
Contact City,State,Zip:	SAN DIEGO, CA 92121
Contact Telephone:	626-628-4702
Contact Fax:	877-225-3670
Contact Email:	FYANG@GENESCIENCESINC.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3210 MERRYFIELD ROW
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	LYNNE ROLLINS
Owner Type:	Other
Operator Name:	FEI YANG
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

GENE SCIENCES INC (Continued)

1024856470

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSD Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: LYNNE ROLLINS	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12481 HIGN BLUFF DR
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92130
Owner/Operator Telephone:	949-422-9676
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: FEI YANG	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3210 MERRYFIELD ROW

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

GENE SCIENCES INC (Continued)

1024856470

Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
 Owner/Operator Telephone: 626-628-4702
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:
 Receive Date: 20160930
 Handler Name: GENE SCIENCES INC
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
 NAICS Code: 54172
 NAICS Description: RESEARCH AND DEVELOPMENT IN THE SOCIAL SCIENCES AND HUMANITIES

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

Q170
SSE
1/8-1/4
0.239 mi.
1263 ft.

ORPRO THERAPEUTICS INCORPORATED
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 10 of 113 in cluster Q

RCRA NonGen / NLR **1024842264**
CAL000392636

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
 Date Form Received by Agency: 20210707
 Handler Name: ORPRO THERAPEUTICS INCORPORATED
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121-1126
 EPA ID: CAL000392636
 Contact Name: PETER B HEIFETZ
 Contact Address: BIRCH BLUFF AVE
 Contact City,State,Zip: SAN DIEGO, CA 92131
 Contact Telephone: 858-353-3630
 Contact Fax: Not reported
 Contact Email: PHEIFETZ@ORPROTHERAPEUTICS.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ORPRO THERAPEUTICS INCORPORATED (Continued)

1024842264

Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	BIRCH BLUFF AVE
Mailing City, State, Zip:	SAN DIEGO, CA 92131
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	ORPRO THERAPEUTICS INCORPORATED
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210709

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

ORPRO THERAPEUTICS INCORPORATED (Continued)

1024842264

Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: ORPRO THERAPEUTICS INCORPORATED
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121-1126
Owner/Operator Telephone: 858-242-1557
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PETER HEIFETZ
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-353-3630
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ORPRO THERAPEUTICS INCORPORATED
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121-1126
Owner/Operator Telephone: 858-242-1557
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20210707
Handler Name: ORPRO THERAPEUTICS INCORPORATED
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

ORPRO THERAPEUTICS INCORPORATED (Continued)

1024842264

Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	20140109
Handler Name:	ORPRO THERAPEUTICS INCORPORATED
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	325412
NAICS Description:	PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
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Q171
SSE
1/8-1/4
0.239 mi.
1263 ft.

STEMONIX INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 11 of 113 in cluster Q

RCRA NonGen / NLR **1024850039**
CAL000407210

Relative:
Higher
Actual:
318 ft.

RCRA Listings:	
Date Form Received by Agency:	20150527
Handler Name:	STEMONIX INC
Handler Address:	3210 MERRYFIELD ROW
Handler City,State,Zip:	SAN DIEGO, CA 92121
EPA ID:	CAL000407210
Contact Name:	PING YEH
Contact Address:	9081 WAVERLY CT
Contact City,State,Zip:	EDEN PRAIRIE, MN 55347
Contact Telephone:	612-804-8225
Contact Fax:	Not reported
Contact Email:	MURDOC.KHALEGHI@STEMONIX.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

STEMONIX INC (Continued)

1024850039

Mailing Address:		9081 WAVERLY CT
Mailing City,State,Zip:		EDEN PRAIRIE, MN 55347
Owner Name:	STEMONIX INC	
Owner Type:		Other
Operator Name:	PING YEH	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDs Where RCRA CA has Been Imposed Universe:		No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20180906
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

STEMONIX INC (Continued)

1024850039

Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: PING YEH
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 9081 WAVERLY CT
Owner/Operator City,State,Zip: EDEN PRAIRIE, MN 55347
Owner/Operator Telephone: 612-804-8225
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: STEMONIX INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 9081 WAVERLY CT
Owner/Operator City,State,Zip: EDEN PRAIRIE, MN 55347
Owner/Operator Telephone: 612-804-8225
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20150527
Handler Name: STEMONIX INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

Q172 **DNATRIX INC, SUITE 2513-15** **RCRA NonGen / NLR** **1024845981**
SSE **3210 MERRYFIELD ROW**
1/8-1/4 **SAN DIEGO, CA 92121**
0.239 mi.
1263 ft. **Site 12 of 113 in cluster Q**

Relative:
Higher

Actual:
318 ft.

RCRA Listings: 20140806
 Date Form Received by Agency: 20140806
 Handler Name: DNATRIX INC, SUITE 2513-15
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000399573
 Contact Name: WINNIE CHAN
 Contact Address: 10355 SCIENCE CENTER DRIVE
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 408-470-0883
 Contact Fax: Not reported
 Contact Email: WCHAN@DNATRIX.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 10355 SCIENCE CENTER DRIVE
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: DNATRIX INC
 Owner Type: Other
 Operator Name: WINNIE CHAN
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: Yes
 Universal Waste Destination Facility: Yes
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPRA Permit Baseline: Not on the Baseline
 2018 GPRA Renewals Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

DNATRIX INC, SUITE 2513-15 (Continued)

1024845981

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: WINNIE CHAN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10355 SCIENCE CENTER DRIVE
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	408-470-0883
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: DNATRIX INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2450 HOLCOMBE BLVD
Owner/Operator City,State,Zip:	HOUSTON, TX 77021-0000
Owner/Operator Telephone:	832-930-2401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

DNATRIX INC, SUITE 2513-15 (Continued)

1024845981

Historic Generators:

Receive Date: 20140806
 Handler Name: DNATRIX INC, SUITE 2513-15
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
 NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q173
SSE
1/8-1/4
0.239 mi.
1263 ft.

JOHNSON & JOHNSON PHARMACEUTICAL RESEARC
3210 MERRYFIELD RW
SAN DIEGO, CA
Site 13 of 113 in cluster Q

CA AST A100345864
N/A

Relative:
Higher

AST:
 Name: JOHNSON & JOHNSON PHARMACEUTICAL RESEARC
 Address: 3210 MERRYFIELD RW
 City/Zip: SAN DIEGO,
 Certified Unified Program Agencies: San Diego
 Owner: JOHNSON & JOHNSON PHARMACEUT
 Total Gallons: 3300
 CERSID: Not reported
 Facility ID: Not reported
 Business Name: Not reported
 Phone: Not reported
 Fax: Not reported
 Mailing Address: Not reported
 Mailing Address City: Not reported
 Mailing Address State: Not reported
 Mailing Address Zip Code: Not reported
 Operator Name: Not reported
 Operator Phone: Not reported
 Owner Phone: Not reported
 Owner Mail Address: Not reported
 Owner State: Not reported
 Owner Zip Code: Not reported
 Owner Country: Not reported
 Property Owner Name: Not reported
 Property Owner Phone: Not reported

Actual:
318 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

JOHNSON & JOHNSON PHARMACEUTICAL RESEARC (Continued)

A100345864

Property Owner Mailing Address: Not reported
 Property Owner City: Not reported
 Property Owner Stat : Not reported
 Property Owner Zip Code: Not reported
 Property Owner Country: Not reported
 EPAID: Not reported

Q174
SSE
1/8-1/4
0.239 mi.
1263 ft.

STEMIOTICS INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 14 of 113 in cluster Q

RCRA NonGen / NLR 1024838731
CAL000385880

Relative:
Higher

RCRA Listings:

Actual:
318 ft.

Date Form Received by Agency:	STEMIOTICS INC	20130604
Handler Name:	STEMIOTICS INC	
Handler Address:		3210 MERRYFIELD ROW
Handler City,State,Zip:		SAN DIEGO, CA 92121
EPA ID:		CAL000385880
Contact Name:		LUIGI WARREN
Contact Address:		3535 LEBON DR
Contact City,State,Zip:		SAN DIEGO, CA 92122
Contact Telephone:		617-275-1489
Contact Fax:		Not reported
Contact Email:		LUIGI.WARREN@OUTLOOK.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		3535 LEBON DR
Mailing City,State,Zip:		SAN DIEGO, CA 92122
Owner Name:	STEMIOTICS INC	
Owner Type:		Other
Operator Name:	LUIGI WARREN	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

STEMIOTICS INC (Continued)

1024838731

Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: STEMIOTICS INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3535 LEBON DR
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92122
Owner/Operator Telephone:	617-275-1489
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: LUIGI WARREN	
Legal Status:	Other
Date Became Current:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

STEMIOTICS INC (Continued)

1024838731

Date Ended Current: Not reported
Owner/Operator Address: 3535 LEBON DR
Owner/Operator City,State,Zip: SAN DIEGO, CA 92122
Owner/Operator Telephone: 617-275-1489
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20130604
Handler Name: STEMIOTICS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 54171
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q175
SSE
1/8-1/4
0.239 mi.
1263 ft.

PHUSIS THERAPEUTICS INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121

RCRA NonGen / NLR **1024838769**
CAL000386047

Site 15 of 113 in cluster Q

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
Date Form Received by Agency: 20130607
Handler Name: PHUSIS THERAPEUTICS INC
Handler Address: 3210 MERRYFIELD ROW
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000386047
Contact Name: LYNN KIRKPATRICK
Contact Address: 6019 FOLSOM DR.
Contact City,State,Zip: LA JOLLA, CA 92037-6712
Contact Telephone: 858-886-7417
Contact Fax: Not reported
Contact Email: LKIRKPATRICK@PHUSISTHERAPEUTICS.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

PHUSIS THERAPEUTICS INC (Continued)

1024838769

Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		6019 FOLSOM DR.
Mailing City,State,Zip:		LA JOLLA, CA 92037-6712
Owner Name:	PHUSIS THERAPEUTICS INC	
Owner Type:		Other
Operator Name:	LYNN KIRKPATRICK	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSD Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

PHUSIS THERAPEUTICS INC (Continued)

1024838769

Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180906
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: PHUSIS THERAPEUTICS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6019 FOLSOM DR.
Owner/Operator City,State,Zip: LA JOLLA, CA 92037-6712
Owner/Operator Telephone: 858-886-7417
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: LYNN KIRKPATRICK
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6019 FOLSOM DR.
Owner/Operator City,State,Zip: LA JOLLA, CA 92037-6712
Owner/Operator Telephone: 858-886-7417
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20130607
Handler Name: PHUSIS THERAPEUTICS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

PHUSIS THERAPEUTICS INC (Continued)

1024838769

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

Q176 ANIMANTIS LLC RCRA NonGen / NLR 1024846020
SSE 3210 MERRYFIELD ROW CAL000399668
1/8-1/4 SAN DIEGO, CA 92121
0.239 mi.
1263 ft. Site 16 of 113 in cluster Q

Relative: RCRA Listings:
Higher Date Form Received by Agency: 20140813
Actual: Handler Name: ANIMANTIS LLC
318 ft. Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000399668
 Contact Name: MARTIN BLANCHARD
 Contact Address: 3210 MERRYFIELD ROW
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 785-979-6431
 Contact Fax: Not reported
 Contact Email: MARTIN@ANIMANTIS.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 3210 MERRYFIELD ROW
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: BRYAN WALKER
 Owner Type: Other
 Operator Name: MARTIN BLANCHARD
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: Yes
 Universal Waste Destination Facility: Yes
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

ANIMANTIS LLC (Continued)

1024846020

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: MARTIN BLANCHARD	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3210 MERRYFIELD ROW
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	785-979-6431
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: BRYAN WALKER	
Legal Status:	Other

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

ANIMANTIS LLC (Continued)

1024846020

Date Became Current: Not reported
 Date Ended Current: Not reported
 Owner/Operator Address: 3210 MERRYFIELD ROW
 Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
 Owner/Operator Telephone: 248-763-2511
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20140813
 Handler Name: ANIMANTIS LLC
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
 NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q177
SSE
1/8-1/4
0.239 mi.
1263 ft.

HAYA THERAPEUTICS, INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121

CA CERS HAZ WASTE S128623815
N/A

Site 17 of 113 in cluster Q

Relative:
Higher
Actual:
318 ft.

CERS HAZ WASTE:
 Name: HAYA THERAPEUTICS, INC
 Address: 3210 MERRYFIELD ROW
 City,State,Zip: SAN DIEGO, CA 92121
 Site ID: 611143
 CERS ID: 10894633
 CERS Description: Hazardous Waste Generator

Coordinates:

Site ID: 611143
 Facility Name: HAYA Therapeutics, Inc
 Env Int Type Code: HMBP
 Program ID: 10894633
 Coord Name: Not reported
 Ref Point Type Desc: Center of a facility or station.,
 Latitude: 32.900980

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

HAYA THERAPEUTICS, INC (Continued)

S128623815

Longitude: -117.234410

Affiliation:

Affiliation Type Desc: Identification Signer
Entity Name: Claire Roberts
Entity Title: Lab manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Claire Roberts
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 242-1566,

Affiliation Type Desc: Operator
Entity Name: Claire Roberts
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (504) 251-7283,

Affiliation Type Desc: Property Owner
Entity Name: HAYA Therapeutics, Inc
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 242-1566,

Affiliation Type Desc: Parent Corporation
Entity Name: HAYA Therapeutics, Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

HAYA THERAPEUTICS, INC (Continued)

S128623815

Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
Entity Name: Claire Roberts
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Claire Roberts
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Q178
SSE
1/8-1/4
0.239 mi.
1263 ft.

FORGE THERAPEUTICS INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121

RCRA NonGen / NLR **1024849252**
CAL000405686

Site 18 of 113 in cluster Q

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
Date Form Received by Agency: 20150402
Handler Name: FORGE THERAPEUTICS INC
Handler Address: 3210 MERRYFIELD ROW
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000405686
Contact Name: JAMIE THORPE
Contact Address: 3210 MERRYFIELD ROW
Contact City,State,Zip: SAN DIEGO, CA 92121
Contact Telephone: 619-252-6995
Contact Fax: Not reported
Contact Email: JAMIE@FORGETHERAPEUTICS.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FORGE THERAPEUTICS INC (Continued)

1024849252

Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3210 MERRYFIELD ROW
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	FORGE THERAPEUTICS INC
Owner Type:	Other
Operator Name:	JAMIE THORPE
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

FORGE THERAPEUTICS INC (Continued)

1024849252

Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180906
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: JAMIE THORPE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 619-252-6995
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: FORGE THERAPEUTICS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 760-845-4106
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20150402
Handler Name: FORGE THERAPEUTICS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

FORGE THERAPEUTICS INC (Continued)

1024849252

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

Q179
SSE
1/8-1/4
0.239 mi.
1263 ft.

LINNAEUS BIOSCIENCE
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 19 of 113 in cluster Q

RCRA NonGen / NLR 1024837358
CAL000382522

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
 Date Form Received by Agency: 20130219
 Handler Name: LINNAEUS BIOSCIENCE
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000382522
 Contact Name: JOE POGLIANO
 Contact Address: 3210 MERRYFIELD ROW
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-945-7622
 Contact Fax: Not reported
 Contact Email: JPOGLIANO@ME.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 3210 MERRYFIELD ROW
 Mailing City,State,Zip: SAN DIEGO, CA 92121-0000
 Owner Name: JOE POGLIANO
 Owner Type: Other
 Operator Name: JOE POGLIANO
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: Yes
 Universal Waste Destination Facility: Yes
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

LINNAEUS BIOSCIENCE (Continued)

1024837358

Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDs Where RCRA CA has Been Imposed Universe: No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180906
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: JOE POGLIANO
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4117 TYNEBOURNE CIR
Owner/Operator City,State,Zip: SAN DIEGO, CA 92130
Owner/Operator Telephone: 858-945-7622
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JOE POGLIANO
Legal Status: Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

LINNAEUS BIOSCIENCE (Continued)

1024837358

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-945-7622
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20130219
Handler Name: LINNAEUS BIOSCIENCE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 54171
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q180
SSE
1/8-1/4
0.239 mi.
1263 ft.

PIMERA INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 20 of 113 in cluster Q

RCRA NonGen / NLR **1024842895**
CAL000393740

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
Date Form Received by Agency: 20200724
Handler Name: PIMERA INC
Handler Address: 3210 MERRYFIELD ROW
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000393740
Contact Name: DENIS DRYGIN
Contact Address: HIGHLAND VILLAGE PL STE B102-412
Contact City,State,Zip: SAN DIEGO, CA 92129
Contact Telephone: 760-271-3123
Contact Fax: Not reported
Contact Email: DDRYGIN@PIMERA.COM
Contact Title: VP R&D
EPA Region: 09
Land Type: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PIMERA INC (Continued)

1024842895

Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	HIGHLAND VILLAGE PL STE B102-412
Mailing City,State,Zip:	SAN DIEGO, CA 92129
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	PIMERA INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

PIMERA INC (Continued)

1024842895

Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20200728
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: PIMERA INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 7875 HIGHLAND VILLAGE PL STE B102-412
Owner/Operator City,State,Zip: SAN DIEGO, CA 92129
Owner/Operator Telephone: 858-204-9319
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PIMERA INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-304-0286
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DENIS DRYGIN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 760-271-3123
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20200724
Handler Name: PIMERA INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

PIMERA INC (Continued)

1024842895

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	20140130
Handler Name:	PIMERA INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	325412
NAICS Description:	PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
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Q181
SSE
1/8-1/4
0.239 mi.
1263 ft.

POSEIDA THERAPEUTICS INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121

RCRA NonGen / NLR **1024848486**
CAL000404143

Site 21 of 113 in cluster Q

Relative:
Higher
Actual:
318 ft.

RCRA Listings:	
Date Form Received by Agency:	20150130
Handler Name:	POSEIDA THERAPEUTICS INC
Handler Address:	3210 MERRYFIELD ROW
Handler City,State,Zip:	SAN DIEGO, CA 92121-1126
EPA ID:	CAL000404143
Contact Name:	SRINIVAS RENGARAJAN
Contact Address:	4242 CAMPUS POINT COURT
Contact City,State,Zip:	SAN DIEGO, CA 92121
Contact Telephone:	858-779-3141
Contact Fax:	Not reported
Contact Email:	SRENGARAJAN@POSEIDA.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

POSEIDA THERAPEUTICS INC (Continued)

1024848486

Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		4242 CAMPUS POINT CT. 7TH FLOOR
Mailing City,State,Zip:		SAN DIEGO, CA 92121-0000
Owner Name:	ERIC OSTERTAG	
Owner Type:		Other
Operator Name:	SRINIVAS RENGARAJAN	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

POSEIDA THERAPEUTICS INC (Continued)

1024848486

Handler Date of Last Change: 20181120
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: SRINIVAS RENGARAJAN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4242 CAMPUS POINT COURT
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-779-3141
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ERIC OSTERTAG
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4242 CAMPUS POINT CT. 7TH FLOOR
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121-0000
Owner/Operator Telephone: 858-779-3100
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20150130
Handler Name: POSEIDA THERAPEUTICS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: Not reported
Recognized Trader Exporter: Not reported
Spent Lead Acid Battery Importer: Not reported
Spent Lead Acid Battery Exporter: Not reported
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 54171
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

Facility Has Received Notices of Violations:

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

POSEIDA THERAPEUTICS INC (Continued)

1024848486

Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

Q182
SSE
1/8-1/4
0.239 mi.
1263 ft.

NOVORON BIOSCIENCE INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 22 of 113 in cluster Q

RCRA NonGen / NLR

1024846166
CAL000399975

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
 Date Form Received by Agency: 20140822
 Handler Name: NOVORON BIOSCIENCE INC
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000399975
 Contact Name: ANDREW BRIGHT
 Contact Address: 7770 REGENTS RD 113 319
 Contact City,State,Zip: SAN DIEGO, CA 92122
 Contact Telephone: 609-977-0604
 Contact Fax: Not reported
 Contact Email: A.TAYLOR.BRIGHT@NOVORON.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 7770 REGENTS RD 113 319
 Mailing City,State,Zip: SAN DIEGO, CA 92122
 Owner Name: NOVORON BIOSCIENCE INC
 Owner Type: Other
 Operator Name: ANDREW BRIGHT
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: Yes
 Universal Waste Destination Facility: Yes
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

NOVORON BIOSCIENCE INC (Continued)

1024846166

Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NOVORON BIOSCIENCE INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7770 REGENTS RD 113 319
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92122
Owner/Operator Telephone:	609-977-0604
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANDREW BRIGHT
Legal Status:	Other
Date Became Current:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

NOVORON BIOSCIENCE INC (Continued)

1024846166

Date Ended Current: Not reported
 Owner/Operator Address: 7770 REGENTS RD 113 319
 Owner/Operator City,State,Zip: SAN DIEGO, CA 92122
 Owner/Operator Telephone: 609-977-0604
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20140822
 Handler Name: NOVORON BIOSCIENCE INC
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
 NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q183
SSE
1/8-1/4
0.239 mi.
1263 ft.

SINGULAR GENOMICS SYSTEMS
3210 MERRYFIELD ROW STE 2219A-C
SAN DIEGO, CA 92121

RCRA NonGen / NLR **1024856746**
CAL000421027

Site 23 of 113 in cluster Q

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
 Date Form Received by Agency: 20161012
 Handler Name: SINGULAR GENOMICS SYSTEMS
 Handler Address: 3210 MERRYFIELD ROW STE 2219A-C
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000421027
 Contact Name: JEREMY FERRELL
 Contact Address: 3210 MERRYFIELD ROW STE 2219A-C
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 619-227-8404
 Contact Fax: Not reported
 Contact Email: JEREMY@SINGULARGENOMICS.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SINGULAR GENOMICS SYSTEMS (Continued)

1024856746

Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1201 CAMINO DEL MAR STE 202
Mailing City,State,Zip:		DEL MAR, CA 92014
Owner Name:	DREW SPAVENTA	
Owner Type:		Other
Operator Name:	JEREMY FERRELL	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSD Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

SINGULAR GENOMICS SYSTEMS (Continued)

1024856746

Financial Assurance Required: Not reported
Handler Date of Last Change: 20180907
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: DREW SPAVENTA
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1201 CAMINO DEL MAR STE 202
Owner/Operator City,State,Zip: DEL MAR, CA 92014
Owner/Operator Telephone: 805-570-2924
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JEREMY FERRELL
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW STE 2219A-C
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 619-227-8404
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20161012
Handler Name: SINGULAR GENOMICS SYSTEMS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

SINGULAR GENOMICS SYSTEMS (Continued)

1024856746

Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

Q184
SSE
1/8-1/4
0.239 mi.
1263 ft.

ABILITA BIO INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 24 of 113 in cluster Q

RCRA NonGen / NLR **1024845275**
CAL000398273

Relative:
Higher
Actual:
318 ft.

RCRA Listings:		
Date Form Received by Agency:		20200121
Handler Name:	ABILITA BIO INC	
Handler Address:		3210 MERRYFIELD ROW
Handler City,State,Zip:		SAN DIEGO, CA 92121
EPA ID:		CAL000398273
Contact Name:		MAURO MILENI
Contact Address:		NANCY RIDGE DR STE B
Contact City,State,Zip:		SAN DIEGO, CA 92121
Contact Telephone:		858-366-5435
Contact Fax:		Not reported
Contact Email:		MMILENI@ABILITABIO.COM
Contact Title:		CEO
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		NANCY RIDGE DR STE B
Mailing City,State,Zip:		SAN DIEGO, CA 92121
Owner Name:	MAURO MILENI	
Owner Type:		Other
Operator Name:	ABILITA BIO INC	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

ABILITA BIO INC (Continued)

1024845275

Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200205
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: MAURO MILENI	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4626 BAY SUMMIT PL
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92117-6746
Owner/Operator Telephone:	850-366-5435
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: ABILITA BIO INC	
Legal Status:	Private
Date Became Current:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

ABILITA BIO INC (Continued)

1024845275

Date Ended Current: Not reported
 Owner/Operator Address: 4626 BAY SUMMIT PLACE
 Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
 Owner/Operator Telephone: 858-366-5635
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: MMILENI@ABILITABIO.COM

Historic Generators:

Receive Date: 20200121
 Handler Name: ABILITA BIO INC
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: No
 Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 325412
 NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q185
SSE
1/8-1/4
0.239 mi.
1263 ft.

VLP BIOTECH INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 25 of 113 in cluster Q

RCRA NonGen / NLR **1024837186**
CAL000382060

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
 Date Form Received by Agency: 20130130
 Handler Name: VLP BIOTECH INC
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000382060
 Contact Name: CORY PETERS
 Contact Address: 3210 MERRYFIELD ROW
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-242-1502
 Contact Fax: 999-999-9999
 Contact Email: CPETERS@VLP-BIOTECH.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

VLP BIOTECH INC (Continued)

1024837186

Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		3210 MERRYFIELD ROW
Mailing City,State,Zip:		SAN DIEGO, CA 92121
Owner Name:	VLP BIOTECH INC	
Owner Type:		Other
Operator Name:	CORY PETERS	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSD Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

VLP BIOTECH INC (Continued)

1024837186

Financial Assurance Required: Not reported
Handler Date of Last Change: 20180906
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: VLP BIOTECH INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-242-1524
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CORY PETERS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-242-1502
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20130130
Handler Name: VLP BIOTECH INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 54172
NAICS Description: RESEARCH AND DEVELOPMENT IN THE SOCIAL SCIENCES AND HUMANITIES

Facility Has Received Notices of Violations:

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

VLP BIOTECH INC (Continued)

1024837186

Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

Q186
SSE
1/8-1/4
0.239 mi.
1263 ft.
Relative:
Higher
Actual:
318 ft.

SUNOMIX THERAPEUTICS
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 26 of 113 in cluster Q

CA CERS HAZ WASTE **S124437323**
CA CERS **N/A**

CERS HAZ WASTE:
 Name: SUNOMIX THERAPEUTICS
 Address: 3210 MERRYFIELD ROW
 City,State,Zip: SAN DIEGO, CA 92121
 Site ID: 381036
 CERS ID: 10482670
 CERS Description: Hazardous Waste Generator

CERS:
 Name: SUNOMIX THERAPEUTICS
 Address: 3210 MERRYFIELD ROW
 City,State,Zip: SAN DIEGO, CA 92121
 Site ID: 381036
 CERS ID: 10482670
 CERS Description: Chemical Storage Facilities

Violations:
 Site ID: 381036
 Site Name: SUNOMIX THERAPEUTICS
 Violation Date: 04-23-2019
 Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
 Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General
 Violation Notes: Returned to compliance on 05/08/2019. Inspection Sequence ID:6064356;Violation:HMD0131 Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. SDCC 68.905
 Violation Division: San Diego County Department of Env Health
 Violation Program: HW
 Violation Source: CERS,

Evaluation:
 Eval General Type: Compliance Evaluation Inspection
 Eval Date: 03-21-2017
 Violations Found: No
 Eval Type: Routine done by local agency
 Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5683333
 Eval Division: San Diego County Department of Env Health
 Eval Program: HW
 Eval Source: CERS,
 Eval General Type: Compliance Evaluation Inspection
 Eval Date: 06-24-2015
 Violations Found: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SUNOMIX THERAPEUTICS (Continued)

S124437323

Eval Type: Routine done by local agency
Eval Notes: Inspector: Manese Michael Inspection ID:5310802
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-23-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6064356
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Identification Signer
Entity Name: Moe Bouziane
Entity Title: CEO
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Moe Bouziane
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: san diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 900-5059,

Affiliation Type Desc: Operator
Entity Name: Moe Bouziane
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 900-5059,

Affiliation Type Desc: Parent Corporation
Entity Name: Sunomix Therapeutics
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SUNOMIX THERAPEUTICS (Continued)

S124437323

Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Environmental Contact
Entity Name: Moe Bouziane
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121.000
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Moe Bouziane
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Q187
SSE
1/8-1/4
0.239 mi.
1263 ft.

PROMINEX INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 27 of 113 in cluster Q

RCRA NonGen / NLR **1024864434**
CAL000432995

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
Date Form Received by Agency: 20180104
Handler Name: PROMINEX INC
Handler Address: 3210 MERRYFIELD ROW
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000432995
Contact Name: PAUL GARGAN
Contact Address: 3210 MERRYFIELD ROW
Contact City,State,Zip: SAN DIEGO, CA 92121
Contact Telephone: 619-572-7034
Contact Fax: 619-572-7034
Contact Email: PGARGAN@PROMINEX.COM

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

PROMINEX INC (Continued)

1024864434

Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3210 MERRYFIELD ROW
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	PROMINEZ INC
Owner Type:	Other
Operator Name:	PAUL GARGAN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

PROMINEX INC (Continued)

1024864434

Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180907
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: PAUL GARGAN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 619-572-7034
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PROMINEZ INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 619-572-7034
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20180104
Handler Name: PROMINEX INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

PROMINEX INC (Continued)

1024864434

List of NAICS Codes and Descriptions:

NAICS Code: 325412
 NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q188
SSE
1/8-1/4
0.239 mi.
1263 ft.

LIN BIOSCIENCE LLC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 28 of 113 in cluster Q

RCRA NonGen / NLR **1024859439**
CAL000426509

Relative:
Higher

RCRA Listings:
 Date Form Received by Agency: 20170404
 Handler Name: LIN BIOSCIENCE LLC
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000426509
 Contact Name: JASON OLEJNICZAK
 Contact Address: 3210 MERRYFIELD ROW
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-242-1515
 Contact Fax: Not reported
 Contact Email: JOLEJNICZAK@LINBIOSCIENCE.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 3210 MERRYFIELD ROW
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: LIN BIOSCIENCE LLC
 Owner Type: Other
 Operator Name: JASON OLEJNICZAK
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: Yes

Actual:
318 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

LIN BIOSCIENCE LLC (Continued)

1024859439

Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: JASON OLEJNICZAK	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3210 MERRYFIELD ROW
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	858-242-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

LIN BIOSCIENCE LLC (Continued)

1024859439

Owner/Operator Email: Not reported
 Owner/Operator Indicator: Owner
 Owner/Operator Name: LIN BIOSCIENCE LLC
 Legal Status: Other
 Date Became Current: Not reported
 Date Ended Current: Not reported
 Owner/Operator Address: 3210 MERRYFIELD ROW
 Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
 Owner/Operator Telephone: 858-405-7944
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:
 Receive Date: 20170404
 Handler Name: LIN BIOSCIENCE LLC
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
 NAICS Code: 325412
 NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

Q189
SSE
1/8-1/4
0.239 mi.
1263 ft.

PEPTIDE LOGIC LLC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 29 of 113 in cluster Q

RCRA NonGen / NLR **1024863181**
CAL000431719

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
 Date Form Received by Agency: 20171023
 Handler Name: PEPTIDE LOGIC LLC
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000431719
 Contact Name: PIERRE RIVIERE CEO
 Contact Address: 3210 MERRYFIELD ROW
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-333-2918
 Contact Fax: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

Database(s)

Site

PEPTIDE LOGIC LLC (Continued)

1024863181

Contact Email:	PIERRE.RIVIERE@PEPTIDELOGIC.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3993 VIA CANGREJO
Mailing City,State,Zip:	SAN DIEGO, CA 92130
Owner Name:	PIERRE RIVIERE
Owner Type:	Other
Operator Name:	PIERRE RIVIERE CEO
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

PEPTIDE LOGIC LLC (Continued)

1024863181

Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180907
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: PIERRE RIVIERE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3993 VIA CANGREJO
Owner/Operator City,State,Zip: SAN DIEGO, CA 92130
Owner/Operator Telephone: 858-333-2918
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PIERRE RIVIERE CEO
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-333-2918
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20171023
Handler Name: PEPTIDE LOGIC LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

PEPTIDE LOGIC LLC (Continued)

1024863181

List of NAICS Codes and Descriptions:

NAICS Code: 325412
 NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q190
SSE
1/8-1/4
0.239 mi.
1263 ft.

CESSATION THERAPEUTICS
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 30 of 113 in cluster Q

CA San Diego Co. HMMD
CA CERS HAZ WASTE
CA CERS
S124438883
N/A

Relative:
Higher

HMMD SAN DIEGO:

Name: CESSATION THERAPEUTICS
 Address: 3210 MERRYFIELD ROW
 City,State,Zip: SAN DIEGO, CA 92121-1126
 Permit Number: Not reported
 Business Type: Not reported
 EPA Id Number: CAL000438521
 APN: Not reported
 Last HMMD Inspection: Not reported
 Facility Telephone: 612-202-1652
 Permit Status: Permit Renewed
 Permit Expiration: Not reported
 Date Last Updated: 03/11/2022
 Facility Owner: Not reported
 Facility Mailing Address: 3031 Tisch Way Ste 505, San Jose, CA 95128
 Facility Mailing City: Not reported
 Facility Mailing State: Not reported
 Facility Mailing Zip: Not reported
 UST Owner: N
 Handle Regulated Hazmat: Not reported
 Own Or Operate UST: Not reported
 Subject To APSA: Not reported
 Generate Haz Waste: Y
 Treat Haz Waste: N
 Generate Medical Waste: Not reported

Actual:
318 ft.

Waste and Materials:

Record ID: DEH2015-HUPFP-001714
 Permit Status: Permit Renewed
 Active Permit: Y
 Child Record Id: DEH2021-HWAST-0272915
 Trade Secret: N
 Hazardous Material Type: Not reported
 Last Updated: 2022-03-11T02:31:51.000
 Chemical Name: liquid chemical waste container
 Common Name: liquid chemical waste container
 Case Number: Not reported

Record ID: DEH2015-HUPFP-001714
 Permit Status: Permit Renewed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

CESSATION THERAPEUTICS (Continued)

S124438883

Active Permit: Y
Child Record Id: DEH2020-HWAST-0241836
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-03T02:41:05.000
Chemical Name: liquid chemical waste container
Common Name: liquid chemical waste container
Case Number: Not reported

Record ID: DEH2015-HUPFP-001714
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0198632
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-13T02:31:30.000
Chemical Name: liquid chemical waste container
Common Name: liquid chemical waste container
Case Number: Not reported

CERS HAZ WASTE:

Name: CESSATION THERAPEUTICS
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 524073
CERS ID: 10619134
CERS Description: Hazardous Waste Generator

CERS:

Name: CESSATION THERAPEUTICS
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 524073
CERS ID: 10619134
CERS Description: Chemical Storage Facilities

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-30-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Malone Kaelyn Inspection ID:5298164
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-20-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6251233
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

CESSATION THERAPEUTICS (Continued)

S124438883

Eval Date: 03-21-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5683332
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Identification Signer
Entity Name: Paul Bremer
Entity Title: Director, R&D
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Paul Bremer
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (612) 202-1652,

Affiliation Type Desc: Document Preparer
Entity Name: Paul Bremer
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Cessation Therapeutics
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

CESSATION THERAPEUTICS (Continued)

S124438883

Affiliation Phone: ,

Affiliation Type Desc: CUPA District
 Entity Name: San Diego County Env Health Qlty
 Entity Title: Not reported
 Affiliation Address: PO Box 129261
 Affiliation City: San Diego
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 92112-9261
 Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Environmental Contact
 Entity Name: Paul Bremer
 Entity Title: Not reported
 Affiliation Address: 3210 Merryfield Row
 Affiliation City: San Diego
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 92121
 Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
 Entity Name: Mark Pearson
 Entity Title: Not reported
 Affiliation Address: 3031 Tisch Way Ste 505
 Affiliation City: San Jose
 Affiliation State: CA
 Affiliation Country: United States
 Affiliation Zip: 95128
 Affiliation Phone: (650) 704-7906,

Q191
SSE
1/8-1/4
0.239 mi.
1263 ft.

MEDITOPE BIOSCIENCES INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 31 of 113 in cluster Q

RCRA NonGen / NLR **1024846797**
CAL000401226

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
 Date Form Received by Agency: 20141013
 Handler Name: MEDITOPE BIOSCIENCES INC
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000401226
 Contact Name: STEPHANIE HSIEH
 Contact Address: 3210 MERRYFIELD ROW
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 651-492-7347
 Contact Fax: Not reported
 Contact Email: STEPH@MEDITOPE.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

MEDITOPE BIOSCIENCES INC (Continued)

1024846797

Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3210 MERRYFIELD ROW
Mailing City, State, Zip:	SAN DIEGO, CA 92121
Owner Name:	MEDITOPE BIOSCIENCES INC
Owner Type:	Other
Operator Name:	STEPHANIE HSIEH
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRC Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSD Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

MEDITOPE BIOSCIENCES INC (Continued)

1024846797

Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: MEDITOPE BIOSCIENCES INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 177 E COLORADO BLVD SUITE 200
Owner/Operator City,State,Zip: PASADENA, CA 91105-1986
Owner/Operator Telephone: 656-278-2478
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: STEPHANIE HSIEH
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 651-492-7347
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20141013
Handler Name: MEDITOPE BIOSCIENCES INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

MEDITOPE BIOSCIENCES INC (Continued)

1024846797

Evaluation Action Summary:
 Evaluations: No Evaluations Found

Q192
SSE
1/8-1/4
0.239 mi.
1263 ft.

CAPELLA THERAPEUTICS INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121

RCRA NonGen / NLR

1024848531
CAL000404216

Site 32 of 113 in cluster Q

Relative:
Higher

RCRA Listings:

Actual:
318 ft.

Date Form Received by Agency:	20150203
Handler Name:	CAPELLA THERAPEUTICS INC
Handler Address:	3210 MERRYFIELD ROW
Handler City,State,Zip:	SAN DIEGO, CA 92121
EPA ID:	CAL000404216
Contact Name:	LINA LIANG
Contact Address:	10763 SANTA TOMASA AVE
Contact City,State,Zip:	SAN DIEGO, CA 92127
Contact Telephone:	858-945-1460
Contact Fax:	Not reported
Contact Email:	LLSOLUTIONSIT@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	10763 SANTA TOMASA AVE
Mailing City,State,Zip:	SAN DIEGO, CA 92127
Owner Name:	CAPELLA THERAPEUTICS INC
Owner Type:	Other
Operator Name:	LINA LIANG
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CAPELLA THERAPEUTICS INC (Continued)

1024848531

Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDs Where RCRA CA has Been Imposed Universe: No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180906
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: CAPELLA THERAPEUTICS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-945-1460
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: LINA LIANG
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10763 SANTA TOMASA AVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

CAPELLA THERAPEUTICS INC (Continued)

1024848531

Owner/Operator City,State,Zip: SAN DIEGO, CA 92127
Owner/Operator Telephone: 858-945-1460
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20150203
Handler Name: CAPELLA THERAPEUTICS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Q193 JOHNSON & JOHNSON INNOVATION LLC RCRA NonGen / NLR 1024860087
SSE 3210 MERRYFIELD ROW CAL000427976
1/8-1/4 SAN DIEGO, CA 92121
0.239 mi. Site 33 of 113 in cluster Q
1263 ft.

Relative: RCRA Listings:
Higher Date Form Received by Agency: 20220517
Handler Name: JOHNSON & JOHNSON INNOVATION LLC
Actual: Handler Address: 3210 MERRYFIELD ROW
318 ft. Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000427976
Contact Name: ERIC CHIU
Contact Address: 3210 MERRYFIELD ROW
Contact City,State,Zip: SAN DIEGO, CA 92121
Contact Telephone: 858-242-1555
Contact Fax: Not reported
Contact Email: ECHIU1@ITS.JNJ.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

JOHNSON & JOHNSON INNOVATION LLC (Continued)

1024860087

Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3210 MERRYFIELD ROW
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	JOHNSON & JOHNSON INNOVATION LLC
Owner Type:	Other
Operator Name:	JOHNSON & JOHNSON INNOVATION LLC
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220520

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

JOHNSON & JOHNSON INNOVATION LLC (Continued)

1024860087

Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: JOHNSON & JOHNSON INNOVATION LLC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 410 GEORGE ST
Owner/Operator City,State,Zip: NEW BRUNSWICK, NJ 08933
Owner/Operator Telephone: 858-242-1555
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: JOHNSON & JOHNSON INNOVATION LLC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 410 GEORGE ST
Owner/Operator City,State,Zip: NEW BRUNSWICK, NJ 08933
Owner/Operator Telephone: 858-242-1555
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JOHNSON & JOHNSON INNOVATION LLC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 410 GEORGE ST
Owner/Operator City,State,Zip: NEW BRUNSWICK, NJ 08933
Owner/Operator Telephone: 858-242-1555
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TARYN GOODE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-242-1555
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

JOHNSON & JOHNSON INNOVATION LLC (Continued)

1024860087

Historic Generators:

Receive Date: 20170523
Handler Name: JOHNSON & JOHNSON INNOVATION LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20220517
Handler Name: JOHNSON & JOHNSON INNOVATION LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q194
SSE
1/8-1/4
0.239 mi.
1263 ft.

SIRENAS MARINE DISCOVERY LLC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 34 of 113 in cluster Q

RCRA NonGen / NLR 1024849596
CAL000406415

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
Date Form Received by Agency: 20150427
Handler Name: SIRENAS MARINE DISCOVERY LLC
Handler Address: 3210 MERRYFIELD ROW
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000406415
Contact Name: MICHELLE DAVID
Contact Address: 3550 GENERAL ATOMICS CT 02/211
Contact City,State,Zip: SAN DIEGO, CA 92121
Contact Telephone: 858-909-5685
Contact Fax: 858-909-5687
Contact Email: MICHELLE.DAVID@SIRENASMD.COM

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SIRENAS MARINE DISCOVERY LLC (Continued)

1024849596

Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3550 GENERAL ATOMICS CT
Mailing City,State,Zip:	SAN DIEGO, CA 92121-1122
Owner Name:	SIRENAS LLC
Owner Type:	Other
Operator Name:	MICHELLE DAVID
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SIRENAS MARINE DISCOVERY LLC (Continued)

1024849596

Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180906
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: SIRENAS LLC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3550 GENERAL ATOMICS CT
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121-1122
Owner/Operator Telephone: 858-909-5685
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MICHELLE DAVID
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3550 GENERAL ATOMICS CT 02/211
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-909-5685
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20150427
Handler Name: SIRENAS MARINE DISCOVERY LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

SIRENAS MARINE DISCOVERY LLC (Continued)

1024849596

List of NAICS Codes and Descriptions:

NAICS Code: 54171
 NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q195
SSE
1/8-1/4
0.239 mi.
1263 ft.

PLEXIUM
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 35 of 113 in cluster Q

CA San Diego Co. HMMD
CA CERS HAZ WASTE
CA HAZNET
CA CERS
CA HWTS

S118233133
N/A

Relative:
Higher
Actual:
318 ft.

HMMD SAN DIEGO:
 Name: LYNX BIOSCIENCES, INC.
 Address: 3210 MERRYFIELD ROW
 City,State,Zip: SAN DIEGO, CA 92121-1126
 Permit Number: Not reported
 Business Type: Not reported
 EPA Id Number: CAL000434630
 APN: Not reported
 Last HMMD Inspection: Not reported
 Facility Telephone: 6087702800
 Permit Status: Permit Renewed
 Permit Expiration: Not reported
 Date Last Updated: 10/08/2022
 Facility Owner: Not reported
 Facility Mailing Address: 3210 Merryfield Row, San Diego, CA 92121
 Facility Mailing City: Not reported
 Facility Mailing State: Not reported
 Facility Mailing Zip: Not reported
 UST Owner: N
 Handle Regulated Hazmat: Not reported
 Own Or Operate UST: Not reported
 Subject To APSA: Not reported
 Generate Haz Waste: Y
 Treat Haz Waste: N
 Generate Medical Waste: Not reported

Waste and Materials:

Record ID: DEH2018-HUPFP-004439
 Permit Status: Permit Renewed
 Active Permit: Y
 Child Record Id: DEH2020-HWAST-0236964
 Trade Secret: N
 Hazardous Material Type: Not reported
 Last Updated: 2021-08-04T02:31:14.000
 Chemical Name: sharps waste
 Common Name: sharps waste
 Case Number: Not reported

Record ID: DEH2018-HUPFP-004439

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

PLEXIUM (Continued)

S118233133

Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0236963
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-04T02:31:14.000
Chemical Name: red bag waste
Common Name: red bag waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0159224
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-07-24T02:30:58.000
Chemical Name: red bag waste
Common Name: red bag waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0159225
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-07-24T02:30:58.000
Chemical Name: sharps waste
Common Name: sharps waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0159226
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-07-24T02:30:58.000
Chemical Name: pharmaceutical liquid waste
Common Name: pharmaceutical liquid waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004439
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0191358
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-07-27T02:45:12.000
Chemical Name: red bag waste
Common Name: red bag waste
Case Number: Not reported

Record ID: DEH2018-HUPFP-004439
Permit Status: Permit Renewed
Active Permit: Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

PLEXIUM (Continued)

S118233133

Child Record Id: DEH2019-HWAST-0191359
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-07-27T02:45:12.000
Chemical Name: sharps waste
Common Name: sharps waste
Case Number: Not reported

Name: JOHNSON & JOHNSON INNOVATION, LLC
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121-1126
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000427976
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: (858) 242-1555
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 08/16/2022
Facility Owner: Not reported
Facility Mailing Address: 3210 MERRYFIELD ROW, SAN DIEGO, CA 92121
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:
Record ID: DEH2017-HUPFP-003649
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-003649
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 6698348
Return To Compliance Date: 2021-06-30T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-09-29T00:32:37.000
Inspection Date: 2021-06-30T09:00:22.000
Violation Code: HMD0152 Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2)

Waste and Materials:
Record ID: DEH2017-HUPFP-003649
Permit Status: Permit Renewed
Active Permit: Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

PLEXIUM (Continued)

S118233133

Child Record Id: DEH2020-HWAST-0241829
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-17T02:34:36.000
Chemical Name: Red Bag Waste
Common Name: Red Bag Waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003649
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0126388
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-10-23T17:48:10.000
Chemical Name: Lab Debris Waste
Common Name: Waste Laboratory Debris, Hazardous
Case Number: Not reported

Record ID: DEH2017-HUPFP-003649
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0126389
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-10-23T17:48:10.000
Chemical Name: Sharps Waste
Common Name: Sharps Waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003649
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0126390
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-10-23T17:48:10.000
Chemical Name: Red Bag Waste
Common Name: Red Bag Waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003649
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0126391
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-10-23T17:48:10.000
Chemical Name: Hazardous Waste Laboratory Liquid
Common Name: Hazardous Waste Laboratory Liquid
Case Number: Not reported

Record ID: DEH2017-HUPFP-003649
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277774
Trade Secret: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

PLEXIUM (Continued)

S118233133

Hazardous Material Type: Not reported
Last Updated: 2021-09-29T00:32:43.000
Chemical Name: Lab Debris Waste Lab Pack Solids
Common Name: Waste Laboratory Debris, Hazardous Lab Pack Solids
Case Number: Not reported

Record ID: DEH2017-HUPFP-003649
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277775
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-29T00:32:43.000
Chemical Name: Sharps Waste
Common Name: Sharps Waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003649
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277776
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-29T00:32:43.000
Chemical Name: Red Bag Waste
Common Name: Red Bag Waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003649
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277777
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-29T00:32:43.000
Chemical Name: Hazardous Waste Laboratory Liquid Lab Pack
Common Name: Hazardous Waste Laboratory Liquid Lab Pack
Case Number: Not reported

Record ID: DEH2017-HUPFP-003649
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277778
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-29T00:32:43.000
Chemical Name: Aqua Clear Waste
Common Name: Aqua Clear Waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003649
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277779
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-29T00:32:43.000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

PLEXIUM (Continued)

S118233133

Chemical Name:	Formamide Waste
Common Name:	Formamide Waste
Case Number:	Not reported
Record ID:	DEH2017-HUPFP-003649
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0277780
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-09-29T00:32:43.000
Chemical Name:	Ethanol Waste
Common Name:	Ethanol Waste
Case Number:	Not reported
Record ID:	DEH2017-HUPFP-003649
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0277781
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-09-29T00:32:43.000
Chemical Name:	Triethylamine Waste
Common Name:	Triethylamine Waste
Case Number:	Not reported
Record ID:	DEH2017-HUPFP-003649
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0241828
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-08-17T02:34:36.000
Chemical Name:	Sharps Waste
Common Name:	Sharps Waste
Case Number:	Not reported
Record ID:	DEH2017-HUPFP-003649
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0241827
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-08-17T02:34:36.000
Chemical Name:	Lab Debris Waste
Common Name:	Waste Laboratory Debris, Hazardous
Case Number:	Not reported
Record ID:	DEH2017-HUPFP-003649
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0241830
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-08-17T02:34:36.000
Chemical Name:	Hazardous Waste Laboratory Liquid
Common Name:	Hazardous Waste Laboratory Liquid

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

PLEXIUM (Continued)

S118233133

Case Number:	Not reported
Record ID:	DEH2017-HUPFP-003649
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0159211
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-07-27T10:25:55.000
Chemical Name:	Red Bag Waste
Common Name:	Red Bag Waste
Case Number:	Not reported
Record ID:	DEH2017-HUPFP-003649
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0159209
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-07-27T10:25:55.000
Chemical Name:	Lab Debris Waste
Common Name:	Waste Laboratory Debris, Hazardous
Case Number:	Not reported
Record ID:	DEH2017-HUPFP-003649
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0159210
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-07-27T10:25:55.000
Chemical Name:	Sharps Waste
Common Name:	Sharps Waste
Case Number:	Not reported
Record ID:	DEH2017-HUPFP-003649
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0159212
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-07-27T10:25:55.000
Chemical Name:	Hazardous Waste Laboratory Liquid
Common Name:	Hazardous Waste Laboratory Liquid
Case Number:	Not reported
Record ID:	DEH2017-HUPFP-003649
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0142160
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-01-30T00:40:48.000
Chemical Name:	Lab Debris Waste
Common Name:	Waste Laboratory Debris, Hazardous
Case Number:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

PLEXIUM (Continued)

S118233133

Record ID: DEH2017-HUPFP-003649
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0142161
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-30T00:40:48.000
Chemical Name: Sharps Waste
Common Name: Sharps Waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003649
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0142162
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-30T00:40:48.000
Chemical Name: Red Bag Waste
Common Name: Red Bag Waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003649
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0142163
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-30T00:40:48.000
Chemical Name: Hazardous Waste Laboratory Liquid
Common Name: Hazardous Waste Laboratory Liquid
Case Number: Not reported

Record ID: DEH2017-HUPFP-003649
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0191688
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-07-23T02:40:03.000
Chemical Name: Lab Debris Waste
Common Name: Waste Laboratory Debris, Hazardous
Case Number: Not reported

Record ID: DEH2017-HUPFP-003649
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0191689
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-07-23T02:40:03.000
Chemical Name: Sharps Waste
Common Name: Sharps Waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003649
Permit Status: Permit Renewed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

PLEXIUM (Continued)

S118233133

Active Permit: Y
Child Record Id: DEH2019-HWAST-0191690
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-07-23T02:40:03.000
Chemical Name: Red Bag Waste
Common Name: Red Bag Waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003649
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0191691
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-07-23T02:40:03.000
Chemical Name: Hazardous Waste Laboratory Liquid
Common Name: Hazardous Waste Laboratory Liquid
Case Number: Not reported

CERS HAZ WASTE:

Name: JOHNSON & JOHNSON INNOVATION, LLC
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 422778
CERS ID: 10153363
CERS Description: Hazardous Waste Generator

Name: LYNX BIOSCIENCES, INC.
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 436584
CERS ID: 10761214
CERS Description: Hazardous Waste Generator

HAZNET:

Name: PLEXIUM
Address: 3210 MERRYFIELD ROW
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Contact: ANDREW MACCONNELL
Telephone: 7032822002
Mailing Name: Not reported
Mailing Address: 3210 MERRYFIELD ROW

Year: 2018
Gepaid: CAC002933466
TSD EPA ID: UTD981552177
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.00250

Year: 2018
Gepaid: CAC002933466
TSD EPA ID: CAD044429835

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PLEXIUM (Continued)

S118233133

CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Tons: 0.00450

Detail Two:

Year: 2018
EM Manifest ID: 75325
Shipment Date: 7/26/2018
Receipt Date: 8/16/2018
Manifest Number: 010915783FLE
Generator EPA ID: CAC002933466
Name: PLEXIUM
Address: 3210 MERRYFIELD ROW
Address 2: Suites 240G (Concept Lab)
City: SAN DIEGO
Zip: 92126
Telephone: 800-483-3718
Contact: Andrew MacConnell
Contact Telephone: 703-282-2002
Transporter 1 EPA ID: MAD039322250
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: CAD044429835
TSDf Name: Clean Harbors Wilmington LLC
TSDf Address 1: 1737 East Denni Street
TSDf Address 2: Not reported
TSDf City: Wilmington
TSDf Zip: 90744
TSDf Telephone: 800-483-3718

Federal:

Year: 2018
EM Manifest ID: 75325
Generator EPA ID: CAC002933466
Shipment Date: 2018-07-26
Manifest Number: 010915783FLE
Line Number: 1
Method Code: H141
Quantity Tons: 0.00450
Quantity Waste: 9.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D001

Year: 2018
EM Manifest ID: 75325
Generator EPA ID: CAC002933466
Shipment Date: 2018-07-26
Manifest Number: 010915783FLE
Line Number: 1
Method Code: H141
Quantity Tons: 0.00450

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

PLEXIUM (Continued)

S118233133

Quantity Waste: 9.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D018

Year: 2018
EM Manifest ID: 75325
Generator EPA ID: CAC002933466
Shipment Date: 2018-07-26
Manifest Number: 010915783FLE
Line Number: 1
Method Code: H141
Quantity Tons: 0.00450
Quantity Waste: 9.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D022

Year: 2018
EM Manifest ID: 75325
Generator EPA ID: CAC002933466
Shipment Date: 2018-07-26
Manifest Number: 010915783FLE
Line Number: 1
Method Code: H141
Quantity Tons: 0.00450
Quantity Waste: 9.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D028

Year: 2018
EM Manifest ID: 75325
Generator EPA ID: CAC002933466
Shipment Date: 2018-07-26
Manifest Number: 010915783FLE
Line Number: 1
Method Code: H141
Quantity Tons: 0.00450
Quantity Waste: 9.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
Federal Code: F002

Year: 2018
EM Manifest ID: 75325
Generator EPA ID: CAC002933466
Shipment Date: 2018-07-26
Manifest Number: 010915783FLE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

PLEXIUM (Continued)

S118233133

Line Number: 1
Method Code: H141
Quantity Tons: 0.00450
Quantity Waste: 9.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
Federal Code: F003

Year: 2018
EM Manifest ID: 75325
Generator EPA ID: CAC002933466
Shipment Date: 2018-07-26
Manifest Number: 010915783FLE
Line Number: 1
Method Code: H141
Quantity Tons: 0.00450
Quantity Waste: 9.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
Federal Code: F005

State:
Year: 2018
EM Manifest ID: 75325
Generator EPA ID: CAC002933466
Shipment Date: 2018-07-26
Manifest Number: 010915783FLE
Line Number: 1
Method Code: H141
Quantity Tons: 0.00450
Quantity Waste: 9.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
State Code: 214

Year: 2018
EM Manifest ID: 79275
Shipment Date: 7/26/2018
Receipt Date: 8/6/2018
Manifest Number: 010915781FLE
Generator EPA ID: CAC002933466
Name: PLEXIUM
Address: 3210 MERRYFIELD ROW
Address 2: Suites 240G (Concept Lab)
City: SAN DIEGO
Zip: 92126
Telephone: 800-483-3718
Contact: Andrew MacConnell
Contact Telephone: 703-282-2002
Transporter 1 EPA ID: MAD039322250

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

PLEXIUM (Continued)

S118233133

Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MOD095038998
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: UTD981552177
TSDF Name: Clean Harbors Aragonite LLC
TSDF Address 1: PO Box 1339
TSDF Address 2: Not reported
TSDF City: Grantsville
TSDF Zip: 84029
TSDF Telephone: 800-483-3718

State:

Year: 2018
EM Manifest ID: 79275
Generator EPA ID: CAC002933466
Shipment Date: 2018-07-26
Manifest Number: 010915781FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.00250
Quantity Waste: 5.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

CERS:

Name: JOHNSON & JOHNSON INNOVATION, LLC
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 422778
CERS ID: 10153363
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 422778
Site Name: JOHNSON & JOHNSON INNOVATION, LLC
Violation Date: 08-12-2008
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 10/06/2008.
Violation Division: San Diego County Department of Env Health
Violation Program: HWLQG
Violation Source: CERS,

Site ID: 422778
Site Name: JOHNSON & JOHNSON INNOVATION, LLC
Violation Date: 06-30-2021
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 06/30/2021. Inspection Sequence ID:6698348;Violation:HMD0152 Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

PLEXIUM (Continued)

S118233133

Violation Division: in CERS. SDCC 68.904(a)(2)
San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-12-2008
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: San Diego CUPA
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-21-2009
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: San Diego County; Determination of RCRA LQG status was based on a download of sites registered as RCRA LQGs on the USEPA website. Military bases in San Diego County registered under a primary EPA number but each command or unit permitted and inspected as a seperate entity b

Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-30-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6698348
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-01-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5984792
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-27-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6944899
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-19-2017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

PLEXIUM (Continued)

S118233133

Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5741465
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Enforcement Action:

Site ID: 422778
Site Name: JOHNSON & JOHNSON INNOVATION, LLC
Site Address: 3210 MERRYFIELD ROW
Site City: SAN DIEGO
Site Zip: 92121
Enf Action Date: 08-12-2008
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Diego County Department of Env Health
Enf Action Program: HWLQG
Enf Action Source: CERS,

Affiliation:

Affiliation Type Desc: Environmental Contact
Entity Name: PAUL ENGLERT
Entity Title: Not reported
Affiliation Address: 3210 MERRYFIELD ROW
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Eric Chiu
Entity Title: Operations Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Johnson & Johnson Innovation, LLC (DBA JLABS)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 242-1555,

Affiliation Type Desc: Property Owner
Entity Name: Janssen Research & Development, LLC
Entity Title: Not reported
Affiliation Address: 3210 MERRYFIELD ROW

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

PLEXIUM (Continued)

S118233133

Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 450-2000,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Eric Chiu
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Johnson & Johnson Innovation, LLC
Entity Title: Not reported
Affiliation Address: 3210 MERRYFIELD ROW
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 242-1555,

Affiliation Type Desc: Parent Corporation
Entity Name: Johnson & Johnson Innovation LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

PLEXIUM (Continued)

S118233133

HWTS:

Name: PHENZYME
Address: 3210 MERRYFIELD ROW
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAR000278069
Inactive Date: 06/30/2020
Create Date: 12/08/2017
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 8616 OCTANS ST
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 92126
Owner Name: PHENZYME
Owner Address: 3210 MERRYFIELD ROW
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 92121
Contact Name: EDWARD CABLE
Contact Address: 3210 MERRYFIELD ROW
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Inactive
Facility Type: PERMANENT
Category: FEDERAL
Latitude: 32.90086292
Longitude: -117.23743174

NAICS:

EPA ID: CAR000278069
Create Date: 2017-12-08 16:11:14.163
NAICS Code: 541713
NAICS Description: Research & Development in Nanotechnology
Issued EPA ID Date: 2017-12-08 16:11:14.16000
Inactive Date: 2020-06-30 00:00:00
Facility Name: PHENZYME
Facility Address: 3210 MERRYFIELD ROW
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 92121

EPA ID: CAR000278069
Create Date: 2017-12-08 16:11:14.163
NAICS Code: 541713
NAICS Description: Research and Development in Nanotechnology
Issued EPA ID Date: 2017-12-08 16:11:14.16000
Inactive Date: 2020-06-30 00:00:00
Facility Name: PHENZYME
Facility Address: 3210 MERRYFIELD ROW
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 92121

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

PLEXIUM (Continued)

S118233133

Name: PLEXIUM
 Address: 3210 MERRYFIELD ROW
 Address 2: Not reported
 City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAC002933466
 Inactive Date: 01/23/2018
 Create Date: 10/23/2017
 Last Act Date: Not reported
 Mailing Name: Not reported
 Mailing Address: 3210 MERRYFIELD ROW
 Mailing Address 2: Not reported
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: PLEXIUM
 Owner Address: 3210 MERRYFIELD ROW
 Owner Address 2: Not reported
 Owner City,State,Zip: SAN DIEGO, CA 92121
 Contact Name: ANDREW MACCONNELL
 Contact Address: 3950 MAHAILA AVE APT H35
 Contact Address 2: Not reported
 City,State,Zip: SAN DIEGO, CA 92122
 Facility Status: Inactive
 Facility Type: TEMPORARY
 Category: STATE
 Latitude: 32.900862
 Longitude: -117.237431

NAICS:

EPA ID: CAC002933466
 Create Date: 2017-10-23 12:37:45.357
 NAICS Code: 325412
 NAICS Description: Pharmaceutical Preparation Manufacturing
 Issued EPA ID Date: 2017-10-23 12:37:45.36000
 Inactive Date: 2018-01-23 03:00:24.68000
 Facility Name: PLEXIUM
 Facility Address: 3210 MERRYFIELD ROW
 Facility Address 2: Not reported
 Facility City: SAN DIEGO
 Facility County: Not reported
 Facility State: CA
 Facility Zip: 92121

Q196
SSE
1/8-1/4
0.239 mi.
1263 ft.

GLOBAL BIO THERAPEUTICS JLABS
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 36 of 113 in cluster Q

RCRA NonGen / NLR 1024861766
CAL000430253

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
 Date Form Received by Agency: 20170825
 Handler Name: GLOBAL BIO THERAPEUTICS JLABS
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000430253
 Contact Name: KEN WILLS
 Contact Address: 3210 MERRYFIELD ROW
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 760-889-0522

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

Database(s)

GLOBAL BIO THERAPEUTICS JLABS (Continued)

1024861766

Contact Fax:		Not reported
Contact Email:		WILLS.KENWILLS@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		3210 MERRYFIELD ROW
Mailing City,State,Zip:		SAN DIEGO, CA 92121
Owner Name:	GUSTAVO CABRERA	
Owner Type:		Other
Operator Name:	KEN WILLS	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GLOBAL BIO THERAPEUTICS JLABS (Continued)

1024861766

Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180907
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: GUSTAVO CABRERA
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: TIHUATLAN 15 INT 102
Owner/Operator City,State,Zip: MEXICO CITY 10400
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KEN WILLIS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 760-889-0522
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20170825
Handler Name: GLOBAL BIO THERAPEUTICS JLABS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

GLOBAL BIO THERAPEUTICS JLABS (Continued)

1024861766

List of NAICS Codes and Descriptions:

NAICS Code: 325412
 NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q197	KORUBIO INC	RCRA NonGen / NLR	1024862237
SSE	3210 MERRYFIELD ROW		CAL000430749
1/8-1/4	SAN DIEGO, CA 92121		
0.239 mi.	Site 37 of 113 in cluster Q		
1263 ft.			

**Relative:
 Higher**

RCRA Listings:

Date Form Received by Agency:	KORUBIO INC	20170915
Handler Name:	KORUBIO INC	
Handler Address:		3210 MERRYFIELD ROW
Handler City,State,Zip:		SAN DIEGO, CA 92121
EPA ID:		CAL000430749
Contact Name:		BRIAN HICKE
Contact Address:		3210 MERRYFIELD ROW
Contact City,State,Zip:		SAN DIEGO, CA 92121
Contact Telephone:		442-888-0792
Contact Fax:		Not reported
Contact Email:		BRIAN.HICKE@KORUBIO.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		4733 S MILLRACE LN
Mailing City,State,Zip:		SALT LAKE CITY, UT 84121
Owner Name:	KORUBIO INC	
Owner Type:		Other
Operator Name:	BRIAN HICKE	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes

**Actual:
 318 ft.**

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

KORUBIO INC (Continued)

1024862237

Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: KORUBIO INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4733 S MILLRACE LN
Owner/Operator City,State,Zip:	SALT LAKE CITY, UT 84107
Owner/Operator Telephone:	801-652-6334
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KORUBIO INC (Continued)

1024862237

Owner/Operator Email: Not reported
Owner/Operator Indicator: Operator
Owner/Operator Name: BRIAN HICKE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 442-888-0792
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20170915
Handler Name: KORUBIO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q198
SSE
1/8-1/4
0.239 mi.
1263 ft.

THESAN PHARMACEUTICALS INC C/O JANSSEN R&D
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 38 of 113 in cluster Q

RCRA NonGen / NLR

1024848391
CAL000403950

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
Date Form Received by Agency: 20150122
Handler Name: THESAN PHARMACEUTICALS INC C/O JANSSEN R&D
Handler Address: 3210 MERRYFIELD ROW
Handler City,State,Zip: SAN DIEGO, CA 92121-1126
EPA ID: CAL000403950
Contact Name: SHAWNA MILLER
Contact Address: 5864 OWENS AVE STE 200
Contact City,State,Zip: CARLSBAD, CA 92008
Contact Telephone: 760-444-0500
Contact Fax: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

Database(s)

THESAN PHARMACEUTICALS INC C/O JANSSEN R&D (Continued)

1024848391

Contact Email:		SHAWNA.MILLER@THESANPHARMA.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		5864 OWENS AVE STE 200
Mailing City,State,Zip:		CARLSBAD, CA 92008-5516
Owner Name:	THESAN PHARMACEUTICALS INC	
Owner Type:		Other
Operator Name:	SHAWNA MILLER	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDs Where RCRA CA has Been Imposed Universe:		No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THESAN PHARMACEUTICALS INC C/O JANSSEN R&D (Continued)

1024848391

Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180906
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: SHAWNA MILLER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5864 OWENS AVE STE 200
Owner/Operator City,State,Zip: CARLSBAD, CA 92008
Owner/Operator Telephone: 760-444-0500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: THESAN PHARMACEUTICALS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5864 OWENS AVE STE 200
Owner/Operator City,State,Zip: CARLSBAD, CA 92008-5516
Owner/Operator Telephone: 760-444-0050
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20150122
Handler Name: THESAN PHARMACEUTICALS INC C/O JANSSEN R&D
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

THESAN PHARMACEUTICALS INC C/O JANSSEN R&D (Continued)

1024848391

List of NAICS Codes and Descriptions:

NAICS Code: 54171
 NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q199
SSE
1/8-1/4
0.239 mi.
1263 ft.

DERMALA INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 39 of 113 in cluster Q

RCRA NonGen / NLR **1024846564**
CAL000400779

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
 Date Form Received by Agency: 20140926
 Handler Name: DERMALA INC
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000400779
 Contact Name: LADA RASOCHOVA
 Contact Address: 2529 VIA PISA
 Contact City,State,Zip: DEL MAR, CA 92014
 Contact Telephone: 858-926-8213
 Contact Fax: Not reported
 Contact Email: RASOCHOVA@DERMALA.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 2529 VIA PISA
 Mailing City,State,Zip: DEL MAR, CA 92014
 Owner Name: DERMALA INC
 Owner Type: Other
 Operator Name: LADA RASOCHOVA
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No

Map ID
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MAP FINDINGS

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DERMALA INC (Continued)

1024846564

Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: DERMALA INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2529 VIA PISA
Owner/Operator City,State,Zip:	DEL MAR, CA 92014
Owner/Operator Telephone:	858-926-8213
Owner/Operator Telephone Ext:	Not reported

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EDR ID Number
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DERMALA INC (Continued)

1024846564

Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

 Owner/Operator Indicator: Operator
 Owner/Operator Name: LADA RASOCHOVA
 Legal Status: Other
 Date Became Current: Not reported
 Date Ended Current: Not reported
 Owner/Operator Address: 2529 VIA PISA
 Owner/Operator City,State,Zip: DEL MAR, CA 92014
 Owner/Operator Telephone: 858-926-8213
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:
 Receive Date: 20140926
 Handler Name: DERMALA INC
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
 NAICS Code: 325412
 NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

Q200
SSE
1/8-1/4
0.239 mi.
1263 ft.

Relative:
Higher

Actual:
318 ft.

JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC
3210 MERRYFIELD RW
SAN DIEGO, CA 92121

Site 40 of 113 in cluster Q

CA AST S106065495
CA San Diego Co. HMMD N/A
CA CERS HAZ WASTE
CA CERS TANKS
CA EMI
CA CERS

AST:
 Name: JANSSEN RESEARCH & DEVELOPMENT, LLC
 Address: 3210 MERRYFIELD RW
 City/Zip: SAN DIEGO,92121
 Certified Unified Program Agencies: Not reported
 Owner: Janssen Research & Development, LLC
 Total Gallons: Not reported
 CERSID: 10388056
 Facility ID: 37-000-138065

Map ID
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MAP FINDINGS

Site

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Business Name: JANSSEN RESEARCH & DEVELOPMENT, LLC
Phone: 858-450-2000
Fax: (858) 450-2012
Mailing Address: 3210 MERRYFIELD RW
Mailing Address City: SAN DIEGO
Mailing Address State: CA
Mailing Address Zip Code: 92121
Operator Name: JANSSEN RESEARCH & DEVELOPMENT LLC
Operator Phone: 858-450-2000
Owner Phone: 858-450-2000
Owner Mail Address: 3210 MERRYFIELDROW
Owner State: CA
Owner Zip Code: 92121
Owner Country: United States
Property Owner Name: Janssen Research & Development, LLC
Property Owner Phone: (858) 450-2000
Property Owner Mailing Address: 3210 MERRYFIELDROW
Property Owner City: SAN DIEGO
Property Owner Stat : CA
Property Owner Zip Code: 92121
Property Owner Country: United States
EPAID: CAR000049841

HMMD SAN DIEGO:

Name: JANSSEN RESEARCH & DEVELOPMENT, LLC
Address: 3210 MERRYFIELD RW
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 138065
Business Type: 6HK67P
EPA Id Number: CAR000049841
APN: 340-200-18-00
Last HMMD Inspection: 03/06/2012
Facility Telephone: 858-450-2000
Permit Status: OPEN
Permit Expiration: 08/31/2013
Date Last Updated: 11/02/2012
Facility Owner: JOHNSON & JOHNSON PHARMACEUT
Facility Mailing Address: 3210 MERRYFIELD RW
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: HYDROGEN: COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: LEAD ACID BATTERIES
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: CHRONIC

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 67-56-1
Name: METHANOL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 74-89-5
Name: METHYLAMINE TOXIC GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: EXTREMELY HAZARDOUS

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: NALCO 1720
Other Information: NALCO 1720 BOILER WATER TREATMENT CHEMICAL
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: NALCO 22350
Other Information: NALCO 22350 BOILER WATER TREATMENT CHEMICAL
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN (GAS)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065

Map ID
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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Update Date: 11/02/2012
Case Number: 10102-44-0
Name: NITROGEN DIOXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN LIQUID
Other Information: LIQUID NITROGEN DEWARS
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN: LIQUID
Other Information: LIQUID NITROGEN TANK
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN: COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: PETROLEUM BASED LUBRICATING OIL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 74-98-6
Name: PROPANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 1310-73-2
Name: SODIUM HYDROXIDE SOLUTION

Map ID
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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Other Information: PH CONTROL
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 1310-73-2
Name: SODIUM HYDROXIDE SOLUTION 1-5%
Other Information: STABREX(R) ST-70
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7446-09-5
Name: SULFUR DIOXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7664-93-9
Name: SULFURIC ACID (>51%)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: EXTREMELY HAZARDOUS

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7664-93-9
Name: SULFURIC ACID 36%
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: CHRONIC

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7664-93-9
Name: SULFURIC ACID, DILUTE (1-5%)
Other Information: 3D TRASAR 3DT-294
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 109-99-9
Name: TETRAHYDROFURAN
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 108-88-3
Name: TOLUENE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 57-13-6
Name: UREA
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 77-92-9
Name: URID DETERGENT (CITRIC ACID)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 121 ALKALINE SOL'N WITH METALS
Other Information: WASTE POTASium HYDROXIDE SOLUTION
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 122 ALKALINE SOL'N W/OUT METALS
Other Information: POTASSIUM HYDROXIDE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information: COOLANT WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Update Date: 11/02/2012
Case Number: 64741-89-5
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: VACUUM PUMP OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 342 ORGANIC LIQUIDS W/METALS*
Other Information: USED OIL FILTER WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Other Information: FLAMMABLE HPLC WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Other Information: MIXED SOLVENT WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: CONTAMINATED SHARP WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: LAB DEBRIS WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)*

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Other Information: SILICA GEL WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 444 USED BATTERIES
Other Information: USED LEAD ACID BATTERIES
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 541 PHOTOCHEM/PHOTOPROC WASTE
Other Information: SILVER FIXER WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: LAB PACK
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: USED OIL FILTER WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 905 INFECTIOUS WASTE, LAB
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 67-64-1
Name: ACETONE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 75-05-8
Name: ACETONITRILE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: MIXTURE
Name: AIR: COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CHRONIC

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON: COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: CARBON DIOXIDE/OXYGEN MIX
Other Information: 5%CO2-95%O GAS MIXTURE
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138065

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Database(s)

JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE: LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7782-50-5
Name: CHLORINE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: MIX
Name: CLOUT DETERGENT
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 75-09-2
Name: DICHLOROMETHANE
Other Information: METHYLENE CHLORIDE
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL FUEL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 124-40-3
Name: DIMETHYLAMINE

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 68-12-2
Name: DIMETHYLFORMAMIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 60-29-7
Name: ETHER
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 141-78-6
Name: ETHYL ACETATE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7440-54-7
Name: HELIUM COMPRESSED
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7647-01-0
Name: HEXANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: HYDRAULIC VEGETABLE OIL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE

Map ID
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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 10035-10-6
Name: HYDROBROMIC ACID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7647-01-0
Name: HYDROCHLORIC ACID (70%)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7647-01-0
Name: HYDROGEN CHLORIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: EXTREMELY HAZARDOUS

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7783-06-4
Name: HYDROGEN SULFIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: EXTREMELY HAZARDOUS

Violations Active Permits:

Permit Number: 138065
Update Date: 11/02/2012
Inspection Date: 08/12/2008
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 138065
Update Date: 11/02/2012
Inspection Date: 08/12/2008
Violation Code: 6HV1018
Violation: INVENTORY INCOMPLETE/NOT AMENDED
Violation Citation: Inventory not amended for 100% increase of hazardous material onsite or inventory is incomplete. 25509, 25510
Activity: ACTIVE

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Name: JANSSEN RESEARCH & DEVELOPMENT, LLC
Address: 3210 MERRYFIELD RW
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 138065
Business Type: 6HK67P
EPA Id Number: CAR000049841
APN: 340-200-18-00
Last HMMD Inspection: 03/06/2012
Facility Telephone: 858-450-2000
Permit Status: OPEN
Permit Expiration: 08/31/2013
Date Last Updated: 11/02/2012
Facility Owner: JOHNSON & JOHNSON PHARMACEUT
Facility Mailing Address: 3210 MERRYFIELD RW
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Y
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: HYDROGEN: COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: LEAD ACID BATTERIES
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: CHRONIC

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 67-56-1
Name: METHANOL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 74-89-5
Name: METHYLAMINE TOXIC GAS
Other Information: Not reported

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: EXTREMELY HAZARDOUS

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: NALCO 1720
Other Information: NALCO 1720 BOILER WATER TREATMENT CHEMICAL
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: NALCO 22350
Other Information: NALCO 22350 BOILER WATER TREATMENT CHEMICAL
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN (GAS)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 10102-44-0
Name: NITROGEN DIOXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN LIQUID
Other Information: LIQUID NITROGEN DEWARS
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN: LIQUID
Other Information: LIQUID NITROGEN TANK
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN: COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: PETROLEUM BASED LUBRICATING OIL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 74-98-6
Name: PROPANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 1310-73-2
Name: SODIUM HYDROXIDE SOLUTION
Other Information: PH CONTROL
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 1310-73-2
Name: SODIUM HYDROXIDE SOLUTION 1-5%
Other Information: STABREX(R) ST-70
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7446-09-5
Name: SULFUR DIOXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7664-93-9

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Name: SULFURIC ACID (>51%)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: EXTREMELY HAZARDOUS

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7664-93-9
Name: SULFURIC ACID 36%
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: CHRONIC

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7664-93-9
Name: SULFURIC ACID, DILUTE (1-5%)
Other Information: 3D TRASAR 3DT-294
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 109-99-9
Name: TETRAHYDROFURAN
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 108-88-3
Name: TOLUENE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 57-13-6
Name: UREA
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 77-92-9
Name: URID DETERGENT (CITRIC ACID)
Other Information: Not reported
Material Waste: Material

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 121 ALKALINE SOL'N WITH METALS
Other Information: WASTE POTASium HYDROXIDE SOLUTION
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 122 ALKALINE SOL'N W/OUT METALS
Other Information: POTASSIUM HYDROXIDE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information: COOLANT WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 64741-89-5
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: VACUUM PUMP OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 342 ORGANIC LIQUIDS W/METALS*
Other Information: USED OIL FILTER WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Other Information: FLAMMABLE HPLC WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

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Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Other Information: MIXED SOLVENT WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: CONTAMINATED SHARP WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: LAB DEBRIS WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)*
Other Information: SILICA GEL WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 444 USED BATTERIES
Other Information: USED LEAD ACID BATTERIES
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 541 PHOTOCHEM/PHOTOPROC WASTE
Other Information: SILVER FIXER WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: LAB PACK
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: USED OIL FILTER WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 905 INFECTIOUS WASTE, LAB
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 67-64-1
Name: ACETONE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 75-05-8
Name: ACETONITRILE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: MIXTURE
Name: AIR: COMPRESSED GAS
Other Information: Not reported
Material Waste: Material

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CHRONIC

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON: COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: CARBON DIOXIDE/OXYGEN MIX
Other Information: 5%CO2-95%O GAS MIXTURE
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE: LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7782-50-5
Name: CHLORINE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Permit Number: 138065
Update Date: 11/02/2012
Case Number: MIX
Name: CLOUT DETERGENT
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 75-09-2
Name: DICHLOROMETHANE
Other Information: METHYLENE CHLORIDE
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL FUEL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 124-40-3
Name: DIMETHYLAMINE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 68-12-2
Name: DIMETHYLFORMAMIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 60-29-7
Name: ETHER
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 141-78-6

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Name: ETHYL ACETATE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7440-54-7
Name: HELIUM COMPRESSED
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7647-01-0
Name: HEXANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: HYDRAULIC VEGETABLE OIL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 10035-10-6
Name: HYDROBROMIC ACID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7647-01-0
Name: HYDROCHLORIC ACID (70%)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7647-01-0
Name: HYDROGEN CHLORIDE GAS
Other Information: Not reported
Material Waste: Material

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: EXTREMELY HAZARDOUS

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7783-06-4
Name: HYDROGEN SULFIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: EXTREMELY HAZARDOUS

Violations Active Permits:

Permit Number: 138065
Update Date: 11/02/2012
Inspection Date: 08/12/2008
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)

Activity: ACTIVE

Permit Number: 138065
Update Date: 11/02/2012
Inspection Date: 08/12/2008
Violation Code: 6HV1018
Violation: INVENTORY INCOMPLETE/NOT AMENDED
Violation Citation: Inventory not amended for 100% increase of hazardous material onsite or inventory is incomplete. 25509, 25510

Activity: ACTIVE

Name: JANSSEN RESEARCH & DEVELOPMENT, LLC
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121-1126
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAR000049841
APN: Not reported
Last HMMMD Inspection: Not reported
Facility Telephone: 858-450-2020
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 10/28/2022
Facility Owner: Not reported
Facility Mailing Address: 3210 MERRYFIELD ROW, SAN DIEGO, CA 92121
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Waste and Materials:

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298083
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Clout Detergent
Common Name: Clout Detergent
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298084
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Hydraulic Vegetable Oil
Common Name: Canola Oil
Case Number: 120962-03-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298085
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Hydrochloric Acid 37%
Common Name: Hydrochloric Acid 37%
Case Number: 7647-01-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298086
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Sodium Hydroxide 20%
Common Name: pH Control
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298087
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Sulfuric Acid 36%
Common Name: Sulfuric Acid in Water
Case Number: 7664-93-9

Record ID: DEH2002-HUPFP-138065

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298088
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Tetrahydrofuran
Common Name: Tetrahydrofuran
Case Number: 109-99-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298089
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Urid Detergent
Common Name: Urid Detergent
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298090
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Sulfuric Acid (93%)
Common Name: Sulfuric Acid
Case Number: 7664-93-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298091
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: 3D TRASAR 3DT-294
Common Name: Sulfuric Acid, Dilute (1-5%)
Case Number: 7664-93-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298092
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: STRABREX(R) ST-70
Common Name: Sodium Hydroxide Solution 1-5%
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Child Record Id: DEH2021-HCHEM-0298093
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: NALCO 1720
Common Name: NALCO 1720 Boiler Water Treatment Chemical
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298094
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: NALCO 22350
Common Name: NALCO 22350
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298095
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Oil, Hydro Light Naph Dist
Common Name: Transformer Oil
Case Number: 64742-53-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298096
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Formaldehyde
Common Name: 10% Buffered Formalin
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298097
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Lead Acid Batteries
Common Name: Lead Acid Batteries
Case Number: NA

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298098
Trade Secret: N

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Hazardous Material Type: Pure
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Carbon Dioxide, Liquid
Common Name: Carbon Dioxide, Liquid
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298099
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Nalco H-550 Microbiocide
Common Name: Nalco H-550 Microbiocide
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298100
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Nalco Tri-Act 1820
Common Name: Nalco Tri-Act 1820
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298101
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Sodium Hypochlorite
Common Name: Bleach
Case Number: 7681-52-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298102
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: CIP 100
Common Name: CIP 100
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298103
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-27T02:37:01.000

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Chemical Name: CIP-200
Common Name: CIP-200
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298104
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Clidox-S Base
Common Name: Clidox-S Base
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298105
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Clidox-S Activator
Common Name: Clidox-S Activator
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298106
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: 2,2-dichloro-1,1,1-trifluoroethane
Common Name: R-123
Case Number: 306-83-2

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298107
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Vacuum Pump Oil
Common Name: Vacuum Pump Oil
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298108
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Acetonitrile with 0.05% Trifluoroacetic Acid
Common Name: Acetonitrile with 0.05% Trifluoroacetic Acid

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Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HCHEM-0298109
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-08-27T02:37:01.000
Chemical Name:	Carbon Dioxide with Neon Gas Cylinder
Common Name:	Carbon Dioxide with Neon Gas Cylinder
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HCHEM-0298110
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-08-27T02:37:01.000
Chemical Name:	NALCO 1720 - Oxygen Scavenger
Common Name:	NALCO 1720 - Oxygen Scavenger
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HCHEM-0298111
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2021-08-27T02:37:01.000
Chemical Name:	Acetic Acid Ethyl Ester
Common Name:	Ethyl Acetate
Case Number:	141-78-6
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HCHEM-0298112
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2021-08-27T02:37:01.000
Chemical Name:	Acetic Acid, Ethyl Ester
Common Name:	Ethyl Acetate
Case Number:	141-78-6
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HCHEM-0298113
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2021-08-27T02:37:01.000
Chemical Name:	Nitrogen, Liquid
Common Name:	Nitrogen, Liquid
Case Number:	7727-37-9

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Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298114
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Sulfur Dioxide
Common Name: Sulfur Dioxide
Case Number: 7446-09-5

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298116
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Argon Compressed
Common Name: Argon Compressed
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298118
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Sodium Chloride
Common Name: Sodium Chloride
Case Number: 7647-14-5

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298119
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298120
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Isopropanol 70%
Common Name: Isopropanol 70%
Case Number: 67-63-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed

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Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298121
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Diesel Fuel No. 2
Common Name: Diesel Fuel No. 2
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298122
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Acetonitrile
Common Name: Acetonitrile
Case Number: 75-05-8

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298123
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Nitrogen Dioxide
Common Name: Nitrogen Dioxide
Case Number: 10102-44-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298124
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Acetone
Common Name: Acetone
Case Number: 67-64-1

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298125
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Methylene Chloride
Common Name: Methylene Chloride
Case Number: 75-09-2

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298126

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Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Helium
Common Name: Helium
Case Number: 7440-59-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298127
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Hydrogen
Common Name: Hydrogen
Case Number: 1333-74-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298128
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Toluene
Common Name: Toluene
Case Number: 108-88-3

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298129
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Diethyl Ether
Common Name: Diethyl Ether
Case Number: 60-29-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298130
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Air
Common Name: Air
Case Number: 132259-10-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298131
Trade Secret: N
Hazardous Material Type: Pure

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Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Hexane
Common Name: Hexane
Case Number: 73513-42-5

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298132
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298133
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Dimethylformamide
Common Name: Dimethylformamide
Case Number: 68-12-2

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298134
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Methanol
Common Name: Methanol
Case Number: 67-56-1

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298135
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Distillates (petroleum), hydrotreated heavy paraffinic
Common Name: Hydrotreated heavy paraffinic petroleum distillates
Case Number: 64742-54-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265980
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Waste Contaminated Sharps

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Common Name:	Waste Contaminated Sharps
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0265981
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-08-27T02:37:01.000
Chemical Name:	Coolant Waste
Common Name:	Coolant Waste
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0265982
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-08-27T02:37:01.000
Chemical Name:	Waste Flammable HPLC Solvents
Common Name:	Waste Flammable HPLC Solvents
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0265983
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-08-27T02:37:01.000
Chemical Name:	Lab Debris Waste
Common Name:	Waste Laboratory Debris, Hazardous
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0265985
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-08-27T02:37:01.000
Chemical Name:	Mixed Solvent Waste
Common Name:	Waste mixed solvents
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0265986
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-08-27T02:37:01.000
Chemical Name:	Waste Oil
Common Name:	Waste Oil
Case Number:	Not reported

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Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265987
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Medical Waste
Common Name: Waste Infectious Solids, Biohazardous Solid Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265988
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Waste Labpack
Common Name: Waste Labpack Chemicals
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265989
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Waste Aerosol Cans
Common Name: Waste Aerosol Cans
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265990
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Waste Dako Autostrainer Wastewater
Common Name: Waste aqueous with phosphates
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265991
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Waste Aqueous chromagen
Common Name: Waste water and phosphate with propylene glycol
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed

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Active Permit: Y
Child Record Id: DEH2021-HWAST-0265992
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Waste Histology Aqueous Dye
Common Name: Waste Histology Aqueous Dye
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265993
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Waste Proprietary Compounds
Common Name: Waste Proprietary Compounds
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265994
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Waste blood or body fluids
Common Name: Waste blood or body fluids
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265995
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Waste liquid or semi-liquid biohazardous laboratory waste
Common Name: Waste liquid or semi-liquid biohazardous laboratory waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265996
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Waste Biohazardous Sharps
Common Name: Waste Biohazardous Sharps
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265997

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Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Waste Pathology/Animal Carcass
Common Name: Waste Pathology/Animal Carcass
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265998
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Waste Halogenated Solvent
Common Name: Waste Halogenated Solvent
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265999
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Waste Corrosive Beads and Cleaner
Common Name: Waste Corrosive Beads and Cleaner
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0266000
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Waste Non-RCRA Liquid (loose pack)
Common Name: Waste Non-RCRA Liquid (loose pack)
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0266001
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Waste Non-RCRA Liquid (bulked)
Common Name: Waste Non-RCRA Liquid (bulked)
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0266002
Trade Secret: N
Hazardous Material Type: Not reported

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Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Waste Trace Chemotherapeutic Solid Waste
Common Name: Waste Trace Chemotherapeutic Solid Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0266003
Trade Secret: N
Hazardous Material Type: Not reported

Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Waste Trace Chemotherapeutic Carcasses
Common Name: Waste Trace Chemotherapeutic Carcasses
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132358
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Argon Compressed
Common Name: Argon Compressed
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254588
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Sulfuric Acid 36%
Common Name: Sulfuric Acid in Water
Case Number: 7664-93-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254595
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: NALCO 22350
Common Name: NALCO 22350
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254635
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Distillates (petroleum), hydrotreated heavy paraffinic

Map ID
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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Common Name: Hydrotreated heavy paraffinic petroleum distillates
Case Number: 64742-54-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0224336
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Waste Labpack
Common Name: Waste Labpack Chemicals
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217443
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Hydraulic Vegetable Oil
Common Name: Canola Oil
Case Number: 120962-03-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217444
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Hydrochloric Acid 37%
Common Name: Hydrochloric Acid 37%
Case Number: 7647-01-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217445
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Sodium Hydroxide 20%
Common Name: pH Control
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217451
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: STRABREX(R) ST-70
Common Name: Sodium Hydroxide Solution 1-5%
Case Number: 1310-73-2

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217452
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: NALCO 1720
Common Name: NALCO 1720 Boiler Water Treatment Chemical
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217453
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: NALCO 22350
Common Name: NALCO 22350
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217456
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Lead Acid Batteries
Common Name: Lead Acid Batteries
Case Number: NA

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217466
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Acetic Acid, Ethyl Ester
Common Name: Ethyl Acetate
Case Number: 141-78-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217467
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Nitrogen, Liquid
Common Name: Nitrogen, Liquid
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217468
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Sulfur Dioxide
Common Name: Sulfur Dioxide
Case Number: 7446-09-5

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217469
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Nitrogen
Common Name: Nitrogen
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217478
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Methylene Chloride
Common Name: Methylene Chloride
Case Number: 75-09-2

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217479
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Helium
Common Name: Helium
Case Number: 7440-59-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217480
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Hydrogen
Common Name: Hydrogen
Case Number: 1333-74-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217481

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Toluene
Common Name: Toluene
Case Number: 108-88-3

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0187633
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Coolant Waste
Common Name: Coolant Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0187634
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Waste Flammable HPLC Solvents
Common Name: Waste Flammable HPLC Solvents
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0187635
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Lab Debris Waste
Common Name: Waste Laboratory Debris, Hazardous
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0187636
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Silica Gel Waste
Common Name: Waste Silica Gel
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313248
Trade Secret: N
Hazardous Material Type: Mixture

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Last Updated: 2021-11-30T01:06:24.000
Chemical Name: 5% CO2 and 95% O Gas Mixture
Common Name: Carbon Dioxide and Oxygen Gas Mixture
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313249
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: 0.5% CO2, 20.5% O2, 79% N2 Gas Mixture
Common Name: Compressed Air Mixture
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313250
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Clout Detergent
Common Name: Clout Detergent
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313251
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Hydraulic Vegetable Oil
Common Name: Canola Oil
Case Number: 120962-03-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313252
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Hydrochloric Acid 37%
Common Name: Hydrochloric Acid 37%
Case Number: 7647-01-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313253
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Sodium Hydroxide 20%

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Common Name: pH Control
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313254
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Sulfuric Acid 36%
Common Name: Sulfuric Acid in Water
Case Number: 7664-93-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313255
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Tetrahydrofuran
Common Name: Tetrahydrofuran
Case Number: 109-99-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313256
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Urid Detergent
Common Name: Urid Detergent
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313257
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Sulfuric Acid (93%)
Common Name: Sulfuric Acid
Case Number: 7664-93-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313258
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: 3D TRASAR 3DT-294
Common Name: Sulfuric Acid, Dilute (1-5%)
Case Number: 7664-93-9

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313259
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: STRABREX(R) ST-70
Common Name: Sodium Hydroxide Solution 1-5%
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313260
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: NALCO 1720
Common Name: NALCO 1720 Boiler Water Treatment Chemical
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313261
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: NALCO 22350
Common Name: NALCO 22350
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313262
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Oil, Hydro Light Naph Dist
Common Name: Transformer Oil
Case Number: 64742-53-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313263
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Formaldehyde
Common Name: 10% Buffered Formalin
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313264
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Lead Acid Batteries
Common Name: Lead Acid Batteries
Case Number: NA

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313265
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Carbon Dioxide, Liquid
Common Name: Carbon Dioxide, Liquid
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313266
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Nalco H-550 Microbiocide
Common Name: Nalco H-550 Microbiocide
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313267
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Nalco Tri-Act 1820
Common Name: Nalco Tri-Act 1820
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313268
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Sodium Hypochlorite
Common Name: Bleach
Case Number: 7681-52-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313269

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: CIP 100
Common Name: CIP 100
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313270
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: CIP-200
Common Name: CIP-200
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313271
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Clidox-S Base
Common Name: Clidox-S Base
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313272
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Clidox-S Activator
Common Name: Clidox-S Activator
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313273
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: 2,2-dichloro-1,1,1-trifluoroethane
Common Name: R-123
Case Number: 306-83-2

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313274
Trade Secret: N
Hazardous Material Type: Pure

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Vacuum Pump Oil
Common Name: Vacuum Pump Oil
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313275
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Acetonitrile with 0.05% Trifluoroacetic Acid
Common Name: Acetonitrile with 0.05% Trifluoroacetic Acid
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313276
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Carbon Dioxide with Neon Gas Cylinder
Common Name: Carbon Dioxide with Neon Gas Cylinder
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313277
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: NALCO 1720 - Oxygen Scavenger
Common Name: NALCO 1720 - Oxygen Scavenger
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313278
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Acetic Acid Ethyl Ester
Common Name: Ethyl Acetate
Case Number: 141-78-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313279
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Acetic Acid, Ethyl Ester

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Common Name: Ethyl Acetate
Case Number: 141-78-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313280
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Nitrogen, Liquid
Common Name: Nitrogen, Liquid
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313281
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Sulfur Dioxide
Common Name: Sulfur Dioxide
Case Number: 7446-09-5

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313282
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Nitrogen
Common Name: Nitrogen
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313283
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Argon Compressed
Common Name: Argon Compressed
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313284
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Carbon Dioxide
Common Name: Carbon Dioxide
Case Number: 124-38-9

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313285
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Sodium Chloride
Common Name: Sodium Chloride
Case Number: 7647-14-5

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313286
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313287
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Isopropanol 70%
Common Name: Isopropanol 70%
Case Number: 67-63-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313288
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Diesel Fuel No. 2
Common Name: Diesel Fuel No. 2
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313289
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Acetonitrile
Common Name: Acetonitrile
Case Number: 75-05-8

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed

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Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313290
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Nitrogen Dioxide
Common Name: Nitrogen Dioxide
Case Number: 10102-44-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313291
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Acetone
Common Name: Acetone
Case Number: 67-64-1

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313292
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Methylene Chloride
Common Name: Methylene Chloride
Case Number: 75-09-2

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313293
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Helium
Common Name: Helium
Case Number: 7440-59-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313294
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Hydrogen
Common Name: Hydrogen
Case Number: 1333-74-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313295

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Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Toluene
Common Name: Toluene
Case Number: 108-88-3

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313296
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Diethyl Ether
Common Name: Diethyl Ether
Case Number: 60-29-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313297
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Air
Common Name: Air
Case Number: 132259-10-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313298
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Hexane
Common Name: Hexane
Case Number: 73513-42-5

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313299
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313300
Trade Secret: N
Hazardous Material Type: Pure

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Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Dimethylformamide
Common Name: Dimethylformamide
Case Number: 68-12-2

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313301
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Methanol
Common Name: Methanol
Case Number: 67-56-1

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313302
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Distillates (petroleum), hydrotreated heavy paraffinic
Common Name: Hydrotreated heavy paraffinic petroleum distillates
Case Number: 64742-54-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0281071
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Waste Contaminated Sharps
Common Name: Waste Contaminated Sharps
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0281072
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Coolant Waste
Common Name: Coolant Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0281073
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Waste Flammable HPLC Solvents

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Common Name:	Waste Flammable HPLC Solvents
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0281074
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-11-30T01:06:24.000
Chemical Name:	Lab Debris Waste
Common Name:	Waste Laboratory Debris, Hazardous
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0281075
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-11-30T01:06:24.000
Chemical Name:	Silica Gel Waste
Common Name:	Waste Silica Gel
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0281076
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-11-30T01:06:24.000
Chemical Name:	Mixed Solvent Waste
Common Name:	Waste mixed solvents
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0281077
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-11-30T01:06:24.000
Chemical Name:	Waste Oil
Common Name:	Waste Oil
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0281078
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-11-30T01:06:24.000
Chemical Name:	Medical Waste
Common Name:	Waste Infectious Solids, Biohazardous Solid Waste
Case Number:	Not reported

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Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0281079
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Waste Labpack
Common Name: Waste Labpack Chemicals
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0281080
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Waste Aerosol Cans
Common Name: Waste Aerosol Cans
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0281081
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Waste Dako Autostrainer Wastewater
Common Name: Waste aqueous with phosphates
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0281082
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Waste Aqueous chromagen
Common Name: Waste water and phosphate with propylene glycol
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0281083
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Waste Histology Aqueous Dye
Common Name: Waste Histology Aqueous Dye
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed

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Active Permit: Y
Child Record Id: DEH2021-HWAST-0281084
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Waste Proprietary Compounds
Common Name: Waste Proprietary Compounds
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0281085
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Waste blood or body fluids
Common Name: Waste blood or body fluids
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0281086
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Waste liquid or semi-liquid biohazardous laboratory waste
Common Name: Waste liquid or semi-liquid biohazardous laboratory waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0281087
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Waste Biohazardous Sharps
Common Name: Waste Biohazardous Sharps
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0281088
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Waste Pathology/Animal Carcass
Common Name: Waste Pathology/Animal Carcass
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0281089

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Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-11-30T01:06:24.000
Chemical Name:	Waste Halogenated Solvent
Common Name:	Waste Halogenated Solvent
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0281090
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-11-30T01:06:24.000
Chemical Name:	Waste Corrosive Beads and Cleaner
Common Name:	Waste Corrosive Beads and Cleaner
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0281091
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-11-30T01:06:24.000
Chemical Name:	Waste Non-RCRA Liquid (loose pack)
Common Name:	Waste Non-RCRA Liquid (loose pack)
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0281092
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-11-30T01:06:24.000
Chemical Name:	Waste Non-RCRA Liquid (bulked)
Common Name:	Waste Non-RCRA Liquid (bulked)
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0281093
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-11-30T01:06:24.000
Chemical Name:	Waste Trace Chemotherapeutic Solid Waste
Common Name:	Waste Trace Chemotherapeutic Solid Waste
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0281094
Trade Secret:	N
Hazardous Material Type:	Not reported

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Last Updated: 2021-11-30T01:06:24.000
Chemical Name: Waste Trace Chemotherapeutic Carcasses
Common Name: Waste Trace Chemotherapeutic Carcasses
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178286
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: 5% CO2 and 95% O Gas Mixture
Common Name: Carbon Dioxide and Oxygen Gas Mixture
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178287
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: 0.5% CO2, 20.5% O2, 79% N2 Gas Mixture
Common Name: Compressed Air Mixture
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178288
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Clout Detergent
Common Name: Clout Detergent
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178289
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Hydraulic Vegetable Oil
Common Name: Canola Oil
Case Number: 120962-03-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178290
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Hydrochloric Acid 37%

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Common Name: Hydrochloric Acid 37%
Case Number: 7647-01-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178291
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Sodium Hydroxide 20%
Common Name: pH Control
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178292
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Sulfuric Acid 36%
Common Name: Sulfuric Acid in Water
Case Number: 7664-93-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178296
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: 3D TRASAR 3DT-294
Common Name: Sulfuric Acid, Dilute (1-5%)
Case Number: 7664-93-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178297
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: STRABREX(R) ST-70
Common Name: Sodium Hydroxide Solution 1-5%
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178298
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: NALCO 1720
Common Name: NALCO 1720 Boiler Water Treatment Chemical
Case Number: Not reported

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Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178299
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: NALCO 22350
Common Name: NALCO 22350
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178300
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Oil, Hydro Light Naph Dist
Common Name: Transformer Oil
Case Number: 64742-53-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178301
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Formaldehyde
Common Name: 10% Buffered Formalin
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178302
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Lead Acid Batteries
Common Name: Lead Acid Batteries
Case Number: NA

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178303
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Acetic Acid, Ethyl Ester
Common Name: Ethyl Acetate
Case Number: 141-78-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed

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Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178304
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Nitrogen, Liquid
Common Name: Nitrogen, Liquid
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178305
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Sulfur Dioxide
Common Name: Sulfur Dioxide
Case Number: 7446-09-5

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178306
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Nitrogen
Common Name: Nitrogen
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178307
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Argon Compressed
Common Name: Argon Compressed
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178308
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Carbon Dioxide
Common Name: Carbon Dioxide
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178309

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S106065495

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178310
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Diesel Fuel No. 2
Common Name: Diesel Fuel No. 2
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178311
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Acetonitrile
Common Name: Acetonitrile
Case Number: 75-05-8

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178312
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Nitrogen Dioxide
Common Name: Nitrogen Dioxide
Case Number: 10102-44-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178313
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Acetone
Common Name: Acetone
Case Number: 67-64-1

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178314
Trade Secret: N
Hazardous Material Type: Pure

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Methylene Chloride
Common Name: Methylene Chloride
Case Number: 75-09-2

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178315
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Carbon Dioxide, Liquid
Common Name: Carbon Dioxide, Liquid
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178316
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Helium
Common Name: Helium
Case Number: 7440-59-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178317
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Hydrogen
Common Name: Hydrogen
Case Number: 1333-74-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178318
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Toluene
Common Name: Toluene
Case Number: 108-88-3

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178319
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Diethyl Ether

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Common Name: Diethyl Ether
Case Number: 60-29-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178320
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Air
Common Name: Air
Case Number: 132259-10-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178321
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Hexane
Common Name: Hexane
Case Number: 73513-42-5

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178322
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178323
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Dimethylformamide
Common Name: Dimethylformamide
Case Number: 68-12-2

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178324
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Methanol
Common Name: Methanol
Case Number: 67-56-1

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Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178325
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Distillates (petroleum), hydrotreated heavy paraffinic
Common Name: Hydrotreated heavy paraffinic petroleum distillates
Case Number: 64742-54-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178326
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Nalco H-550 Microbiocide
Common Name: Nalco H-550 Microbiocide
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178327
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Sodium Chloride
Common Name: Sodium Chloride
Case Number: 7647-14-5

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178328
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Nalco Tri-Act 1820
Common Name: Nalco Tri-Act 1820
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0152856
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-10T00:38:47.000
Chemical Name: Waste Contaminated Sharps
Common Name: Waste Contaminated Sharps
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed

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Active Permit: Y
Child Record Id: DEH2018-HWAST-0152857
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-10T00:38:47.000
Chemical Name: Coolant Waste
Common Name: Coolant Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0152858
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-10T00:38:47.000
Chemical Name: Waste Flammable HPLC Solvents
Common Name: Waste Flammable HPLC Solvents
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0152860
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-10T00:38:47.000
Chemical Name: Silica Gel Waste
Common Name: Waste Silica Gel
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0152861
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-10T00:38:47.000
Chemical Name: Silver Contaminated Waste Water
Common Name: Waste Silver Contaminated Wastewater
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0152862
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-10T00:38:47.000
Chemical Name: Mixed Solvent Waste
Common Name: Waste mixed solvents
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0152864

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-10T00:38:47.000
Chemical Name: Medical Waste
Common Name: Waste Infectious Solids, Biohazardous Solid Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0152865
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-10T00:38:47.000
Chemical Name: Waste Labpack
Common Name: Waste Labpack Chemicals
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0152866
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-10T00:38:47.000
Chemical Name: Waste Radioactive Ethanol
Common Name: Waste Ethanol with S-35
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0152867
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-10T00:38:47.000
Chemical Name: Waste Aerosol Cans
Common Name: Waste Aerosol Cans
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0152868
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-10T00:38:47.000
Chemical Name: Waste Dako Autostrainer Wastewater
Common Name: Waste aqueous with phosphates
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0152869
Trade Secret: N
Hazardous Material Type: Not reported

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Last Updated: 2018-10-10T00:38:47.000
Chemical Name: Waste Aqueous chromagen
Common Name: Waste water and phosphate with propylene glycol
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0152870
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-10T00:38:47.000
Chemical Name: Waste Aqueous Dye
Common Name: Waste Aqueous Dye
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0152873
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-10T00:38:47.000
Chemical Name: Waste blood or body fluids
Common Name: Waste blood or body fluids
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0152874
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-10T00:38:47.000
Chemical Name: Waste liquid or semi-liquid biohazardous laboratory waste
Common Name: Waste liquid or semi-liquid biohazardous laboratory waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0152859
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-10T00:38:47.000
Chemical Name: Lab Debris Waste
Common Name: Waste Laboratory Debris, Hazardous
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201280
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: 5% CO2 and 95% O Gas Mixture

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Common Name: Carbon Dioxide and Oxygen Gas Mixture
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201281
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: 0.5% CO2, 20.5% O2, 79% N2 Gas Mixture
Common Name: Compressed Air Mixture
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201282
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Clout Detergent
Common Name: Clout Detergent
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201283
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Hydraulic Vegetable Oil
Common Name: Canola Oil
Case Number: 120962-03-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201284
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Hydrochloric Acid 37%
Common Name: Hydrochloric Acid 37%
Case Number: 7647-01-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201285
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Sodium Hydroxide 20%
Common Name: pH Control
Case Number: Not reported

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Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201286
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Sulfuric Acid 36%
Common Name: Sulfuric Acid in Water
Case Number: 7664-93-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201287
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Tetrahydrofuran
Common Name: Tetrahydrofuran
Case Number: 109-99-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201288
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Urid Detergent
Common Name: Urid Detergent
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201289
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Sulfuric Acid (93%)
Common Name: Sulfuric Acid
Case Number: 7664-93-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201290
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: 3D TRASAR 3DT-294
Common Name: Sulfuric Acid, Dilute (1-5%)
Case Number: 7664-93-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed

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Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201291
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: STRABREX(R) ST-70
Common Name: Sodium Hydroxide Solution 1-5%
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201292
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: NALCO 1720
Common Name: NALCO 1720 Boiler Water Treatment Chemical
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201293
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: NALCO 22350
Common Name: NALCO 22350
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201294
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Oil, Hydro Light Naph Dist
Common Name: Transformer Oil
Case Number: 64742-53-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201295
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Formaldehyde
Common Name: 10% Buffered Formalin
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201296

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Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Lead Acid Batteries
Common Name: Lead Acid Batteries
Case Number: NA

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201297
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Carbon Dioxide, Liquid
Common Name: Carbon Dioxide, Liquid
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201298
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Nalco H-550 Microbiocide
Common Name: Nalco H-550 Microbiocide
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201299
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Nalco Tri-Act 1820
Common Name: Nalco Tri-Act 1820
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201300
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Acetic Acid, Ethyl Ester
Common Name: Ethyl Acetate
Case Number: 141-78-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201301
Trade Secret: N
Hazardous Material Type: Pure

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Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Nitrogen, Liquid
Common Name: Nitrogen, Liquid
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201302
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Sulfur Dioxide
Common Name: Sulfur Dioxide
Case Number: 7446-09-5

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201303
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Nitrogen
Common Name: Nitrogen
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201304
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Argon Compressed
Common Name: Argon Compressed
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201305
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Carbon Dioxide
Common Name: Carbon Dioxide
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201306
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Sodium Chloride

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Common Name: Sodium Chloride
Case Number: 7647-14-5

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201307
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201308
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Diesel Fuel No. 2
Common Name: Diesel Fuel No. 2
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201309
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Acetonitrile
Common Name: Acetonitrile
Case Number: 75-05-8

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201310
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Nitrogen Dioxide
Common Name: Nitrogen Dioxide
Case Number: 10102-44-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201311
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Acetone
Common Name: Acetone
Case Number: 67-64-1

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Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201312
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Methylene Chloride
Common Name: Methylene Chloride
Case Number: 75-09-2

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201313
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Helium
Common Name: Helium
Case Number: 7440-59-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201314
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Hydrogen
Common Name: Hydrogen
Case Number: 1333-74-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201315
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Toluene
Common Name: Toluene
Case Number: 108-88-3

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201316
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Diethyl Ether
Common Name: Diethyl Ether
Case Number: 60-29-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed

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Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201317
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Air
Common Name: Air
Case Number: 132259-10-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201318
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Hexane
Common Name: Hexane
Case Number: 73513-42-5

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201319
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201320
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Dimethylformamide
Common Name: Dimethylformamide
Case Number: 68-12-2

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201321
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Methanol
Common Name: Methanol
Case Number: 67-56-1

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201322

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Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Distillates (petroleum), hydrotreated heavy paraffinic
Common Name: Hydrotreated heavy paraffinic petroleum distillates
Case Number: 64742-54-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0173467
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Waste Contaminated Sharps
Common Name: Waste Contaminated Sharps
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0173468
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Coolant Waste
Common Name: Coolant Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0173469
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Waste Flammable HPLC Solvents
Common Name: Waste Flammable HPLC Solvents
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0173470
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Lab Debris Waste
Common Name: Waste Laboratory Debris, Hazardous
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0173471
Trade Secret: N
Hazardous Material Type: Not reported

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Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Silica Gel Waste
Common Name: Waste Silica Gel
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0173472
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Silver Contaminated Waste Water
Common Name: Waste Silver Contaminated Wastewater
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0173473
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Mixed Solvent Waste
Common Name: Waste mixed solvents
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0173474
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Waste Oil
Common Name: Waste Oil
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0173475
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Medical Waste
Common Name: Waste Infectious Solids, Biohazardous Solid Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0173476
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Waste Labpack

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Common Name:	Waste Labpack Chemicals
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0173477
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2019-01-28T17:25:59.000
Chemical Name:	Waste Radioactive Ethanol
Common Name:	Waste Ethanol with S-35
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0173478
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2019-01-28T17:25:59.000
Chemical Name:	Waste Aerosol Cans
Common Name:	Waste Aerosol Cans
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0173479
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2019-01-28T17:25:59.000
Chemical Name:	Waste Dako Autostrainer Wastewater
Common Name:	Waste aqueous with phosphates
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0173480
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2019-01-28T17:25:59.000
Chemical Name:	Waste Aqueous chromagen
Common Name:	Waste water and phosphate with propylene glycol
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0173481
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2019-01-28T17:25:59.000
Chemical Name:	Waste Aqueous Dye
Common Name:	Waste Aqueous Dye
Case Number:	Not reported

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Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0173484
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Waste blood or body fluids
Common Name: Waste blood or body fluids
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0173485
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Waste liquid or semi-liquid biohazardous laboratory waste
Common Name: Waste liquid or semi-liquid biohazardous laboratory waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0173486
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Waste Biohazardous Sharps
Common Name: Waste Biohazardous Sharps
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0173487
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-28T17:25:59.000
Chemical Name: Waste Pathology/Animal Carcass
Common Name: Waste Pathology/Animal Carcass
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254582
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: 5% CO2 and 95% O Gas Mixture
Common Name: Carbon Dioxide and Oxygen Gas Mixture
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed

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Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254583
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: 0.5% CO2, 20.5% O2, 79% N2 Gas Mixture
Common Name: Compressed Air Mixture
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254584
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Clout Detergent
Common Name: Clout Detergent
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254585
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Hydraulic Vegetable Oil
Common Name: Canola Oil
Case Number: 120962-03-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254586
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Hydrochloric Acid 37%
Common Name: Hydrochloric Acid 37%
Case Number: 7647-01-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254587
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Sodium Hydroxide 20%
Common Name: pH Control
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254589

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Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Tetrahydrofuran
Common Name: Tetrahydrofuran
Case Number: 109-99-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254590
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Urid Detergent
Common Name: Urid Detergent
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254591
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Sulfuric Acid (93%)
Common Name: Sulfuric Acid
Case Number: 7664-93-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254592
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: 3D TRASAR 3DT-294
Common Name: Sulfuric Acid, Dilute (1-5%)
Case Number: 7664-93-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254593
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: STRABREX(R) ST-70
Common Name: Sodium Hydroxide Solution 1-5%
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254594
Trade Secret: N
Hazardous Material Type: Mixture

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Last Updated: 2020-08-11T02:31:18.000
Chemical Name: NALCO 1720
Common Name: NALCO 1720 Boiler Water Treatment Chemical
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254596
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Oil, Hydro Light Naph Dist
Common Name: Transformer Oil
Case Number: 64742-53-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254597
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Formaldehyde
Common Name: 10% Buffered Formalin
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254598
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Lead Acid Batteries
Common Name: Lead Acid Batteries
Case Number: NA

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254599
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Carbon Dioxide, Liquid
Common Name: Carbon Dioxide, Liquid
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254600
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Nalco H-550 Microbiocide

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Common Name: Nalco H-550 Microbiocide
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254601
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Nalco Tri-Act 1820
Common Name: Nalco Tri-Act 1820
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254602
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Sodium Hypochlorite
Common Name: Bleach
Case Number: 7681-52-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254603
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: CIP 100
Common Name: CIP 100
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254604
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: CIP-200
Common Name: CIP-200
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254605
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Clidox-S Base
Common Name: Clidox-S Base
Case Number: Not reported

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Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254606
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Clidox-S Activator
Common Name: Clidox-S Activator
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254607
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: 2,2-dichloro-1,1,1-trifluoroethane
Common Name: R-123
Case Number: 306-83-2

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254608
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Vacuum Pump Oil
Common Name: Vacuum Pump Oil
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254609
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Acetonitrile with 0.05% Trifluoroacetic Acid
Common Name: Acetonitrile with 0.05% Trifluoroacetic Acid
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254610
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Carbon Dioxide with Neon Gas Cylinder
Common Name: Carbon Dioxide with Neon Gas Cylinder
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed

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Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254611
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Acetic Acid Ethyl Ester
Common Name: Ethyl Acetate
Case Number: 141-78-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254612
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Acetic Acid, Ethyl Ester
Common Name: Ethyl Acetate
Case Number: 141-78-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254613
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Nitrogen, Liquid
Common Name: Nitrogen, Liquid
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254614
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Sulfur Dioxide
Common Name: Sulfur Dioxide
Case Number: 7446-09-5

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254615
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Nitrogen
Common Name: Nitrogen
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254616

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Argon Compressed
Common Name: Argon Compressed
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254617
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Carbon Dioxide
Common Name: Carbon Dioxide
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254618
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Sodium Chloride
Common Name: Sodium Chloride
Case Number: 7647-14-5

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254619
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254620
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Isopropanol 70%
Common Name: Isopropanol 70%
Case Number: 67-63-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254621
Trade Secret: N
Hazardous Material Type: Pure

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Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Diesel Fuel No. 2
Common Name: Diesel Fuel No. 2
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254622
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Acetonitrile
Common Name: Acetonitrile
Case Number: 75-05-8

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254623
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Nitrogen Dioxide
Common Name: Nitrogen Dioxide
Case Number: 10102-44-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254624
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Acetone
Common Name: Acetone
Case Number: 67-64-1

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254625
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Methylene Chloride
Common Name: Methylene Chloride
Case Number: 75-09-2

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254626
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Helium

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Common Name: Helium
Case Number: 7440-59-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254627
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Hydrogen
Common Name: Hydrogen
Case Number: 1333-74-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254628
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Toluene
Common Name: Toluene
Case Number: 108-88-3

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254629
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Diethyl Ether
Common Name: Diethyl Ether
Case Number: 60-29-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254630
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Air
Common Name: Air
Case Number: 132259-10-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254631
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Hexane
Common Name: Hexane
Case Number: 73513-42-5

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Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254632
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254633
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Dimethylformamide
Common Name: Dimethylformamide
Case Number: 68-12-2

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254634
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Methanol
Common Name: Methanol
Case Number: 67-56-1

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0224327
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Waste Contaminated Sharps
Common Name: Waste Contaminated Sharps
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0224328
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Coolant Waste
Common Name: Coolant Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed

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Active Permit: Y
Child Record Id: DEH2020-HWAST-0224329
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Waste Flammable HPLC Solvents
Common Name: Waste Flammable HPLC Solvents
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0224330
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Lab Debris Waste
Common Name: Waste Laboratory Debris, Hazardous
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0224331
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Silica Gel Waste
Common Name: Waste Silica Gel
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0224332
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Silver Contaminated Waste Water
Common Name: Waste Silver Contaminated Wastewater
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0224333
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Mixed Solvent Waste
Common Name: Waste mixed solvents
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0224334

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Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-08-11T02:31:18.000
Chemical Name:	Waste Oil
Common Name:	Waste Oil
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0224335
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-08-11T02:31:18.000
Chemical Name:	Medical Waste
Common Name:	Waste Infectious Solids, Biohazardous Solid Waste
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0224337
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-08-11T02:31:18.000
Chemical Name:	Waste Aerosol Cans
Common Name:	Waste Aerosol Cans
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0224338
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-08-11T02:31:18.000
Chemical Name:	Waste Dako Autostrainer Wastewater
Common Name:	Waste aqueous with phosphates
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0224339
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-08-11T02:31:18.000
Chemical Name:	Waste Aqueous chromagen
Common Name:	Waste water and phosphate with propylene glycol
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0224340
Trade Secret:	N
Hazardous Material Type:	Not reported

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Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Waste Histology Aqueous Dye
Common Name: Waste Histology Aqueous Dye
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0224341
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Waste Proprietary Compounds
Common Name: Waste Proprietary Compounds
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0224342
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Waste blood or body fluids
Common Name: Waste blood or body fluids
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0224343
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Waste liquid or semi-liquid biohazardous laboratory waste
Common Name: Waste liquid or semi-liquid biohazardous laboratory waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0224344
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Waste Biohazardous Sharps
Common Name: Waste Biohazardous Sharps
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0224345
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-11T02:31:18.000
Chemical Name: Waste Pathology/Animal Carcass

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Common Name:	Waste Pathology/Animal Carcass
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0224346
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-08-11T02:31:18.000
Chemical Name:	Waste Halogenated Solvent
Common Name:	Waste Halogenated Solvent
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0224347
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-08-11T02:31:18.000
Chemical Name:	Waste Corrosive Beads and Cleaner
Common Name:	Waste Corrosive Beads and Cleaner
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HCHEM-0298081
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-08-27T02:37:01.000
Chemical Name:	5% CO2 and 95% O Gas Mixture
Common Name:	Carbon Dioxide and Oxygen Gas Mixture
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HCHEM-0298082
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-08-27T02:37:01.000
Chemical Name:	0.5% CO2, 20.5% O2, 79% N2 Gas Mixture
Common Name:	Compressed Air Mixture
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HCHEM-0298115
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2021-08-27T02:37:01.000
Chemical Name:	Nitrogen
Common Name:	Nitrogen
Case Number:	7727-37-9

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Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0298117
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Carbon Dioxide
Common Name: Carbon Dioxide
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0152863
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-10T00:38:47.000
Chemical Name: Waste Oil
Common Name: Waste Oil
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132338
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: 5% CO2 and 95% O Gas Mixture
Common Name: Carbon Dioxide and Oxygen Gas Mixture
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132339
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: 0.5% CO2, 20.5% O2, 79% N2 Gas Mixture
Common Name: Compressed Air Mixture
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132340
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Clout Detergent
Common Name: Clout Detergent
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed

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Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132341
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Hydraulic Vegetable Oil
Common Name: Canola Oil
Case Number: 120962-03-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132342
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Hydrochloric Acid 70%
Common Name: Hydrochloric Acid 70%
Case Number: 7647-01-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132343
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Sodium Hydroxide 20%
Common Name: pH Control
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132344
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Sulfuric Acid 36%
Common Name: Sulfuric Acid in Water
Case Number: 7664-93-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132345
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Tetrahydrofuran
Common Name: Tetrahydrofuran
Case Number: 109-99-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132346

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Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Urid Detergent
Common Name: Urid Detergent
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132347
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Sulfuric Acid (93%)
Common Name: Sulfuric Acid
Case Number: 7664-93-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132348
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: 3D TRASAR 3DT-294
Common Name: Sulfuric Acid, Dilute (1-5%)
Case Number: 7664-93-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132349
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: STRABREX(R) ST-70
Common Name: Sodium Hydroxide Solution 1-5%
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132350
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: NALCO 1720
Common Name: NALCO 1720 Boiler Water Treatment Chemical
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132351
Trade Secret: N
Hazardous Material Type: Mixture

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Last Updated: 2018-01-17T10:39:23.000
Chemical Name: NALCO 22350
Common Name: NALCO 22350
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132352
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Oil, Hydro Light Naph Dist
Common Name: Transformer Oil
Case Number: 64742-53-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132353
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Formaldehyde
Common Name: 10% Buffered Formalin
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132354
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Lead Acid Batteries
Common Name: Lead Acid Batteries
Case Number: NA

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132355
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Acetic Acid, Ethyl Ester
Common Name: Ethyl Acetate
Case Number: 141-78-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132356
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Nitrogen, Liquid

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Common Name: Nitrogen, Liquid
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132357
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Nitrogen
Common Name: Nitrogen
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132359
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Carbon Dioxide
Common Name: Carbon Dioxide
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132360
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132361
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Diesel Fuel No. 2
Common Name: Diesel Fuel No. 2
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132365
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Methylene Chloride
Common Name: Methylene Chloride
Case Number: 75-09-2

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132366
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Carbon Dioxide, Liquid
Common Name: Carbon Dioxide, Liquid
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132367
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Helium
Common Name: Helium
Case Number: 7440-59-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132368
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Hydrogen
Common Name: Hydrogen
Case Number: 1333-74-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132369
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Toluene
Common Name: Toluene
Case Number: 108-88-3

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132370
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Diethyl Ether
Common Name: Diethyl Ether
Case Number: 60-29-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132371
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Air
Common Name: Air
Case Number: 132259-10-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132372
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Hexane
Common Name: Hexane
Case Number: 73513-42-5

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132374
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Dimethylformamide
Common Name: Dimethylformamide
Case Number: 68-12-2

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132375
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Methanol
Common Name: Methanol
Case Number: 67-56-1

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132376
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Distillates (petroleum), hydrotreated heavy paraffinic
Common Name: Hydrotreated heavy paraffinic petroleum distillates
Case Number: 64742-54-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132377

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Sulfur Dioxide
Common Name: Sulfur Dioxide
Case Number: 7446-09-5

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0110742
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Waste Contaminated Sharps
Common Name: Waste Contaminated Sharps
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0110743
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Coolant Waste
Common Name: Coolant Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0110744
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Waste Flammable HPLC Solvents
Common Name: Waste Flammable HPLC Solvents
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0110745
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Lab Debris Waste
Common Name: Waste Laboratory Debris, Hazardous
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0110746
Trade Secret: N
Hazardous Material Type: Not reported

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Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Silica Gel Waste
Common Name: Waste Silica Gel
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0110747
Trade Secret: N
Hazardous Material Type: Not reported

Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Silver Contaminated Waste Water
Common Name: Waste Silver Contaminated Wastewater
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0110748
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Mixed Solvent Waste
Common Name: Waste mixed solvents
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0110749
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Waste Oil
Common Name: Waste Oil
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0110750
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Medical Waste
Common Name: Waste Infectious Solids, Biohazardous Solid Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0110751
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Waste Labpack

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Common Name:	Waste Labpack Chemicals
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0110752
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-01-17T10:39:23.000
Chemical Name:	Waste Radioactive Ethanol
Common Name:	Waste Ethanol with S-35
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0110753
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-01-17T10:39:23.000
Chemical Name:	Waste Aerosol Cans
Common Name:	Waste Aerosol Cans
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0110754
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-01-17T10:39:23.000
Chemical Name:	Waste Dako Autostrainer Wastewater
Common Name:	Waste aqueous with phosphates
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0110755
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-01-17T10:39:23.000
Chemical Name:	Waste Aqueous chromagen
Common Name:	Waste water and phosphate with propylene glycol
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0110756
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-01-17T10:39:23.000
Chemical Name:	Waste Aqueous Dye
Common Name:	Waste Aqueous Dye
Case Number:	Not reported

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Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0110759
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Waste blood or body fluids
Common Name: Waste blood or body fluids
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0110760
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Waste liquid or semi-liquid biohazardous laboratory waste
Common Name: Waste liquid or semi-liquid biohazardous laboratory waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217440
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: 5% CO2 and 95% O Gas Mixture
Common Name: Carbon Dioxide and Oxygen Gas Mixture
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217441
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: 0.5% CO2, 20.5% O2, 79% N2 Gas Mixture
Common Name: Compressed Air Mixture
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217442
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Clout Detergent
Common Name: Clout Detergent
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed

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Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217446
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Sulfuric Acid 36%
Common Name: Sulfuric Acid in Water
Case Number: 7664-93-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217447
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Tetrahydrofuran
Common Name: Tetrahydrofuran
Case Number: 109-99-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217448
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Urid Detergent
Common Name: Urid Detergent
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217449
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Sulfuric Acid (93%)
Common Name: Sulfuric Acid
Case Number: 7664-93-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217450
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: 3D TRASAR 3DT-294
Common Name: Sulfuric Acid, Dilute (1-5%)
Case Number: 7664-93-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217454

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Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Oil, Hydro Light Naph Dist
Common Name: Transformer Oil
Case Number: 64742-53-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217455
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Formaldehyde
Common Name: 10% Buffered Formalin
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217457
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Carbon Dioxide, Liquid
Common Name: Carbon Dioxide, Liquid
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217458
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Nalco H-550 Microbiocide
Common Name: Nalco H-550 Microbiocide
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217459
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Nalco Tri-Act 1820
Common Name: Nalco Tri-Act 1820
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217460
Trade Secret: N
Hazardous Material Type: Mixture

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Sodium Hypochlorite
Common Name: Bleach
Case Number: 7681-52-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217461
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: CIP 100
Common Name: CIP 100
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217462
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: CIP-200
Common Name: CIP-200
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217463
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Clidox-S Base
Common Name: Clidox-S Base
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217464
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Clidox-S Activator
Common Name: Clidox-S Activator
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217465
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: 2,2-dichloro-1,1,1-trifluoroethane

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Common Name: R-123
Case Number: 306-83-2

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217470
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Argon Compressed
Common Name: Argon Compressed
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217471
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Carbon Dioxide
Common Name: Carbon Dioxide
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217472
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Sodium Chloride
Common Name: Sodium Chloride
Case Number: 7647-14-5

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217473
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217474
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Diesel Fuel No. 2
Common Name: Diesel Fuel No. 2
Case Number: 68476-34-6

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Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217475
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Acetonitrile
Common Name: Acetonitrile
Case Number: 75-05-8

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217476
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Nitrogen Dioxide
Common Name: Nitrogen Dioxide
Case Number: 10102-44-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217477
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Acetone
Common Name: Acetone
Case Number: 67-64-1

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217482
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Diethyl Ether
Common Name: Diethyl Ether
Case Number: 60-29-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217483
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Air
Common Name: Air
Case Number: 132259-10-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217484
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Hexane
Common Name: Hexane
Case Number: 73513-42-5

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217485
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217486
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Dimethylformamide
Common Name: Dimethylformamide
Case Number: 68-12-2

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217487
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Methanol
Common Name: Methanol
Case Number: 67-56-1

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217488
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Distillates (petroleum), hydrotreated heavy paraffinic
Common Name: Hydrotreated heavy paraffinic petroleum distillates
Case Number: 64742-54-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0187632

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2019-11-07T01:51:55.000
Chemical Name:	Waste Contaminated Sharps
Common Name:	Waste Contaminated Sharps
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HWAST-0187637
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2019-11-07T01:51:55.000
Chemical Name:	Silver Contaminated Waste Water
Common Name:	Waste Silver Contaminated Wastewater
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HWAST-0187638
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2019-11-07T01:51:55.000
Chemical Name:	Mixed Solvent Waste
Common Name:	Waste mixed solvents
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HWAST-0187639
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2019-11-07T01:51:55.000
Chemical Name:	Waste Oil
Common Name:	Waste Oil
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HWAST-0187640
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2019-11-07T01:51:55.000
Chemical Name:	Medical Waste
Common Name:	Waste Infectious Solids, Biohazardous Solid Waste
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HWAST-0187641
Trade Secret:	N
Hazardous Material Type:	Not reported

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Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Waste Labpack
Common Name: Waste Labpack Chemicals
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0187642
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Waste Radioactive Ethanol
Common Name: Waste Ethanol with S-35
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0187643
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Waste Aerosol Cans
Common Name: Waste Aerosol Cans
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0187644
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Waste Dako Autostrainer Wastewater
Common Name: Waste aqueous with phosphates
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0187645
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Waste Aqueous chromagen
Common Name: Waste water and phosphate with propylene glycol
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0187646
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Waste Aqueous Dye

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Common Name: Waste Aqueous Dye
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0187649
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Waste blood or body fluids
Common Name: Waste blood or body fluids
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0187650
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Waste liquid or semi-liquid biohazardous laboratory waste
Common Name: Waste liquid or semi-liquid biohazardous laboratory waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0187651
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Waste Biohazardous Sharps
Common Name: Waste Biohazardous Sharps
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0187652
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-11-07T01:51:55.000
Chemical Name: Waste Pathology/Animal Carcass
Common Name: Waste Pathology/Animal Carcass
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265984
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-27T02:37:01.000
Chemical Name: Silica Gel Waste
Common Name: Waste Silica Gel
Case Number: Not reported

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Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132362
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Acetonitrile
Common Name: Acetonitrile
Case Number: 75-05-8

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132363
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Nitrogen Dioxide
Common Name: Nitrogen Dioxide
Case Number: 10102-44-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132364
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Acetone
Common Name: Acetone
Case Number: 67-64-1

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0132373
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T10:39:23.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178293
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-10T00:38:42.000
Chemical Name: Tetrahydrofuran
Common Name: Tetrahydrofuran
Case Number: 109-99-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed

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Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0178294
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2018-10-10T00:38:42.000
Chemical Name:	Urid Detergent
Common Name:	Urid Detergent
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0178295
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2018-10-10T00:38:42.000
Chemical Name:	Sulfuric Acid (93%)
Common Name:	Sulfuric Acid
Case Number:	7664-93-9
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0280124
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2020-11-25T01:16:22.000
Chemical Name:	5% CO2 and 95% O Gas Mixture
Common Name:	Carbon Dioxide and Oxygen Gas Mixture
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0280125
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2020-11-25T01:16:22.000
Chemical Name:	0.5% CO2, 20.5% O2, 79% N2 Gas Mixture
Common Name:	Compressed Air Mixture
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0280126
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2020-11-25T01:16:22.000
Chemical Name:	Clout Detergent
Common Name:	Clout Detergent
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0280127

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Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Hydraulic Vegetable Oil
Common Name: Canola Oil
Case Number: 120962-03-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280128
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Hydrochloric Acid 37%
Common Name: Hydrochloric Acid 37%
Case Number: 7647-01-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280129
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Sodium Hydroxide 20%
Common Name: pH Control
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280130
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Sulfuric Acid 36%
Common Name: Sulfuric Acid in Water
Case Number: 7664-93-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280131
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Tetrahydrofuran
Common Name: Tetrahydrofuran
Case Number: 109-99-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280132
Trade Secret: N
Hazardous Material Type: Mixture

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Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Urid Detergent
Common Name: Urid Detergent
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280133
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Sulfuric Acid (93%)
Common Name: Sulfuric Acid
Case Number: 7664-93-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280134
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: 3D TRASAR 3DT-294
Common Name: Sulfuric Acid, Dilute (1-5%)
Case Number: 7664-93-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280135
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: STRABREX(R) ST-70
Common Name: Sodium Hydroxide Solution 1-5%
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280136
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: NALCO 1720
Common Name: NALCO 1720 Boiler Water Treatment Chemical
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280137
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: NALCO 22350

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Common Name: NALCO 22350
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280138
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Oil, Hydro Light Naph Dist
Common Name: Transformer Oil
Case Number: 64742-53-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280139
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Formaldehyde
Common Name: 10% Buffered Formalin
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280140
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Lead Acid Batteries
Common Name: Lead Acid Batteries
Case Number: NA

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280141
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Carbon Dioxide, Liquid
Common Name: Carbon Dioxide, Liquid
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280142
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Nalco H-550 Microbiocide
Common Name: Nalco H-550 Microbiocide
Case Number: Not reported

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Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280143
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Nalco Tri-Act 1820
Common Name: Nalco Tri-Act 1820
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280144
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Sodium Hypochlorite
Common Name: Bleach
Case Number: 7681-52-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280145
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: CIP 100
Common Name: CIP 100
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280146
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: CIP-200
Common Name: CIP-200
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280147
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Clidox-S Base
Common Name: Clidox-S Base
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed

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Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0280148
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2020-11-25T01:16:22.000
Chemical Name:	Clidox-S Activator
Common Name:	Clidox-S Activator
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0280149
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2020-11-25T01:16:22.000
Chemical Name:	2,2-dichloro-1,1,1-trifluoroethane
Common Name:	R-123
Case Number:	306-83-2
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0280150
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2020-11-25T01:16:22.000
Chemical Name:	Vacuum Pump Oil
Common Name:	Vacuum Pump Oil
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0280151
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2020-11-25T01:16:22.000
Chemical Name:	Acetonitrile with 0.05% Trifluoroacetic Acid
Common Name:	Acetonitrile with 0.05% Trifluoroacetic Acid
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0280152
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2020-11-25T01:16:22.000
Chemical Name:	Carbon Dioxide with Neon Gas Cylinder
Common Name:	Carbon Dioxide with Neon Gas Cylinder
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0280153

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Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: NALCO 1720 - Oxygen Scavenger
Common Name: NALCO 1720 - Oxygen Scavenger
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280154
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Acetic Acid Ethyl Ester
Common Name: Ethyl Acetate
Case Number: 141-78-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280155
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Acetic Acid, Ethyl Ester
Common Name: Ethyl Acetate
Case Number: 141-78-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280156
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Nitrogen, Liquid
Common Name: Nitrogen, Liquid
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280157
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Sulfur Dioxide
Common Name: Sulfur Dioxide
Case Number: 7446-09-5

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280158
Trade Secret: N
Hazardous Material Type: Pure

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Nitrogen
Common Name: Nitrogen
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280159
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Argon Compressed
Common Name: Argon Compressed
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280160
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Carbon Dioxide
Common Name: Carbon Dioxide
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280161
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Sodium Chloride
Common Name: Sodium Chloride
Case Number: 7647-14-5

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280162
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280163
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Isopropanol 70%

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Common Name: Isopropanol 70%
Case Number: 67-63-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280164
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Diesel Fuel No. 2
Common Name: Diesel Fuel No. 2
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280165
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Acetonitrile
Common Name: Acetonitrile
Case Number: 75-05-8

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280166
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Nitrogen Dioxide
Common Name: Nitrogen Dioxide
Case Number: 10102-44-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280167
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Acetone
Common Name: Acetone
Case Number: 67-64-1

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280168
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Methylene Chloride
Common Name: Methylene Chloride
Case Number: 75-09-2

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Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280169
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Helium
Common Name: Helium
Case Number: 7440-59-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280170
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Hydrogen
Common Name: Hydrogen
Case Number: 1333-74-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280171
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Toluene
Common Name: Toluene
Case Number: 108-88-3

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280172
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Diethyl Ether
Common Name: Diethyl Ether
Case Number: 60-29-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280173
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Air
Common Name: Air
Case Number: 132259-10-0

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed

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Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280174
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Hexane
Common Name: Hexane
Case Number: 73513-42-5

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280175
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280176
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Dimethylformamide
Common Name: Dimethylformamide
Case Number: 68-12-2

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280177
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Methanol
Common Name: Methanol
Case Number: 67-56-1

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280178
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T01:16:22.000
Chemical Name: Distillates (petroleum), hydrotreated heavy paraffinic
Common Name: Hydrotreated heavy paraffinic petroleum distillates
Case Number: 64742-54-7

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0247793

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Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T01:16:25.000
Chemical Name: Waste Contaminated Sharps
Common Name: Waste Contaminated Sharps
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0247794
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T01:16:25.000
Chemical Name: Coolant Waste
Common Name: Coolant Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0247795
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T01:16:25.000
Chemical Name: Waste Flammable HPLC Solvents
Common Name: Waste Flammable HPLC Solvents
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0247796
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T01:16:25.000
Chemical Name: Lab Debris Waste
Common Name: Waste Laboratory Debris, Hazardous
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0247797
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T01:16:25.000
Chemical Name: Silica Gel Waste
Common Name: Waste Silica Gel
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0247798
Trade Secret: N
Hazardous Material Type: Not reported

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Last Updated: 2020-11-25T01:16:25.000
Chemical Name: Mixed Solvent Waste
Common Name: Waste mixed solvents
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0247799
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T01:16:25.000
Chemical Name: Waste Oil
Common Name: Waste Oil
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0247800
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T01:16:25.000
Chemical Name: Medical Waste
Common Name: Waste Infectious Solids, Biohazardous Solid Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0247801
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T01:16:25.000
Chemical Name: Waste Labpack
Common Name: Waste Labpack Chemicals
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0247802
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T01:16:25.000
Chemical Name: Waste Aerosol Cans
Common Name: Waste Aerosol Cans
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0247803
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T01:16:25.000
Chemical Name: Waste Dako Autostrainer Wastewater

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Common Name:	Waste aqueous with phosphates
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0247804
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-11-25T01:16:25.000
Chemical Name:	Waste Aqueous chromagen
Common Name:	Waste water and phosphate with propylene glycol
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0247805
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-11-25T01:16:25.000
Chemical Name:	Waste Histology Aqueous Dye
Common Name:	Waste Histology Aqueous Dye
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0247806
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-11-25T01:16:25.000
Chemical Name:	Waste Proprietary Compounds
Common Name:	Waste Proprietary Compounds
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0247807
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-11-25T01:16:25.000
Chemical Name:	Waste blood or body fluids
Common Name:	Waste blood or body fluids
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-138065
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0247808
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-11-25T01:16:25.000
Chemical Name:	Waste liquid or semi-liquid biohazardous laboratory waste
Common Name:	Waste liquid or semi-liquid biohazardous laboratory waste
Case Number:	Not reported

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Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0247809
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T01:16:25.000
Chemical Name: Waste Biohazardous Sharps
Common Name: Waste Biohazardous Sharps
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0247810
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T01:16:25.000
Chemical Name: Waste Pathology/Animal Carcass
Common Name: Waste Pathology/Animal Carcass
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0247811
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T01:16:25.000
Chemical Name: Waste Halogenated Solvent
Common Name: Waste Halogenated Solvent
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0247812
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T01:16:25.000
Chemical Name: Waste Corrosive Beads and Cleaner
Common Name: Waste Corrosive Beads and Cleaner
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0247813
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T01:16:25.000
Chemical Name: Waste Non-RCRA Liquid (loose pack)
Common Name: Waste Non-RCRA Liquid (loose pack)
Case Number: Not reported

Record ID: DEH2002-HUPFP-138065
Permit Status: Permit Renewed

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Active Permit: Y
Child Record Id: DEH2020-HWAST-0247814
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T01:16:25.000
Chemical Name: Waste Non-RCRA Liquid (bulked)
Common Name: Waste Non-RCRA Liquid (bulked)
Case Number: Not reported

Name: JANSSEN RESEARCH & DEVELOPMENT, LLC
Address: 3210 MERRYFIELD RW
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 138065
Business Type: 6HK67P
EPA Id Number: CAR000049841
APN: 340-200-18-00
Last HMMD Inspection: 03/06/2012
Facility Telephone: 858-450-2000
Permit Status: OPEN
Permit Expiration: 08/31/2013
Date Last Updated: 11/02/2012
Facility Owner: JOHNSON & JOHNSON PHARMACEUT
Facility Mailing Address: 3210 MERRYFIELD RW
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Y
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: HYDROGEN: COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: LEAD ACID BATTERIES
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: CHRONIC

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 67-56-1
Name: METHANOL

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	138065
Update Date:	11/02/2012
Case Number:	74-89-5
Name:	METHYLAMINE TOXIC GAS
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	EXTREMELY HAZARDOUS
Permit Number:	138065
Update Date:	11/02/2012
Case Number:	Not reported
Name:	NALCO 1720
Other Information:	NALCO 1720 BOILER WATER TREATMENT CHEMICAL
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported
Permit Number:	138065
Update Date:	11/02/2012
Case Number:	Not reported
Name:	NALCO 22350
Other Information:	NALCO 22350 BOILER WATER TREATMENT CHEMICAL
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported
Permit Number:	138065
Update Date:	11/02/2012
Case Number:	7727-37-9
Name:	NITROGEN (GAS)
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	ACUTE
Permit Number:	138065
Update Date:	11/02/2012
Case Number:	10102-44-0
Name:	NITROGEN DIOXIDE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	ACUTE
Permit Number:	138065
Update Date:	11/02/2012
Case Number:	7727-37-9
Name:	NITROGEN LIQUID
Other Information:	LIQUID NITROGEN DEWARS
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE

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Hazardous Categories 2: CRYOGENIC

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN: LIQUID
Other Information: LIQUID NITROGEN TANK
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN: COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: PETROLEUM BASED LUBRICATING OIL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 74-98-6
Name: PROPANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 1310-73-2
Name: SODIUM HYDROXIDE SOLUTION
Other Information: PH CONTROL
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 1310-73-2
Name: SODIUM HYDROXIDE SOLUTION 1-5%
Other Information: STABREX(R) ST-70
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138065

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Update Date: 11/02/2012
Case Number: 7446-09-5
Name: SULFUR DIOXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7664-93-9
Name: SULFURIC ACID (>51%)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: EXTREMELY HAZARDOUS

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7664-93-9
Name: SULFURIC ACID 36%
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: CHRONIC

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7664-93-9
Name: SULFURIC ACID, DILUTE (1-5%)
Other Information: 3D TRASAR 3DT-294
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 109-99-9
Name: TETRAHYDROFURAN
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 108-88-3
Name: TOLUENE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 57-13-6
Name: UREA

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 77-92-9
Name: URID DETERGENT (CITRIC ACID)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 121 ALKALINE SOL'N WITH METALS
Other Information: WASTE POTASIUUM HYDROXIDE SOLUTION
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 122 ALKALINE SOL'N W/OUT METALS
Other Information: POTASSIUUM HYDROXIDE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information: COOLANT WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 64741-89-5
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: VACUUM PUMP OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 342 ORGANIC LIQUIDS W/METALS*
Other Information: USED OIL FILTER WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Other Information: FLAMMABLE HPLC WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Other Information: MIXED SOLVENT WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: CONTAMINATED SHARP WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: LAB DEBRIS WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)*
Other Information: SILICA GEL WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 444 USED BATTERIES
Other Information: USED LEAD ACID BATTERIES
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 541 PHOTOCHEM/PHOTOPROC WASTE
Other Information: SILVER FIXER WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: LAB PACK
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: USED OIL FILTER WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 905 INFECTIOUS WASTE, LAB
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 67-64-1
Name: ACETONE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 75-05-8
Name: ACETONITRILE

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Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: MIXTURE
Name: AIR: COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CHRONIC

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON: COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: CARBON DIOXIDE/OXYGEN MIX
Other Information: 5%CO2-95%O GAS MIXTURE
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE: LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported

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Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7782-50-5
Name: CHLORINE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: MIX
Name: CLOUT DETERGENT
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 75-09-2
Name: DICHLOROMETHANE
Other Information: METHYLENE CHLORIDE
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL FUEL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 124-40-3
Name: DIMETHYLAMINE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 68-12-2
Name: DIMETHYLFORMAMIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065

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Update Date: 11/02/2012
Case Number: 60-29-7
Name: ETHER
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 141-78-6
Name: ETHYL ACETATE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7440-54-7
Name: HELIUM COMPRESSED
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7647-01-0
Name: HEXANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: HYDRAULIC VEGETABLE OIL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 10035-10-6
Name: HYDROBROMIC ACID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7647-01-0
Name: HYDROCHLORIC ACID (70%)

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Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7647-01-0
Name: HYDROGEN CHLORIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: EXTREMELY HAZARDOUS

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7783-06-4
Name: HYDROGEN SULFIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: EXTREMELY HAZARDOUS

Violations Active Permits:

Permit Number: 138065
Update Date: 11/02/2012
Inspection Date: 08/12/2008
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 138065
Update Date: 11/02/2012
Inspection Date: 08/12/2008
Violation Code: 6HV1018
Violation: INVENTORY INCOMPLETE/NOT AMENDED
Violation Citation: Inventory not amended for 100% increase of hazardous material onsite or inventory is incomplete. 25509, 25510
Activity: ACTIVE

Name: JANSSEN RESEARCH & DEVELOPMENT, LLC
Address: 3210 MERRYFIELD RW
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 138065
Business Type: 6HK67P
EPA Id Number: CAR000049841
APN: 340-200-18-00
Last HMMD Inspection: 03/06/2012
Facility Telephone: 858-450-2000
Permit Status: OPEN
Permit Expiration: 08/31/2013
Date Last Updated: 11/02/2012
Facility Owner: JOHNSON & JOHNSON PHARMACEUT

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Facility Mailing Address: 3210 MERRYFIELD RW
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Y
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: HYDROGEN: COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: LEAD ACID BATTERIES
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: CHRONIC

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 67-56-1
Name: METHANOL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 74-89-5
Name: METHYLAMINE TOXIC GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: EXTREMELY HAZARDOUS

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: NALCO 1720
Other Information: NALCO 1720 BOILER WATER TREATMENT CHEMICAL
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: NALCO 22350
Other Information: NALCO 22350 BOILER WATER TREATMENT CHEMICAL
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN (GAS)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 10102-44-0
Name: NITROGEN DIOXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN LIQUID
Other Information: LIQUID NITROGEN DEWARS
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN: LIQUID
Other Information: LIQUID NITROGEN TANK
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN: COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported

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JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

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Name: PETROLEUM BASED LUBRICATING OIL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 74-98-6
Name: PROPANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 1310-73-2
Name: SODIUM HYDROXIDE SOLUTION
Other Information: PH CONTROL
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 1310-73-2
Name: SODIUM HYDROXIDE SOLUTION 1-5%
Other Information: STABREX(R) ST-70
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7446-09-5
Name: SULFUR DIOXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7664-93-9
Name: SULFURIC ACID (>51%)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: EXTREMELY HAZARDOUS

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7664-93-9
Name: SULFURIC ACID 36%
Other Information: Not reported
Material Waste: Material

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Hazardous Categories 1: ACUTE
Hazardous Categories 2: CHRONIC

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7664-93-9
Name: SULFURIC ACID, DILUTE (1-5%)
Other Information: 3D TRASAR 3DT-294
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 109-99-9
Name: TETRAHYDROFURAN
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 108-88-3
Name: TOLUENE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 57-13-6
Name: UREA
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 77-92-9
Name: URID DETERGENT (CITRIC ACID)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 121 ALKALINE SOL'N WITH METALS
Other Information: WASTE POTASIMUM HYDROXIDE SOLUTION
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

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Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 122 ALKALINE SOL'N W/OUT METALS
Other Information: POTASSIUM HYDROXIDE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information: COOLANT WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 64741-89-5
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: VACUUM PUMP OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 342 ORGANIC LIQUIDS W/METALS*
Other Information: USED OIL FILTER WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Other Information: FLAMMABLE HPLC WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Other Information: MIXED SOLVENT WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported

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Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: CONTAMINATED SHARP WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: LAB DEBRIS WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)*
Other Information: SILICA GEL WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 444 USED BATTERIES
Other Information: USED LEAD ACID BATTERIES
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 541 PHOTOCHEM/PHOTOPROC WASTE
Other Information: SILVER FIXER WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: LAB PACK
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: USED OIL FILTER WASTE
Material Waste: Waste

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Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 905 INFECTIOUS WASTE, LAB
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 67-64-1
Name: ACETONE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 75-05-8
Name: ACETONITRILE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: MIXTURE
Name: AIR: COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CHRONIC

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON: COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: CARBON DIOXIDE/OXYGEN MIX
Other Information: 5%CO2-95%O GAS MIXTURE
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE: LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7782-50-5
Name: CHLORINE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: MIX
Name: CLOUT DETERGENT
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 75-09-2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Name: DICHLOROMETHANE
Other Information: METHYLENE CHLORIDE
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL FUEL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 124-40-3
Name: DIMETHYLAMINE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 68-12-2
Name: DIMETHYLFORMAMIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 60-29-7
Name: ETHER
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 141-78-6
Name: ETHYL ACETATE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7440-54-7
Name: HELIUM COMPRESSED
Other Information: Not reported
Material Waste: Material

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7647-01-0
Name: HEXANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: Not reported
Name: HYDRAULIC VEGETABLE OIL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 10035-10-6
Name: HYDROBROMIC ACID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7647-01-0
Name: HYDROCHLORIC ACID (70%)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7647-01-0
Name: HYDROGEN CHLORIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: EXTREMELY HAZARDOUS

Permit Number: 138065
Update Date: 11/02/2012
Case Number: 7783-06-4
Name: HYDROGEN SULFIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: EXTREMELY HAZARDOUS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Violations Active Permits:

Permit Number: 138065
Update Date: 11/02/2012
Inspection Date: 08/12/2008
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 138065
Update Date: 11/02/2012
Inspection Date: 08/12/2008
Violation Code: 6HV1018
Violation: INVENTORY INCOMPLETE/NOT AMENDED
Violation Citation: Inventory not amended for 100% increase of hazardous material onsite or inventory is incomplete. 25509, 25510
Activity: ACTIVE

CERS HAZ WASTE:

Name: JANSSEN RESEARCH & DEVELOPMENT, LLC
Address: 3210 MERRYFIELD RW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 395394
CERS ID: 10388056
CERS Description: Hazardous Waste Generator

Name: JANSSEN RESEARCH & DEVELOPMENT, LLC
Address: 3210 MERRYFIELD RW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 395394
CERS ID: 10388056
CERS Description: RCRA LQ HW Generator

CERS TANKS:

Name: JANSSEN RESEARCH & DEVELOPMENT, LLC
Address: 3210 MERRYFIELD RW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 395394
CERS ID: 10388056
CERS Description: Aboveground Petroleum Storage

EMI:

Name: JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC
Address: 3210 MERRYFIELD RW
City,State,Zip: SAN DIEGO, CA 92121
Year: 2012
County Code: 37
Air Basin: SD
Facility ID: 10595
Air District Name: SD
SIC Code: 2834
Air District Name: SAN DIEGO COUNTY APCD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.23
Reactive Organic Gases Tons/Yr: 0.12
Carbon Monoxide Emissions Tons/Yr: 1.82
NOX - Oxides of Nitrogen Tons/Yr: 0.71
SOX - Oxides of Sulphur Tons/Yr: 0.01
Particulate Matter Tons/Yr: 0.16
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.16

Name: JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC
Address: 3210 MERRYFIELD RW
City,State,Zip: SAN DIEGO, CA 92121
Year: 2013
County Code: 37
Air Basin: SD
Facility ID: 10595
Air District Name: SD
SIC Code: 2834
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.23
Reactive Organic Gases Tons/Yr: 0.12
Carbon Monoxide Emissions Tons/Yr: 1.82
NOX - Oxides of Nitrogen Tons/Yr: 0.71
SOX - Oxides of Sulphur Tons/Yr: 0.01
Particulate Matter Tons/Yr: 0.16
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.16

Name: JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC
Address: 3210 MERRYFIELD RW
City,State,Zip: SAN DIEGO, CA 92121
Year: 2014
County Code: 37
Air Basin: SD
Facility ID: 10595
Air District Name: SD
SIC Code: 2834
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.230894
Reactive Organic Gases Tons/Yr: 0.11079
Carbon Monoxide Emissions Tons/Yr: 1.80844
NOX - Oxides of Nitrogen Tons/Yr: 0.71
SOX - Oxides of Sulphur Tons/Yr: 0.0129454
Particulate Matter Tons/Yr: 0.150692
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.150569

Name: JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC
Address: 3210 MERRYFIELD RW
City,State,Zip: SAN DIEGO, CA 92121
Year: 2015
County Code: 37
Air Basin: SD
Facility ID: 10595

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Air District Name: SD
SIC Code: 2834
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.230894
Reactive Organic Gases Tons/Yr: 0.11079
Carbon Monoxide Emissions Tons/Yr: 1.80844
NOX - Oxides of Nitrogen Tons/Yr: 0.71
SOX - Oxides of Sulphur Tons/Yr: 0.0129454
Particulate Matter Tons/Yr: 0.150692
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.150569

Name: JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC
Address: 3210 MERRYFIELD RW
City,State,Zip: SAN DIEGO, CA 92121
Year: 2016
County Code: 37
Air Basin: SD
Facility ID: 10595
Air District Name: SD
SIC Code: 2834
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.230894
Reactive Organic Gases Tons/Yr: 0.11079
Carbon Monoxide Emissions Tons/Yr: 1.80844
NOX - Oxides of Nitrogen Tons/Yr: 0.71
SOX - Oxides of Sulphur Tons/Yr: 0.0129454
Particulate Matter Tons/Yr: 0.150692
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.150569

Name: JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC
Address: 3210 MERRYFIELD RW
City,State,Zip: SAN DIEGO, CA 92121
Year: 2017
County Code: 37
Air Basin: SD
Facility ID: 10595
Air District Name: SD
SIC Code: 2834
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.230894
Reactive Organic Gases Tons/Yr: 0.11079
Carbon Monoxide Emissions Tons/Yr: 1.80844
NOX - Oxides of Nitrogen Tons/Yr: 0.71
SOX - Oxides of Sulphur Tons/Yr: 0.0129454
Particulate Matter Tons/Yr: 0.150692
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.150569

Name: JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC
Address: 3210 MERRYFIELD RW
City,State,Zip: SAN DIEGO, CA 92121
Year: 2018

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

County Code: 37
Air Basin: SD
Facility ID: 10595
Air District Name: SD
SIC Code: 2834
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.230894
Reactive Organic Gases Tons/Yr: 0.11079
Carbon Monoxide Emissions Tons/Yr: 1.80844
NOX - Oxides of Nitrogen Tons/Yr: 0.71
SOX - Oxides of Sulphur Tons/Yr: 0.0129454
Particulate Matter Tons/Yr: 0.150692
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.150569

Name: JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC
Address: 3210 MERRYFIELD RW
City,State,Zip: SAN DIEGO, CA 92121
Year: 2019
County Code: 37
Air Basin: SD
Facility ID: 10595
Air District Name: SD
SIC Code: 2834
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.230894
Reactive Organic Gases Tons/Yr: 0.11079
Carbon Monoxide Emissions Tons/Yr: 1.80844
NOX - Oxides of Nitrogen Tons/Yr: 0.71
SOX - Oxides of Sulphur Tons/Yr: 0.0129454
Particulate Matter Tons/Yr: 0.150692
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.150569

CERS:

Name: JANSSEN RESEARCH & DEVELOPMENT, LLC
Address: 3210 MERRYFIELD RW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 395394
CERS ID: 10388056
CERS Description: Chemical Storage Facilities

Evaluation:

Eval General Type: Other/Unknown
Eval Date: 07-15-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Manese Michael Inspection ID:5470403
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-17-2017
Violations Found: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5783640
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-17-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5783640
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-20-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5853353
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-29-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Burke Mike Inspection ID:6806221
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-17-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5783640
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-17-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5783640
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-19-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6531929
Eval Division: San Diego County Department of Env Health

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-20-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5853353
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-21-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Manese Michael Inspection ID:4097251
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-21-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Manese Michael Inspection ID:4097251
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-21-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Manese Michael Inspection ID:4097251
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-06-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6288063
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-19-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6531929
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Map ID
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-29-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Burke Mike Inspection ID:6806221
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-21-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Manese Michael Inspection ID:4097251
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-15-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Manese Michael Inspection ID:5470403
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-15-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:6033871
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-20-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5853353
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-20-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5853353
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-29-2021
Violations Found: No

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Eval Type: Routine done by local agency
Eval Notes: Inspector: Burke Mike Inspection ID:6806221
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-16-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5560341
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Environmental Contact
Entity Name: John Sisco
Entity Title: Not reported
Affiliation Address: 3210 MERRYFIELD ROW
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Janssen Research & Development, LLC
Entity Title: Not reported
Affiliation Address: 3210 MERRYFIELD ROW
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 450-2020,

Affiliation Type Desc: Property Owner
Entity Name: Janssen Research & Development, LLC
Entity Title: Not reported
Affiliation Address: 3210 MERRYFIELD ROW
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 450-2020,

Affiliation Type Desc: Document Preparer

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

JOHNSON & JOHNSON PHARMACEUTICAL R&D LLC (Continued)

S106065495

Entity Name: Patrick McQuinn
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: John Sisco
Entity Title: EHS Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Janssen Research & Development, LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3210 MERRYFIELD ROW
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: JANSSEN RESEARCH & DEVELOPMENT LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 450-2020,

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
 EPA ID Number

Q201 **PRIMORDIAL GENETICS LLC** **RCRA NonGen / NLR** **1024838818**
SSE **3210 MERRYFIELD ROW**
1/8-1/4 **SAN DIEGO, CA 92121**
0.239 mi.
1263 ft. **Site 41 of 113 in cluster Q**

Relative:	RCRA Listings:		
Higher	Date Form Received by Agency:		20130611
Actual:	Handler Name:	PRIMORDIAL GENETICS LLC	
318 ft.	Handler Address:		3210 MERRYFIELD ROW
	Handler City,State,Zip:		SAN DIEGO, CA 92121
	EPA ID:		CAL000386151
	Contact Name:		JUSTIN STEGE
	Contact Address:		1155 CAMINO DEL MAR
	Contact City,State,Zip:		DEL MAR, CA 92014
	Contact Telephone:		858-731-6793
	Contact Fax:		858-755-1104
	Contact Email:		JUSTIN@PRIMORDIALGENETICS.COM
	Contact Title:		Not reported
	EPA Region:		09
	Land Type:		Not reported
	Federal Waste Generator Description:		Not a generator, verified
	Non-Notifier:		Not reported
	Biennial Report Cycle:		Not reported
	Accessibility:		Not reported
	Active Site Indicator:		Handler Activities
	State District Owner:		Not reported
	State District:		Not reported
	Mailing Address:		1155 CAMINO DEL MAR
	Mailing City,State,Zip:		DEL MAR, CA 92014
	Owner Name:	PRIMORDIAL GENETICS INC	
	Owner Type:		Other
	Operator Name:	JUSTIN STEGE	
	Operator Type:		Other
	Short-Term Generator Activity:		No
	Importer Activity:		No
	Mixed Waste Generator:		No
	Transporter Activity:		No
	Transfer Facility Activity:		No
	Recycler Activity with Storage:		No
	Small Quantity On-Site Burner Exemption:		No
	Smelting Melting and Refining Furnace Exemption:		No
	Underground Injection Control:		No
	Off-Site Waste Receipt:		No
	Universal Waste Indicator:		Yes
	Universal Waste Destination Facility:		Yes
	Federal Universal Waste:		No
	Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
	Active Site Converter Treatment storage and Disposal Facility:		Not reported
	Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
	Active Site State-Reg Handler:		---
	Federal Facility Indicator:		Not reported
	Hazardous Secondary Material Indicator:		N
	Sub-Part K Indicator:		Not reported
	Commercial TSD Indicator:		No
	Treatment Storage and Disposal Type:		Not reported
	2018 GPRA Permit Baseline:		Not on the Baseline
	2018 GPRA Renewals Baseline:		Not on the Baseline
	Permit Renewals Workload Universe:		Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

PRIMORDIAL GENETICS LLC (Continued)

1024838818

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181120
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: JUSTIN STEGE	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1155 CAMINO DEL MAR
Owner/Operator City,State,Zip:	DEL MAR, CA 92014
Owner/Operator Telephone:	858-731-6793
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: PRIMORDIAL GENETICS INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3550 GENERAL ATOMICS CT.
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	858-731-6793
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

PRIMORDIAL GENETICS LLC (Continued)

1024838818

Historic Generators:

Receive Date:	20130611
Handler Name:	PRIMORDIAL GENETICS LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	54171
NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
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Q202
SSE
1/8-1/4
0.239 mi.
1263 ft.

AIM RX INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 42 of 113 in cluster Q

RCRA NonGen / NLR **1024850305**
CAL000407756

Relative:
Higher
Actual:
318 ft.

RCRA Listings:

Date Form Received by Agency:	20150616
Handler Name:	AIM RX INC
Handler Address:	3210 MERRYFIELD ROW
Handler City,State,Zip:	SAN DIEGO, CA 92121
EPA ID:	CAL000407756
Contact Name:	ELISA INSEL
Contact Address:	800 W EL CAMINO REAL STE 180
Contact City,State,Zip:	MOUNTAIN VIEW, CA 94040
Contact Telephone:	858-299-1062
Contact Fax:	650-396-4450
Contact Email:	EINSEL@EPICENTRX.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	800 W EL CAMINO REAL STE 180
Mailing City,State,Zip:	MOUNTAIN VIEW, CA 94040

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

AIM RX INC (Continued)

1024850305

Owner Name:	AIM RX INC	
Owner Type:		Other
Operator Name:	ELISA INSEL	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20180906
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

AIM RX INC (Continued)

1024850305

Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: ELISA INSEL
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 800 W EL CAMINO REAL STE 180
Owner/Operator City,State,Zip: MOUNTAIN VIEW, CA 94040
Owner/Operator Telephone: 858-299-1062
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: AIM RX INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 800 W EL CAMINO REAL STE 180
Owner/Operator City,State,Zip: MOUNTAIN VIEW, CA 94040
Owner/Operator Telephone: 858-229-1062
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20150616
Handler Name: AIM RX INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

Q203 **JANSSEN ROSEAREN & DEVELOPMENT LLC**
SSE **3210 MERRYFIELD ROW**
1/8-1/4 **OUT OF STATE, CT**
0.239 mi.
1263 ft. **Site 43 of 113 in cluster Q**

CT MANIFEST **S125490629**
N/A

Relative: CT MANIFEST:
Higher Name: JANSSEN ROSEAREN & DEVELOPMENT LLC
Actual: Address: 3210 MERRYFIELD ROW
318 ft. City,State,Zip: OUT OF STATE, CT
Phone: Not reported
Country: Not reported
Manifest ID: Not reported
EPA ID: CAR000049841

Hazardous Waste Manifest:

Year: 2016
Manifest: 009509540FLE
EPA ID: CAR000049841
Generator Mailing Address: Not reported
Generator City,State,Zip: Not reported
Discrepancies: Not reported
Date Shipped: 2016-03-18
Date Received: Not reported
Transporter 2 Date: Not reported
TSD EPA ID: Not reported
TSD Name: Not reported
TSD Address: Not reported
TSD City,State,Zip: Not reported
TSD Country: Not reported
Transporter EPA ID: Not reported
Transporter Name: Not reported
Transporter Address: Not reported
Transporter City,State,Zip: Not reported
Transporter Country: Not reported
Transporter 2 EPA ID: Not reported
Transporter 2 Name: Not reported
Transporter 2 Address: Not reported
Transporter 2 City,State,Zip: Not reported
Transporter 2 Country: Not reported
US DOT Description: Not reported
Number of Containers: Not reported
Container Type: Not reported
Quantity/Weight/Volume: /
Batch Number: Not reported
EPA Waste Codes: - Not reported
Copies: Not reported
Alternate Facility Name: Not reported
Alternate Facility Address: Not reported
Alternate Facility State: Not reported
Alternate Facility Date: Not reported

DEEP Document:

Year: 2016
EPA ID: CAR000049841
Statuory Program: Hazardous Waste
Document Number: 009509540FLE
Document: Hazardous Waste Manifest

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

JANSSEN ROSEAREN & DEVELOPMENT LLC (Continued)

S125490629

File Type: Written Text
 Reference ID: Ref ID: 009509540FLE Alt ID: CAR000049841

[Click Here to view the image from agency website:](#)

Q204 **LOCANA INC** **RCRA NonGen / NLR** **1024862497**
SSE **3210 MERRYFIELD ROW** **CAL000431012**
1/8-1/4 **SAN DIEGO, CA 92121**
0.239 mi.
1263 ft. **Site 44 of 113 in cluster Q**

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
 Date Form Received by Agency: 20200107
 Handler Name: LOCANA INC
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000431012
 Contact Name: ED MARPLES
 Contact Address: 3210 MERRYFIELD ROW
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-266-0465
 Contact Fax: Not reported
 Contact Email: EDMARPLES@LOCANABIO.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Private
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: JOHN HOPKINS CT STE 200
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: LOCANA INC
 Owner Type: Other
 Operator Name: LOCANA INC
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

LOCANA INC (Continued)

1024862497

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200109
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: LOCANA INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3545 JOHN HOPKINS CT STE 200
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	858-285-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: LOCANA INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3545 JOHN HOPKINS CT STE 200

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

LOCANA INC (Continued)

1024862497

Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-285-4000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20200107
Handler Name: LOCANA INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

NAICS Code: 541715
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q205
SSE
1/8-1/4
0.239 mi.
1263 ft.

AMYDIS DIAGNOSTICS
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 45 of 113 in cluster Q

RCRA NonGen / NLR **1024848154**
CAL000403533

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
Date Form Received by Agency: 20150109
Handler Name: AMYDIS DIAGNOSTICS
Handler Address: 3210 MERRYFIELD ROW
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000403533
Contact Name: TONY TIBBETTS
Contact Address: 10210 CAMPUS POINT DT
Contact City,State,Zip: SAN DIEGO, CA 92121
Contact Telephone: 858-518-9940
Contact Fax: Not reported
Contact Email: TONY@AMYDIS.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

AMYDIS DIAGNOSTICS (Continued)

1024848154

Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	10210 CAMPUS POINT DR
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	AMYDIS DIAGNOSTCS
Owner Type:	Other
Operator Name:	TONY TIBBETTS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

AMYDIS DIAGNOSTICS (Continued)

1024848154

Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180906
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: TONY TIBBETTS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10210 CAMPUS POINT DT
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-518-9940
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: AMYDIS DIAGNOSTCS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10210 CAMPUS POINT DR
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 310-926-9930
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20150109
Handler Name: AMYDIS DIAGNOSTICS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

AMYDIS DIAGNOSTICS (Continued)

1024848154

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

Q206 AEQUOR INC RCRA NonGen / NLR 1024858124
SSE 3210 MERRYFIELD ROW CAL000423841
1/8-1/4 SAN DIEGO, CA 92121
0.239 mi.
1263 ft. Site 46 of 113 in cluster Q

Relative: RCRA Listings:
Higher Date Form Received by Agency: 20170104
Actual: Handler Name: AEQUOR INC
318 ft. Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000423841
 Contact Name: CYNTHIA BURZELL
 Contact Address: 3210 MERRYFIELD ROW
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-926-8016
 Contact Fax: Not reported
 Contact Email: CBURZELL@AEQUORINC.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 3210 MERRYFIELD ROW
 Mailing City,State,Zip: SAN DIEGO, CA 92121-0000
 Owner Name: AUQUOR INC
 Owner Type: Other
 Operator Name: CYNTHIA BURZELL
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: Yes
 Universal Waste Destination Facility: Yes
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

AEQUOR INC (Continued)

1024858124

Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDs Where RCRA CA has Been Imposed Universe: No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180907
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: CYNTHIA BURZELL
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-926-8016
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: AUQUOR INC
Legal Status: Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

AEQUOR INC (Continued)

1024858124

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121-0000
Owner/Operator Telephone: 202-210-5920
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20170104
Handler Name: AEQUOR INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q207
SSE
1/8-1/4
0.239 mi.
1263 ft.

OMETA LABS LLC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 47 of 113 in cluster Q

RCRA NonGen / NLR **1024865723**
CAL000434301

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
Date Form Received by Agency: 20180316
Handler Name: OMETA LABS LLC
Handler Address: 3210 MERRYFIELD ROW
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000434301
Contact Name: MINGXUN WANG
Contact Address: 4148 CAMINO ISLAY
Contact City,State,Zip: SAN DIEGO, CA 92122
Contact Telephone: 650-646-4986
Contact Fax: Not reported
Contact Email: MING@OMETALABS.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

OMETA LABS LLC (Continued)

1024865723

Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		4148 CAMINO ISLAY
Mailing City,State,Zip:		SAN DIEGO, CA 92122
Owner Name:	OMETA LABS LLC	
Owner Type:		Other
Operator Name:	MINGXUN WANG	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSD Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

OMETA LABS LLC (Continued)

1024865723

Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180907
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: OMETA LABS LLC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4148 CAMINO ISLAY
Owner/Operator City,State,Zip: SAN DIEGO, CA 92122
Owner/Operator Telephone: 650-646-4986
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MINGXUN WANG
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4148 CAMINO ISLAY
Owner/Operator City,State,Zip: SAN DIEGO, CA 92122
Owner/Operator Telephone: 650-646-4986
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20180316
Handler Name: OMETA LABS LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

OMETA LABS LLC (Continued)

1024865723

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

Q208
SSE
1/8-1/4
0.239 mi.
1263 ft.

DIGITAL PROTEOMICS LLC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 48 of 113 in cluster Q

RCRA NonGen / NLR **1024861213**
CAL000429682

Relative:
Higher
Actual:
318 ft.

RCRA Listings: 20170801
 Date Form Received by Agency: 20170801
 Handler Name: DIGITAL PROTEOMICS LLC
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000429682
 Contact Name: NATALIE CASTELLANA
 Contact Address: 3210 MERRYFIELD ROW
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 619-752-4821
 Contact Fax: 619-374-1360
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 3210 MERRYFIELD ROW
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: PAVEL PEVZNER
 Owner Type: Other
 Operator Name: NATALIE CASTELLANA
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: Yes
 Universal Waste Destination Facility: Yes
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

DIGITAL PROTEOMICS LLC (Continued)

1024861213

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: NATALIE CASTELLANA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3210 MERRYFIELD ROW
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	619-752-4821
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: PAVEL PEVZNER	
Legal Status:	Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

DIGITAL PROTEOMICS LLC (Continued)

1024861213

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 619-752-4821
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20170801
Handler Name: DIGITAL PROTEOMICS LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q209
SSE
1/8-1/4
0.239 mi.
1263 ft.

ISOMMUNE LLC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 49 of 113 in cluster Q

RCRA NonGen / NLR **1024856989**
CAL000421574

Relative:
Higher
Actual:
318 ft.

RCRA Listings:

Date Form Received by Agency: 20161031
Handler Name: ISOMMUNE LLC
Handler Address: 3210 MERRYFIELD ROW
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000421574
Contact Name: ROBERT EVERSMAN
Contact Address: PO BOX 578
Contact City,State,Zip: AVILA BEACH, CA 93424
Contact Telephone: 805-459-2007
Contact Fax: Not reported
Contact Email: REVERSMAN@ISOMMUNE.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

ISOMMUNE LLC (Continued)

1024856989

Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PO BOX 578
Mailing City,State,Zip:		AVILA BEACH, CA 93424
Owner Name:	ISOMMUNE LLC	
Owner Type:		Other
Operator Name:	ROBERT EVERSMAN	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSD Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ISOMMUNE LLC (Continued)

1024856989

Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180907
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: ROBERT EVERSMAN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 578
Owner/Operator City,State,Zip: AVILA BEACH, CA 93424
Owner/Operator Telephone: 805-459-2007
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ISOMMUNE LLC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 340 OCEAN OAKS DRIVE
Owner/Operator City,State,Zip: AVILA BEACH, CA 93424
Owner/Operator Telephone: 805-709-4236
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20161031
Handler Name: ISOMMUNE LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

ISOMMUNE LLC (Continued)

1024856989

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

Q210 **SIENNA LABS DBA SIENNA LABS INC** **RCRA NonGen / NLR** **1024838779**
SSE **3210 MERRYFIELD ROW**
1/8-1/4 **SAN DIEGO, CA 92121**
0.239 mi.
1263 ft. **Site 50 of 113 in cluster Q**

Relative: RCRA Listings:
Higher Date Form Received by Agency: 20130607
Actual: Handler Name: SIENNA LABS DBA SIENNA LABS INC
318 ft. Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000386075
 Contact Name: KATE MARTINSON
 Contact Address: 30699 RUSSELL RANCH ROAD, SUITE 140
 Contact City,State,Zip: WESTLAKE VILLAGE, CA 91362
 Contact Telephone: 818-338-6712
 Contact Fax: Not reported
 Contact Email: KMARTINSON@SIENNABIO.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 30699 RUSSELL RANCH ROAD, SUITE 140
 Mailing City,State,Zip: WESTLAKE VILLAGE, CA 91362-0000
 Owner Name: SIENNA LABS INC
 Owner Type: Other
 Operator Name: KATE MARTINSON
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: Yes
 Universal Waste Destination Facility: Yes
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SIENNA LABS DBA SIENNA LABS INC (Continued)

1024838779

Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDs Where RCRA CA has Been Imposed Universe: No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180906
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: SIENNA LABS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 30699 RUSSELL RANCH ROAD, SUITE 140
Owner/Operator City,State,Zip: WESTLAKE VILLAGE, CA 91362
Owner/Operator Telephone: 818-338-6712
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KATE MARTINSON
Legal Status: Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

SIENNA LABS DBA SIENNA LABS INC (Continued)

1024838779

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 30699 RUSSELL RANCH ROAD, SUITE 140
Owner/Operator City,State,Zip: WESTLAKE VILLAGE, CA 91362
Owner/Operator Telephone: 818-338-6712
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20130607
Handler Name: SIENNA LABS DBA SIENNA LABS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 334517
NAICS Description: IRRADIATION APPARATUS MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q211
SSE
1/8-1/4
0.239 mi.
1263 ft.

PHENZYME
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 51 of 113 in cluster Q

RCRA-SQG 1023967003
CAR000278069

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
Date Form Received by Agency: 20171206
Handler Name: PHENZYME
Handler Address: 3210 MERRYFIELD ROW
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAR000278069
Contact Name: EDWARD CABLE
Contact Address: MERRYFIELD ROW
Contact City,State,Zip: SAN DIEGO, CA 92121
Contact Telephone: 858-683-3246
Contact Fax: Not reported
Contact Email: ECABLE@PHENZY.ME
Contact Title: CEO
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Small Quantity Generator

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PHENZYME (Continued)

1023967003

Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		OCTANS ST
Mailing City,State,Zip:		SAN DIEGO, CA 92126
Owner Name:	PHENZYME	
Owner Type:		Private
Operator Name:	PHENZYME	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSD Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

PHENZYME (Continued)

1023967003

Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20171208
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: LABP
Waste Description: LAB PACK

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: PHENZYME
Legal Status: Private
Date Became Current: 20171205
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PHENZYME
Legal Status: Private
Date Became Current: 20171205
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20171206
Handler Name: PHENZYME
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

PHENZYME (Continued)

1023967003

List of NAICS Codes and Descriptions:

NAICS Code: 541714
 NAICS Description: RESEARCH AND DEVELOPMENT IN BIOTECHNOLOGY (EXCEPT NANOBIO TECHNOLOGY)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q212 **DTX PHARMA INC** **RCRA NonGen / NLR** **1024861564**
SSE **3210 MERRYFIELD ROW** **CAL000430045**
1/8-1/4 **SAN DIEGO, CA 92121**
0.239 mi.
1263 ft. **Site 52 of 113 in cluster Q**

**Relative:
 Higher**

RCRA Listings:

Date Form Received by Agency: 20220307
 Handler Name: DTX PHARMA INC
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000430045
 Contact Name: CHARLES ALLERSON
 Contact Address: SORRENTO VALLEY RD
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-353-4894
 Contact Fax: Not reported
 Contact Email: CALLERSON@DTXPHARMA.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: SORRENTO VALLEY RD
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: DTX PHARMA INC
 Owner Type: Other
 Operator Name: DTX PHARMA INC
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No

**Actual:
 318 ft.**

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

DTX PHARMA INC (Continued)

1024861564

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220309
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: ARTHUR T SUCKOW	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3210 MERRYFIELD ROW
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121-0000
Owner/Operator Telephone:	732-690-2035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

DTX PHARMA INC (Continued)

1024861564

Owner/Operator Email: Not reported
Owner/Operator Indicator: Owner
Owner/Operator Name: DTX PHARMA INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10665 SORRENTO VALLEY RD
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-353-4894
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DTX PHARMA INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10665 SORRENTO VALLEY RD
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-353-4894
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ARTHUR SUCKOW
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 732-690-2035
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20220307
Handler Name: DTX PHARMA INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20170814
Handler Name: DTX PHARMA
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

DTX PHARMA INC (Continued)

1024861564

Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: No
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
 NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q213
SSE
1/8-1/4
0.239 mi.
1263 ft.

XYCROBE THERAPEUTICS
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 53 of 113 in cluster Q

RCRA NonGen / NLR **1024845685**
CAL000398943

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
 Date Form Received by Agency: 20140717
 Handler Name: XYCROBE THERAPEUTICS
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000398943
 Contact Name: THOMAS HITCHCOCK
 Contact Address: 3210 MERRYFIELD ROW
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 646-584-0476
 Contact Fax: Not reported
 Contact Email: TMHPHD@YAHOO.COMJ.KIM@XYCROBE.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 3210 MERRYFIELD ROW
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: THOMAS HITCHCOCK
 Owner Type: Other
 Operator Name: THOMAS HITCHCOCK
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

XYCROBE THERAPEUTICS (Continued)

1024845685

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:
 Owner/Operator Indicator: Operator
 Owner/Operator Name: THOMAS HITCHCOCK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

XYCROBE THERAPEUTICS (Continued)

1024845685

Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City, State, Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 646-584-0476
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: THOMAS HITCHCOCK
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City, State, Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 646-584-0476
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20140717
Handler Name: XYCROBE THERAPEUTICS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

Q214 **BIOLUM SCIENCES LLC** **RCRA NonGen / NLR** **1026055854**
SSE **3210 MERRYFIELD ROW** **EPA ID Number**
1/8-1/4 **SAN DIEGO, CA 92121** **CAL000452040**
0.239 mi.
1263 ft. **Site 54 of 113 in cluster Q**

**Relative:
 Higher**

RCRA Listings:
 Date Form Received by Agency: 20200122
 Handler Name: BIOLUM SCIENCES LLC
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000452040
 Contact Name: JACK REYNOLDS
 Contact Address: 1408 CLEBURNE ST
 Contact City,State,Zip: HOUSTON, TX 77004
 Contact Telephone: 720-985-3131
 Contact Fax: Not reported
 Contact Email: JPREYNOLDS@BIOLUMSCIENCES.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 5555 E MOCKINGBIRD LN APT 4610
 Mailing City,State,Zip: DALLAS, TX 75206
 Owner Name: JACK REYNOLDS
 Owner Type: Other
 Operator Name: JACK REYNOLDS
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPRA Permit Baseline: Not on the Baseline
 2018 GPRA Renewals Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not reported

**Actual:
 318 ft.**

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

BIOLUM SCIENCES LLC (Continued)

1026055854

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200210
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JACK REYNOLDS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1408 CLEBURNE ST
Owner/Operator City,State,Zip:	HOUSTON, TX 77004
Owner/Operator Telephone:	720-985-3131
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JACK REYNOLDS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1408 CLEBURNE ST
Owner/Operator City,State,Zip:	HOUSTON, TX 77004
Owner/Operator Telephone:	720-985-3131
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

BIOLUM SCIENCES LLC (Continued)

1026055854

Historic Generators:

Receive Date:	20200122
Handler Name:	BIOLUM SCIENCES LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	541715
NAICS Description:	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
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Q215
SSE
1/8-1/4
0.239 mi.
1263 ft.

CYTONUS THERAPEUTICS INC
3210 MERRYFIELD ROW LAB 2513-2
SAN DIEGO, CA 92121
Site 55 of 113 in cluster Q

RCRA NonGen / NLR **1026491962**
CAL000456730

Relative:
Higher
Actual:
318 ft.

RCRA Listings:

Date Form Received by Agency:	20200914
Handler Name:	CYTONUS THERAPEUTICS INC
Handler Address:	3210 MERRYFIELD ROW LAB 2513-2
Handler City,State,Zip:	SAN DIEGO, CA 92121
EPA ID:	CAL000456730
Contact Name:	YUVAL ZUR
Contact Address:	3210 MERRYFIELD ROW STE 5806
Contact City,State,Zip:	SAN DIEGO, CA 92121
Contact Telephone:	760-650-5875
Contact Fax:	888-977-3470
Contact Email:	YZUR@CYTONUS.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3210 MERRYFIELD ROW STE 5806
Mailing City,State,Zip:	SAN DIEGO, CA 92121

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

CYTONUS THERAPEUTICS INC (Continued)

1026491962

Owner Name:	CYTONUS THERAPEUTICS INC	
Owner Type:		Other
Operator Name:	YUVAL ZUR	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20200920
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CYTONUS THERAPEUTICS INC (Continued)

1026491962

Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: CYTONUS THERAPEUTICS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 111 E DESHLER AVE
Owner/Operator City,State,Zip: COLUMBUS, OH 43206
Owner/Operator Telephone: 631-258-4070
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: YUVAL ZUR
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW STE 5806
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 760-650-5875
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20200914
Handler Name: CYTONUS THERAPEUTICS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

Q216 **SCALE BIOSCIENCES INC** **RCRA NonGen / NLR** **1026493060**
SSE **3210 MERRYFIELD ROW STE 2513-5 BENCH SPACE A** **CAL000457863**
1/8-1/4 **SAN DIEGO, CA 92121**
0.239 mi.
1263 ft. **Site 56 of 113 in cluster Q**

Relative: Higher	RCRA Listings:		
	Date Form Received by Agency:		20201030
Actual: 318 ft.	Handler Name:	SCALE BIOSCIENCES INC	
	Handler Address:		3210 MERRYFIELD ROW STE 2513-5 BENCH SPACE A
	Handler City,State,Zip:		SAN DIEGO, CA 92121
	EPA ID:		CAL000457863
	Contact Name:		FRANK STEEMERS
	Contact Address:		3210 MERRYFIELD ROW
	Contact City,State,Zip:		SAN DIEGO, CA 92121
	Contact Telephone:		760-815-5656
	Contact Fax:		Not reported
	Contact Email:		FRANK@SCALE.BIO
	Contact Title:		Not reported
	EPA Region:		09
	Land Type:		Not reported
	Federal Waste Generator Description:		Not a generator, verified
	Non-Notifier:		Not reported
	Biennial Report Cycle:		Not reported
	Accessibility:		Not reported
	Active Site Indicator:		Not reported
	State District Owner:		Not reported
	State District:		Not reported
	Mailing Address:		3210 MERRYFIELD ROW
	Mailing City,State,Zip:		SAN DIEGO, CA 92121
	Owner Name:	SCALE BIOSCIENCES INC	
	Owner Type:		Other
	Operator Name:	FRANK STEEMERS	
	Operator Type:		Other
	Short-Term Generator Activity:		No
	Importer Activity:		No
	Mixed Waste Generator:		No
	Transporter Activity:		No
	Transfer Facility Activity:		No
	Recycler Activity with Storage:		No
	Small Quantity On-Site Burner Exemption:		No
	Smelting Melting and Refining Furnace Exemption:		No
	Underground Injection Control:		No
	Off-Site Waste Receipt:		No
	Universal Waste Indicator:		No
	Universal Waste Destination Facility:		No
	Federal Universal Waste:		No
	Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
	Active Site Converter Treatment storage and Disposal Facility:		Not reported
	Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
	Active Site State-Reg Handler:		---
	Federal Facility Indicator:		Not reported
	Hazardous Secondary Material Indicator:		N
	Sub-Part K Indicator:		Not reported
	Commercial TSD Indicator:		No
	Treatment Storage and Disposal Type:		Not reported
	2018 GPRA Permit Baseline:		Not on the Baseline
	2018 GPRA Renewals Baseline:		Not on the Baseline
	Permit Renewals Workload Universe:		Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SCALE BIOSCIENCES INC (Continued)

1026493060

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20201106
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: SCALE BIOSCIENCES INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 760-815-5656
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: FRANK STEEMERS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 760-815-5656
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SCALE BIOSCIENCES INC (Continued)

1026493060

Historic Generators:

Receive Date: 20201030
Handler Name: SCALE BIOSCIENCES INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q217
SSE
1/8-1/4
0.239 mi.
1263 ft.

NAVEGA THERAPEUTICS INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 57 of 113 in cluster Q

RCRA NonGen / NLR **1024870872**
CAL000439514

Relative:
Higher
Actual:
318 ft.

RCRA Listings:

Date Form Received by Agency: 20180928
Handler Name: NAVEGA THERAPEUTICS INC
Handler Address: 3210 MERRYFIELD ROW
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000439514
Contact Name: ANA MORENO
Contact Address: 3210 MERRYFIELD ROW
Contact City,State,Zip: SAN DIEGO, CA 92121
Contact Telephone: 928-750-1629
Contact Fax: Not reported
Contact Email: AMORENO@NAVEGATX.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 3210 MERRYFIELD ROW
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: ANA MORENO

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

NAVEGA THERAPEUTICS INC (Continued)

1024870872

Owner Type:		Other
Operator Name:	ANA MORENO	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSD Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20181001
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

NAVEGA THERAPEUTICS INC (Continued)

1024870872

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: ANA MORENO
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 928-750-1629
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ANA MORENO
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 928-750-1629
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20180928
Handler Name: NAVEGA THERAPEUTICS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
 EPA ID Number

Q218 **JANSSEN RESEARCH & DEVELOPMENT LLC** **RCRA-LQG** **1001481061**
SSE **3210 MERRYFIELD ROW** **FINDS** **CAR000049841**
1/8-1/4 **SAN DIEGO, CA 92121** **ECHO**
0.239 mi.
1263 ft. **Site 58 of 113 in cluster Q**

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
 Date Form Received by Agency: 20220228
 Handler Name: JANSSEN RESEARCH & DEVELOPMENT LLC
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121-0000
 EPA ID: CAR000049841
 Contact Name: PATRICK M MCQUINN
 Contact Address: MERRYFIELD ROW
 Contact City,State,Zip: SAN DIEGO, CA 92121-0000
 Contact Telephone: 858-361-0308
 Contact Fax: 858-450-2012
 Contact Email: PMCQUINN@ITS.JNJ.COM
 Contact Title: SENIOR EHS ENGINEER
 EPA Region: 09
 Land Type: Private
 Federal Waste Generator Description: Large Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: 2021
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: MERRYFIELD ROW
 Mailing City,State,Zip: SAN DIEGO, CA 92121-0000
 Owner Name: JANSSEN RESEARCH AND DEVELOPMENT, LLC
 Owner Type: Private
 Operator Name: JANSSEN RESEARCH AND DEVELOPMENT, LLC
 Operator Type: Private
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: Yes
 Universal Waste Destination Facility: Yes
 Federal Universal Waste: Yes
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPRA Permit Baseline: Not on the Baseline
 2018 GPRA Renewals Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

JANSSEN RESEARCH & DEVELOPMENT LLC (Continued)

1001481061

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220606
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2019

[Click Here for Biennial Reporting System Data:](#)

Year: 2017

[Click Here for Biennial Reporting System Data:](#)

Year: 2015

[Click Here for Biennial Reporting System Data:](#)

Year: 2013

[Click Here for Biennial Reporting System Data:](#)

Year: 2011

[Click Here for Biennial Reporting System Data:](#)

Year: 2009

[Click Here for Biennial Reporting System Data:](#)

Year: 2007

[Click Here for Biennial Reporting System Data:](#)

Year: 2005

[Click Here for Biennial Reporting System Data:](#)

Year: 2003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

JANSSEN RESEARCH & DEVELOPMENT LLC (Continued)

1001481061

[Click Here for Biennial Reporting System Data:](#)
Year: 2001

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D022
Waste Description:	CHLOROFORM
Waste Code:	D028
Waste Description:	1,2-DICHLOROETHANE
Waste Code:	D029
Waste Description:	1,1-DICHLOROETHYLENE
Waste Code:	D034
Waste Description:	HEXACHLOROETHANE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

JANSSEN RESEARCH & DEVELOPMENT LLC (Continued)

1001481061

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D036
Waste Description: NITROBENZENE

Waste Code: D038
Waste Description: PYRIDINE

Waste Code: D040
Waste Description: TRICHLOROETHYLENE

Waste Code: F001
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: P003
Waste Description: 2-PROPENAL (OR) ACROLEIN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

JANSSEN RESEARCH & DEVELOPMENT LLC (Continued)

1001481061

Waste Code:	P005
Waste Description:	2-PROPEN-1-OL (OR) ALLYL ALCOHOL
Waste Code:	P022
Waste Description:	CARBON DISULFIDE
Waste Code:	P023
Waste Description:	ACETALDEHYDE, CHLORO- (OR) CHLOROACETALDEHYDE
Waste Code:	P029
Waste Description:	COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)
Waste Code:	P030
Waste Description:	CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED
Waste Code:	P063
Waste Description:	HYDROCYANIC ACID (OR) HYDROGEN CYANIDE
Waste Code:	P068
Waste Description:	HYDRAZINE, METHYL- (OR) METHYL HYDRAZINE
Waste Code:	P075
Waste Description:	NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-(S)-, & SALTS
Waste Code:	P078
Waste Description:	NITROGEN DIOXIDE (OR) NITROGEN OXIDE NO2
Waste Code:	P087
Waste Description:	OSMIUM OXIDE OSO4, (T-4)- (OR) OSMIUM TETROXIDE
Waste Code:	P095
Waste Description:	CARBONIC DICHLORIDE (OR) PHOSGENE
Waste Code:	P096
Waste Description:	HYDROGEN PHOSPHIDE (OR) PHOSPHINE
Waste Code:	P098
Waste Description:	POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)
Waste Code:	P105
Waste Description:	SODIUM AZIDE
Waste Code:	P106
Waste Description:	SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)
Waste Code:	P121
Waste Description:	ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2
Waste Code:	U001
Waste Description:	ACETALDEHYDE (I) (OR) ETHANAL (I)
Waste Code:	U003
Waste Description:	ACETONITRILE (I,T)
Waste Code:	U004
Waste Description:	ACETOPHENONE (OR) ETHANONE, 1-PHENYL-

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

JANSSEN RESEARCH & DEVELOPMENT LLC (Continued)

1001481061

Waste Code:	U007
Waste Description:	2-PROPENAMIDE (OR) ACRYLAMIDE
Waste Code:	U008
Waste Description:	2-PROPENOIC ACID (I) (OR) ACRYLIC ACID (I)
Waste Code:	U009
Waste Description:	2-PROPENENITRILE (OR) ACRYLONITRILE
Waste Code:	U012
Waste Description:	ANILINE (I,T) (OR) BENZENAMINE (I,T)
Waste Code:	U017
Waste Description:	BENZAL CHLORIDE (OR) BENZENE, (DICHLOROMETHYL)-
Waste Code:	U033
Waste Description:	CARBON OXYFLUORIDE (R,T) (OR) CARBONIC DIFLUORIDE
Waste Code:	U037
Waste Description:	BENZENE, CHLORO- (OR) CHLOROBENZENE
Waste Code:	U041
Waste Description:	EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-
Waste Code:	U044
Waste Description:	CHLOROFORM (OR) METHANE, TRICHLORO-
Waste Code:	U046
Waste Description:	CHLOROMETHYL METHYL ETHER (OR) METHANE, CHLOROMETHOXY-
Waste Code:	U050
Waste Description:	CHRYSENE
Waste Code:	U053
Waste Description:	2-BUTENAL (OR) CROTONALDEHYDE
Waste Code:	U057
Waste Description:	CYCLOHEXANONE (I)
Waste Code:	U067
Waste Description:	ETHANE, 1,2-DIBROMO- (OR) ETHYLENE DIBROMIDE
Waste Code:	U068
Waste Description:	METHANE, DIBROMO- (OR) METHYLENE BROMIDE
Waste Code:	U077
Waste Description:	ETHANE, 1,2-DICHLORO- (OR) ETHYLENE DICHLORIDE
Waste Code:	U080
Waste Description:	METHANE, DICHLORO- (OR) METHYLENE CHLORIDE
Waste Code:	U092
Waste Description:	DIMETHYLAMINE (I) (OR) METHANAMINE, N-METHYL- (I)
Waste Code:	U098
Waste Description:	1,1-DIMETHYLHYDRAZINE (OR) HYDRAZINE, 1,1-DIMETHYL-

Map ID
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Database(s)

EDR ID Number
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JANSSEN RESEARCH & DEVELOPMENT LLC (Continued)

1001481061

Waste Code:	U099
Waste Description:	1,2-DIMETHYLHYDRAZINE (OR) HYDRAZINE, 1,2-DIPHENYL-
Waste Code:	U103
Waste Description:	DIMETHYL SULFATE (OR) SULFURIC ACID, DIMETHYL ESTER
Waste Code:	U108
Waste Description:	1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE
Waste Code:	U115
Waste Description:	ETHYLENE OXIDE (I,T) (OR) OXIRANE (I,T)
Waste Code:	U117
Waste Description:	ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)
Waste Code:	U122
Waste Description:	FORMALDEHYDE
Waste Code:	U123
Waste Description:	FORMIC ACID (C,T)
Waste Code:	U125
Waste Description:	2-FURANCARBOXALDEHYDE (I) (OR) FURFURAL (I)
Waste Code:	U131
Waste Description:	ETHANE, HEXACHLORO- (OR) HEXACHLOROETHANE
Waste Code:	U133
Waste Description:	HYDRAZINE (R,T)
Waste Code:	U134
Waste Description:	HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)
Waste Code:	U135
Waste Description:	HYDROGEN SULFIDE (OR) HYDROGEN SULFIDE H2S
Waste Code:	U136
Waste Description:	ARSINIC ACID, DIMETHYL- (OR) CACODYLIC ACID
Waste Code:	U138
Waste Description:	METHANE, IODO- (OR) METHYL IODIDE
Waste Code:	U151
Waste Description:	MERCURY
Waste Code:	U154
Waste Description:	METHANOL (I) (OR) METHYL ALCOHOL (I)
Waste Code:	U156
Waste Description:	CARBOCHLORIDIC ACID, METHYL ESTER, (I,T) (OR) METHYL CHLOROCARBONATE (I,T)
Waste Code:	U163
Waste Description:	GUANIDINE, N-METHYL-N'-NITRO-N-NITROSO- (OR) MNNG
Waste Code:	U165
Waste Description:	NAPHTHALENE

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Database(s)

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JANSSEN RESEARCH & DEVELOPMENT LLC (Continued)

1001481061

Waste Code:	U169
Waste Description:	BENZENE, NITRO- (OR) NITROBENZENE (I,T)
Waste Code:	U188
Waste Description:	PHENOL
Waste Code:	U196
Waste Description:	PYRIDINE
Waste Code:	U201
Waste Description:	1,3-BENZENEDIOL (OR) RESORCINOL
Waste Code:	U211
Waste Description:	CARBON TETRACHLORIDE (OR) METHANE, TETRACHLORO-
Waste Code:	U213
Waste Description:	FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)
Waste Code:	U219
Waste Description:	THIOUREA
Waste Code:	U220
Waste Description:	BENZENE, METHYL- (OR) TOLUENE
Waste Code:	U228
Waste Description:	ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE
Waste Code:	U236
Waste Description:	2,7-NAPHTHALENEDISULFONIC ACID,3,3'-[(3,3'-DIMETHYL[1,1'-BIPHENYL]-4,4'-DIYL)BIS(AZO)BIS[5-AMINO -4-HYDROXY]-, TETRASODIUM SALT (OR) TRYSPAN BLUE
Waste Code:	U239
Waste Description:	BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)
Waste Code:	U246
Waste Description:	CYANOGEN BROMIDE (CN)BR
Waste Code:	U328
Waste Description:	BENZENAMINE, 2-METHYL- (OR) O-TOLUIDINE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JANSSEN RESEARCH AND DEVELOPMENT, LLC
Legal Status:	Private
Date Became Current:	19980206
Date Ended Current:	Not reported
Owner/Operator Address:	3210 MERRYFIELD ROW
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121-0000
Owner/Operator Telephone:	858-784-3185
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	PMCQUINN@ITS.JNJ.COM

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JANSSEN RESEARCH AND DEVELOPMENT, LLC
Legal Status:	Private

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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

JANSSEN RESEARCH & DEVELOPMENT LLC (Continued)

1001481061

Date Became Current: 19980601
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121-0000
Owner/Operator Telephone: 858-450-2000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: PMCQUINN@ITS.JNJ.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: JOHNSON AND JOHNSON

Legal Status: Private
Date Became Current: 19970101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: JANSSEN RESEARCH AND DEVELOPMENT LLC
Legal Status: Private
Date Became Current: 20120102
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-784-3185
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JANSSEN RESEARCH & DEVELOPMENT, LLC
Legal Status: Private
Date Became Current: 19990601
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-784-3185
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JOHNSON & JOHNSON PRD, L.L.C.
Legal Status: Private
Date Became Current: 19990601
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

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Site

Database(s) EDR ID Number
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JANSSEN RESEARCH & DEVELOPMENT LLC (Continued)

1001481061

Owner/Operator Indicator: Owner
Owner/Operator Name: JANSSEN RESEARCH & DEVELOPMENT, LLC
Legal Status: Private
Date Became Current: 19980206
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-784-3185
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JANSSEN RESEARCH AND DEVELOPMENT, LLC
Legal Status: Private
Date Became Current: 19980601
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121-0000
Owner/Operator Telephone: 858-450-2000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: PMCQUINN@ITS.JNJ.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: ORTHO PHARMACEUTICAL RESEARCH & DEV.
Legal Status: Private
Date Became Current: 19980206
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: JOHNSON & JOHNSON PRD, L.L.C.
Legal Status: Private
Date Became Current: 19980206
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-784-3185
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JANSSEN RESEARCH AND DEVELOPMENT, LLC
Legal Status: Private
Date Became Current: 19980601
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported

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Site

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JANSSEN RESEARCH & DEVELOPMENT LLC (Continued)

1001481061

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	JANSSEN RESEARCH AND DEVELOPMENT LLC
Legal Status:	Private
Date Became Current:	20120102
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOHNSON & JOHNSON PRD, L.L.C.
Legal Status:	Private
Date Became Current:	19980206
Date Ended Current:	Not reported
Owner/Operator Address:	3210 MERRYFIELD ROW
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JANSSEN RESEARCH & DEVELOPMENT, LLC
Legal Status:	Private
Date Became Current:	19980206
Date Ended Current:	Not reported
Owner/Operator Address:	3210 MERRYFIELD ROW
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	858-784-3185
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JANSSEN RESEARCH AND DEVELOPMENT, LLC
Legal Status:	Private
Date Became Current:	19980206
Date Ended Current:	Not reported
Owner/Operator Address:	3210 MERRYFIELD ROW
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121-0000
Owner/Operator Telephone:	858-784-3185
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	PMCQUINN@ITS.JNJ.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOHNSON & JOHNSON
Legal Status:	Private
Date Became Current:	19980126
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported

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Database(s) EDR ID Number
EPA ID Number

JANSSEN RESEARCH & DEVELOPMENT LLC (Continued)

1001481061

Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOHNSON & JOHNSON PRD, L.L.C.
Legal Status:	Private
Date Became Current:	19980206
Date Ended Current:	Not reported
Owner/Operator Address:	3210 MERRYFIELD ROW
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JANSSEN RESEARCH AND DEVELOPMENT, LLC
Legal Status:	Private
Date Became Current:	19980206
Date Ended Current:	Not reported
Owner/Operator Address:	3210 MERRYFIELD ROW
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	858-784-3185
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOHNSON AND JOHNSON
Legal Status:	Private
Date Became Current:	19970101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	JANSSEN RESEARCH & DEVELOPMENT, LLC
Legal Status:	Private
Date Became Current:	19990601
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JANSSEN RESEARCH AND DEVELOPMENT, LLC
Legal Status:	Private

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Site

Database(s)
EDR ID Number
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JANSSEN RESEARCH & DEVELOPMENT LLC (Continued)

1001481061

Date Became Current: 19980206
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121-0000
Owner/Operator Telephone: 858-784-3185
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: PMCQUINN@ITS.JNJ.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: JANSSEN RESEARCH AND DEVELOPMENT, LLC
Legal Status: Private
Date Became Current: 19980601
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121-0000
Owner/Operator Telephone: 858-450-2000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: PMCQUINN@ITS.JNJ.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: JOHNSON AND JOHNSON
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: ONE JOHNSON AND JOHNSON PLAZA
Owner/Operator City,State,Zip: NEW BRUNSWICK, NJ 08933
Owner/Operator Telephone: 732-524-0400
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JOHNSON & JOHNSON
Legal Status: Private
Date Became Current: 19980126
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JOHNSON & JOHNSON PRD, L.L.C.
Legal Status: Private
Date Became Current: 19990601
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: CA 92121
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

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Site

Database(s)
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JANSSEN RESEARCH & DEVELOPMENT LLC (Continued)

1001481061

Owner/Operator Indicator: Operator
Owner/Operator Name: JOHNSON & JOHNSON (PRD)
Legal Status: Private
Date Became Current: 19990601
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JOHNSON & JOHNSON PRD, L.L.C.
Legal Status: Private
Date Became Current: 19990601
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20100226
Handler Name: JOHNSON & JOHNSON PHARMACEUTICAL RESEARCH AND DEVELOPMENT
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120305
Handler Name: JANSSEN RESEARCH & DEVELOPMENT, LLC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20140301
Handler Name: JANSSEN RESEARCH & DEVELOPMENT, LLC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

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JANSSEN RESEARCH & DEVELOPMENT LLC (Continued)

1001481061

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20160218
Handler Name: JANSSEN RESEARCH & DEVELOPMENT, LLC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20180822
Handler Name: JANSSEN RESEARCH & DEVELOPMENT LLC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20200922
Handler Name: JANSSEN RESEARCH & DEVELOPMENT LLC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20220228
Handler Name: JANSSEN RESEARCH & DEVELOPMENT LLC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No

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Database(s)

JANSSEN RESEARCH & DEVELOPMENT LLC (Continued)

1001481061

Electronic Manifest Broker:	No
Receive Date:	19990924
Handler Name:	THE R W JOHNSON PHARM RES INST
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20031202
Handler Name:	JOHNSON AND JOHNSON PHARMA R AND D LLC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20120109
Handler Name:	JANSSEN RESEARCH AND DEVELOPMENT LLC PHARMACEUTICAL CO OF JOHNSON AND JOHNSON
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20001012
Handler Name:	R.W.JOHNSON-P.R.I.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20020122
Handler Name:	JOHNSON&JOHNSON PHARMACEUTICAL RESEARCH

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Database(s)
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EPA ID Number

JANSSEN RESEARCH & DEVELOPMENT LLC (Continued)

1001481061

Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20040224
Handler Name: JOHNSON & JOHNSON PHARMACEUTICAL RESEARC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20050227
Handler Name: JOHNSON & JOHNSON PRD, L.L.C.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080214
Handler Name: JOHNSON & JOHNSON PHARMACEUTICAL RESEARCH AND DEVELOPMENT, L.L.C.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 54171
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

NAICS Code: 541711
NAICS Description: RESEARCH AND DEVELOPMENT IN BIOTECHNOLOGY

Map ID
Direction
Distance
Elevation

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Site

Database(s) EDR ID Number
EPA ID Number

JANSSEN RESEARCH & DEVELOPMENT LLC (Continued)

1001481061

NAICS Code: 541714
NAICS Description: RESEARCH AND DEVELOPMENT IN BIOTECHNOLOGY (EXCEPT NANOBIOLOGY)

NAICS Code: 541715
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violation:

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20080812
Actual Return to Compliance Date: 20081006
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 601
Date of Enforcement Action: 20080812
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

JANSSEN RESEARCH & DEVELOPMENT LLC (Continued)

1001481061

Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

JANSSEN RESEARCH & DEVELOPMENT LLC (Continued)

1001481061

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20080812
Actual Return to Compliance Date: 20081006
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 602
Date of Enforcement Action: 20080812
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20080812
Actual Return to Compliance Date: 20081006
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

JANSSEN RESEARCH & DEVELOPMENT LLC (Continued)

1001481061

Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
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Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

JANSSEN RESEARCH & DEVELOPMENT LLC (Continued)

1001481061

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

JANSSEN RESEARCH & DEVELOPMENT LLC (Continued)

1001481061

Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
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Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

JANSSEN RESEARCH & DEVELOPMENT LLC (Continued)

1001481061

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

JANSSEN RESEARCH & DEVELOPMENT LLC (Continued)

1001481061

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 20080812
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20081006
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20181115
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20150121
Evaluation Responsible Agency: State
Found Violation: No

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

JANSSEN RESEARCH & DEVELOPMENT LLC (Continued)

1001481061

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080812
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20081006
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080812
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20081006
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20171120
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20191106
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

JANSSEN RESEARCH & DEVELOPMENT LLC (Continued)

1001481061

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20171117
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090921
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20201119
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090921
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

JANSSEN RESEARCH & DEVELOPMENT LLC (Continued)

1001481061

FINDS:

Registry ID: 110002926843

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER
 HAZARDOUS WASTE BIENNIAL REPORTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1001481061
 Registry ID: 110002926843
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002926843>
 Name: JANSSEN RESEARCH & DEVELOPMENT LLC
 Address: 3210 MERRYFIELD ROW
 City,State,Zip: SAN DIEGO, CA 92121

Q219
SSE
1/8-1/4
0.239 mi.
1263 ft.

BASILARD BIOTECH INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 59 of 113 in cluster Q

RCRA NonGen / NLR **1027092601**
CAL000466138

Relative:
Higher
Actual:
318 ft.

RCRA Listings:		
Date Form Received by Agency:		20211013
Handler Name:	BASILARD BIOTECH INC	
Handler Address:		3210 MERRYFIELD ROW
Handler City,State,Zip:		SAN DIEGO, CA 92121
EPA ID:		CAL000466138
Contact Name:		JAMES ONUFFER
Contact Address:		1032 FOUNTAIN ST
Contact City,State,Zip:		ALAMEDA, CA 94501
Contact Telephone:		510-301-2966
Contact Fax:		Not reported
Contact Email:		JAMESSONUFFER@BASILARDBIOTECH.NET
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

BASILARD BIOTECH INC (Continued)

1027092601

Mailing Address:		41593 WINCHESTER RD STE 200 PMB#278
Mailing City,State,Zip:		TEMECULA, CA 92590
Owner Name:	BASILARD BIOTECH INC	
Owner Type:		Other
Operator Name:	JAMES ONUFFER	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20211018
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASILARD BIOTECH INC (Continued)

1027092601

Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: BASILARD BIOTECH INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 41593 WINCHESTER RD STE 200 PMB#278
Owner/Operator City,State,Zip: TEMECULA, CA 92590
Owner/Operator Telephone: 949-422-9676
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JAMES ONUFFER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1032 FOUNTAIN ST
Owner/Operator City,State,Zip: ALAMEDA, CA 94501
Owner/Operator Telephone: 510-301-2966
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20211013
Handler Name: BASILARD BIOTECH INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

Q220 **PRECISION NEUROSCIENCE NEWCO INC** **RCRA NonGen / NLR** **1027467457**
SSE **3210 MERRYFIELD ROW** **CAL000471784**
1/8-1/4 **SAN DIEGO, CA 92121**
0.239 mi.
1263 ft. **Site 60 of 113 in cluster Q**

Relative: Higher	RCRA Listings:		
	Date Form Received by Agency:		20220707
	Handler Name:	PRECISION NEUROSCIENCE NEWCO INC	
	Handler Address:	3210 MERRYFIELD ROW	
	Handler City,State,Zip:	SAN DIEGO, CA 92121	
	EPA ID:	CAL000471784	
	Contact Name:	DAVID BREDT	
	Contact Address:	3210 MERRYFIELD ROW	
	Contact City,State,Zip:	SAN DIEGO, CA 92121	
	Contact Telephone:	858-692-6993	
	Contact Fax:	Not reported	
	Contact Email:	DBREDT@THIRDROCKVENTURES.COM	
	Contact Title:	Not reported	
	EPA Region:	09	
	Land Type:	Not reported	
	Federal Waste Generator Description:	Not a generator, verified	
	Non-Notifier:	Not reported	
	Biennial Report Cycle:	Not reported	
	Accessibility:	Not reported	
	Active Site Indicator:	Not reported	
	State District Owner:	Not reported	
	State District:	Not reported	
	Mailing Address:	3210 MERRYFIELD ROW	
	Mailing City,State,Zip:	SAN DIEGO, CA 92121	
	Owner Name:	PRECISION NEUROSCIENCE NEWCO INC	
	Owner Type:	Other	
	Operator Name:	DAVID BREDT	
	Operator Type:	Other	
	Short-Term Generator Activity:	No	
	Importer Activity:	No	
	Mixed Waste Generator:	No	
	Transporter Activity:	No	
	Transfer Facility Activity:	No	
	Recycler Activity with Storage:	No	
	Small Quantity On-Site Burner Exemption:	No	
	Smelting Melting and Refining Furnace Exemption:	No	
	Underground Injection Control:	No	
	Off-Site Waste Receipt:	No	
	Universal Waste Indicator:	No	
	Universal Waste Destination Facility:	No	
	Federal Universal Waste:	No	
	Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported	
	Active Site Converter Treatment storage and Disposal Facility:	Not reported	
	Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported	
	Active Site State-Reg Handler:	---	
	Federal Facility Indicator:	Not reported	
	Hazardous Secondary Material Indicator:	N	
	Sub-Part K Indicator:	Not reported	
	Commercial TSD Indicator:	No	
	Treatment Storage and Disposal Type:	Not reported	
	2018 GPRA Permit Baseline:	Not on the Baseline	
	2018 GPRA Renewals Baseline:	Not on the Baseline	
	Permit Renewals Workload Universe:	Not reported	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

PRECISION NEUROSCIENCE NEWCO INC (Continued)

1027467457

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20220718
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: DAVID BREDT
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-692-6993
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PRECISION NEUROSCIENCE NEWCO INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 29 NEWBURY ST
Owner/Operator City,State,Zip: BOSTON, MA 02116
Owner/Operator Telephone: 617-585-2000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

PRECISION NEUROSCIENCE NEWCO INC (Continued)

1027467457

Historic Generators:

Receive Date: 20220707
Handler Name: PRECISION NEUROSCIENCE NEWCO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q221
SSE
1/8-1/4
0.239 mi.
1263 ft.

JLABS LAB SUITE 2C PRECISION IBD
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 61 of 113 in cluster Q

RCRA NonGen / NLR **1024867016**
CAL000435608

Relative:
Higher
Actual:
318 ft.

RCRA Listings:

Date Form Received by Agency: 20180502
Handler Name: JLABS LAB SUITE 2C PRECISION IBD
Handler Address: 3210 MERRYFIELD ROW
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000435608
Contact Name: FABIYOLA SELVARAJ
Contact Address: 3210 MERRYFIELD ROW
Contact City,State,Zip: SAN DIEGO, CA 92121
Contact Telephone: 858-776-6314
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 3525 DEL MAR HEIGHTS RD STE 342
Mailing City,State,Zip: SAN DIEGO, CA 92130
Owner Name: PRECISION IBD INC

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

JLABS LAB SUITE 2C PRECISION IBD (Continued)

1024867016

Owner Type:		Other
Operator Name:	FABIYOLA SELVARAJ	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSD Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20180907
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

JLABS LAB SUITE 2C PRECISION IBD (Continued)

1024867016

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: FABIYOLA SELVARAJ
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-776-6314
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PRECISION IBD INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1496 NEPTUNE ST
Owner/Operator City,State,Zip: SAN DIEGO, CA 92024
Owner/Operator Telephone: 858-692-6745
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20180502
Handler Name: JLABS LAB SUITE 2C PRECISION IBD
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

Q222 **VERSAPEUTICS INC** **RCRA NonGen / NLR** **1024868257**
SSE **3210 MERRYFIELD ROW** **CAL000436859**
1/8-1/4 **SAN DIEGO, CA 92121**
0.239 mi.
1263 ft. **Site 62 of 113 in cluster Q**

**Relative:
 Higher**

RCRA Listings: 20180608
 Date Form Received by Agency: 20180608
 Handler Name: VERSAPEUTICS INC
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000436859
 Contact Name: JINGYI WANG
 Contact Address: 3210 MERRYFIELD ROW
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 310-819-6805
 Contact Fax: Not reported
 Contact Email: JINGYIWANG512@GMAIL.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 3210 MERRYFIELD ROW
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: VERSAPEUTICS INC
 Owner Type: Other
 Operator Name: JINGYI WANG
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: Yes
 Universal Waste Destination Facility: Yes
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPRA Permit Baseline: Not on the Baseline
 2018 GPRA Renewals Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not reported

**Actual:
 318 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

VERSAPEUTICS INC (Continued)

1024868257

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180907
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: JINGYI WANG
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 310-819-6805
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: VERSAPEUTICS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-837-2788
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

VERSAPEUTICS INC (Continued)

1024868257

Historic Generators:

Receive Date: 20180608
Handler Name: VERSAPEUTICS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q223
SSE
1/8-1/4
0.239 mi.
1263 ft.

FRONTERA US PHARMACEUTICALS LCC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 63 of 113 in cluster Q

RCRA NonGen / NLR **1024873011**
CAL000441660

Relative:
Higher
Actual:
318 ft.

RCRA Listings:

Date Form Received by Agency: 20181210
Handler Name: FRONTERA US PHARMACEUTICALS LCC
Handler Address: 3210 MERRYFIELD ROW
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000441660
Contact Name: CHANGMING FANG
Contact Address: 11526 SORRENTO VALLEY RD STE D
Contact City,State,Zip: SAN DIEGO, CA 92121
Contact Telephone: 858-699-9843
Contact Fax: Not reported
Contact Email: CHANGMINGFANG@FRONTHERAPHARMA.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 11526 SORRENTO VALLEY RD STE D
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: QING DONG

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

FRONTERA US PHARMACEUTICALS LCC (Continued)

1024873011

Owner Type:		Other
Operator Name:	CHANGMING FANG	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDs Where RCRA CA has Been Imposed Universe:		No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20181220
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

FRONTHERA US PHARMACEUTICALS LCC (Continued)

1024873011

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: CHANGMING FANG
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11526 SORRENTO VALLEY RD STE D
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-699-9843
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: QING DONG
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11526 SORRENTO VALLEY RD STE D
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-226-3691
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20181210
Handler Name: FRONTHERA US PHARMACEUTICALS LCC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

Q224 **INSMED INC** **RCRA NonGen / NLR** **1027094717**
SSE **3210 MERRYFIELD ROW** **EPA ID Number**
1/8-1/4 **SAN DIEGO, CA 92121** **CAL000468314**
0.239 mi.
1263 ft. **Site 64 of 113 in cluster Q**

Relative:
Higher

Actual:
318 ft.

RCRA Listings:
 Date Form Received by Agency: 20220203
 Handler Name: INSMED INC
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000468314
 Contact Name: ALLAN KASPAR
 Contact Address: 3210 MERRYFIELD ROW
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-735-3816
 Contact Fax: Not reported
 Contact Email: ALLANKASPAR@YAHOO.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 700 HGW 202/206
 Mailing City,State,Zip: BRIDGEWATER, NJ 08807
 Owner Name: INSMED INC
 Owner Type: Other
 Operator Name: ALLAN KASPAR
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPRA Permit Baseline: Not on the Baseline
 2018 GPRA Renewals Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

INSMED INC (Continued)

1027094717

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220204
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: ALLAN KASPAR	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3210 MERRYFIELD ROW
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	858-735-3816
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: INSMED INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	700 HGW 202/206
Owner/Operator City,State,Zip:	BRIDGEWATER, NJ 08807
Owner/Operator Telephone:	844-446-7633
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

INSMED INC (Continued)

1027094717

Historic Generators:

Receive Date:	20220203
Handler Name:	INSMED INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	541714
NAICS Description:	RESEARCH AND DEVELOPMENT IN BIOTECHNOLOGY (EXCEPT NANOBIO TECHNOLOGY

Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
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Q225
SSE
1/8-1/4
0.239 mi.
1263 ft.

GLYTR THERAPEUTICS INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 65 of 113 in cluster Q

RCRA NonGen / NLR **1024871728**
CAL000440374

Relative:
Higher
Actual:
318 ft.

RCRA Listings:

Date Form Received by Agency:	20181027
Handler Name:	GLYTR THERAPEUTICS INC
Handler Address:	3210 MERRYFIELD ROW
Handler City,State,Zip:	SAN DIEGO, CA 92121
EPA ID:	CAL000440374
Contact Name:	RAYMOND ZHOU
Contact Address:	3210 MERRYFIELD ROW
Contact City,State,Zip:	SAN DIEGO, CA 92121
Contact Telephone:	916-572-5889
Contact Fax:	Not reported
Contact Email:	RAYMONDZHOU@GLYR THERAPEUTICS.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3210 MERRYFIELD ROW
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	GLYTR THERAPEUTICS INC

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

GLYTR THERAPEUTICS INC (Continued)

1024871728

Owner Type:		Other
Operator Name:	RAYMOND ZHOU	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20181120
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

GLYTR THERAPEUTICS INC (Continued)

1024871728

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: RAYMOND ZHOU
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 916-572-5889
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: GLYTR THERAPEUTICS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 916-572-5889
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20181027
Handler Name: GLYTR THERAPEUTICS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
 EPA ID Number

Q226 **CREYON BIO INC** **RCRA NonGen / NLR** **1026491381**
SSE **3210 MERRYFIELD ROW**
1/8-1/4 **SAN DIEGO, CA 92121**
0.239 mi.
1263 ft. **Site 66 of 113 in cluster Q**

Relative:
Higher

Actual:
318 ft.

RCRA Listings:
 Date Form Received by Agency: 20200810
 Handler Name: CREYON BIO INC
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000456132
 Contact Name: WILLIAM J DRURY III
 Contact Address: 1468 HUNSAKER ST
 Contact City,State,Zip: OCEANSIDE, CA 92054
 Contact Telephone: 619-713-4009
 Contact Fax: Not reported
 Contact Email: WILLIAM.DRURY@CREYONBIO.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 4821 REFUGIO AVE
 Mailing City,State,Zip: CARLSBAD, CA 92008
 Owner Name: CREYON BIO INC
 Owner Type: Other
 Operator Name: WILLIAM J DRURY III
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPRA Permit Baseline: Not on the Baseline
 2018 GPRA Renewals Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

1026491381

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20200814
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: CREYON BIO INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4821 REFUGIO AVE
Owner/Operator City,State,Zip: CARLSBAD, CA 92008
Owner/Operator Telephone: 760-277-3667
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WILLIAM J DRURY III
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1468 HUNSAKER ST
Owner/Operator City,State,Zip: OCEANSIDE, CA 92054
Owner/Operator Telephone: 619-713-4009
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

1026491381

Historic Generators:

Receive Date: 20200810
Handler Name: CREYON BIO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q227
SSE
1/8-1/4
0.239 mi.
1263 ft.

SINOPIA BIOSCIENCES
3210 MERRYFIELD ROW STE 5815
SAN DIEGO, CA 92121
Site 67 of 113 in cluster Q

RCRA NonGen / NLR **1025871521**
CAL000444636

Relative:
Higher
Actual:
318 ft.

RCRA Listings:

Date Form Received by Agency: 20190322
Handler Name: SINOPIA BIOSCIENCES
Handler Address: 3210 MERRYFIELD ROW STE 5815
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000444636
Contact Name: AARASH BORDBAR
Contact Address: 3210 MERRYFIELD ROW STE 5815
Contact City,State,Zip: SAN DIEGO, CA 92121
Contact Telephone: 408-205-1008
Contact Fax: Not reported
Contact Email: ABORDBAR@SINOPIABIO.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 600 W BROADWAY STE 700
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: SINOPIA BIOSCIENCES

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

SINOPIA BIOSCIENCES (Continued)

1025871521

Owner Type:		Other
Operator Name:	AARASH BORDBAR	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		Yes
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDs Where RCRA CA has Been Imposed Universe:		No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20190628
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SINOPIA BIOSCIENCES (Continued)

1025871521

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: SINOPIA BIOSCIENCES
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 600 W BROADWAY STE 700
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 408-205-1008
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: AARASH BORDBAR
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW STE 5815
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 408-205-1008
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20190322
Handler Name: SINOPIA BIOSCIENCES
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

Q228 **ENTOS PHARMACEUTICALS** **RCRA NonGen / NLR** **1025874245**
SSE **3210 MERRYFIELD ROW RM 2220** **CAL000447376**
1/8-1/4 **SAN DIEGO, CA 92121**
0.239 mi.
1263 ft. **Site 68 of 113 in cluster Q**

Relative:	RCRA Listings:		
Higher	Date Form Received by Agency:		20190710
Actual:	Handler Name:	ENTOS PHARMACEUTICALS	
318 ft.	Handler Address:		3210 MERRYFIELD ROW RM 2220
	Handler City,State,Zip:		SAN DIEGO, CA 92121
	EPA ID:		CAL000447376
	Contact Name:		JOHN LEWIS
	Contact Address:		3210 MERRYFIELD ROW RM 2220
	Contact City,State,Zip:		SAN DIEGO, CA 92121
	Contact Telephone:		760-704-9105
	Contact Fax:		Not reported
	Contact Email:		JOHN.LEWIS@ENTOSPHARMA.COM
	Contact Title:		Not reported
	EPA Region:		09
	Land Type:		Not reported
	Federal Waste Generator Description:		Not a generator, verified
	Non-Notifier:		Not reported
	Biennial Report Cycle:		Not reported
	Accessibility:		Not reported
	Active Site Indicator:		Handler Activities
	State District Owner:		Not reported
	State District:		Not reported
	Mailing Address:		3210 MERRYFIELD ROW RM 2220
	Mailing City,State,Zip:		SAN DIEGO, CA 92121
	Owner Name:	JOHN LEWIS	
	Owner Type:		Other
	Operator Name:	JOHN LEWIS	
	Operator Type:		Other
	Short-Term Generator Activity:		No
	Importer Activity:		No
	Mixed Waste Generator:		No
	Transporter Activity:		No
	Transfer Facility Activity:		No
	Recycler Activity with Storage:		No
	Small Quantity On-Site Burner Exemption:		No
	Smelting Melting and Refining Furnace Exemption:		No
	Underground Injection Control:		No
	Off-Site Waste Receipt:		No
	Universal Waste Indicator:		Yes
	Universal Waste Destination Facility:		Yes
	Federal Universal Waste:		No
	Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
	Active Site Converter Treatment storage and Disposal Facility:		Not reported
	Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
	Active Site State-Reg Handler:		---
	Federal Facility Indicator:		Not reported
	Hazardous Secondary Material Indicator:		N
	Sub-Part K Indicator:		Not reported
	Commercial TSD Indicator:		No
	Treatment Storage and Disposal Type:		Not reported
	2018 GPRA Permit Baseline:		Not on the Baseline
	2018 GPRA Renewals Baseline:		Not on the Baseline
	Permit Renewals Workload Universe:		Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ENTOS PHARMACEUTICALS (Continued)

1025874245

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20190729
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: JOHN LEWIS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW RM 2220
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 760-704-9105
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JOHN LEWIS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW RM 2220
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 760-704-9105
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

ENTOS PHARMACEUTICALS (Continued)

1025874245

Historic Generators:

Receive Date: 20190710
Handler Name: ENTOS PHARMACEUTICALS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q229
SSE
1/8-1/4
0.239 mi.
1263 ft.

TYRA BIOSCIENCES DBA JLABS SAN DIEGO
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 69 of 113 in cluster Q

RCRA NonGen / NLR **1025874138**
CAL000447267

Relative:
Higher

RCRA Listings:

Actual:
318 ft.

Date Form Received by Agency: 20190703
Handler Name: TYRA BIOSCIENCES DBA JLABS SAN DIEGO
Handler Address: 3210 MERRYFIELD ROW
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000447267
Contact Name: M JANE ARBOLEDA
Contact Address: 2333 STATE ST
Contact City,State,Zip: CARLSBAD, CA 92008
Contact Telephone: 310-386-3999
Contact Fax: Not reported
Contact Email: JARBOLEDA@TYRA.BIO
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 2333 STATE ST
Mailing City,State,Zip: CARLSBAD, CA 92008
Owner Name: TYRA BIOSCIENCES

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

TYRA BIOSCIENCES DBA JLABS SAN DIEGO (Continued)

1025874138

Owner Type:		Other
Operator Name:	M JANE ARBOLEDA	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20190729
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TYRA BIOSCIENCES DBA JLABS SAN DIEGO (Continued)

1025874138

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: M JANE ARBOLEDA
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2333 STATE ST
Owner/Operator City,State,Zip: CARLSBAD, CA 92008
Owner/Operator Telephone: 310-386-3999
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TYRA BIOSCIENCES
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2333 STATE ST
Owner/Operator City,State,Zip: CARLSBAD, CA 92008
Owner/Operator Telephone: 310-386-3999
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20190703
Handler Name: TYRA BIOSCIENCES DBA JLABS SAN DIEGO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

Q230 **MOLECULAR STETHOSCOPE** **RCRA NonGen / NLR** **1025871468**
SSE **3210 MERRYFIELD ROW STE #2513-8** **CAL000444582**
1/8-1/4 **SAN DIEGO, CA 92121**
0.239 mi.
1263 ft. **Site 70 of 113 in cluster Q**

**Relative:
 Higher**

RCRA Listings: 20190321
 Date Form Received by Agency: 20190321
 Handler Name: MOLECULAR STETHOSCOPE
 Handler Address: 3210 MERRYFIELD ROW STE #2513-8
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000444582
 Contact Name: ALEX ACOSTA
 Contact Address: 3210 MERRYFIELD ROW STE #2513-8
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 925-788-5561
 Contact Fax: Not reported
 Contact Email: AACOSTA@MOLECULARSTETHOSCOPE.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 3210 MERRYFIELD ROW STE #2513-8
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: MOLECULAR STETHOSCOPE INC
 Owner Type: Other
 Operator Name: ALEX ACOSTA
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: Yes
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: Yes
 Universal Waste Destination Facility: Yes
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPRA Permit Baseline: Not on the Baseline
 2018 GPRA Renewals Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not reported

**Actual:
 318 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

MOLECULAR STETHOSCOPE (Continued)

1025871468

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20190628
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: MOLECULAR STETHOSCOPE INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW STE #2513-8
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 925-788-5561
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ALEX ACOSTA
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW STE #2513-8
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 925-788-5561
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

MOLECULAR STETHOSCOPE (Continued)

1025871468

Historic Generators:

Receive Date: 20190321
Handler Name: MOLECULAR STETHOSCOPE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 621512
NAICS Description: DIAGNOSTIC IMAGING CENTERS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q231 1859 INC
SSE 3210 MERRYFIELD ROW STE 2204B-B-001
1/8-1/4 SAN DIEGO, CA 92121
0.239 mi.
1263 ft. Site 71 of 113 in cluster Q

RCRA NonGen / NLR 1025873302
CAL000446428

**Relative:
Higher**

RCRA Listings:

**Actual:
318 ft.**

Date Form Received by Agency: 20190603
Handler Name: 1859 INC
Handler Address: 3210 MERRYFIELD ROW STE 2204B-B-001
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000446428
Contact Name: DEVON CAYER
Contact Address: 343 14TH ST
Contact City,State,Zip: DEL MAR, CA 92014
Contact Telephone: 562-522-2882
Contact Fax: Not reported
Contact Email: DMC@EIGHTEENFIFTYNINE.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 343 14TH ST
Mailing City,State,Zip: DEL MAR, CA 92014
Owner Name: 1859 INC

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

1859 INC (Continued)

1025873302

Owner Type:		Other
Operator Name:	DEVON CAYER	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		Yes
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDs Where RCRA CA has Been Imposed Universe:		No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20190628
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

1859 INC (Continued)

1025873302

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: 1859 INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 343 14TH ST
Owner/Operator City,State,Zip: DEL MAR, CA 92014
Owner/Operator Telephone: 562-522-2882
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DEVON CAYER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 343 14TH ST
Owner/Operator City,State,Zip: DEL MAR, CA 92014
Owner/Operator Telephone: 562-522-2882
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20190603
Handler Name: 1859 INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325411
NAICS Description: MEDICINAL AND BOTANICAL MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

Q232 **ALUME BIOSCIENCES INC** **RCRA NonGen / NLR** **1024874331**
SSE **3210 MERRYFIELD ROW** **CAL000442986**
1/8-1/4 **SAN DIEGO, CA 92121**
0.239 mi.
1263 ft. **Site 72 of 113 in cluster Q**

Relative:	RCRA Listings:		
Higher	Date Form Received by Agency:		20190204
Actual:	Handler Name:	ALUME BIOSCIENCES INC	
318 ft.	Handler Address:		3210 MERRYFIELD ROW
	Handler City,State,Zip:		SAN DIEGO, CA 92121
	EPA ID:		CAL000442986
	Contact Name:		MIHAEL WHITNEY
	Contact Address:		3210 MERRYFIELD ROW
	Contact City,State,Zip:		SAN DIEGO, CA 92121
	Contact Telephone:		858-735-4788
	Contact Fax:		Not reported
	Contact Email:		MWHITNEY@ALUMEBIOSCIENCES.COM
	Contact Title:		Not reported
	EPA Region:		09
	Land Type:		Not reported
	Federal Waste Generator Description:		Not a generator, verified
	Non-Notifier:		Not reported
	Biennial Report Cycle:		Not reported
	Accessibility:		Not reported
	Active Site Indicator:		Handler Activities
	State District Owner:		Not reported
	State District:		Not reported
	Mailing Address:		3210 MERRYFIELD ROW
	Mailing City,State,Zip:		SAN DIEGO, CA 92121
	Owner Name:	ALUME BIOSCIENCES INC	
	Owner Type:		Other
	Operator Name:	MIHAEL WHITNEY	
	Operator Type:		Other
	Short-Term Generator Activity:		No
	Importer Activity:		No
	Mixed Waste Generator:		No
	Transporter Activity:		No
	Transfer Facility Activity:		No
	Recycler Activity with Storage:		No
	Small Quantity On-Site Burner Exemption:		No
	Smelting Melting and Refining Furnace Exemption:		No
	Underground Injection Control:		No
	Off-Site Waste Receipt:		No
	Universal Waste Indicator:		Yes
	Universal Waste Destination Facility:		Yes
	Federal Universal Waste:		No
	Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
	Active Site Converter Treatment storage and Disposal Facility:		Not reported
	Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
	Active Site State-Reg Handler:		---
	Federal Facility Indicator:		Not reported
	Hazardous Secondary Material Indicator:		N
	Sub-Part K Indicator:		Not reported
	Commercial TSD Indicator:		No
	Treatment Storage and Disposal Type:		Not reported
	2018 GPRA Permit Baseline:		Not on the Baseline
	2018 GPRA Renewals Baseline:		Not on the Baseline
	Permit Renewals Workload Universe:		Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ALUME BIOSCIENCES INC (Continued)

1024874331

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20190222
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: ALUME BIOSCIENCES INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-254-7116
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MIHAEL WHITNEY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-735-4788
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ALUME BIOSCIENCES INC (Continued)

1024874331

Historic Generators:

Receive Date: 20190204
Handler Name: ALUME BIOSCIENCES INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q233
SSE
1/8-1/4
0.239 mi.
1263 ft.

ONK THERAPEUTICS INC
3210 MERRYFIELD ROW 2406F
SAN DIEGO, CA 92121
Site 73 of 113 in cluster Q

RCRA NonGen / NLR **1026493266**
CAL000458075

Relative:
Higher
Actual:
318 ft.

RCRA Listings:

Date Form Received by Agency: 20201105
Handler Name: ONK THERAPEUTICS INC
Handler Address: 3210 MERRYFIELD ROW 2406F
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000458075
Contact Name: ROHIT DUGGAL
Contact Address: 4504 FALCON RIDGE CRT
Contact City,State,Zip: SAN DIEGO, CA 92130
Contact Telephone: 858-353-7085
Contact Fax: Not reported
Contact Email: DUGGAL.ROHIT@ATT.NET
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: 3210 MERRYFIELD ROW 2406F
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: ONK THERAPEUTICS INC

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

ONK THEREAPEUTICS INC (Continued)

1026493266

Owner Type:		Other
Operator Name:	ROHIT DUGGAL	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20201106
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ONK THERAPEUTICS INC (Continued)

1026493266

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: ONK THERAPEUTICS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW 2406F
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-353-7085
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ROHIT DUGGAL
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4504 FALCON RIDGE CRT
Owner/Operator City,State,Zip: SAN DIEGO, CA 92130
Owner/Operator Telephone: 858-353-7085
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20201105
Handler Name: ONK THERAPEUTICS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

Q234 **MOTUS BIOSCIENCES INC** **RCRA NonGen / NLR** **1026057218**
SSE **3210 MERRYFIELD ROW** **CAL000453411**
1/8-1/4 **SAN DIEGO, CA 92121**
0.239 mi.
1263 ft. **Site 74 of 113 in cluster Q**

**Relative:
 Higher**

RCRA Listings:
 Date Form Received by Agency: 20220203
 Handler Name: MOTUS BIOSCIENCES INC
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000453411
 Contact Name: ALLAN KASPAR
 Contact Address: 3210 MERRYFIELD ROW
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-735-3816
 Contact Fax: Not reported
 Contact Email: ALLANKASPAR@YAHOO.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 3210 MERRYFIELD ROW
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: Not reported
 Owner Type: Not reported
 Operator Name: MOTUS BIOSCIENCES INC
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPRA Permit Baseline: Not on the Baseline
 2018 GPRA Renewals Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not reported

**Actual:
 318 ft.**

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

MOTUS BIOSCIENCES INC (Continued)

1026057218

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220223
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: MOTUS BIOSCIENCES INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3210 MERRYFIELD ROW
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	619-846-2225
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: BRIAN KASPAR	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	17585 RANCHITO DEL RIO
Owner/Operator City,State,Zip:	RANCHO SANTA FE, CA 92067
Owner/Operator Telephone:	619-846-2225
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

MOTUS BIOSCIENCES INC (Continued)

1026057218

Owner/Operator Indicator: Owner
Owner/Operator Name: BRIAN KASPAR
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 17585 RANCHITO DEL RIO
Owner/Operator City,State,Zip: RANCHO SANTA FE, CA 92067
Owner/Operator Telephone: 619-846-2225
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20220203
Handler Name: MOTUS BIOSCIENCES INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20200311
Handler Name: MOTUS BIOSCIENCES
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
 EPA ID Number

Q235 **INFIXION BIOSCIENCE INC** **RCRA NonGen / NLR** **1026171243**
SSE **3210 MERRYFIELD ROW #2606-5A** **CAL000454814**
1/8-1/4 **SAN DIEGO, CA 92121**
0.239 mi.
1263 ft. **Site 75 of 113 in cluster Q**

Relative: Higher	RCRA Listings:		
	Date Form Received by Agency:		20200529
Actual: 318 ft.	Handler Name:	INFIXION BIOSCIENCE INC	
	Handler Address:		3210 MERRYFIELD ROW #2606-5A
	Handler City,State,Zip:		SAN DIEGO, CA 92121
	EPA ID:		CAL000454814
	Contact Name:		HERB SARNOFF
	Contact Address:		2435 CARROLL LN
	Contact City,State,Zip:		ESCONDIDO, CA 92027
	Contact Telephone:		760-855-1477
	Contact Fax:		760-746-9718
	Contact Email:		HERB@INFIXIONBIO.COM
	Contact Title:		Not reported
	EPA Region:		09
	Land Type:		Not reported
	Federal Waste Generator Description:		Not a generator, verified
	Non-Notifier:		Not reported
	Biennial Report Cycle:		Not reported
	Accessibility:		Not reported
	Active Site Indicator:		Not reported
	State District Owner:		Not reported
	State District:		Not reported
	Mailing Address:		2435 CARROLL LN
	Mailing City,State,Zip:		ESCONDIDO, CA 92027
	Owner Name:	INFIXION BIOSCIENCE INC	
	Owner Type:		Other
	Operator Name:	HERB SARNOFF	
	Operator Type:		Other
	Short-Term Generator Activity:		No
	Importer Activity:		No
	Mixed Waste Generator:		No
	Transporter Activity:		No
	Transfer Facility Activity:		No
	Recycler Activity with Storage:		No
	Small Quantity On-Site Burner Exemption:		No
	Smelting Melting and Refining Furnace Exemption:		No
	Underground Injection Control:		No
	Off-Site Waste Receipt:		No
	Universal Waste Indicator:		No
	Universal Waste Destination Facility:		No
	Federal Universal Waste:		No
	Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
	Active Site Converter Treatment storage and Disposal Facility:		Not reported
	Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
	Active Site State-Reg Handler:		---
	Federal Facility Indicator:		Not reported
	Hazardous Secondary Material Indicator:		N
	Sub-Part K Indicator:		Not reported
	Commercial TSD Indicator:		No
	Treatment Storage and Disposal Type:		Not reported
	2018 GPRA Permit Baseline:		Not on the Baseline
	2018 GPRA Renewals Baseline:		Not on the Baseline
	Permit Renewals Workload Universe:		Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

INFIXION BIOSCIENCE INC (Continued)

1026171243

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20200608
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: HERB SARNOFF
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2435 CARROLL LN
Owner/Operator City,State,Zip: ESCONDIDO, CA 92027
Owner/Operator Telephone: 760-855-1477
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: INFIXION BIOSCIENCE INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2435 CARROLL LN
Owner/Operator City,State,Zip: ESCONDIDO, CA 92027
Owner/Operator Telephone: 760-855-1477
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

INFIXION BIOSCIENCE INC (Continued)

1026171243

Historic Generators:

Receive Date: 20200529
Handler Name: INFIXION BIOSCIENCE INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q236
SSE
1/8-1/4
0.239 mi.
1263 ft.

AMPLYX PHARMACEUTICALS
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 76 of 113 in cluster Q

RCRA NonGen / NLR **1024834985**
CAL000376286

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
Date Form Received by Agency: 20120713
Handler Name: AMPLYX PHARMACEUTICALS
Handler Address: 3210 MERRYFIELD ROW
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000376286
Contact Name: JON COVEL
Contact Address: 6181 CORNERSTONE COURT EAST
Contact City,State,Zip: SAN DIEGO, CA 92121
Contact Telephone: 858-888-2876
Contact Fax: Not reported
Contact Email: JON.COVEL@AMPLYX.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 6181 CORNERSTONE COURT EAST
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: AMPLYX PHARMACEUTICALS INC

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

AMPLYX PHARMACEUTICALS (Continued)

1024834985

Owner Type:		Other
Operator Name:	JON COVEL	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20180906
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

AMPLYX PHARMACEUTICALS (Continued)

1024834985

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: AMPLYX PHARMACEUTICALS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6181 CORNERSTONE COURT EAST
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-888-2876
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JON COVEL
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6181 CORNERSTONE COURT EAST
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-888-2876
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20120713
Handler Name: AMPLYX PHARMACEUTICALS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

Q237 **ORPHI THERAPEUTICS INCORPORATED** **RCRA NonGen / NLR** **1024874130**
SSE **3210 MERRYFIELD ROW**
1/8-1/4 **SAN DIEGO, CA 92121**
0.239 mi.
1263 ft. **Site 77 of 113 in cluster Q**

Relative: Higher	RCRA Listings:		
	Date Form Received by Agency:		20190128
	Handler Name:	ORPHI THERAPEUTICS INCORPORATED	
	Handler Address:		3210 MERRYFIELD ROW
	Handler City,State,Zip:		SAN DIEGO, CA 92121-1126
	EPA ID:		CAL000442785
	Contact Name:		ERIC SJOBERG
	Contact Address:		3210 MERRYFIELD ROW
	Contact City,State,Zip:		SAN DIEGO, CA 92121
	Contact Telephone:		732-804-9533
	Contact Fax:		Not reported
	Contact Email:		ESJOBERG@ORPHITHERAPEUTICS.COM
	Contact Title:		Not reported
	EPA Region:		09
	Land Type:		Not reported
	Federal Waste Generator Description:		Not a generator, verified
	Non-Notifier:		Not reported
	Biennial Report Cycle:		Not reported
	Accessibility:		Not reported
	Active Site Indicator:		Handler Activities
	State District Owner:		Not reported
	State District:		Not reported
	Mailing Address:		3210 MERRYFIELD ROW
	Mailing City,State,Zip:		SAN DIEGO, CA 92121-1126
	Owner Name:	ORPHI THERAPEUTICS INCORPORATED	
	Owner Type:		Other
	Operator Name:	ERIC SJOBERG	
	Operator Type:		Other
	Short-Term Generator Activity:		No
	Importer Activity:		No
	Mixed Waste Generator:		No
	Transporter Activity:		No
	Transfer Facility Activity:		No
	Recycler Activity with Storage:		No
	Small Quantity On-Site Burner Exemption:		No
	Smelting Melting and Refining Furnace Exemption:		No
	Underground Injection Control:		No
	Off-Site Waste Receipt:		No
	Universal Waste Indicator:		Yes
	Universal Waste Destination Facility:		Yes
	Federal Universal Waste:		No
	Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
	Active Site Converter Treatment storage and Disposal Facility:		Not reported
	Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
	Active Site State-Reg Handler:		---
	Federal Facility Indicator:		Not reported
	Hazardous Secondary Material Indicator:		N
	Sub-Part K Indicator:		Not reported
	Commercial TSD Indicator:		No
	Treatment Storage and Disposal Type:		Not reported
	2018 GPRA Permit Baseline:		Not on the Baseline
	2018 GPRA Renewals Baseline:		Not on the Baseline
	Permit Renewals Workload Universe:		Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ORPHI THERAPEUTICS INCORPORATED (Continued)

1024874130

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20190222
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: ORPHI THERAPEUTICS INCORPORATED
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121-1126
Owner/Operator Telephone: 732-804-9533
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ERIC SJOBERG
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 732-804-9533
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORPHI THERAPEUTICS INCORPORATED (Continued)

1024874130

Historic Generators:

Receive Date: 20190128
Handler Name: ORPHI THERAPEUTICS INCORPORATED
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q238
SSE
1/8-1/4
0.239 mi.
1263 ft.

OCEANSIDE BIOTECHNOLOGY
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 78 of 113 in cluster Q

RCRA NonGen / NLR **1024872695**
CAL000441343

Relative:
Higher
Actual:
318 ft.

RCRA Listings:

Date Form Received by Agency: 20181129
Handler Name: OCEANSIDE BIOTECHNOLOGY
Handler Address: 3210 MERRYFIELD ROW
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000441343
Contact Name: DOUGLAS ETHELL
Contact Address: 5902 SPEYSIDE RD
Contact City,State,Zip: RIVERSIDE, CA 92507
Contact Telephone: 951-522-5758
Contact Fax: Not reported
Contact Email: DETHELL@OSBIOTECH.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 5902 SPEYSIDE RD
Mailing City,State,Zip: RIVERSIDE, CA 92507
Owner Name: DOUGLAS ETHELL

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

OCEANSIDE BIOTECHNOLOGY (Continued)

1024872695

Owner Type:		Other
Operator Name:	DOUGLAS ETHELL	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDs Where RCRA CA has Been Imposed Universe:		No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20181220
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

OCEANSIDE BIOTECHNOLOGY (Continued)

1024872695

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: DOUGLAS ETHELL
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5902 SPEYSIDE RD
Owner/Operator City,State,Zip: RIVERSIDE, CA 92507
Owner/Operator Telephone: 951-522-5758
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DOUGLAS ETHELL
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5902 SPEYSIDE RD
Owner/Operator City,State,Zip: RIVERSIDE, CA 92507
Owner/Operator Telephone: 951-522-5758
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20181129
Handler Name: OCEANSIDE BIOTECHNOLOGY
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

Q239 VELOS BIO INC RCRA NonGen / NLR 1024872685
SSE 3210 MERRYFIELD ROW CAL000441333
1/8-1/4 SAN DIEGO, CA 92121
0.239 mi. Site 79 of 113 in cluster Q
1263 ft.

**Relative:
 Higher**

RCRA Listings:
 Date Form Received by Agency: 20181129
 Handler Name: VELOS BIO INC
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000441333
 Contact Name: KATTI JESSEN
 Contact Address: 3210 MERRYFIELD ROW
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-337-1706
 Contact Fax: Not reported
 Contact Email: KATTI@VELOS BIO.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 3210 MERRYFIELD ROW
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: VELOS BIO INC
 Owner Type: Other
 Operator Name: KATTI JESSEN
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: Yes
 Universal Waste Destination Facility: Yes
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPRA Permit Baseline: Not on the Baseline
 2018 GPRA Renewals Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not reported

**Actual:
 318 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

VELOS BIO INC (Continued)

1024872685

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20181220
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: KATTI JESSEN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-337-1706
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: VELOS BIO INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 650-727-2032
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

VELOS BIO INC (Continued)

1024872685

Historic Generators:

Receive Date: 20181129
Handler Name: VELOS BIO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q240
SSE
1/8-1/4
0.239 mi.
1263 ft.

JLABS
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 80 of 113 in cluster Q

RCRA NonGen / NLR **1024872995**
CAL000441644

Relative:
Higher
Actual:
318 ft.

RCRA Listings:

Date Form Received by Agency: 20181207
Handler Name: JLABS
Handler Address: 3210 MERRYFIELD ROW
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000441644
Contact Name: PHILLIP KIM
Contact Address: 3210 MERRYFIELD ROW
Contact City,State,Zip: SAN DIEGO, CA 92121
Contact Telephone: 310-218-7553
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 3210 MERRYFIELD ROW
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: PHILLIP KIM

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

JLABS (Continued)

1024872995

Owner Type:		Other
Operator Name:	PHILLIP KIM	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSD Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20181220
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

JLABS (Continued)

1024872995

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: PHILLIP KIM
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 310-218-7553
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PHILLIP KIM
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6418 LILAC WAY
Owner/Operator City,State,Zip: SAN DIEGO, CA 92130
Owner/Operator Telephone: 310-218-7553
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20181207
Handler Name: JLABS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

Q241 **CREYON BIO INC** **CA San Diego Co. HMMD** **S124914087**
SSE **3210 MERRYFIELD ROW** **CA CERS HAZ WASTE** **N/A**
1/8-1/4 **SAN DIEGO, CA 92121** **CA HAZNET**
0.239 mi. **Site 81 of 113 in cluster Q** **CA CERS**
1263 ft. **CA HWTS**

Relative:
Higher
Actual:
318 ft.

HMMD SAN DIEGO:
 Name: PERSOPHONE BIOSCIENCES, INC
 Address: 3210 MERRYFIELD ROW
 City,State,Zip: SAN DIEGO, CA 92121-1126
 Permit Number: Not reported
 Business Type: Not reported
 EPA Id Number: CAL000429049
 APN: Not reported
 Last HMMD Inspection: Not reported
 Facility Telephone: 8582328733
 Permit Status: Permit Renewed
 Permit Expiration: Not reported
 Date Last Updated: 08/24/2022
 Facility Owner: Not reported
 Facility Mailing Address: 3210 Merryfield Row, San Diego, CA 92121
 Facility Mailing City: Not reported
 Facility Mailing State: Not reported
 Facility Mailing Zip: Not reported
 UST Owner: N
 Handle Regulated Hazmat: Not reported
 Own Or Operate UST: Not reported
 Subject To APSA: Not reported
 Generate Haz Waste: Y
 Treat Haz Waste: N
 Generate Medical Waste: Not reported

Inspection Violation:
 Record ID: DEH2017-HUPFP-003783
 Permit Status: Permit Renewed
 Active Permit: Y
 Facility Id Number: 37-000-003783
 Program Element: Hazardous Waste Generator
 Inspection Type: Routine
 Inspection Number: 6310361
 Return To Compliance Date: 2020-02-20T00:00:00.000
 Nov: No
 Violation Classification: Class II
 Underground Storage Tank Id: Not reported
 Container/Tank Id: Not reported
 Last Update: 2021-12-23T00:00:00.000
 Inspection Date: 2020-02-20T15:17:11.000
 Violation Code: HMD0152 Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2)

Waste and Materials:
 Record ID: DEH2017-HUPFP-003783
 Permit Status: Permit Renewed
 Active Permit: Y
 Child Record Id: DEH2017-HWAST-0137135
 Trade Secret: N
 Hazardous Material Type: Not reported
 Last Updated: 2019-05-29T01:27:11.000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Chemical Name: organic waste - hazardous waste liquid
Common Name: organic waste - hazardous waste liquid
Case Number: Not reported

Record ID: DEH2017-HUPFP-003783
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0218793
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-23T02:31:30.000
Chemical Name: red bag waste
Common Name: red bag waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003783
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0218794
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-23T02:31:30.000
Chemical Name: sharps waste
Common Name: sharps waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003783
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0218795
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-23T02:31:30.000
Chemical Name: hazardous waste solid - lab debris
Common Name: hazardous waste solid - lab debris
Case Number: Not reported

Record ID: DEH2017-HUPFP-003783
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0218796
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-23T02:31:30.000
Chemical Name: organic waste - hazardous waste liquid
Common Name: organic waste - hazardous waste liquid
Case Number: Not reported

Record ID: DEH2017-HUPFP-003783
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0218797
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-23T02:31:30.000
Chemical Name: Growth media waste
Common Name: Growth media waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Case Number:	Not reported
Record ID:	DEH2017-HUPFP-003783
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0218791
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-12-23T02:31:30.000
Chemical Name:	DNA extraction waste - hazardous waste
Common Name:	DNA extraction waste - hazardous waste
Case Number:	Not reported
Record ID:	DEH2017-HUPFP-003783
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0218792
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-12-23T02:31:30.000
Chemical Name:	HPLC Waste
Common Name:	HPLC Waste
Case Number:	Not reported
Record ID:	DEH2017-HUPFP-003783
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0137130
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2019-05-29T01:27:11.000
Chemical Name:	DNA extraction waste - hazardous waste
Common Name:	DNA extraction waste - hazardous waste
Case Number:	Not reported
Record ID:	DEH2017-HUPFP-003783
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0137131
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2019-05-29T01:27:11.000
Chemical Name:	HPLC Waste
Common Name:	HPLC Waste
Case Number:	Not reported
Record ID:	DEH2017-HUPFP-003783
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0137132
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2019-05-29T01:27:11.000
Chemical Name:	red bag waste
Common Name:	red bag waste
Case Number:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Record ID: DEH2017-HUPFP-003783
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0137133
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-05-29T01:27:11.000
Chemical Name: sharps waste
Common Name: sharps waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003783
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0137134
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-05-29T01:27:11.000
Chemical Name: hazardous waste solid - lab debris
Common Name: hazardous waste solid - lab debris
Case Number: Not reported

Name: MABLYTICS, INC.
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121-1126
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000451935
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 7328049533
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 10/27/2022
Facility Owner: Not reported
Facility Mailing Address: 3210 Merryfield Row, San Diego, CA 92121
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Waste and Materials:
Record ID: DEH2019-HUPFP-005520
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237178
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-16T02:34:17.000
Chemical Name: Flammable waste
Common Name: Flammable waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Case Number: Not reported
Record ID: DEH2019-HUPFP-005520
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237179
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-16T02:34:17.000
Chemical Name: Lab Debris Waste
Common Name: Lab Debris Waste
Case Number: Not reported

Record ID: DEH2019-HUPFP-005520
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237180
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-16T02:34:17.000
Chemical Name: Red Bag Waste
Common Name: Red Bag Waste
Case Number: Not reported

Record ID: DEH2019-HUPFP-005520
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237181
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-16T02:34:17.000
Chemical Name: Biohazardous sharps waste
Common Name: Biohazardous sharps waste
Case Number: Not reported

Record ID: DEH2019-HUPFP-005520
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237182
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-16T02:34:17.000
Chemical Name: Liquid Biohazardous Waste
Common Name: Liquid Biohazardous Waste
Case Number: Not reported

CERS HAZ WASTE:
Name: MABLYTICS, INC.
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 523013
CERS ID: 10792123
CERS Description: Hazardous Waste Generator

Name: XOSOMIX, LLC
Address: 3210 MERRYFIELD ROW

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

City,State,Zip: SAN DIEGO, CA 92121
Site ID: 596298
CERS ID: 10881760
CERS Description: Hazardous Waste Generator

Name: PERSOPHONE BIOSCIENCES, INC
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 425272
CERS ID: 10741855
CERS Description: Hazardous Waste Generator

Name: ALUM BIOSCIENCES
Address: 3210 MERRYFIELD ROW # 2406K-1
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 559377
CERS ID: 10489558
CERS Description: Hazardous Waste Generator

Name: NAVEGA THERAPEUTICS
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 566301
CERS ID: 10842934
CERS Description: Hazardous Waste Generator

Name: IAVI
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 595808
CERS ID: 10881646
CERS Description: Hazardous Waste Generator

Name: BASILARD BIOTECH, INC.
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 596943
CERS ID: 10887016
CERS Description: Hazardous Waste Generator

Name: ONCOSENX
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 612754
CERS ID: 10846075
CERS Description: Hazardous Waste Generator

Name: MOTUS BIOSCIENCES
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 566579
CERS ID: 10843657
CERS Description: Hazardous Waste Generator

Name: INFIXION BIOSCIENCE, INC.
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Site ID: 566402
CERS ID: 10843552
CERS Description: Hazardous Waste Generator

Name: SCALE BIOSCIENCES
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 571742
CERS ID: 10863325
CERS Description: Hazardous Waste Generator

Name: PALM THERAPEUTICS, INC.
Address: 3210 MERRYFIELD ROW # 2513-4CD
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 570467
CERS ID: 10859179
CERS Description: Hazardous Waste Generator

Name: PROTEGO BIOPHARMA, INC
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 567706
CERS ID: 10484266
CERS Description: Hazardous Waste Generator

Name: PERCEIVE BIOTHERAPEUTICS
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 574885
CERS ID: 10870702
CERS Description: Hazardous Waste Generator

Name: CREYONBIO INC
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 569020
CERS ID: 10853509
CERS Description: Hazardous Waste Generator

HAZNET:

Name: PERSEPHONE BIOSCIENCES
Address: 3210 MERRYFIELD ROW
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Contact: STEPHEN VAN DIEN
Telephone: 8582328733
Mailing Name: Not reported
Mailing Address: 3210 MERRYFIELD ROW

Year: 2021
Gepaid: CAL000429049
TSD EPA ID: CAD044429835
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Tons: 0.0065

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Year:	2021
Gepaid:	CAL000456132
TSD EPA ID:	NED981723513
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.02
Year:	2021
Gepaid:	CAL000454814
TSD EPA ID:	NED981723513
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.149
Year:	2021
Gepaid:	CAL000454814
TSD EPA ID:	CAD044429835
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.013
Year:	2021
Gepaid:	CAL000453411
TSD EPA ID:	NED981723513
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.0185
Year:	2021
Gepaid:	CAL000438521
TSD EPA ID:	NED981723513
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.0055
Year:	2020
Gepaid:	CAL000438521
TSD EPA ID:	CAD044429835
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.005
Year:	2020
Gepaid:	CAL000429049
TSD EPA ID:	NED981723513
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.0135
Year:	2020
Gepaid:	CAL000429049
TSD EPA ID:	UTD981552177
CA Waste Code:	343 - Unspecified organic liquid mixture

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.006

Year: 2020
Gepaid: CAL000429049
TSD EPA ID: UTD981552177
CA Waste Code: 131 - Aqueous solution (2 < pH < 12.5) containing reactive anions ...
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.003

[Click this hyperlink](#) while viewing on your computer to access
2 additional CA HAZNET: record(s) in the EDR Site Report.

Detail Two:

Year: 2020
EM Manifest ID: 2d7d662a-5e5f-434d-930a-cdc856953211
Shipment Date: 11/19/2020
Receipt Date: 12/7/2020
Manifest Number: 015249742FLE
Generator EPA ID: CAL000429049
Name: PERSEPHONE BIOME
Address: 3210 MERRYFIELD ROW
Address 2: Suites- 2606-4
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718
Contact: Stephen Van Dien
Contact Telephone: 858-232-8733
Transporter 1 EPA ID: MAD039322250
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MOD095038998
Transporter 2 Emergency Number: Not reported
TSD EPA ID: UTD981552177
TSD Name: Clean Harbors Aragonite LLC
TSD Address 1: 11600 North Apts Road
TSD Address 2: Not reported
TSD City: Grantsville
TSD Zip: 84029
TSD Telephone: 800-483-3718

Federal:

Year: 2020
EM Manifest ID: 2d7d662a-5e5f-434d-930a-cdc856953211
Generator EPA ID: CAL000429049
Shipment Date: 2020-11-19
Manifest Number: 015249742FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.00600
Quantity Waste: 12.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

State:

Year: 2020
EM Manifest ID: 2d7d662a-5e5f-434d-930a-cdc856953211
Generator EPA ID: CAL000429049
Shipment Date: 2020-11-19
Manifest Number: 015249742FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.00600
Quantity Waste: 12.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
State Code: 343

Year: 2020
EM Manifest ID: c1340275-b390-4f0b-b637-b800f3d6e331
Shipment Date: 11/19/2020
Receipt Date: 12/11/2020
Manifest Number: 015249743FLE
Generator EPA ID: CAL000429049
Name: PERSEPHONE BIOME
Address: 3210 MERRYFIELD ROW
Address 2: Suites- 2606-4
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718
Contact: Stephen Van Dien
Contact Telephone: 858-232-8733
Transporter 1 EPA ID: MAD039322250
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: NED981723513
TSDf Name: Clean Harbors Environmental Services, Inc.
TSDf Address 1: 2247 South Highway 71
TSDf Address 2: Not reported
TSDf City: Kimball
TSDf Zip: 69145
TSDf Telephone: 800-483-3718

Federal:

Year: 2020
EM Manifest ID: c1340275-b390-4f0b-b637-b800f3d6e331
Generator EPA ID: CAL000429049
Shipment Date: 2020-11-19
Manifest Number: 015249743FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.01350
Quantity Waste: 27.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Federal Code: D001

State:

Year: 2020
EM Manifest ID: c1340275-b390-4f0b-b637-b800f3d6e331
Generator EPA ID: CAL000429049
Shipment Date: 2020-11-19
Manifest Number: 015249743FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.01350
Quantity Waste: 27.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
State Code: 343

Year: 2020
EM Manifest ID: 7b4d86a0-3fa0-425a-b923-e1e4fbe30abe
Shipment Date: 10/8/2020
Receipt Date: 10/14/2020
Manifest Number: 013829680FLE
Generator EPA ID: CAL000429049
Name: PERSEPHONE BIOME
Address: 3210 MERRYFIELD ROW
Address 2: Suites- 2606-4
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718
Contact: Stephen Van Dien
Contact Telephone: 858-232-8733
Transporter 1 EPA ID: MAD039322250
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MOD095038998
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: UTD981552177
TSDF Name: Clean Harbors Aragonite LLC
TSDF Address 1: 11600 North Aptus Road
TSDF Address 2: Not reported
TSDF City: Grantsville
TSDF Zip: 84029
TSDF Telephone: 800-483-3718

Federal:

Year: 2020
EM Manifest ID: 7b4d86a0-3fa0-425a-b923-e1e4fbe30abe
Generator EPA ID: CAL000429049
Shipment Date: 2020-10-08
Manifest Number: 013829680FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.00300
Quantity Waste: 6.000000
Quantity Unit: P
Number of Containers: 1

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D001

Year: 2020
EM Manifest ID: 7b4d86a0-3fa0-425a-b923-e1e4fbe30abe
Generator EPA ID: CAL000429049
Shipment Date: 2020-10-08
Manifest Number: 013829680FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.00300
Quantity Waste: 6.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D002

Year: 2020
EM Manifest ID: 7b4d86a0-3fa0-425a-b923-e1e4fbe30abe
Generator EPA ID: CAL000429049
Shipment Date: 2020-10-08
Manifest Number: 013829680FLE
Line Number: 2
Method Code: H040
Quantity Tons: 0.00950
Quantity Waste: 19.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D022

State:
Year: 2020
EM Manifest ID: 7b4d86a0-3fa0-425a-b923-e1e4fbe30abe
Generator EPA ID: CAL000429049
Shipment Date: 2020-10-08
Manifest Number: 013829680FLE
Line Number: 1
Method Code: H040
Quantity Tons: 0.00300
Quantity Waste: 6.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 131

Year: 2020
EM Manifest ID: 7b4d86a0-3fa0-425a-b923-e1e4fbe30abe
Generator EPA ID: CAL000429049
Shipment Date: 2020-10-08
Manifest Number: 013829680FLE
Line Number: 2
Method Code: H040

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Quantity Tons: 0.00950
Quantity Waste: 19.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 741

Detail Two:

Year: 2020
EM Manifest ID: 7d6dbd03-fb05-4aec-894b-a520a6ea571a
Shipment Date: 9/11/2020
Receipt Date: 9/17/2020
Manifest Number: 013829391FLE
Generator EPA ID: CAL000438521
Name: CESSATION THERAPEUTICS
Address: 3210 MERRYFIELD ROW
Address 2: Suite ? 2406H
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718
Contact: Paul Bremer
Contact Telephone: 612-202-1652
Transporter 1 EPA ID: MAD039322250
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: CAD044429835
TSDf Name: Clean Harbors Wilmington LLC
TSDf Address 1: 1737 East Denni Street
TSDf Address 2: Not reported
TSDf City: Wilmington
TSDf Zip: 90744
TSDf Telephone: 800-483-3718

Federal:

Year: 2020
EM Manifest ID: 7d6dbd03-fb05-4aec-894b-a520a6ea571a
Generator EPA ID: CAL000438521
Shipment Date: 2020-09-11
Manifest Number: 013829391FLE
Line Number: 1
Method Code: H141
Quantity Tons: 0.00500
Quantity Waste: 10.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D001

Year: 2020
EM Manifest ID: 7d6dbd03-fb05-4aec-894b-a520a6ea571a
Generator EPA ID: CAL000438521
Shipment Date: 2020-09-11
Manifest Number: 013829391FLE

Map ID
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Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

CREYON BIO INC (Continued)

S124914087

Line Number: 1
Method Code: H141
Quantity Tons: 0.00500
Quantity Waste: 10.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: U108

State:

Year: 2020
EM Manifest ID: 7d6dbd03-fb05-4aec-894b-a520a6ea571a
Generator EPA ID: CAL000438521
Shipment Date: 2020-09-11
Manifest Number: 013829391FLE
Line Number: 1
Method Code: H141
Quantity Tons: 0.00500
Quantity Waste: 10.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

Detail Two:

Year: 2020
EM Manifest ID: a1e05b35-8308-48c9-804c-bb28e053c31b
Shipment Date: 11/5/2020
Receipt Date: 11/27/2020
Manifest Number: 015249607FLE
Generator EPA ID: CAL000454814
Name: INFIXION BIOSCIENCE INC
Address: 3210 MERRYFIELD ROW
Address 2: Suite 2606-5A
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718
Contact: Michelle Mattson
Contact Telephone: 360-490-0700
Transporter 1 EPA ID: MAD039322250
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: NED981723513
TSDf Name: Clean Harbors Environmental Services, Inc.
TSDf Address 1: 2247 South Highway 71
TSDf Address 2: Not reported
TSDf City: Kimball
TSDf Zip: 69145
TSDf Telephone: 800-483-3718

State:

Year: 2020
EM Manifest ID: a1e05b35-8308-48c9-804c-bb28e053c31b

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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Generator EPA ID: CAL000454814
Shipment Date: 2020-11-05
Manifest Number: 015249607FLE
Line Number: 1
Method Code: H141
Quantity Tons: 0.02150
Quantity Waste: 43.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 352

Year: 2020
EM Manifest ID: fdd83025-355a-4a49-9733-4ae99bfd3d4
Shipment Date: 10/1/2020
Receipt Date: 10/19/2020
Manifest Number: 013829623FLE
Generator EPA ID: CAL000454814
Name: INFIXION BIOSCIENCE INC
Address: 3210 MERRYFIELD ROW
Address 2: Suite 2606-5A
City: SAN DIEGO
Zip: 92121
Telephone: 800-483-3718
Contact: Michelle Mattson
Contact Telephone: 360-490-0700
Transporter 1 EPA ID: MAD039322250
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MOD095038998
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: NED981723513
TSDf Name: Clean Harbors Environmental Services, Inc.
TSDf Address 1: 2247 South Highway 71
TSDf Address 2: Not reported
TSDf City: Kimball
TSDf Zip: 69145
TSDf Telephone: 800-483-3718

State:

Year: 2020
EM Manifest ID: fdd83025-355a-4a49-9733-4ae99bfd3d4
Generator EPA ID: CAL000454814
Shipment Date: 2020-10-01
Manifest Number: 013829623FLE
Line Number: 1
Method Code: H141
Quantity Tons: 0.02000
Quantity Waste: 40.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 352

Map ID
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MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

CREYON BIO INC (Continued)

S124914087

CERS:

Name: BASILARD BIOTECH, INC.
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 596943
CERS ID: 10887016
CERS Description: Chemical Storage Facilities

Coordinates:

Site ID: 596943
Facility Name: Basilard BioTech, Inc.
Env Int Type Code: HMBP
Program ID: 10887016
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 32.900980
Longitude: -117.234410

Affiliation:

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Identification Signer
Entity Name: Brynley Lee
Entity Title: CEO
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Basilard BioTech, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Affiliation Phone: ,
Affiliation Type Desc: Environmental Contact
Entity Name: James Onuffer
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Basilard BioTech, Inc
Entity Title: Not reported
Affiliation Address: 41593 Winchester Rd, Suite 200, PMB#278
Affiliation City: Temecula
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92590
Affiliation Phone: (818) 749-6330,

Affiliation Type Desc: Operator
Entity Name: Basilard BioTech, Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (818) 749-6330,

Name: INFIXION BIOSCIENCE, INC.
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 566402
CERS ID: 10843552
CERS Description: Chemical Storage Facilities

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Herb Sarnoff
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: JLABS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Affiliation Zip: Not reported
Affiliation Phone: (858) 945-2239,

Affiliation Type Desc: Parent Corporation
Entity Name: Infixion Bioscience, Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Legal Owner
Entity Name: Herb Sarnoff
Entity Title: Not reported
Affiliation Address: 2435 CARROLL LN
Affiliation City: Escondido
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92027
Affiliation Phone: (760) 855-1477,

Affiliation Type Desc: Environmental Contact
Entity Name: Herb Sarnoff
Entity Title: Not reported
Affiliation Address: 2435 CARROLL LN
Affiliation City: Escondido
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92027
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3210 Merryfileld Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Herb Sarnoff
Entity Title: CEO
Affiliation Address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: MOTUS BIOSCIENCES
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 566579
CERS ID: 10843657
CERS Description: Chemical Storage Facilities

Affiliation:

Affiliation Type Desc: Parent Corporation
Entity Name: Motus Biosciences
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
Entity Name: Allan Kaspar
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Brian Kaspar
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (619) 846-2225,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Affiliation Address: 3210 Merryfield Road
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Allan Kaspar
Entity Title: Vice President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Allan Kaspar
Entity Title: Not reported
Affiliation Address: 5965 Village Way, Ste. E105
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Allan Kaspar
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 735-3816,

Name: PROTEGO BIOPHARMA, INC
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 567706
CERS ID: 10484266
CERS Description: Chemical Storage Facilities

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Xin Jiang
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Xin Jiang
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 531-2218,

Affiliation Type Desc: Environmental Contact
Entity Name: Xin Jiang
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Xin Jiang
Entity Title: CEO
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Operator
Entity Name: Xin Jiang
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 531-2187,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Affiliation Type Desc: Parent Corporation
Entity Name: Protego Biopharma, Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: PERCEIVE BIOTHERAPEUTICS
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 574885
CERS ID: 10870702
CERS Description: Chemical Storage Facilities

Coordinates:
Site ID: 574885
Facility Name: Perceive Biotherapeutics
Env Int Type Code: HMBP
Program ID: 10870702
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 32.901010
Longitude: -117.234650

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Environmental Contact
Entity Name: Risa Broyer
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Perceive Biotherapeutics
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Risa Broyer
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Perceive Biotherapeutics
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 342-7098,

Affiliation Type Desc: Operator
Entity Name: Risa Broyer
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 342-7098,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Risa Broyer
Entity Title: Senior Scientist
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: NAVEGA THERAPEUTICS
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 566301

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

CERS ID: 10842934
CERS Description: Chemical Storage Facilities

Affiliation:

Affiliation Type Desc: Document Preparer
Entity Name: Fernando Aleman
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: Janssen Research & Development
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 450-2000,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Environmental Contact
Entity Name: Fernando Aleman
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Ana Moreno
Entity Title: CEO
Affiliation Address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Fernando Aleman
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 729-8345,

Affiliation Type Desc: Parent Corporation
Entity Name: Navega Therapeutics
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Ana Moreno
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (928) 750-1629,

Name: PALM THERAPEUTICS, INC.
Address: 3210 MERRYFIELD ROW # 2513-4CD
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 570467
CERS ID: 10859179
CERS Description: Chemical Storage Facilities

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Andrew Rudd
Entity Title: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (630) 567-8339,

Affiliation Type Desc: Operator
Entity Name: Andrew Rudd
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (630) 567-8339,

Affiliation Type Desc: Parent Corporation
Entity Name: Palm Therapeutics, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
Entity Name: Andrew Rudd
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Andrew Rudd
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Affiliation Type Desc: Identification Signer
Entity Name: Andrew Rudd
Entity Title: CEO
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: SCALE BIOSCIENCES
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 571742
CERS ID: 10863325
CERS Description: Chemical Storage Facilities

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
Entity Name: Frank Steemers
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Frank Steemers
Entity Title: VP of R&D
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Frank Steemers
Entity Title: Not reported
Affiliation Address: 3210 MERRYFIELD ROW
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Affiliation Type Desc: Operator
Entity Name: Frank Steemers
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (760) 815-5656,

Affiliation Type Desc: Parent Corporation
Entity Name: Scale Biosciences
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3210 MERRYFIELD ROW
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Sean Scott
Entity Title: Not reported
Affiliation Address: 315 Laning Dr
Affiliation City: Woodside
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94062
Affiliation Phone: (650) 850-9422,

Name: MABLYTICS, INC.
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 523013
CERS ID: 10792123
CERS Description: Chemical Storage Facilities

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

CREYON BIO INC (Continued)

S124914087

Affiliation Type Desc: Identification Signer
Entity Name: ERIC SJOBERG
Entity Title: CSO
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Mablytics, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (732) 804-9533,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Eric Sjoberg
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (732) 804-9533,

Affiliation Type Desc: Document Preparer
Entity Name: Eric Sjoberg
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Eric Sjoberg
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Mablytics Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: ONCOSENX
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 612754
CERS ID: 10846075
CERS Description: Chemical Storage Facilities

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
Entity Name: Jailal Ablack
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Jailal Ablack
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Jailal Ablack
Entity Title: Head of Preclinical Research
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row, Room 2220
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: OncoSenX
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Matthew Scholz
Entity Title: Not reported
Affiliation Address: 701 5th Avenue, Suite 4200
Affiliation City: Seattle
Affiliation State: WA
Affiliation Country: United States
Affiliation Zip: 98104
Affiliation Phone: (206) 992-0762,

Affiliation Type Desc: Operator
Entity Name: Jailal Ablack
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (323) 646-2823,

Name: CREYONBIO INC
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 569020
CERS ID: 10853509
CERS Description: Chemical Storage Facilities

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Khirud Gogoi
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: CHRISTOPHER HART
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (760) 277-3667,

Affiliation Type Desc: Parent Corporation
Entity Name: CreyonBio Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Khirud Gogoi
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Khirud Gogoi
Entity Title: Director of Synthesis
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Khirud Gogoi

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (760) 419-8871,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Name: IAVI
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 595808
CERS ID: 10881646
CERS Description: Chemical Storage Facilities

Coordinates:
Site ID: 595808
Facility Name: IAVI
Env Int Type Code: HMBP
Program ID: 10881646
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 32.900980
Longitude: -117.234410

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Hayden Schmidt
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: IAVI
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Map ID
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MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

CREYON BIO INC (Continued)

S124914087

Affiliation Type Desc: Identification Signer
Entity Name: Arlyne Beeche
Entity Title: Senior Program Manager, ADD, AMR
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Devin Sok
Entity Title: Not reported
Affiliation Address: 10550 N Torrey Pines Rd IMM bldg
Affiliation City: La Jolla
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92037
Affiliation Phone: (858) 784-1000,

Affiliation Type Desc: Operator
Entity Name: Devin Sok
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (978) 761-6740,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Name: PERSOPHONE BIOSCIENCES, INC
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 425272
CERS ID: 10741855
CERS Description: Chemical Storage Facilities

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

CREYON BIO INC (Continued)

S124914087

Violations:

Site ID: 425272
Site Name: Persophone Biosciences, Inc
Violation Date: 02-20-2020
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 02/20/2020. Inspection Sequence ID:6310361;Violation:HMD0152 Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2)
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-20-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Paras Kathryn Inspection ID:6310361
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-13-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:5783820
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Document Preparer
Entity Name: Stephen VanDien
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Operator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Entity Name: Persephone Biosciences, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 232-8733,

Affiliation Type Desc: Environmental Contact
Entity Name: Stephen Van Dien
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Stephanie Culler
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (714) 595-0649,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Identification Signer
Entity Name: Stephen Van Dien
Entity Title: CTO and Safety Officer
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Persophone Biome, Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Affiliation Phone: ,

Name: XOSOMIX, LLC
Address: 3210 MERRYFIELD ROW
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 596298
CERS ID: 10881760
CERS Description: Chemical Storage Facilities

Coordinates:
Site ID: 596298
Facility Name: Xosomix, LLC
Env Int Type Code: HMBP
Program ID: 10881760
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 32.900980
Longitude: -117.234410

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Pranav Sharma
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Xosomix, LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Pranav Sharma
Entity Title: Chief Scientific Officer
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Pranav Sharma
Entity Title: Not reported
Affiliation Address: 3210 Merryfield Row
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 242-1576,

Affiliation Type Desc: Operator
Entity Name: Pranav Sharma
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 242-1576,

HWTS:

Name: PROTEGO BIOPHARMA
Address: 3210 MERRYFIELD ROW STE 2504 A
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000386487
Inactive Date: Not reported
Create Date: 06/21/2013
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 3210 MERRYFIELD ROW
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 921210000
Owner Name: MISFOLDING DIAGNOSTICS INC
Owner Address: 3210 MERRYFIELD ROW
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 92121
Contact Name: XIN JIANG
Contact Address: 3210 MERRYFIELD ROW
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Active

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Facility Type: PERMANENT
Category: STATE
Latitude: 32.90104
Longitude: -117.2349
NAICS:
EPA ID: CAL000386487
Create Date: 2013-06-21 11:27:30.480
NAICS Code: 621512
NAICS Description: Diagnostic Imaging Centers
Issued EPA ID Date: 2013-06-21 11:27:30.47300
Inactive Date: Not reported
Facility Name: PROTEGO BIOPHARMA
Facility Address: 3210 MERRYFIELD ROW STE 2504 A
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 92121

Name: ONCOSENX
Address: 3210 MERRYFIELD RD RM 2513
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000453255
Inactive Date: 06/30/2020
Create Date: 03/04/2020
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 3210 MERRYFIELD RD RM 2513
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: ONCOSENX INC
Owner Address: 800 5TH AVE STE 4100
Owner Address 2: Not reported
Owner City,State,Zip: SEATTLE, WA 98104
Contact Name: JAILAL ABLACK
Contact Address: 3210 MERRYFIELD RD RM 2513
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 32.90086292
Longitude: -117.23743174

NAICS:
EPA ID: CAL000453255
Create Date: 2020-03-04 14:44:44.860
NAICS Code: 325412
NAICS Description: Pharmaceutical Preparation Manufacturing
Issued EPA ID Date: 2020-03-04 14:44:44.86000
Inactive Date: 2020-06-30 00:00:00
Facility Name: ONCOSENX
Facility Address: 3210 MERRYFIELD RD RM 2513
Facility Address 2: Not reported
Facility City: SAN DIEGO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Facility County: Not reported
Facility State: CA
Facility Zip: 92121

Name: MOTUS BIOSCIENCES INC
Address: 3210 MERRYFIELD ROW
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000453411
Inactive Date: 02/03/2022
Create Date: 03/11/2020
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 3210 MERRYFIELD ROW
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: MOTUS BIOSCIENCES INC
Owner Address: 3210 MERRYFIELD ROW
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 92121
Contact Name: ALLAN KASPAR
Contact Address: 3210 MERRYFIELD ROW
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 32.90086292
Longitude: -117.23743174

NAICS:

EPA ID: CAL000453411
Create Date: 2020-03-11 13:24:12.260
NAICS Code: 325412
NAICS Description: Pharmaceutical Preparation Manufacturing
Issued EPA ID Date: 2020-03-11 13:24:12.22700
Inactive Date: Not reported
Facility Name: MOTUS BIOSCIENCES
Facility Address: 3210 MERRYFIELD ROW STE 2304A
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 92121

Name: JLABS SAN DIEGO ICONOVIR BIO INC
Address: 3210 MERRYFIELD ROW STE 2509A
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000455787
Inactive Date: 06/30/2021
Create Date: 07/23/2020
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 3210 MERRYFIELD ROW STE 2509A
Mailing Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: ICONOVIR BIO
Owner Address: 689 5TH AVE 12TH FL
Owner Address 2: Not reported
Owner City,State,Zip: NEW YORK, NY 10022
Contact Name: MICHAEL LYMAN
Contact Address: 3210 MERRYFIELD ROW STE 2509A
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 32.90045253
Longitude: -117.23689264

NAICS:

EPA ID: CAL000455787
Create Date: 2020-07-23 15:04:12.987
NAICS Code: 325412
NAICS Description: Pharmaceutical Preparation Manufacturing
Issued EPA ID Date: 2020-07-23 15:04:12.97000
Inactive Date: Not reported
Facility Name: JLABS SAN DIEGO ICONOVIR BIO INC
Facility Address: 3210 MERRYFIELD ROW STE 2509A
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 92121

Name: VEPROBIO INC JLABS SAN DIEGO
Address: 3210 MERRYFIELD ROW STE 2221A-B-004
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000462417
Inactive Date: 06/30/2021
Create Date: 05/12/2021
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 3210 MERRYFIELD ROW STE 2221A-B-004
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: VECPROBIO INC
Owner Address: 13656 MIRA MONTANA WAY
Owner Address 2: Not reported
Owner City,State,Zip: DEL MAR, CA 92014
Contact Name: DANIEL GIBBS
Contact Address: 628 TORRANCE ST APT P
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92103
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 32.90044246
Longitude: -117.23688835

NAICS:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

EPA ID: CAL000462417
Create Date: 2021-05-12 09:23:51.483
NAICS Code: 541715
NAICS Description: Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)
Issued EPA ID Date: 2021-05-12 09:23:51.46700
Inactive Date: Not reported
Facility Name: VEPROBIO INC JLABS SAN DIEGO
Facility Address: 3210 MERRYFIELD ROW STE 2221A-B-004
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 92121

Name: INFIXION BIOSCIENCE INC
Address: 3210 MERRYFIELD ROW #2606-5A
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000454814
Inactive Date: Not reported
Create Date: 05/29/2020
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 2435 CARROLL LN
Mailing Address 2: Not reported
Mailing City,State,Zip: ESCONDIDO, CA 92027
Owner Name: INFIXION BIOSCIENCE INC
Owner Address: 2435 CARROLL LN
Owner Address 2: Not reported
Owner City,State,Zip: ESCONDIDO, CA 92027
Contact Name: HERB SARNOFF
Contact Address: 3210 MERRYFIELD ROW
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 921210000
Facility Status: Active
Facility Type: PERMANENT
Category: STATE
Latitude: 32.90086292
Longitude: -117.2374317

NAICS:

EPA ID: CAL000454814
Create Date: 2020-05-29 11:38:20.453
NAICS Code: 325412
NAICS Description: Pharmaceutical Preparation Manufacturing
Issued EPA ID Date: 2020-05-29 11:38:20.44000
Inactive Date: 2020-06-30 00:00:00
Facility Name: INFIXION BIOSCIENCE INC
Facility Address: 3210 MERRYFIELD ROW #2606-5A
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 92121

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Name: IAVI
Address: 3210 MERRYFIELD ROW
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000464409
Inactive Date: Not reported
Create Date: 07/30/2021
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 3210 MERRYFIELD ROW
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: MARK FEINBERG
Owner Address: 125 BROAD ST
Owner Address 2: Not reported
Owner City,State,Zip: NEW YORK, NY 10004
Contact Name: DEVIN SOK
Contact Address: 10550 N TORREY PINES RD IMM-2
Contact Address 2: Not reported
City,State,Zip: LA JOLLA, CA 92037
Facility Status: Active
Facility Type: PERMANENT
Category: STATE
Latitude: 32.90092299
Longitude: -117.235011

Name: PERSEPHONE BIOSCIENCES
Address: 3210 MERRYFIELD ROW
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000429049
Inactive Date: Not reported
Create Date: 07/10/2017
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 3210 MERRYFIELD ROW
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: PERSEPHONE BIOME
Owner Address: 3210 MERRYFIELD ROW
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 92121
Contact Name: STEPHEN VAN DIEN
Contact Address: 3210 MERRYFIELD ROW
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Active
Facility Type: PERMANENT
Category: STATE
Latitude: 32.90086292
Longitude: -117.2374317

NAICS:

EPA ID: CAL000429049
Create Date: 2017-07-10 15:13:34.040
NAICS Code: 325412
NAICS Description: Pharmaceutical Preparation Manufacturing
Issued EPA ID Date: 2017-07-10 15:13:34.04000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Inactive Date: Not reported
Facility Name: PERSEPHONE BIOSCIENCES
Facility Address: 3210 MERRYFIELD ROW
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 92121

Name: RECODAGEN LLC
Address: 3210 MERRYFIELD ROW
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000446110
Inactive Date: 04/14/2020
Create Date: 05/20/2019
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 177 E SOUTH ST
Mailing Address 2: Not reported
Mailing City,State,Zip: JACKSON, OH 45640
Owner Name: RECODAGEN LLC
Owner Address: 177 E SOUTH ST
Owner Address 2: Not reported
Owner City,State,Zip: JACKSON, OH 45640
Contact Name: J. SUZANNE LINDSEY
Contact Address: 177 E. SOUTH ST
Contact Address 2: Not reported
City,State,Zip: JACKSON, OH 45640
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 32.90086292
Longitude: -117.23743174

NAICS:

EPA ID: CAL000446110
Create Date: 2020-04-14 16:18:11.503
NAICS Code: 999999
NAICS Description: Not Otherwise Specified
Issued EPA ID Date: 2019-05-20 16:15:19.86300
Inactive Date: 2020-04-14 00:00:00
Facility Name: RECODAGEN LLC
Facility Address: 3210 MERRYFIELD ROW
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 92121

Name: CREYON BIO INC
Address: 3210 MERRYFIELD ROW
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000456132
Inactive Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Create Date: 08/10/2020
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 3210 MERRYFIELD ROW
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: CREYON BIO INC
Owner Address: 3210 MERRYFIELD ROW
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 92121
Contact Name: SANKHA PATTANAYAK
Contact Address: 3210 MERRYFIELD ROW
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Active
Facility Type: PERMANENT
Category: STATE
Latitude: 32.90045253
Longitude: -117.2368926

NAICS:

EPA ID: CAL000456132
Create Date: 2020-08-10 16:42:12.413
NAICS Code: 325412
NAICS Description: Pharmaceutical Preparation Manufacturing
Issued EPA ID Date: 2020-08-10 16:42:12.40000
Inactive Date: Not reported
Facility Name: CREYON BIO INC
Facility Address: 3210 MERRYFIELD ROW
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 92121

Name: PERCEIVE BIOTHERAPEUTICS
Address: 3210 MERRYFIELD ROW
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000463995
Inactive Date: Not reported
Create Date: 07/13/2021
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 1000 MARINA BLVD
Mailing Address 2: Not reported
Mailing City,State,Zip: BRISBANE, CA 94005
Owner Name: PERCEIVE BIOTHERAPEUTICS
Owner Address: 1000 MARINA BLVD
Owner Address 2: Not reported
Owner City,State,Zip: BRISBANE, CA 94005
Contact Name: RISA BROYER
Contact Address: 3210 MERRYFIELD ROW
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Active
Facility Type: PERMANENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

CREYON BIO INC (Continued)

S124914087

Category: STATE
Latitude: 32.90092299
Longitude: -117.235011

Name: ANIMANTIS LLC
Address: 3210 MERRYFIELD ROW
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000399668
Inactive Date: 06/30/2019
Create Date: 08/13/2014
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 3210 MERRYFIELD ROW
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: BRYAN WALKER
Owner Address: 3210 MERRYFIELD ROW
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 92121
Contact Name: MARTIN BLANCHARD
Contact Address: 3210 MERRYFIELD ROW
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 32.90086292
Longitude: -117.23743174

NAICS:

EPA ID: CAL000399668
Create Date: 2014-08-13 14:22:52.313
NAICS Code: 325412
NAICS Description: Pharmaceutical Preparation Manufacturing
Issued EPA ID Date: 2014-08-13 14:22:52.29000
Inactive Date: 2019-06-30 00:00:00
Facility Name: ANIMANTIS LLC
Facility Address: 3210 MERRYFIELD ROW
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 92121

Name: BIOMARKER PROFILES
Address: 3210 MERRYFIELD ROW
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000400086
Inactive Date: 06/30/2015
Create Date: 08/28/2014
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 26442 BECKMAN CT
Mailing Address 2: Not reported
Mailing City,State,Zip: MURRIETA, CA 92562

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Owner Name: LETICIA CANO
Owner Address: 41991 MARGARITA RD APT 132
Owner Address 2: Not reported
Owner City,State,Zip: TEMECULA, CA 925912822
Contact Name: LETICIA CANO
Contact Address: 41991 MARGARITA RD APT 132
Contact Address 2: Not reported
City,State,Zip: TEMECULA, CA 925912822
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 32.90086292
Longitude: -117.23743174

NAICS:

EPA ID: CAL000400086
Create Date: 2014-08-28 09:46:24.893
NAICS Code: 325412
NAICS Description: Pharmaceutical Preparation Manufacturing
Issued EPA ID Date: 2014-08-28 09:46:24.89000
Inactive Date: 2015-06-30 00:00:00
Facility Name: BIOMARKER PROFILES
Facility Address: 3210 MERRYFIELD ROW
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 92121

Name: LUBRIS LLC
Address: 3210 MERRYFIELD ROW
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000400293
Inactive Date: 06/30/2015
Create Date: 09/10/2014
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 927741
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 92192
Owner Name: LUBRIS LLC
Owner Address: 111 SPEEN ST
Owner Address 2: Not reported
Owner City,State,Zip: FRAMINGHAM, MA 17012000
Contact Name: EDWARD TRUITT
Contact Address: 7853 CAMINO GLORITA
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92122
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 32.90086292
Longitude: -117.23743174

NAICS:

EPA ID: CAL000400293

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Create Date: 2014-09-10 09:58:02.407
NAICS Code: 325412
NAICS Description: Pharmaceutical Preparation Manufacturing
Issued EPA ID Date: 2014-09-10 09:58:02.37700
Inactive Date: 2015-06-30 00:00:00
Facility Name: LUBRIS LLC
Facility Address: 3210 MERRYFIELD ROW
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 92121

Name: XYCROBE THERAPEUTICS INC
Address: 3210 MERRYFIELD ROW
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000401146
Inactive Date: 06/30/2015
Create Date: 10/08/2014
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 3210 MERRYFIELD ROW
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: XYCROBE THERAPEUTICS INC
Owner Address: 445 ISLAND AVE UNIT 327
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 921018613
Contact Name: THOMAS HITCHCOCK
Contact Address: 3210 MERRYFIELD ROW
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 32.90086292
Longitude: -117.23743174

NAICS:

EPA ID: CAL000401146
Create Date: 2014-10-08 10:09:55.180
NAICS Code: 325412
NAICS Description: Pharmaceutical Preparation Manufacturing
Issued EPA ID Date: 2014-10-08 10:09:55.18000
Inactive Date: 2015-06-30 00:00:00
Facility Name: XYCROBE THERAPEUTICS INC
Facility Address: 3210 MERRYFIELD ROW
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 92121

Name: FABRIC8LABS INC / JLABS
Address: 3210 MERRYFIELD ROW

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000437493
Inactive Date: 11/02/2018
Create Date: 07/18/2018
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 3210 MERRYFIELD ROW
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: FABRIC8LABS INC
Owner Address: 3210 MERRYFIELD ROW
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 92121
Contact Name: DAVID PAIN
Contact Address: 3210 MERRYFIELD ROW
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 32.90086292
Longitude: -117.23743174

NAICS:

EPA ID: CAL000437493
Create Date: 2018-07-18 08:11:01.730
NAICS Code: 333319
NAICS Description: Other Commercial and Service Industry Machinery Manufacturing
Issued EPA ID Date: 2018-07-18 08:11:01.73000
Inactive Date: 2018-11-02 00:00:00
Facility Name: FABRIC8LABS INC / JLABS
Facility Address: 3210 MERRYFIELD ROW
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 92121

Name: JLABS DBA CESSATION THERAPEUTICS LLC
Address: 3210 MERRYFIELD ROW
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000438521
Inactive Date: Not reported
Create Date: 08/20/2018
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 3210 MERRYFIELD ROW
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: MARK PEARSON
Owner Address: 3031 TISCH WAY STE 505
Owner Address 2: Not reported
Owner City,State,Zip: SAN JOSE, CA 951280000
Contact Name: PAUL BREMER
Contact Address: 3210 MERRYFIELD ROW

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

CREYON BIO INC (Continued)

S124914087

Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Active
Facility Type: PERMANENT
Category: STATE
Latitude: 32.90086292
Longitude: -117.2374317

NAICS:

EPA ID: CAL000438521
Create Date: 2018-08-20 13:59:49.380
NAICS Code: 541715
NAICS Description: Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)
Issued EPA ID Date: 2018-08-20 13:59:49.38000
Inactive Date: Not reported
Facility Name: JLABS DBA CESSATION THERAPEUTICS LLC
Facility Address: 3210 MERRYFIELD ROW
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 92121

Name: PRODERMIQ INC
Address: 3210 MERRYFIELD RD
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000423907
Inactive Date: 06/30/2020
Create Date: 01/05/2017
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 3210 MERRYFIELD RD
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 92121
Owner Name: DANA HOSSEINI
Owner Address: 3210 MERRYFIELD RD
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 92121
Contact Name: DANA HOSSEINI
Contact Address: 3210 MERRYFIELD RD
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 32.90086292
Longitude: -117.23743174

NAICS:

EPA ID: CAL000423907
Create Date: 2017-01-05 10:43:13.773
NAICS Code: 325412
NAICS Description: Pharmaceutical Preparation Manufacturing
Issued EPA ID Date: 2017-01-05 10:43:13.71700
Inactive Date: 2020-06-30 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CREYON BIO INC (Continued)

S124914087

Facility Name:	PRODERMIQ INC
Facility Address:	3210 MERRYFIELD RD
Facility Address 2:	Not reported
Facility City:	SAN DIEGO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	92121
Name:	BASILARD BIOTECH INC
Address:	3210 MERRYFIELD ROW
Address 2:	Not reported
City,State,Zip:	SAN DIEGO, CA 92121
EPA ID:	CAL000466138
Inactive Date:	Not reported
Create Date:	10/13/2021
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	41593 WINCHESTER RD STE 200 PMB#278
Mailing Address 2:	Not reported
Mailing City,State,Zip:	TEMECULA, CA 92590
Owner Name:	BASILARD BIOTECH INC
Owner Address:	41593 WINCHESTER RD STE 200 PMB#278
Owner Address 2:	Not reported
Owner City,State,Zip:	TEMECULA, CA 92590
Contact Name:	JAMES ONUFFER
Contact Address:	1032 FOUNTAIN ST
Contact Address 2:	Not reported
City,State,Zip:	ALAMEDA, CA 94501
Facility Status:	Active
Facility Type:	PERMANENT
Category:	STATE
Latitude:	32.90092299
Longitude:	-117.235011
Name:	IDEAYA BIDSCIENCES
Address:	3210 MERRYFIELD ROW STE 251311
Address 2:	Not reported
City,State,Zip:	SAN DIEGO, CA 92121
EPA ID:	CAL000419905
Inactive Date:	05/12/2017
Create Date:	08/26/2016
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	7000 SHORELINE COURT
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 940800000
Owner Name:	IDEAYA BIOSCIENCES INC
Owner Address:	7000 SHORELINE COURT
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Name:	ELLEN ACKERMAN
Contact Address:	7000 SHORELINE COURT
Contact Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Facility Status:	Inactive
Facility Type:	PERMANENT

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

Database(s)

Site

CREYON BIO INC (Continued)

S124914087

Category: STATE
 Latitude: -90
 Longitude: 180

NAICS:
 EPA ID: CAL000419905
 Create Date: 2016-08-26 14:12:17.103
 NAICS Code: 541711
 NAICS Description: Research and Dev in Biotechnology
 Issued EPA ID Date: 2016-08-26 14:12:17.09000
 Inactive Date: 2017-05-12 00:00:00
 Facility Name: IDEAYA BIDSCIENCES
 Facility Address: 3210 MERRYFIELD ROW STE 251311
 Facility Address 2: Not reported
 Facility City: SAN DIEGO
 Facility County: Not reported
 Facility State: CA
 Facility Zip: 921211126

Q242
SSE
1/8-1/4
0.239 mi.
1263 ft.

LYNX BIOSCIENCES INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 82 of 113 in cluster Q

RCRA NonGen / NLR **1024866048**
CAL000434630

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
 Date Form Received by Agency: 20180326
 Handler Name: LYNX BIOSCIENCES INC
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000434630
 Contact Name: CHOROM PAK
 Contact Address: 1501 INDIA ST UNIT 603
 Contact City,State,Zip: SAN DIEGO, CA 92101
 Contact Telephone: 213-422-1352
 Contact Fax: Not reported
 Contact Email: CPAK@LYNXBIOSCIENCES.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 3210 MERRYFIELD ROW
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: LYNX BIOSCIENCES INC
 Owner Type: Other
 Operator Name: CHOROM PAK
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

LYNX BIOSCIENCES INC (Continued)

1024866048

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:	
Owner/Operator Indicator:	Operator
Owner/Operator Name: CHOROM PAK	
Legal Status:	Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

LYNX BIOSCIENCES INC (Continued)

1024866048

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1501 INDIA ST UNIT 603
Owner/Operator City,State,Zip: SAN DIEGO, CA 92101
Owner/Operator Telephone: 213-422-1352
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: LYNX BIOSCIENCES INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 213-422-1352
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20180326
Handler Name: LYNX BIOSCIENCES INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

Q243 **PERCEIVE BIOTHERAPEUTICS** **RCRA NonGen / NLR** **1026828991**
SSE **3210 MERRYFIELD ROW** **CAL000463995**
1/8-1/4 **SAN DIEGO, CA 92121**
0.239 mi.
1263 ft. **Site 83 of 113 in cluster Q**

Relative:	RCRA Listings:	
Higher	Date Form Received by Agency:	20210713
Actual:	Handler Name:	PERCEIVE BIOTHERAPEUTICS
318 ft.	Handler Address:	3210 MERRYFIELD ROW
	Handler City,State,Zip:	SAN DIEGO, CA 92121
	EPA ID:	CAL000463995
	Contact Name:	RISA BROYER
	Contact Address:	3210 MERRYFIELD ROW
	Contact City,State,Zip:	SAN DIEGO, CA 92121
	Contact Telephone:	858-342-7098
	Contact Fax:	Not reported
	Contact Email:	RISA@PERCEIVEBIO.COM
	Contact Title:	Not reported
	EPA Region:	09
	Land Type:	Not reported
	Federal Waste Generator Description:	Not a generator, verified
	Non-Notifier:	Not reported
	Biennial Report Cycle:	Not reported
	Accessibility:	Not reported
	Active Site Indicator:	Not reported
	State District Owner:	Not reported
	State District:	Not reported
	Mailing Address:	1000 MARINA BLVD
	Mailing City,State,Zip:	BRISBANE, CA 94005
	Owner Name:	PERCEIVE BIOTHERAPEUTICS
	Owner Type:	Other
	Operator Name:	RISA BROYER
	Operator Type:	Other
	Short-Term Generator Activity:	No
	Importer Activity:	No
	Mixed Waste Generator:	No
	Transporter Activity:	No
	Transfer Facility Activity:	No
	Recycler Activity with Storage:	No
	Small Quantity On-Site Burner Exemption:	No
	Smelting Melting and Refining Furnace Exemption:	No
	Underground Injection Control:	No
	Off-Site Waste Receipt:	No
	Universal Waste Indicator:	No
	Universal Waste Destination Facility:	No
	Federal Universal Waste:	No
	Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
	Active Site Converter Treatment storage and Disposal Facility:	Not reported
	Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
	Active Site State-Reg Handler:	---
	Federal Facility Indicator:	Not reported
	Hazardous Secondary Material Indicator:	N
	Sub-Part K Indicator:	Not reported
	Commercial TSD Indicator:	No
	Treatment Storage and Disposal Type:	Not reported
	2018 GPRA Permit Baseline:	Not on the Baseline
	2018 GPRA Renewals Baseline:	Not on the Baseline
	Permit Renewals Workload Universe:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

PERCEIVE BIOTHERAPEUTICS (Continued)

1026828991

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20210812
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: PERCEIVE BIOTHERAPEUTICS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1000 MARINA BLVD
Owner/Operator City,State,Zip: BRISBANE, CA 94005
Owner/Operator Telephone: 707-477-8172
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: RISA BROYER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-342-7098
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

PERCEIVE BIOTHERAPEUTICS (Continued)

1026828991

Historic Generators:

Receive Date: 20210713
 Handler Name: PERCEIVE BIOTHERAPEUTICS
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: No
 Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 325412
 NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q244
SSE
1/8-1/4
0.239 mi.
1263 ft.

AUXILIUM BIOTECHNOLOGIES INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 84 of 113 in cluster Q

RCRA NonGen / NLR **1026055930**
CAL000452116

Relative:
Higher
Actual:
318 ft.

RCRA Listings:

Date Form Received by Agency: 20200124
 Handler Name: AUXILIUM BIOTECHNOLOGIES INC
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000452116
 Contact Name: ISAC LAZAROVITS
 Contact Address: 3210 MERRYFIELD ROW
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 818-854-0049
 Contact Fax: Not reported
 Contact Email: ISACLAZAROVITS@GMAIL.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 3945 CARMEL SPRINGS WAY
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: AUXILIUM BIOTECHNOLOGIES INC

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

AUXILIUM BIOTECHNOLOGIES INC (Continued)

1026055930

Owner Type:		Other
Operator Name:	ISAC LAZAROVITS	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDs Where RCRA CA has Been Imposed Universe:		No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20200210
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

AUXILIUM BIOTECHNOLOGIES INC (Continued)

1026055930

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: AUXILIUM BIOTECHNOLOGIES INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3945 CARMEL SPRINGS WAY
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-699-9443
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ISAC LAZAROVITS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 818-854-0049
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20200124
Handler Name: AUXILIUM BIOTECHNOLOGIES INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 339999
NAICS Description: ALL OTHER MISCELLANEOUS MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

Q245 **JANSEN RESEARCH & DEVELOPMENT LLC**
SSE **3210 MERRYFIELD ROW**
1/8-1/4 **OUT OF STATE, CT**
0.239 mi.
1263 ft. **Site 85 of 113 in cluster Q**

CT MANIFEST **S125490628**
N/A

Relative:
Higher

CT MANIFEST:

Actual:
318 ft.

Name: JANSEN RESEARCH & DEVELOPMENT LLC
Address: 3210 MERRYFIELD ROW
City,State,Zip: OUT OF STATE, CT
Phone: Not reported
Country: Not reported
Manifest ID: 009509654FLE
EPA ID: CAR000049841

Hazardous Waste Manifest:

Year: 2016
Manifest: 009509654FLE
EPA ID: CAR000049841
Generator Mailing Address: Not reported
Generator City,State,Zip: Not reported
Discrepancies: Not reported
Date Shipped: 2016-03-26
Date Received: Not reported
Transporter 2 Date: Not reported
TSDF EPA ID: Not reported
TSDF Name: Not reported
TSDF Address: Not reported
TSDF City,State,Zip: Not reported
TSDF Country: Not reported
Transporter EPA ID: Not reported
Transporter Name: Not reported
Transporter Address: Not reported
Transporter City,State,Zip: Not reported
Transporter Country: Not reported
Transporter 2 EPA ID: Not reported
Transporter 2 Name: Not reported
Transporter 2 Address: Not reported
Transporter 2 City,State,Zip: Not reported
Transporter 2 Country: Not reported
US DOT Description: Not reported
Number of Containers: Not reported
Container Type: Not reported
Quantity/Weight/Volume: /
Batch Number: Not reported
EPA Waste Codes: - Not reported
Copies: Not reported
Alternate Facility Name: Not reported
Alternate Facility Address: Not reported
Alternate Facility State: Not reported
Alternate Facility Date: Not reported

DEEP Document:

Year: 2016
EPA ID: CAR000049841
Statuory Program: Hazardous Waste
Document Number: 009509654FLE
Document: Hazardous Waste Manifest

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

JANSEN RESEARCH & DEVELOPMENT LLC (Continued)

S125490628

File Type: Written Text
 Reference ID: Ref ID: 009509654FLE Alt ID: CAR000049841

[Click Here to view the image from agency website:](#)

Q246 IAVI RCRA NonGen / NLR 1026829353
SSE 3210 MERRYFIELD ROW CAL000464409
1/8-1/4 SAN DIEGO, CA 92121
0.239 mi. Site 86 of 113 in cluster Q
1263 ft.

**Relative:
 Higher
 Actual:
 318 ft.**

RCRA Listings:
 Date Form Received by Agency: 20210730
 Handler Name: IAVI
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000464409
 Contact Name: DEVIN SOK
 Contact Address: 10550 N TORREY PINES RD IMM-2
 Contact City,State,Zip: LA JOLLA, CA 92037
 Contact Telephone: 978-761-6740
 Contact Fax: Not reported
 Contact Email: DSOK@IAVI.ORG
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 3210 MERRYFIELD ROW
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: MARK FEINBERG
 Owner Type: Other
 Operator Name: DEVIN SOK
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

IAVI (Continued)

1026829353

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210812
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: MARK FEINBERG	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	125 BROAD ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10004
Owner/Operator Telephone:	212-847-1111
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: DEVIN SOK	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10550 N TORREY PINES RD IMM-2

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

IAVI (Continued)

1026829353

Owner/Operator City,State,Zip: LA JOLLA, CA 92037
 Owner/Operator Telephone: 978-761-6740
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20210730
 Handler Name: IAVI
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: No
 Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 541720
 NAICS Description: RESEARCH AND DEVELOPMENT IN THE SOCIAL SCIENCES AND HUMANITIES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q247
SSE
1/8-1/4
0.239 mi.
1263 ft.

DEGRON THEREPEUTICS CO
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 87 of 113 in cluster Q

RCRA NonGen / NLR **1027468437**
CAL000472828

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
 Date Form Received by Agency: 20220825
 Handler Name: DEGRON THEREPEUTICS CO
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000472828
 Contact Name: RALPH LIN
 Contact Address: 3210 MERRYFIELD ROW
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 425-283-7020
 Contact Fax: Not reported
 Contact Email: RLIN@DEGRONTX.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DEGRON THEREPEUTICS CO (Continued)

1027468437

Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3210 MERRYFIELD ROW
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	DEGRON THEREPEUTICS CO
Owner Type:	Other
Operator Name:	RALPH LIN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRC Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220902

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

DEGRON THEREPEUTICS CO (Continued)

1027468437

Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: DEGRON THEREPEUTICS CO
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6164 BLUE DAWN TRAIL
Owner/Operator City,State,Zip: SAN DIEGO, CA 92130
Owner/Operator Telephone: 858-847-5292
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: RALPH LIN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 425-283-7020
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20220825
Handler Name: DEGRON THEREPEUTICS CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

DEGRON THEREPEUTICS CO (Continued)

1027468437

Evaluation Action Summary:
 Evaluations: No Evaluations Found

Q248 **LASSOGEN INC** **RCRA NonGen / NLR** **1026057336**
SSE **3210 MERRYFIELD ROW SPC #2513-2A** **CAL000453532**
1/8-1/4 **SAN DIEGO, CA 92121**
0.239 mi.
1263 ft. **Site 88 of 113 in cluster Q**

Relative: RCRA Listings:
Higher Date Form Received by Agency: 20200313
Actual: Handler Name: LASSOGEN INC
318 ft. Handler Address: 3210 MERRYFIELD ROW SPC #2513-2A
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000453532
 Contact Name: KENT BOLES
 Contact Address: 4511 MT GAYWAS DR
 Contact City,State,Zip: SAN DIEGO, CA 92117
 Contact Telephone: 314-265-5293
 Contact Fax: Not reported
 Contact Email: KENT.BOLES@LASSOGEN.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 3210 MERRYFIELD ROW
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: LASSOGEN INC
 Owner Type: Other
 Operator Name: KENT BOLES
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

LASSOGEN INC (Continued)

1026057336

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200313
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: KENT BOLES	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4511 MT GAYWAS DR
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92117
Owner/Operator Telephone:	314-265-5293
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: LASSOGEN INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4757 NEXUS CENTER DR

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

LASSOGEN INC (Continued)

1026057336

Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
 Owner/Operator Telephone: 858-922-4765
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20200313
 Handler Name: LASSOGEN INC
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
 NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q249
SSE
1/8-1/4
0.239 mi.
1263 ft.

HAYA THERAPEUTICS INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 89 of 113 in cluster Q

RCRA NonGen / NLR **1027092267**
CAL000465797

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
 Date Form Received by Agency: 20210928
 Handler Name: HAYA THERAPEUTICS INC
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000465797
 Contact Name: ROBERT WILLIAMSON
 Contact Address: 331 HILLSIDE AVE
 Contact City,State,Zip: PIEDMONT, CA 94611
 Contact Telephone: 510-470-1760
 Contact Fax: Not reported
 Contact Email: ROB@HAYATX.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HAYA THERAPEUTICS INC (Continued)

1027092267

Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		3210 MERRYFIELD ROW
Mailing City,State,Zip:		SAN DIEGO, CA 92121
Owner Name:	HAYA THERAPEUTICS INC	
Owner Type:		Other
Operator Name:	ROBERT WILLIAMSON	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRC Permit Baseline:		Not on the Baseline
2018 GPRC Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRC Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSD Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20211011

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

HAYA THERAPEUTICS INC (Continued)

1027092267

Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: HAYA THERAPEUTICS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 510-470-1760
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ROBERT WILLIAMSON
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 331 HILLSIDE AVE
Owner/Operator City,State,Zip: PIEDMONT, CA 94611
Owner/Operator Telephone: 510-470-1760
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20210928
Handler Name: HAYA THERAPEUTICS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

HAYA THERAPEUTICS INC (Continued)

1027092267

Evaluation Action Summary:
 Evaluations: No Evaluations Found

Q250	ONCOSENX	RCRA NonGen / NLR	1026057062
SSE	3210 MERRYFIELD RD RM 2513		CAL000453255
1/8-1/4	SAN DIEGO, CA 92121		
0.239 mi.			
1263 ft.	Site 90 of 113 in cluster Q		

Relative:	RCRA Listings:		
Higher	Date Form Received by Agency:		20200304
Actual:	Handler Name:	ONCOSENX	
318 ft.	Handler Address:		3210 MERRYFIELD RD RM 2513
	Handler City,State,Zip:		SAN DIEGO, CA 92121
	EPA ID:		CAL000453255
	Contact Name:		JAILAL ABLACK
	Contact Address:		3210 MERRYFIELD RD RM 2513
	Contact City,State,Zip:		SAN DIEGO, CA 92121
	Contact Telephone:		323-646-2823
	Contact Fax:		Not reported
	Contact Email:		JAILALABLACK@ONCOSENX.COM
	Contact Title:		Not reported
	EPA Region:		09
	Land Type:		Not reported
	Federal Waste Generator Description:		Not a generator, verified
	Non-Notifier:		Not reported
	Biennial Report Cycle:		Not reported
	Accessibility:		Not reported
	Active Site Indicator:		Not reported
	State District Owner:		Not reported
	State District:		Not reported
	Mailing Address:		3210 MERRYFIELD RD RM 2513
	Mailing City,State,Zip:		SAN DIEGO, CA 92121
	Owner Name:	ONCOSENX INC	
	Owner Type:		Other
	Operator Name:	JAILAL ABLACK	
	Operator Type:		Other
	Short-Term Generator Activity:		No
	Importer Activity:		No
	Mixed Waste Generator:		No
	Transporter Activity:		No
	Transfer Facility Activity:		No
	Recycler Activity with Storage:		No
	Small Quantity On-Site Burner Exemption:		No
	Smelting Melting and Refining Furnace Exemption:		No
	Underground Injection Control:		No
	Off-Site Waste Receipt:		No
	Universal Waste Indicator:		No
	Universal Waste Destination Facility:		No
	Federal Universal Waste:		No
	Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
	Active Site Converter Treatment storage and Disposal Facility:		Not reported
	Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
	Active Site State-Reg Handler:		---
	Federal Facility Indicator:		Not reported
	Hazardous Secondary Material Indicator:		N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)
 EDR ID Number
 EPA ID Number

ONCOSENX (Continued)

1026057062

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200306
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: ONCOSENX INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	800 5TH AVE STE 4100
Owner/Operator City,State,Zip:	SEATTLE, WA 98104
Owner/Operator Telephone:	206-880-1166
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: JAILAL ABLACK	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3210 MERRYFIELD RD RM 2513

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

ONCOSENX (Continued)

1026057062

Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
 Owner/Operator Telephone: 323-646-2823
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20200304
 Handler Name: ONCOSENX
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
 NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q251
SSE
1/8-1/4
0.239 mi.
1263 ft.

FABRIC8LABS INC / JLABS
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 91 of 113 in cluster Q

RCRA NonGen / NLR **1024868887**
CAL000437493

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
 Date Form Received by Agency: 20180718
 Handler Name: FABRIC8LABS INC / JLABS
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000437493
 Contact Name: DAVID PAIN
 Contact Address: 3210 MERRYFIELD ROW
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 442-615-0472
 Contact Fax: Not reported
 Contact Email: DAVID.PAIN@FABRIC8LABS.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FABRIC8LABS INC / JLABS (Continued)

1024868887

Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		3210 MERRYFIELD ROW
Mailing City, State, Zip:		SAN DIEGO, CA 92121
Owner Name:	FABRIC8LABS INC	
Owner Type:		Other
Operator Name:	DAVID PAIN	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRC Permit Baseline:		Not on the Baseline
2018 GPRC Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRC Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDs Where RCRA CA has Been Imposed Universe:		No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20180907

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

FABRIC8LABS INC / JLABS (Continued)

1024868887

Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: DAVID PAIN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 442-615-0472
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: FABRIC8LABS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 760-505-9695
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20180718
Handler Name: FABRIC8LABS INC / JLABS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

FABRIC8LABS INC / JLABS (Continued)

1024868887

Evaluation Action Summary:
 Evaluations: No Evaluations Found

Q252
SSE
1/8-1/4
0.239 mi.
1263 ft.

LUXVITAE THERAPEUTICS INC DBA JLABS
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121

RCRA NonGen / NLR

1024870212
CAL000438839

Site 92 of 113 in cluster Q

Relative:
Higher

Actual:
318 ft.

RCRA Listings:
 Date Form Received by Agency: 20180904
 Handler Name: LUXVITAE THERAPEUTICS INC DBA JLABS
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000438839
 Contact Name: YONG YIN
 Contact Address: 3210 MERRYFIELD ROW
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-242-1540
 Contact Fax: Not reported
 Contact Email: YONG.YIN@LUXVITHER.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 3210 MERRYFIELD ROW
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: FENG TIAN
 Owner Type: Other
 Operator Name: YONG YIN
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: Yes
 Universal Waste Destination Facility: Yes
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

LUXVITAE THERAPEUTICS INC DBA JLABS (Continued)

1024870212

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: YONG YIN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3210 MERRYFIELD ROW
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	858-242-1540
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: FENG TIAN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8374 ORANGE HAVEN PL

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

LUXVITAE THERAPEUTICS INC DBA JLABS (Continued)

1024870212

Owner/Operator City,State,Zip: SAN DIEGO, CA 92129
 Owner/Operator Telephone: 858-729-3339
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20180904
 Handler Name: LUXVITAE THERAPEUTICS INC DBA JLABS
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
 NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q253
SSE
1/8-1/4
0.239 mi.
1263 ft.

OLIX US INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 93 of 113 in cluster Q

RCRA NonGen / NLR **1025871316**
CAL000444428

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
 Date Form Received by Agency: 20190318
 Handler Name: OLIIX US INC
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000444428
 Contact Name: DONGWON SHIN
 Contact Address: 10956 CAMINITIO ARCADEA
 Contact City,State,Zip: SAN DIEGO, CA 92131
 Contact Telephone: 951-288-2117
 Contact Fax: Not reported
 Contact Email: DSHIN@OLIXPHARMA.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

OLIX US INC (Continued)

1025871316

Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		3210 MERRYFIELD ROW
Mailing City, State, Zip:		SAN DIEGO, CA 92121
Owner Name:	OLIX US INC	
Owner Type:		Other
Operator Name:	DONGWON SHIN	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		Yes
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRC Permit Baseline:		Not on the Baseline
2018 GPRC Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRC Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDs Where RCRA CA has Been Imposed Universe:		No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20190628

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

OLIX US INC (Continued)

1025871316

Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: OLIX US INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: ONE BROADWAY 14TH FL
Owner/Operator City,State,Zip: CAMBRIDGE, MA 02142
Owner/Operator Telephone: 617-514-7167
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DONGWON SHIN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10956 CAMINITIO ARCADA
Owner/Operator City,State,Zip: SAN DIEGO, CA 92131
Owner/Operator Telephone: 951-288-2117
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20190318
Handler Name: OLIX US INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 541715
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

OLIX US INC (Continued)

1025871316

Evaluation Action Summary:
 Evaluations: No Evaluations Found

Q254
SSE
1/8-1/4
0.239 mi.
1263 ft.

PALM THERAPEUTICS INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121

RCRA NonGen / NLR **1026493571**
CAL000458393

Site 94 of 113 in cluster Q

Relative:
Higher

RCRA Listings:
 Date Form Received by Agency: 20201119
 Handler Name: PALM THERAPEUTICS INC
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000458393
 Contact Name: ANDREW RUDD
 Contact Address: 8528 VIA MALLORCA UNIT F
 Contact City,State,Zip: LA JOLLA, CA 92037
 Contact Telephone: 630-567-8339
 Contact Fax: Not reported
 Contact Email: ARUDD@PALMTHERAPEUTICS.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 8528 VIA MALLORCA UNIT F
 Mailing City,State,Zip: LA JOLLA, CA 92037
 Owner Name: PALM THERAPEUTICS INC
 Owner Type: Other
 Operator Name: ANDREW RUDD
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N

Actual:
318 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

PALM THERAPEUTICS INC (Continued)

1026493571

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20201130
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: PALM THERAPEUTICS INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8528 VIA MALLORCA UNIT F
Owner/Operator City,State,Zip:	LA JOLLA, CA 92037
Owner/Operator Telephone:	630-567-8339
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: ANDREW RUDD	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8528 VIA MALLORCA UNIT F

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

PALM THERAPEUTICS INC (Continued)

1026493571

Owner/Operator City,State,Zip: LA JOLLA, CA 92037
Owner/Operator Telephone: 630-567-8339
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20201119
Handler Name: PALM THERAPEUTICS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 541715
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Q255 **JLABS DBA CESSATION THERAPEUTICS LLC** **RCRA NonGen / NLR** **1024869897**
SSE **3210 MERRYFIELD ROW** **CAL000438521**
1/8-1/4 **SAN DIEGO, CA 92121**
0.239 mi.
1263 ft. **Site 95 of 113 in cluster Q**

Relative: RCRA Listings:
Higher Date Form Received by Agency: 20180820
Actual: Handler Name: JLABS DBA CESSATION THERAPEUTICS LLC
318 ft. Handler Address: 3210 MERRYFIELD ROW
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000438521
Contact Name: PAUL BREMER
Contact Address: 3210 MERRYFIELD ROW
Contact City,State,Zip: SAN DIEGO, CA 92121
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: PBREMER@CESSATIONTHERAPEUTICS.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

JLABS DBA CESSATION THERAPEUTICS LLC (Continued)

1024869897

Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		3210 MERRYFIELD ROW
Mailing City,State,Zip:		SAN DIEGO, CA 92121
Owner Name:	MARK PEARSON	
Owner Type:		Other
Operator Name:	PAUL BREMER	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

JLABS DBA CESSATION THERAPEUTICS LLC (Continued)

1024869897

Handler Date of Last Change: 20180907
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: PAUL BREMER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MARK PEARSON
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3031 TISCH WAY STE 505
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 408-479-7843
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20180820
Handler Name: JLABS DBA CESSATION THERAPEUTICS LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 541715
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

JLABS DBA CESSATION THERAPEUTICS LLC (Continued)

1024869897

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q256
SSE
1/8-1/4
0.239 mi.
1263 ft.

PRODERMIQ, INC.
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 96 of 113 in cluster Q

RCRA NonGen / NLR

1024767730
CAC002987607

Relative:
Higher
Actual:
318 ft.

RCRA Listings:		
Date Form Received by Agency:		20181101
Handler Name:	PRODERMIQ, INC.	
Handler Address:		3210 MERRYFIELD ROW
Handler City,State,Zip:		SAN DIEGO, CA 92121
EPA ID:		CAC002987607
Contact Name:		DANA HOSSEINI
Contact Address:		3210 MERRYFIELD ROW
Contact City,State,Zip:		SAN DIEGO, CA 92121
Contact Telephone:		619-954-4814
Contact Fax:		Not reported
Contact Email:		DANA@PRODERMIQ.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		3210 MERRYFIELD ROW
Mailing City,State,Zip:		SAN DIEGO, CA 92121
Owner Name:	DANA HOSSEINI	
Owner Type:		Other
Operator Name:	DANA HOSSEINI	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

PRODERMIQ, INC. (Continued)

1024767730

Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181120
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: DANA HOSSEINI	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3210 MERRYFIELD ROW
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	619-954-4814
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: DANA HOSSEINI	
Legal Status:	Other
Date Became Current:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

PRODERMIQ, INC. (Continued)

1024767730

Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 619-954-4814
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20181101
Handler Name: PRODERMIQ, INC.
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q257
SSE
1/8-1/4
0.239 mi.
1263 ft.

EXOSOME THERAPEUTICS INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 97 of 113 in cluster Q

RCRA NonGen / NLR **1026829478**
CAL000464537

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
Date Form Received by Agency: 20210804
Handler Name: EXOSOME THERAPEUTICS INC
Handler Address: 3210 MERRYFIELD ROW
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000464537
Contact Name: GERARDO RODRIGUEZ
Contact Address: 6540 REFLECTION DR #1401
Contact City,State,Zip: SAN DIEGO, CA 92124
Contact Telephone: 501-519-5574
Contact Fax: Not reported
Contact Email: GERARDORODRIGUEZ@EXTHERAPEUTICS.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

EXOSOME THERAPEUTICS INC (Continued)

1026829478

Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		6540 REFLECTION DR #1401
Mailing City,State,Zip:		SAN DIEGO, CA 92124
Owner Name:	EXOSOME THERAPEUTICS INC	
Owner Type:		Other
Operator Name:	GERARDO RODRIGUEZ	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSD Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

EXOSOME THERAPEUTICS INC (Continued)

1026829478

Financial Assurance Required: Not reported
Handler Date of Last Change: 20210812
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: EXOSOME THERAPEUTICS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 501-519-5574
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: GERARDO RODRIGUEZ
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6540 REFLECTION DR #1401
Owner/Operator City,State,Zip: SAN DIEGO, CA 92124
Owner/Operator Telephone: 501-519-5574
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20210804
Handler Name: EXOSOME THERAPEUTICS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 325414
NAICS Description: BIOLOGICAL PRODUCT (EXCEPT DIAGNOSTIC) MANUFACTURING

Facility Has Received Notices of Violations:

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

EXOSOME THERAPEUTICS INC (Continued)

1026829478

Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

Q258
SSE
1/8-1/4
0.239 mi.
1263 ft.

VIVREON BIOSCIENCES LLC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 98 of 113 in cluster Q

RCRA NonGen / NLR **1024867360**
CAL000435953

Relative:
Higher
Actual:
318 ft.

RCRA Listings:		
Date Form Received by Agency:		20180509
Handler Name:	VIVREON BIOSCIENCES LLC	
Handler Address:		3210 MERRYFIELD ROW
Handler City,State,Zip:		SAN DIEGO, CA 92121
EPA ID:		CAL000435953
Contact Name:		ANDREW NEWMAN
Contact Address:		7558 TRADE ST
Contact City,State,Zip:		SAN DIEGO, CA 92121
Contact Telephone:		715-308-1616
Contact Fax:		Not reported
Contact Email:		ANDREW@VIVREONBIOSCIENCES.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		7558 TRADE ST
Mailing City,State,Zip:		SAN DIEGO, CA 92121
Owner Name:	ANDREW NEWMAN	
Owner Type:		Other
Operator Name:	ANDREW NEWMAN	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

VIVREON BIOSCIENCES LLC (Continued)

1024867360

Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: ANDREW NEWMAN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7558 TRADE ST
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	715-308-1616
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: ANDREW NEWMAN	
Legal Status:	Other
Date Became Current:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

VIVREON BIOSCIENCES LLC (Continued)

1024867360

Date Ended Current: Not reported
Owner/Operator Address: 7558 TRADE ST
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 715-308-1616
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20180509
Handler Name: VIVREON BIOSCIENCES LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q259
SSE
1/8-1/4
0.239 mi.
1263 ft.

PRIMUMUNE THERAPEUTICS INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 99 of 113 in cluster Q

RCRA NonGen / NLR **1025871129**
CAL000444239

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
Date Form Received by Agency: 20190312
Handler Name: PRIMMUNE THERAPEUTICS INC
Handler Address: 3210 MERRYFIELD ROW
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000444239
Contact Name: JAMES APPLEMAN
Contact Address: 4818 LONGFORD ST
Contact City,State,Zip: SAN DIEGO, CA 92117
Contact Telephone: 858-610-0247
Contact Fax: Not reported
Contact Email: JAPPLEMAN@PRIMUMUNERX.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PRIMUMUNE THERAPEUTICS INC (Continued)

1025871129

Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		3210 MERRYFIELD ROW
Mailing City,State,Zip:		SAN DIEGO, CA 92121
Owner Name:	PRIMUMUNE THERAPEUTICS INC	
Owner Type:		Other
Operator Name:	JAMES APPLEMAN	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		Yes
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSD Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

PRIMUMNE THERAPEUTICS INC (Continued)

1025871129

Financial Assurance Required: Not reported
Handler Date of Last Change: 20190628
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: JAMES APPLEMAN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4818 LONGFORD ST
Owner/Operator City,State,Zip: SAN DIEGO, CA 92117
Owner/Operator Telephone: 858-610-0247
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PRIMMUNE THERAPEUTICS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 858-610-0247
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20190312
Handler Name: PRIMMUNE THERAPEUTICS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

PRIMUMUNE THERAPEUTICS INC (Continued)

1025871129

Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

Q260
SSE
1/8-1/4
0.239 mi.
1263 ft.

SUNOMIX THERAPEUTICS
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 100 of 113 in cluster Q

RCRA NonGen / NLR **1024867230**
CAL000435823

Relative:
Higher
Actual:
318 ft.

RCRA Listings:		
Date Form Received by Agency:		20180504
Handler Name:	SUNOMIX THERAPEUTICS	
Handler Address:		3210 MERRYFIELD ROW
Handler City,State,Zip:		SAN DIEGO, CA 92121
EPA ID:		CAL000435823
Contact Name:		MOE BOUZIANE
Contact Address:		3210 MERRYFIELD ROW
Contact City,State,Zip:		SAN DIEGO, CA 92121
Contact Telephone:		858-900-5059
Contact Fax:		Not reported
Contact Email:		MBOUZIANE@SUNOMIXTHERAPEUTICS.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		3525 DEL MAR HEIGHTS 1037
Mailing City,State,Zip:		SAN DIEGO, CA 92130
Owner Name:	SUNOMIX THERAPEUTICS	
Owner Type:		Other
Operator Name:	MOE BOUZIANE	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

SUNOMIX THERAPEUTICS (Continued)

1024867230

Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: MOE BOUZIANE	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3210 MERRYFIELD ROW
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	858-900-5059
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: SUNOMIX THERAPEUTICS	
Legal Status:	Other
Date Became Current:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

SUNOMIX THERAPEUTICS (Continued)

1024867230

Date Ended Current: Not reported
 Owner/Operator Address: 3210 MERRYFIELD ROW
 Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
 Owner/Operator Telephone: 858-900-5059
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:
 Receive Date: 20180504
 Handler Name: SUNOMIX THERAPEUTICS
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
 NAICS Code: 325412
 NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

Q261
SSE
1/8-1/4
0.239 mi.
1263 ft.

DESIGN THERAPEUTICS INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 101 of 113 in cluster Q

RCRA NonGen / NLR **1025872858**
CAL000445982

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
 Date Form Received by Agency: 20220711
 Handler Name: DESIGN THERAPEUTICS INC
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000445982
 Contact Name: CHERYL D HOYOS
 Contact Address: 6005 HIDDEN VALLEY RD STE 110
 Contact City,State,Zip: CARLSBAD, CA 92011
 Contact Telephone: 858-293-4900
 Contact Fax: Not reported
 Contact Email: CHERYL@DESIGNTX.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Other
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

DESIGN THERAPEUTICS INC (Continued)

1025872858

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6005 HIDDEN VALLEY RD STE 110
Mailing City,State,Zip:	CARLSBAD, CA 92011
Owner Name:	DESIGN THERAPEUTICS INC
Owner Type:	Other
Operator Name:	DESIGN THERAPEUTICS INC
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

DESIGN THERAPEUTICS INC (Continued)

1025872858

Financial Assurance Required: Not reported
Handler Date of Last Change: 20220714
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: DESIGN THERAPEUTICS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6005 HIDDEN VALLEY RD STE 110
Owner/Operator City,State,Zip: CARLSBAD, CA 92011
Owner/Operator Telephone: 858-293-4900
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DESIGN THERAPEUTICS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 991C LOMAS SANTA FE DR #436
Owner/Operator City,State,Zip: SAN DIEGO, CA 92075
Owner/Operator Telephone: 858-333-7250
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DESIGN THERAPEUTICS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 991C LOMAS SANTA FE DR #436
Owner/Operator City,State,Zip: SAN DIEGO, CA 92075
Owner/Operator Telephone: 858-333-7250
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SEAN JEFFRIES
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 991C LOMAS SANTA FE DR #436
Owner/Operator City,State,Zip: SAN DIEGO, CA 92075
Owner/Operator Telephone: 858-333-7250
Owner/Operator Telephone Ext: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

DESIGN THERAPEUTICS INC (Continued)

1025872858

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20220711
Handler Name: DESIGN THERAPEUTICS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20190515
Handler Name: DESIGN THERAPEUTICS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q262 **VEPROBIO INC JLABS SAN DIEGO**
SSE **3210 MERRYFIELD ROW STE 2221A-B-004**
1/8-1/4 **SAN DIEGO, CA 92121**
0.239 mi.
1263 ft. **Site 102 of 113 in cluster Q**

RCRA NonGen / NLR **1026827448**
CAL000462417

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
Date Form Received by Agency: 20210512
Handler Name: VEPROBIO INC JLABS SAN DIEGO
Handler Address: 3210 MERRYFIELD ROW STE 2221A-B-004
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000462417
Contact Name: DANIEL GIBBS
Contact Address: 628 TORRANCE ST APT P
Contact City,State,Zip: SAN DIEGO, CA 92103

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

Database(s)

VEPROBIO INC JLABS SAN DIEGO (Continued)

1026827448

Contact Telephone:	858-336-3554
Contact Fax:	Not reported
Contact Email:	DGIBBS@VECPROBIO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3210 MERRYFIELD ROW STE 2221A-B-004
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	VECPROBIO INC
Owner Type:	Other
Operator Name:	DANIEL GIBBS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

VEPROBIO INC JLABS SAN DIEGO (Continued)

1026827448

Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20210514
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: VECPROBIO INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 13656 MIRA MONTANA WAY
Owner/Operator City,State,Zip: DEL MAR, CA 92014
Owner/Operator Telephone: 858-336-3554
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DANIEL GIBBS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 628 TORRANCE ST APT P
Owner/Operator City,State,Zip: SAN DIEGO, CA 92103
Owner/Operator Telephone: 858-336-3554
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20210512
Handler Name: VEPROBIO INC JLABS SAN DIEGO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

VEPROBIO INC JLABS SAN DIEGO (Continued)

1026827448

Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 541715
 NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q263
SSE
1/8-1/4
0.239 mi.
1263 ft.

CYTONUS THERAPEUTICS INC
3210 MERRYFIELD ROW LAB 2513-2
SAN DIEGO, CA 92121

RCRA NonGen / NLR **1026492018**
CAL000456791

Site 103 of 113 in cluster Q

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
 Date Form Received by Agency: 20200916
 Handler Name: CYTONUS THERAPEUTICS INC
 Handler Address: 3210 MERRYFIELD ROW LAB 2513-2
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000456791
 Contact Name: YUVAL ZUR
 Contact Address: 3210 MERRYFIELD ROW STE 5806
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 760-650-5875
 Contact Fax: 888-977-3470
 Contact Email: YZUR@CYTONUS.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 3210 MERRYFIELD ROW STE 5806
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: REMO MOOMIALE
 Owner Type: Other
 Operator Name: YUVAL ZUR
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

CYTONUS THERAPEUTICS INC (Continued)

1026492018

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200920
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:	
Owner/Operator Indicator:	Owner
Owner/Operator Name:	REMO MOOMIALE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	111 E DESHLER AVE
Owner/Operator City,State,Zip:	COLUMBUS, OH 43206

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

CYTONUS THERAPEUTICS INC (Continued)

1026492018

Owner/Operator Telephone: 631-258-4070
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: YUVAL ZUR
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW STE 5806
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 760-650-5875
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20200916
Handler Name: CYTONUS THERAPEUTICS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Q264 **SCALE BIOSCIENCES INC** **RCRA NonGen / NLR** **1026493061**
SSE **3210 MERRYFIELD ROW STE 2513-5** **CAL000457864**
1/8-1/4 **SAN DIEGO, CA 92121**
0.239 mi.
1263 ft. **Site 104 of 113 in cluster Q**

Relative: RCRA Listings:
Higher Date Form Received by Agency: 20201030
Actual: Handler Name: SCALE BIOSCIENCES INC
318 ft. Handler Address: 3210 MERRYFIELD ROW STE 2513-5
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000457864
Contact Name: FRANK STEEMERS
Contact Address: 3210 MERRYFIELD ROW

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

Database(s)

SCALE BIOSCIENCES INC (Continued)

1026493061

Contact City,State,Zip:		SAN DIEGO, CA 92121
Contact Telephone:		760-815-5656
Contact Fax:		Not reported
Contact Email:		FRANK@SCALE.BIO
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		3210 MERRYFIELD ROW
Mailing City,State,Zip:		SAN DIEGO, CA 92121
Owner Name:	SCALE BIOSCIENCES INC	
Owner Type:		Other
Operator Name:	FRANK STEEMERS	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SCALE BIOSCIENCES INC (Continued)

1026493061

Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20201106
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: SCALE BIOSCIENCES INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 650-850-9422
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: FRANK STEEMERS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 760-815-5656
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20201030
Handler Name: SCALE BIOSCIENCES INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

SCALE BIOSCIENCES INC (Continued)

1026493061

Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325412
 NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q265
SSE
1/8-1/4
0.239 mi.
1263 ft.

JLABS SAN DIEGO ICONOVIR BIO INC
3210 MERRYFIELD ROW STE 2509A
SAN DIEGO, CA 92121

RCRA NonGen / NLR **1026491042**
CAL000455787

Site 105 of 113 in cluster Q

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
 Date Form Received by Agency: 20200723
 Handler Name: JLABS SAN DIEGO ICONOVIR BIO INC
 Handler Address: 3210 MERRYFIELD ROW STE 2509A
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000455787
 Contact Name: MICHAEL LYMAN
 Contact Address: 3210 MERRYFIELD ROW STE 2509A
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 858-361-1868
 Contact Fax: Not reported
 Contact Email: MIKE@ICONOVIR.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 3210 MERRYFIELD ROW STE 2509A
 Mailing City,State,Zip: SAN DIEGO, CA 92121
 Owner Name: ICONOVIR BIO
 Owner Type: Other
 Operator Name: MICHAEL LYMAN
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

JLABS SAN DIEGO ICONOVIR BIO INC (Continued)

1026491042

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200814
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:	
Owner/Operator Indicator:	Operator
Owner/Operator Name: MICHAEL LYMAN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3210 MERRYFIELD ROW STE 2509A
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

JLABS SAN DIEGO ICONOVIR BIO INC (Continued)

1026491042

Owner/Operator Telephone: 858-361-1868
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ICONOVIR BIO
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 689 5TH AVE 12TH FL
Owner/Operator City,State,Zip: NEW YORK, NY 10022
Owner/Operator Telephone: 212-871-7920
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20200723
Handler Name: JLABS SAN DIEGO ICONOVIR BIO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Q266
SSE
1/8-1/4
0.239 mi.
1263 ft.

MABLYTICS INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 106 of 113 in cluster Q

RCRA NonGen / NLR **1026055750**
CAL000451935

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
Date Form Received by Agency: 20200113
Handler Name: MABLYTICS INC
Handler Address: 3210 MERRYFIELD ROW
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000451935
Contact Name: ERIC SJOBERG
Contact Address: 3210 MERRYFIELD ROW

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

Database(s)

Site

MABLYTICS INC (Continued)

1026055750

Contact City,State,Zip:		SAN DIEGO, CA 92121
Contact Telephone:		732-804-9533
Contact Fax:		Not reported
Contact Email:		ESJOBURG@MABLYTICS.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		3210 MERRYFIELD ROW
Mailing City,State,Zip:		SAN DIEGO, CA 92121
Owner Name:	MABLYTICS INC	
Owner Type:		Other
Operator Name:	ERIC SJOBURG	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

MABLYTICS INC (Continued)

1026055750

Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20200210
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: MABLYTICS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 732-804-9533
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ERIC SJOBERG
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 732-804-9533
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20200113
Handler Name: MABLYTICS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

MABLYTICS INC (Continued)

1026055750

Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 541715
 NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q267
SSE
1/8-1/4
0.239 mi.
1263 ft.

ORIGAMI THERAPEUTICS INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121

RCRA NonGen / NLR **1024871647**
CAL000440292

Site 107 of 113 in cluster Q

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
 Date Form Received by Agency: 20181027
 Handler Name: ORIGAMI THERAPEUTICS INC
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000440292
 Contact Name: BETH HOFFMAN
 Contact Address: 3210 MERRYFIELD ROW
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 805-558-2664
 Contact Fax: 858-242-1591
 Contact Email: BETH@ORIGAMITHERAPEUTICS.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 3525 DEL MAR HEIGHTS RD STE 938
 Mailing City,State,Zip: SAN DIEGO, CA 92130
 Owner Name: ORIGAMI THERAPEUTICS INC
 Owner Type: Other
 Operator Name: BETH HOFFMAN
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

ORIGAMI THERAPEUTICS INC (Continued)

1024871647

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSD Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181120
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: BETH HOFFMAN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3210 MERRYFIELD ROW

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

ORIGAMI THERAPEUTICS INC (Continued)

1024871647

Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 805-558-2664
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ORIGAMI THERAPEUTICS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3525 DEL MAR HEIGHTS RD STE 938
Owner/Operator City,State,Zip: SAN DIEGO, CA 92130
Owner/Operator Telephone: 805-558-2664
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20181027
Handler Name: ORIGAMI THERAPEUTICS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Q268 **RECODAGEN LLC** **RCRA NonGen / NLR** **1025872986**
SSE **3210 MERRYFIELD ROW** **CAL000446110**
1/8-1/4 **SAN DIEGO, CA 92121**
0.239 mi.
1263 ft. **Site 108 of 113 in cluster Q**

Relative: RCRA Listings:
Higher Date Form Received by Agency: 20200414
Actual: Handler Name: RECODAGEN LLC
318 ft. Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000446110
 Contact Name: J. SUZANNE LINDSEY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RECODAGEN LLC (Continued)

1025872986

Contact Address:	E SOUTH ST
Contact City,State,Zip:	JACKSON, OH 45640
Contact Telephone:	206-619-9077
Contact Fax:	Not reported
Contact Email:	JSLINDSEY@RECODAGEN.COM
Contact Title:	PRESIDENT AND CSO
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	E SOUTH ST
Mailing City,State,Zip:	JACKSON, OH 45640
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	RECODAGEN LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

RECODAGEN LLC (Continued)

1025872986

Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDU Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20200414
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: RECODAGEN LLC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: JLABS 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 206-619-9077
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: RECODAGEN LLC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 177 E SOUTH ST
Owner/Operator City,State,Zip: JACKSON, OH 45640
Owner/Operator Telephone: 206-619-9077
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: JSLINDSEY@RECODAGEN.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: J. SUZANNE LINDSEY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: JLABS 3210 MERRYFIELD ROW
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 206-619-9077
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

RECODAGEN LLC (Continued)

1025872986

Historic Generators:

Receive Date: 20200414
Handler Name: RECODAGEN LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20190520
Handler Name: RECODAGEN LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 621512
NAICS Description: DIAGNOSTIC IMAGING CENTERS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q269
SSE
1/8-1/4
0.239 mi.
1263 ft.

ORIOLE THERAPEUTICS C/O JLABS
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 109 of 113 in cluster Q

RCRA NonGen / NLR **1026826367**
CAL000461306

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
Date Form Received by Agency: 20210324
Handler Name: ORIOLE THERAPEUTICS C/O JLABS
Handler Address: 3210 MERRYFIELD ROW
Handler City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000461306
Contact Name: ANNE RUBIN
Contact Address: 1000 MARINA BLVD STE 105
Contact City,State,Zip: BRISBANE, CA 94005
Contact Telephone: 707-477-8172
Contact Fax: Not reported
Contact Email: ANNE@ORIOLETHERAPEUTICS.COM

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

ORIOLE THERAPEUTICS C/O JLABS (Continued)

1026826367

Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1000 MARINA BLVD STE 105
Mailing City,State,Zip:	BRISBANE, CA 94005
Owner Name:	ORIOLE THERAPEUTICS INC
Owner Type:	Other
Operator Name:	ANNE RUBIN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

ORIOLE THERAPEUTICS C/O JLABS (Continued)

1026826367

Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20210326
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: ORIOLE THERAPEUTICS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1000 MARINA BLVD STE 105
Owner/Operator City,State,Zip: BRISBANE, CA 94005
Owner/Operator Telephone: 707-477-8172
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ANNE RUBIN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1000 MARINA BLVD STE 105
Owner/Operator City,State,Zip: BRISBANE, CA 94005
Owner/Operator Telephone: 707-477-8172
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20210324
Handler Name: ORIOLE THERAPEUTICS C/O JLABS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

ORIOLE THERAPEUTICS C/O JLABS (Continued)

1026826367

List of NAICS Codes and Descriptions:

NAICS Code: 325412
 NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q270
SSE
1/8-1/4
0.239 mi.
1263 ft.

NEUROGENERATION
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121

RCRA NonGen / NLR

1024836164
CAL000379147

Site 110 of 113 in cluster Q

Relative:
Higher

RCRA Listings:

Actual:
318 ft.

Date Form Received by Agency:	20121023
Handler Name:	NEUROGENERATION
Handler Address:	3210 MERRYFIELD ROW
Handler City,State,Zip:	SAN DIEGO, CA 92121
EPA ID:	CAL000379147
Contact Name:	MOHAMEDI KAGALWALA
Contact Address:	3210 MERRYFIELD ROW
Contact City,State,Zip:	SAN DIEGO, CA 92121
Contact Telephone:	858-242-1511
Contact Fax:	858-242-1592
Contact Email:	KAGALWALA@NEUROGENERATION.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3210 MERRYFIELD ROW
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	MICHEL LEVESQUE
Owner Type:	Other
Operator Name:	MOHAMEDI KAGALWALA
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

NEUROGENERATION (Continued)

1024836164

Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: MOHAMEDI KAGALWALA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3210 MERRYFIELD ROW
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	858-242-1511
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

NEUROGENERATION (Continued)

1024836164

Owner/Operator Email: Not reported
 Owner/Operator Indicator: Owner
 Owner/Operator Name: MICHEL LEVESQUE
 Legal Status: Other
 Date Became Current: Not reported
 Date Ended Current: Not reported
 Owner/Operator Address: 269 S. BEVERLY DRIVE, NUMBER 320
 Owner/Operator City,State,Zip: BEVERLY HILLS, CA 90212
 Owner/Operator Telephone: 310-659-6630
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:
 Receive Date: 20121023
 Handler Name: NEUROGENERATION
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
 NAICS Code: 325414
 NAICS Description: BIOLOGICAL PRODUCT (EXCEPT DIAGNOSTIC) MANUFACTURING

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

Q271
SSE
1/8-1/4
0.239 mi.
1263 ft.

PLEXIUM INC.
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 111 of 113 in cluster Q

RCRA NonGen / NLR **1024746977**
CAC002966749

Relative:
Higher
Actual:
318 ft.

RCRA Listings:
 Date Form Received by Agency: 20180615
 Handler Name: PLEXIUM INC.
 Handler Address: 3210 MERRYFIELD ROW
 Handler City,State,Zip: SAN DIEGO, CA 92121-1126
 EPA ID: CAC002966749
 Contact Name: ANDREW MACCONNELL
 Contact Address: 4202 SORRENTO VALLEY BLVD
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 703-282-2002
 Contact Fax: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

PLEXIUM INC. (Continued)

1024746977

Contact Email:	AMACCONNELL@PLEXIUM.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	4202 SORRENTO VALLEY BLVD
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	KANDASWAMY VIJAYAN
Owner Type:	Other
Operator Name:	ANDREW MACCONNELL
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

PLEXIUM INC. (Continued)

1024746977

Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180831
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: ANDREW MACCONNELL
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4202 SORRENTO VALLEY BLVD
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 703-282-2002
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: KANDASWAMY VIJAYAN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4202 SORRENTO VALLEY BLVD
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 215-796-0147
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20180615
Handler Name: PLEXIUM INC.
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

PLEXIUM INC. (Continued)

1024746977

List of NAICS Codes and Descriptions:

NAICS Code: 541715
 NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Q272
SSE
1/8-1/4
0.239 mi.
1263 ft.

AVANTI BIOSCIENCES INC
3210 MERRYFIELD ROW
SAN DIEGO, CA 92121
Site 112 of 113 in cluster Q

RCRA NonGen / NLR 1024869381
CAL000437995

Relative:
Higher
Actual:
318 ft.

RCRA Listings:

Date Form Received by Agency:	20180801
Handler Name:	AVANTI BIOSCIENCES INC
Handler Address:	3210 MERRYFIELD ROW
Handler City,State,Zip:	SAN DIEGO, CA 92121
EPA ID:	CAL000437995
Contact Name:	GIAN LUCA ARALDI
Contact Address:	3210 MERRYFIELD ROW
Contact City,State,Zip:	SAN DIEGO, CA 92121
Contact Telephone:	631-903-3746
Contact Fax:	Not reported
Contact Email:	GARALDI@AVANTIBIOSCIENCES.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3210 MERRYFIELD ROW
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	AVANTI BIOSCIENCES
Owner Type:	Other
Operator Name:	GIAN LUCA ARALDI
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

EDR ID Number
 EPA ID Number

AVANTI BIOSCIENCES INC (Continued)

1024869381

Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: GIAN LUCA ARALDI	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3210 MERRYFIELD ROW
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92121
Owner/Operator Telephone:	631-903-3746
Owner/Operator Telephone Ext:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 EPA ID Number

AVANTI BIOSCIENCES INC (Continued)

1024869381

Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

 Owner/Operator Indicator: Owner
 Owner/Operator Name: AVANTI BIOSCIENCES
 Legal Status: Other
 Date Became Current: Not reported
 Date Ended Current: Not reported
 Owner/Operator Address: 3210 MERRYFIELD ROW
 Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
 Owner/Operator Telephone: 631-903-3746
 Owner/Operator Telephone Ext: Not reported
 Owner/Operator Fax: Not reported
 Owner/Operator Email: Not reported

Historic Generators:
 Receive Date: 20180801
 Handler Name: AVANTI BIOSCIENCES INC
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
 NAICS Code: 325412
 NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

Q273 **PRODERMIQ INC** **RCRA NonGen / NLR** **1025870301**
SSE **3210 MERRYFIELD RD** **CAL000423907**
1/8-1/4 **SAN DIEGO, CA 92121**
0.239 mi.
1263 ft. **Site 113 of 113 in cluster Q**

Relative: RCRA Listings:
Higher Date Form Received by Agency: 20170105
Actual: Handler Name: PRODERMIQ INC
318 ft. Handler Address: 3210 MERRYFIELD RD
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAL000423907
 Contact Name: DANA HOSSEINI
 Contact Address: 3210 MERRYFIELD RD
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 619-954-4814

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PRODERMIQ INC (Continued)

1025870301

Contact Fax:		Not reported
Contact Email:		DANA@PRODERMIQ.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		3210 MERRYFIELD RD
Mailing City,State,Zip:		SAN DIEGO, CA 92121
Owner Name:	DANA HOSSEINI	
Owner Type:		Other
Operator Name:	DANA HOSSEINI	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

PRODERMIQ INC (Continued)

1025870301

Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20190910
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: DANA HOSSEINI
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD RD
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 619-954-4814
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DANA HOSSEINI
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3210 MERRYFIELD RD
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 619-954-4814
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20170105
Handler Name: PRODERMIQ INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

PRODERMIQ INC (Continued)

1025870301

List of NAICS Codes and Descriptions:

NAICS Code: 325412
 NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

274
East
1/4-1/2
0.270 mi.
1424 ft.

SAW SEGMENT
11080 ROSELLE ST
SAN DIEGO, CA 92121

CA San Diego Co. HMMD **S100178553**
CA Notify 65 **N/A**

Relative:

HMMD SAN DIEGO:

Lower

Name: SAW SEGMENT
 Address: 11080 ROSELLE ST
 City,State,Zip: SAN DIEGO, CA 92121
 Permit Number: 128621
 Business Type: Not reported
 EPA Id Number: CAL000016282
 APN: 310-120-21-00
 Last HMMD Inspection: 08/27/1990
 Facility Telephone: 858-452-3677
 Permit Status: INAC
 Permit Expiration: 08/27/1990
 Date Last Updated: 11/02/2012
 Facility Owner: DAVID JACKSON
 Facility Mailing Address: 11080 ROSELLE ST #D
 Facility Mailing City: SAN DIEGO
 Facility Mailing State: CA
 Facility Mailing Zip: 92121-1223
 UST Owner: Not reported
 Handle Regulated Hazmat: Not reported
 Own Or Operate UST: Not reported
 Subject To APSA: Not reported
 Generate Haz Waste: Y
 Treat Haz Waste: Not reported
 Generate Medical Waste: Not reported

Actual:

Name: BIOLEGEND, INC.
 Address: 11080 ROSELLE ST
 City,State,Zip: SAN DIEGO, CA 92121
 Permit Number: 207514
 Business Type: 6HK67
 EPA Id Number: CAL000314407
 APN: 310-120-21-00
 Last HMMD Inspection: 01/31/2012
 Facility Telephone: 858-455-7588
 Permit Status: INAC
 Permit Expiration: 05/31/2012
 Date Last Updated: 11/02/2012
 Facility Owner: BIOLEGEND

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SAW SEGMENT (Continued)

S100178553

Facility Mailing Address: 11080 ROSELLE ST
Facility Mailing City: San Diego
Facility Mailing State: CA
Facility Mailing Zip: 92121
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Name: BIOSITE DIAGNOSTICS
Address: 11080 ROSELLE ST
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 126046
Business Type: 6HK67
EPA Id Number: CAD981444441
APN: 310-120-21-00
Last HMMD Inspection: 09/28/2006
Facility Telephone: 858-455-4808
Permit Status: INAC
Permit Expiration: 03/31/2007
Date Last Updated: 11/02/2012
Facility Owner: BIOSITE DIAGNOSTICS
Facility Mailing Address: 9975 SUMMERS RIDGE RD
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Name: BIOSITE DIAGNOSTICS
Address: 11080 ROSELLE ST
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 126046
Business Type: 6HK67
EPA Id Number: CAD981444441
APN: 310-120-21-00
Last HMMD Inspection: 09/28/2006
Facility Telephone: 858-455-4808
Permit Status: INAC
Permit Expiration: 03/31/2007
Date Last Updated: 11/02/2012
Facility Owner: BIOSITE DIAGNOSTICS
Facility Mailing Address: 9975 SUMMERS RIDGE RD
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SAW SEGMENT (Continued)

S100178553

Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

NOTIFY 65:

Name: SAW SEGMENT
Address: 11080 ROSELLE ST
City,State,Zip: SAN DIEGO, CA 92121-1223
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported
Global ID: Not reported
Status: Not reported

R275
WSW
1/4-1/2
0.321 mi.
1696 ft.

CALBIOCHEM NOVABIOCHEM CORP
10933 N TORREY PINES RD
LA JOLLA, CA 92037

RCRA-SQG 1000163545
CA ENVIROSTOR CAD008237190

Site 1 of 3 in cluster R

Relative:
Higher
Actual:
443 ft.

RCRA Listings:
Date Form Received by Agency: 19960901
Handler Name: CALBIOCHEM NOVABIOCHEM CORP
Handler Address: 10933 N TORREY PINES RD
Handler City,State,Zip: LA JOLLA, CA 92037-1005
EPA ID: CAD008237190
Contact Name: Not reported
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: CA
State District: 4
Mailing Address: 10933 NORTH TORREY PINE ROAD
Mailing City,State,Zip: LA JOLLA, CA 92037-1005
Owner Name: Not reported
Owner Type: Not reported
Operator Name: CAL BIOCHEM-BEHRING CORP
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

CALBIOCHEM NOVABIOCHEM CORP (Continued)

1000163545

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020917
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:
 Owner/Operator Indicator: Owner
 Owner/Operator Name: CALBIOCHEM NOVABIOCHEM INTL
 Legal Status: Private

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CALBIOCHEM NOVABIOCHEM CORP (Continued)

1000163545

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10933 N TORREY PINES RD
Owner/Operator City,State,Zip: LA JOLLA, CA 92037-1005
Owner/Operator Telephone: 619-450-5682
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CAL BIOCHEM-BEHRING CORP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 12087
Owner/Operator City,State,Zip: NOT REQUIRED, CA 99999
Owner/Operator Telephone: 714-453-7331
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19960901
Handler Name: CALBIOCHEM NOVABIOCHEM CORP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19921023
Handler Name: CALBIOCHEM NOVABIOCHEM CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19900412
Handler Name: CALBIOCHEM-BEHRING CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CALBIOCHEM NOVABIOCHEM CORP (Continued)

1000163545

Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325411
NAICS Description: MEDICINAL AND BOTANICAL MANUFACTURING

NAICS Code: 325414
NAICS Description: BIOLOGICAL PRODUCT (EXCEPT DIAGNOSTIC) MANUFACTURING

NAICS Code: 42269
NAICS Description: OTHER CHEMICAL AND ALLIED PRODUCTS WHOLESALERS

Facility Has Received Notices of Violation:

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19901008
Actual Return to Compliance Date: 19951008
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CALBIOCHEM NOVABIOCHEM CORP (Continued)

1000163545

Date Violation was Determined: 19851025
Actual Return to Compliance Date: 19890719
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19851225
Enforcement Identifier: 001
Date of Enforcement Action: 19851025
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CALBIOCHEM NOVABIOCHEM CORP (Continued)

1000163545

Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19901008
Evaluation Responsible Agency: State Contractor/Grantee

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CALBIOCHEM NOVABIOCHEM CORP (Continued)

1000163545

Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19951008
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19851025
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19890719
Scheduled Compliance Date: 19851225
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19851025
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19810922
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9EPA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

ENVIROSTOR:

Name: CALBIOCHEM-BEHRING
Address: 10933 NORTH TORREY PINES ROAD
City,State,Zip: SAN DIEGO, CA 92037
Facility ID: 37280025
Status: Refer: Other Agency

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

CALBIOCHEM NOVABIOCHEM CORP (Continued)

1000163545

Status Date: 06/01/1995
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Cypress
Assembly: 78
Senate: 39
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 32.90138
Longitude: -117.2425
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * HALOGENATED SOLVENTS * HYDROCARBON SOLVENTS * Laboratory Waste
Chemicals * LIQUIDS WITH PH <= 2 * ORGANIC SOLIDS WITH HALOGENS *
OTHER ORGANIC SOLIDS * OXYGENATED SOLVENTS * CONTAMINATED SOIL *
ALKALINE SOLUTION WITHOUT METALS * UNSPECIFIED ACID SOLUTION *
UNSPECIFIED ALKALINE SOLUTIONS * UNSPECIFIED OIL CONTAINING WASTE *
UNSPECIFIED SLUDGE WASTE * UNSPECIFIED SOLVENT MIXTURES * AQUEOUS
SOLUTION 2<PH<12.5, WITH REACTIVE ANIONS * POLYMERIC RESIN WASTE *
UNSPECIFIED ORGANIC LIQUID MIXTURE
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: BEHRING DIAGNOSTICS
Alias Type: Alternate Name
Alias Name: CAD008237190
Alias Type: EPA Identification Number
Alias Name: 37280025
Alias Type: Envirostor ID Number
Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 12/17/1982
Comments: FACILITY IDENTIFIED ID VIA 72 SAN DIEGO YELLOW PAGES

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 08/15/1989
Comments: Self-monitoring: Soil borings under building - DDD & DDE
contamination; County oversight. Preliminary Assessment Done: Refer
site to County Health. County has been assessing contamination at the
site. This is a RCRA regulated facility that was referred to the
County of San Diego. DHS to oversee assessment of contamination. Site
listed on Cortese.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

CALBIOCHEM NOVABIOCHEM CORP (Continued)

1000163545

Completed Document Type: Site Screening
Completed Date: 10/30/1986
Comments: Site Screening Done: Recommend Preliminary Assessment due to storage of toxic chemicals and a hazardous materials incident.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

R276 **HEALTH SCIENCE PROPERTIES**
WSW **10933 N TORREY PINES RD**
1/4-1/2 **LA JOLLA, CA 92037**
0.321 mi.
1696 ft. **Site 2 of 3 in cluster R**

CA CPS-SLIC **S108198010**
N/A

Relative:
Higher
Actual:
443 ft.

CPS-SLIC:
Name: HEALTH SCIENCE PROPERTIES
Address: 10933 N TORREY PINES RD
City,State,Zip: LA JOLLA, CA 92037
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 02/05/1994
Global Id: T0608119287
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H02699-002
Latitude: 32.902085
Longitude: -117.242194
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Name: HEALTH SCIENCE PROPERTIES
Address: 10933 N TORREY PINES RD
City,State,Zip: LA JOLLA, CA 92037
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 06/28/1988
Global Id: T0608121272
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H02699-001
Latitude: 32.902085
Longitude: -117.242194
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

HEALTH SCIENCE PROPERTIES (Continued)

S108198010

RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Soil
Potential Contaminants of Concern: * Chlorinated Hydrocarbons
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

R277
WSW
1/4-1/2
0.321 mi.
1696 ft.

HEALTH SCIENCE PROPERTIES
10933 N TORREY PINES RD
LA JOLLA, CA 92037

CA SAN DIEGO CO. SAM
CA San Diego Co. HMMD
CA CERS

S100931503
N/A

Site 3 of 3 in cluster R

Relative:
Higher
Actual:
443 ft.

SAN DIEGO CO. SAM:

Name: HEALTH SCIENCE PROPERTIES
Address: 10933 N TORREY PINES RD
City,State,Zip: LA JOLLA, CA 92037
Case Number: H02699-001
Agency: DEH Site Assessment & Mitigation
Funding: Private - VAP
Facility Type: Soils Only
Facility Status: Closed Case
Date: 6/28/1988
Date Began: 7/14/1986

Name: HEALTH SCIENCE PROPERTIES
Address: 10933 N TORREY PINES RD
City,State,Zip: LA JOLLA, CA 92037
Case Number: H02699-002
Agency: DEH Site Assessment & Mitigation
Funding: Private - VAP
Facility Type: Soils Only
Facility Status: Closed Case
Date: 2/5/1994
Date Began: 6/16/1988

HMMD SAN DIEGO:

Name: ADVANCED BIOHEALING INC
Address: 10933 N TORREY PINES RD
City,State,Zip: LA JOLLA, CA 92037
Permit Number: 207789
Business Type: 6HK67P
EPA Id Number: CAL000315370
APN: 340-010-15-00
Last HMMD Inspection: 11/17/2011
Facility Telephone: 858-754-3700
Permit Status: OPEN
Permit Expiration: 06/30/2013
Date Last Updated: 11/02/2012
Facility Owner: ADVANCED BIOHEALING INC
Facility Mailing Address: 11095 TORREYANA RD
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121-1104
UST Owner: Not reported
Handle Regulated Hazmat: Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

HEALTH SCIENCE PROPERTIES (Continued)

S100931503

Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 207789
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 207789
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 207789
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 207789
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL FUEL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 207789
Update Date: 11/02/2012
Case Number: 124-38-9
Name: DRY ICE SOLID CO2
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 207789
Update Date: 11/02/2012
Case Number: 67-63-0
Name: ISOPROPYL ALCOHOL
Other Information: Not reported
Material Waste: Material

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

HEALTH SCIENCE PROPERTIES (Continued)

S100931503

Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 207789
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 207789
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 207789
Update Date: 11/02/2012
Case Number: 2809-21-4
Name: POLYMALEIC ACID
Other Information: TRIDENT 6005 BOILER WATER TREATMENT
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 207789
Update Date: 11/02/2012
Case Number: 68476-85-7
Name: PROPANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 207789
Update Date: 11/02/2012
Case Number: 7647-14-5
Name: SODIUM CHLORIDE
Other Information: SALT FOR WATER SOFTNER
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 207789
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: WASTE ISOPROPANOL AND ACETONITRILE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

HEALTH SCIENCE PROPERTIES (Continued)

S100931503

Permit Number: 207789
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 207789
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: LAB PACK HAZARDOUS WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 207789
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Other Information: RED BAGS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 207789
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: SHARPS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 207789
Update Date: 11/02/2012
Inspection Date: 07/11/2008
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank.
66262.34(f)
Activity: ACTIVE

Permit Number: 207789
Update Date: 11/02/2012
Inspection Date: 07/11/2008
Violation Code: 6HV4351
Violation: LQG:MWMP NOT SUBMITTED TO HMD
Violation Citation: Medical Waste Management Plan has not been submitted to County HMD
(Initial Submission/updates)(LQG). 117960, 117970
Activity: ACTIVE

Permit Number: 207789
Update Date: 11/02/2012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

HEALTH SCIENCE PROPERTIES (Continued)

S100931503

Inspection Date: 03/02/2007
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank.
66262.34(f)
Activity: ACTIVE

Permit Number: 207789
Update Date: 11/02/2012
Inspection Date: 03/02/2007
Violation Code: 6HV4209
Violation: NO GENERATOR'S INFO ON RED BAGS/SHARPS
Violation Citation: Red bags, sharps containers not labeled with generator's name,
address, and phone number. 68.1205
Activity: ACTIVE

Name: ADVANCED BIOHEALING INC
Address: 10933 N TORREY PINES RD
City,State,Zip: LA JOLLA, CA 92037
Permit Number: 207789
Business Type: 6HK67P
EPA Id Number: CAL000315370
APN: 340-010-15-00
Last HMMD Inspection: 11/17/2011
Facility Telephone: 858-754-3700
Permit Status: OPEN
Permit Expiration: 06/30/2013
Date Last Updated: 11/02/2012
Facility Owner: ADVANCED BIOHEALING INC
Facility Mailing Address: 11095 TORREYANA RD
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121-1104
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Y
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 207789
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 207789
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE LIQUID
Other Information: Not reported
Material Waste: Material

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

HEALTH SCIENCE PROPERTIES (Continued)

S100931503

Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 207789
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 207789
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL FUEL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 207789
Update Date: 11/02/2012
Case Number: 124-38-9
Name: DRY ICE SOLID CO2
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 207789
Update Date: 11/02/2012
Case Number: 67-63-0
Name: ISOPROPYL ALCOHOL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 207789
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 207789
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

HEALTH SCIENCE PROPERTIES (Continued)

S100931503

Permit Number: 207789
Update Date: 11/02/2012
Case Number: 2809-21-4
Name: POLYMALEIC ACID
Other Information: TRIDENT 6005 BOILER WATER TREATMENT
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 207789
Update Date: 11/02/2012
Case Number: 68476-85-7
Name: PROPANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 207789
Update Date: 11/02/2012
Case Number: 7647-14-5
Name: SODIUM CHLORIDE
Other Information: SALT FOR WATER SOFTNER
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 207789
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: WASTE ISOPROPANOL AND ACETONITRILE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 207789
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 207789
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: LAB PACK HAZARDOUS WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 207789
Update Date: 11/02/2012
Case Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

HEALTH SCIENCE PROPERTIES (Continued)

S100931503

Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Other Information: RED BAGS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 207789
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: SHARPS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 207789
Update Date: 11/02/2012
Inspection Date: 07/11/2008
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank.
66262.34(f)
Activity: ACTIVE

Permit Number: 207789
Update Date: 11/02/2012
Inspection Date: 07/11/2008
Violation Code: 6HV4351
Violation: LQG:MWMP NOT SUBMITTED TO HMD
Violation Citation: Medical Waste Management Plan has not been submitted to County HMD
(Initial Submission/updates)(LQG). 117960, 117970
Activity: ACTIVE

Permit Number: 207789
Update Date: 11/02/2012
Inspection Date: 03/02/2007
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank.
66262.34(f)
Activity: ACTIVE

Permit Number: 207789
Update Date: 11/02/2012
Inspection Date: 03/02/2007
Violation Code: 6HV4209
Violation: NO GENERATOR'S INFO ON RED BAGS/SHARPS
Violation Citation: Red bags, sharps containers not labeled with generator's name,
address, and phone number. 68.1205
Activity: ACTIVE

Name: SCRIPPS RESEARCH INTS. CBC
Address: 10933 N TORREY PINES RD
City,State,Zip: LA JOLLA, CA 92037
Permit Number: 133660

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

HEALTH SCIENCE PROPERTIES (Continued)

S100931503

Business Type: 6HK67
EPA Id Number: CAL000082417
APN: 340-010-15-00
Last HMMD Inspection: 01/02/2001
Facility Telephone: 858-784-8240
Permit Status: INAC
Permit Expiration: 02/28/2001
Date Last Updated: 11/02/2012
Facility Owner: THE SCRIPPS RESEARCH INSTITUTE
Facility Mailing Address: 10550 N TORREY PINES RD
Facility Mailing City: LA JOLLA
Facility Mailing State: CA
Facility Mailing Zip: 92037-
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Name: HEALTH SCIENCE PROPERTIES
Address: 10933 N TORREY PINES RD
City,State,Zip: LA JOLLA, CA 92037
Permit Number: 102699
Business Type: Not reported
EPA Id Number: CAD008237190
APN: 340-200-03-00
Last HMMD Inspection: 10/23/1995
Facility Telephone: 858-569-7606
Permit Status: INAC
Permit Expiration: Not reported
Date Last Updated: 11/02/2012
Facility Owner: HEALTH SCIENCE PROP
Facility Mailing Address: 9737 N AERO DR #140
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92123-
UST Owner: HEALTH SCIENCE PROPERTIES
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

UST:

UST Name: UNDERGROUND TANK 102699 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 102699
Tank Type: SINGLE WALL
Additional Id: UGT-1 METHANOL
Capacity Gallons: 8000
UST Contents: Not reported
Other Content Info: METHANOL
Reg Status: REMOVED
Remove Close Date: 1987-10-27 00:00:00
Year Installed: 1982-01-01 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

HEALTH SCIENCE PROPERTIES (Continued)

S100931503

Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 10
UST Monitor Method: SW TANK DW PRESSURE PIPE W/POS SHUTOFF LLD W/DAILY RECONCILE OR WEEKLY GAUGE: TNK TEST ANN, PIPE TEST ANN 0.1 GAL/HR OR MO 0.2 GAL/HR

Name: ADVANCED BIOHEALING INC
Address: 10933 N TORREY PINES RD
City,State,Zip: LA JOLLA, CA 92037
Permit Number: 207789
Business Type: 6HK67P
EPA Id Number: CAL000315370
APN: 340-010-15-00
Last HMMMD Inspection: 11/17/2011
Facility Telephone: 858-754-3700
Permit Status: OPEN
Permit Expiration: 06/30/2013
Date Last Updated: 11/02/2012
Facility Owner: ADVANCED BIOHEALING INC
Facility Mailing Address: 11095 TORREYANA RD
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121-1104
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Y
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 207789
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 207789
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 207789
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

HEALTH SCIENCE PROPERTIES (Continued)

S100931503

Hazardous Categories 2:	Not reported
Permit Number:	207789
Update Date:	11/02/2012
Case Number:	68476-34-6
Name:	DIESEL FUEL
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC
Permit Number:	207789
Update Date:	11/02/2012
Case Number:	124-38-9
Name:	DRY ICE SOLID CO2
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported
Permit Number:	207789
Update Date:	11/02/2012
Case Number:	67-63-0
Name:	ISOPROPYL ALCOHOL
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE
Permit Number:	207789
Update Date:	11/02/2012
Case Number:	7727-37-9
Name:	NITROGEN GAS
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	ACUTE
Permit Number:	207789
Update Date:	11/02/2012
Case Number:	7727-37-9
Name:	NITROGEN LIQUID
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	CRYOGENIC
Permit Number:	207789
Update Date:	11/02/2012
Case Number:	2809-21-4
Name:	POLYMALEIC ACID
Other Information:	TRIDENT 6005 BOILER WATER TREATMENT
Material Waste:	Material
Hazardous Categories 1:	REACTIVE
Hazardous Categories 2:	ACUTE
Permit Number:	207789

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

HEALTH SCIENCE PROPERTIES (Continued)

S100931503

Update Date: 11/02/2012
Case Number: 68476-85-7
Name: PROPANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 207789
Update Date: 11/02/2012
Case Number: 7647-14-5
Name: SODIUM CHLORIDE
Other Information: SALT FOR WATER SOFTNER
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 207789
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: WASTE ISOPROPANOL AND ACETONITRILE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 207789
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 207789
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: LAB PACK HAZARDOUS WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 207789
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Other Information: RED BAGS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 207789
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 902 INFECTIOUS WASTE, SHARPS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

HEALTH SCIENCE PROPERTIES (Continued)

S100931503

Other Information: SHARPS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 207789
Update Date: 11/02/2012
Inspection Date: 07/11/2008
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank.
66262.34(f)
Activity: ACTIVE

Permit Number: 207789
Update Date: 11/02/2012
Inspection Date: 07/11/2008
Violation Code: 6HV4351
Violation: LQG:MWMP NOT SUBMITTED TO HMD
Violation Citation: Medical Waste Management Plan has not been submitted to County HMD
(Initial Submission/updates)(LQG). 117960, 117970
Activity: ACTIVE

Permit Number: 207789
Update Date: 11/02/2012
Inspection Date: 03/02/2007
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank.
66262.34(f)
Activity: ACTIVE

Permit Number: 207789
Update Date: 11/02/2012
Inspection Date: 03/02/2007
Violation Code: 6HV4209
Violation: NO GENERATOR'S INFO ON RED BAGS/SHARPS
Violation Citation: Red bags, sharps containers not labeled with generator's name,
address, and phone number. 68.1205
Activity: ACTIVE

CERS:

Name: HEALTH SCIENCE PROPERTIES
Address: 10933 N TORREY PINES RD
City,State,Zip: LA JOLLA, CA 92037
Site ID: 192984
CERS ID: T0608121272
CERS Description: Cleanup Program Site

Name: HEALTH SCIENCE PROPERTIES
Address: 10933 N TORREY PINES RD
City,State,Zip: LA JOLLA, CA 92037
Site ID: 192984
CERS ID: T0608119287

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEALTH SCIENCE PROPERTIES (Continued)

S100931503

CERS Description: Cleanup Program Site

S278
NE
1/4-1/2
0.413 mi.
2181 ft.

ACV APPRAISERS
11468 SORRENTO VALLEY RD
SAN DIEGO, CA 92121

SEMS-ARCHIVE 1015732792
RCRA-SQG CAD081798977
FINDS

Site 1 of 2 in cluster S

Relative:
Lower
Actual:
46 ft.

SEMS Archive:
Site ID: 0901621
EPA ID: CAD081798977
Name: MEPCO ELECTRA
Address: 11468 SORRENTO VLY RD
Address 2: Not reported
City, State, Zip: SAN DIEGO, CA 92121
Cong District: 41
FIPS Code: 06073
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 09
Site ID: 0901621
EPA ID: CAD081798977
Site Name: MEPCO ELECTRA
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1984-11-01 06:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 09
Site ID: 0901621
EPA ID: CAD081798977
Site Name: MEPCO ELECTRA
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1980-08-01 04:00:00
Finish Date: 1980-08-01 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901621
EPA ID: CAD081798977
Site Name: MEPCO ELECTRA
NPL: N
FF: N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

ACV APPRAISERS (Continued)

1015732792

OU: 00
 Action Code: PA
 Action Name: PA
 SEQ: 1
 Start Date: 1984-01-01 05:00:00
 Finish Date: 1984-11-01 06:00:00
 Qual: N
 Current Action Lead: St Perf

RCRA Listings:

Date Form Received by Agency: 19960901
 Handler Name: MEPCOPAL
 Handler Address: 11468 SORRENTO VALLEY RD
 Handler City,State,Zip: SAN DIEGO, CA 92121
 EPA ID: CAD081798977
 Contact Name: Not reported
 Contact Address: Not reported
 Contact City,State,Zip: Not reported
 Contact Telephone: Not reported
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: CA
 State District: 4
 Mailing Address: PO BOX 82927
 Mailing City,State,Zip: SAN DIEGO, CA 92138
 Owner Name: Not reported
 Owner Type: Not reported
 Operator Name: NOT REQUIRED
 Operator Type: Private
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: NN

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

ACV APPRAISERS (Continued)

1015732792

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSD Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020917
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: NORTH AMERICAN PHILIPS	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: NOT REQUIRED	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

ACV APPRAISERS (Continued)

1015732792

Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19960901
Handler Name: MEPCOPAL
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19800818
Handler Name: MEPCOPAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violation:

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19921211
Actual Return to Compliance Date: 19971211
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

ACV APPRAISERS (Continued)

1015732792

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19910328
Actual Return to Compliance Date: 19921211
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

ACV APPRAISERS (Continued)

1015732792

Evaluation Action Summary:

Evaluation Date: 19921211
 Evaluation Responsible Agency: State Contractor/Grantee
 Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: R9STA
 Evaluation Responsible Sub-Organization: Not reported
 Actual Return to Compliance Date: 19971211
 Scheduled Compliance Date: Not reported
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

Evaluation Date: 19910328
 Evaluation Responsible Agency: State Contractor/Grantee
 Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: R9STA
 Evaluation Responsible Sub-Organization: Not reported
 Actual Return to Compliance Date: 19921211
 Scheduled Compliance Date: Not reported
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

FINDS:

Registry ID: 110055851056

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:
 STATE MASTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

S279
NE
1/4-1/2
0.413 mi.
2181 ft.

MEPCOPAL
11525 SORRENTO VALLEY RD.
SAN DIEGO, CA 92121
Site 2 of 2 in cluster S

CA ENVIROSTOR **1000180095**
CA San Diego Co. HMMD **N/A**
FINDS
ECHO
CA HAZNET
CA HWTS

Relative:
Lower

Actual:
46 ft.

ENVIROSTOR:
 Name: ELECTRA MIDLAND CORPORATION
 Address: 11468 SORRENTO VALLEY ROAD
 City,State,Zip: SAN DIEGO, CA 92121
 Facility ID: 37360049
 Status: Refer: Other Agency
 Status Date: 08/21/1995
 Site Code: Not reported
 Site Type: Historical
 Site Type Detailed: * Historical
 Acres: Not reported
 NPL: NO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

MEPCOPAL (Continued)

1000180095

Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Cypress
Assembly: 78
Senate: 39
Special Program: * RCRA 3012 - Past Haz Waste Disp Inven Site
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 32.90983
Longitude: -117.2307
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * HALOGENATED SOLVENTS * UNSPECIFIED SOLVENT MIXTURES
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: MEPCO ELECTRA INC
Alias Type: Alternate Name
Alias Name: SUBSID OF NORTH AMERICAN PHILLIPS
Alias Type: Alternate Name
Alias Name: CAD081798977
Alias Type: EPA Identification Number
Alias Name: 37360049
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 10/12/1983
Comments: FACILITY IDENTIFIED ID FROM ERRIS

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 12/17/1982
Comments: FACILITY IDENTIFIED ID VIA 72 SAN DIEGO YELLOW PAGES

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/25/1994
Comments: CALSITES VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 01/06/1984
Comments: PERMIT(OTHER) PERMIT: IW SEWER PERMIT #02-002-171-1 BY CITY OF SD METROPOLITAN WATER DISTRICT SOURCE ACT: CITY OF METRO WATER DIST, SEWER DISCH APPLI - RESEARCH & MFG OF VOLTAGE, MEASURING DEVICES. YR OF OPER: 1972-PRESENT. WASTE: DISP TO SEWER APPROX 500GAL/D WERE HAULED BY BKK LETTER FROM CO 11/20/80 - NO REQ OF A STORAGE PERMIT BECAUSE OF LESS QUANT & HOLDING LESS THAN 90 DAYS. SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

MEPCOPAL (Continued)

1000180095

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HMMD SAN DIEGO:

Name: ACV APPRAISERS
Address: 11468 SORRENTO VALLEY RD
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 204748
Business Type: 6HK25
EPA Id Number: CAL000233971
APN: 310-070-06-00
Last HMMD Inspection: 10/17/2011
Facility Telephone: 858-356-0123
Permit Status: OPEN
Permit Expiration: 08/31/2013
Date Last Updated: 11/02/2012
Facility Owner: JOSEPH A SALGUEIRO
Facility Mailing Address: 11468 SORRENTO VALLEY RD
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 204748
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information: PARTS WASHER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204748
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204748
Update Date: 11/02/2012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

MEPCOPAL (Continued)

1000180095

Case Number: Not reported
Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information: USED ANTIFREEZE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204748
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 444 USED BATTERIES
Other Information: INTERSTATE IS HAULER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204748
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 204748
Update Date: 11/02/2012
Inspection Date: 03/02/2010
Violation Code: 6HV1013
Violation: HMBP NOT AVAILABLE FOR REVIEW
Violation Citation: Copy of HMBP not onsite for inspector's review. 25505(e)
Activity: ACTIVE

Permit Number: 204748
Update Date: 11/02/2012
Inspection Date: 03/02/2010
Violation Code: 6HV1017
Violation: HMBP NOT CERTIFIED ANNUALLY
Violation Citation: Business Plan not certified annually. 25505(d) & (e)(2)
Activity: ACTIVE

Name: CALIFORNIA FURNITURE COLLECTIO
Address: 11468 SORRENTO VALLEY RD
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 134335
Business Type: 6HK72
EPA Id Number: CAL000111863
APN: 310-070-06-00
Last HMMD Inspection: 05/19/2003
Facility Telephone: 858-693-6000
Permit Status: INAC
Permit Expiration: 01/31/2003
Date Last Updated: 11/02/2012
Facility Owner: ARTIFACTS INTERNATIONAL
Facility Mailing Address: 9340 DOWDY DR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

MEPCOPAL (Continued)

1000180095

Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92126-
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Violations Inactive Permits:

Permit Number: 134335
Update Date: 11/02/2012
Inspection Date: 05/19/2003
Violation Code: 6HV0131
Violation: UPF Permit NOT OBTAINED for HAZWASTE
Violation Citation: A Unified Program Facility permit has not been obtained for the generation of hazardous waste. 68.905
Activity: Inactive Permit

Permit Number: 134335
Update Date: 11/02/2012
Inspection Date: 05/19/2003
Violation Code: 6HV0401
Violation: TRAINING RECORDS UNAVAILABLE
Violation Citation: Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e)
Activity: Inactive Permit

Permit Number: 134335
Update Date: 11/02/2012
Inspection Date: 05/19/2003
Violation Code: 6HV0402
Violation: TRAINING PROGRAM NOT ADEQUATE
Violation Citation: Personnel training is not adequate to ensure compliance with hazardous waste regulations. CCR 66265.16(a)&(b)
Activity: Inactive Permit

Name: ACV APPRAISERS
Address: 11468 SORRENTO VALLEY RD
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 204748
Business Type: 6HK25
EPA Id Number: CAL000233971
APN: 310-070-06-00
Last HMMD Inspection: 10/17/2011
Facility Telephone: 858-356-0123
Permit Status: OPEN
Permit Expiration: 08/31/2013
Date Last Updated: 11/02/2012
Facility Owner: JOSEPH A SALGUEIRO
Facility Mailing Address: 11468 SORRENTO VALLEY RD
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

MEPCOPAL (Continued)

1000180095

UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 204748
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information: PARTS WASHER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204748
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204748
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information: USED ANTIFREEZE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204748
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 444 USED BATTERIES
Other Information: INTERSTATE IS HAULER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 204748
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 204748
Update Date: 11/02/2012

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

MEPCOPAL (Continued)

1000180095

Inspection Date: 03/02/2010
Violation Code: 6HV1013
Violation: HMBP NOT AVAILABLE FOR REVIEW
Violation Citation: Copy of HMBP not onsite for inspector's review. 25505(e)
Activity: ACTIVE

Permit Number: 204748
Update Date: 11/02/2012
Inspection Date: 03/02/2010
Violation Code: 6HV1017
Violation: HMBP NOT CERTIFIED ANNUALLY
Violation Citation: Business Plan not certified annually. 25505(d) & (e)(2)
Activity: ACTIVE

FINDS:

Registry ID: 110002144108

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000180095
Registry ID: 110002144108
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002144108>
Name: MEPCOPAL
Address: 11525 SORRENTO VALLEY RD.
City,State,Zip: SAN DIEGO, CA 92121

HAZNET:

Name: MEPCOPAL
Address: 11468 SORRENTO VALLEY RD
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 921210000
Contact: INACTIVE 1-29-93
Telephone: 6194530332
Mailing Name: Not reported
Mailing Address: PO BOX 82927

Year: 1993
Gepaid: CAD081798977
TSD EPA ID: CAD074644659
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride,

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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

MEPCOPAL (Continued)

1000180095

Disposal Method:	perchloroethylene, etc)
Tons:	R01 - Recycler 0.417
Year:	1992
Gepaid:	CAD081798977
TSD EPA ID:	CAD074644659
CA Waste Code:	211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	R01 - Recycler
Tons:	1.8765
Year:	1992
Gepaid:	CAD081798977
TSD EPA ID:	CAD008302903
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	R01 - Recycler
Tons:	0.7922
Year:	1992
Gepaid:	CAD081798977
TSD EPA ID:	CAD008302903
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	R01 - Recycler
Tons:	2.6688
Year:	1992
Gepaid:	CAD081798977
TSD EPA ID:	CAT000618652
CA Waste Code:	211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	R01 - Recycler
Tons:	2.6271
Year:	1991
Gepaid:	CAD081798977
TSD EPA ID:	CAD008302903
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	R01 - Recycler
Tons:	0.4586
Year:	1991
Gepaid:	CAD081798977
TSD EPA ID:	CAD008302903
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	R01 - Recycler
Tons:	3.6696
Year:	1991
Gepaid:	CAD081798977
TSD EPA ID:	CAT080013352
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	0.2293
Year:	1991
Gepaid:	CAD081798977

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEPCOPAL (Continued)

1000180095

TSD EPA ID: CAT080010101
CA Waste Code: 334 -
Disposal Method: 14 -
Tons: 0.06

Year: 1991
Gepaid: CAD081798977
TSD EPA ID: CAT080010101
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: 14 -
Tons: 0.18

[Click this hyperlink](#) while viewing on your computer to access
34 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year: 1993
Gen EPA ID: CAD081798977

Shipment Date: 19930202
Creation Date: 9/15/1995 0:00:00
Receipt Date: 19930205
Manifest ID: 92467665
Trans EPA ID: CAD029363876
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSD EPA ID: CAD074644659
Trans Name: Not reported
TSD EPA ID: Not reported
TSD EPA Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.

RCRA Code: F001
Meth Code: R01 - Recycler
Quantity Tons: 0.417
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: MEPCOPAL
Address: 11468 SORRENTO VALLEY RD
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAD081798977
Inactive Date: 01/29/1993
Create Date: 07/23/1982
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 82927

Map ID
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Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

MEPCOPAL (Continued)

1000180095

Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 921380000
Owner Name: NAME CHANGED FROM MEPCO/
Owner Address: ELECTRA INC/LTR 3/24/88
Owner Address 2: Not reported
Owner City,State,Zip: Not reported
Contact Name: INACTIVE 1-29-93
Contact Address: INACTIVE AS OF 1-29-93
Contact Address 2: Not reported
City,State,Zip: Not reported
Facility Status: Inactive
Facility Type: PERMANENT
Category: FEDERAL
Latitude: 32.910234
Longitude: -117.230263

280
NNW
1/4-1/2
0.475 mi.
2507 ft.

CAMACHO CONSTRUCTION INC
11321 FLINTKOTE AV
SAN DIEGO, CA 92121

CA SAN DIEGO CO. SAM S104750199
CA CPS-SLIC N/A
CA San Diego Co. HMMD
CA SAN DIEGO CO LOP
CA CERS

Relative:
Lower
Actual:
28 ft.

SAN DIEGO CO. SAM:
Name: CAMACHO CONSTRUCTION INC
Address: 11321 FLINTKOTE AV
City,State,Zip: SAN DIEGO, CA 921211225
Case Number: H23191-001
Agency: DEH Site Assessment & Mitigation
Funding: Non Billable
Facility Type: Soils Only
Facility Status: Preliminary Assessment
Date: 5/14/1990
Date Began: 5/14/1990

CPS-SLIC:
Name: CAMACHO CONSTRUCTION INC
Address: 11321 FLINTKOTE AV
City,State,Zip: SAN DIEGO, CA 921211225
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 05/14/1990
Global Id: T0608196918
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H23191-001
Latitude: 32.912505
Longitude: -117.239291
Case Type: Cleanup Program Site
Case Worker: VAP
Local Agency: SAN DIEGO COUNTY LOP
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Soil
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

CAMACHO CONSTRUCTION INC (Continued)

S104750199

HMMD SAN DIEGO:

Name: CAMACHO CONSTRUCTION INC
Address: 11321 FLINTKOTE AV
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 123191
Business Type: Not reported
EPA Id Number: Not reported
APN: 340-020-26-00
Last HMMD Inspection: Not reported
Facility Telephone: 619-295-0110
Permit Status: INAC
Permit Expiration: Not reported
Date Last Updated: 11/02/2012
Facility Owner: CAMACHO CONSTRUCTION INC
Facility Mailing Address: 2341 JEFFERSON AV #B
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92110-3009
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

SAN DIEGO CO LOP:

Name: CAMACHO CONSTRUCTION INC
Address: 11321 FLINTKOTE
City,State,Zip: SAN DIEGO, CA 92121
Record ID: DEH1990-LSAM-H23191-001
Record Status: Completed
Opened Date: 05/14/1990
Parcel Number: 310-120-02-00
Case Type: Not reported
Historical Name: CAMACHO CONSTRUCTION INC.
SWRCB Global ID: T0608196918
Funding: N - Non-Billable
Lead Agency: DEH/SAM
Lead Agency Date: 05/14/1990
Census Tract: 83.39
Community: San Diego
Jurisdiction: SAN DIEGO
Watershed Basin Number: 906.1
Water Purveyor: SAN DIEGO
Fire Agency: SAN DIEGO
Latitude: 32.9065517
Longitude: -117.2323403
X MapCoord: 6260164.372
Y MapCoord: 1911070.167

CERS:

Name: CAMACHO CONSTRUCTION INC
Address: 11321 FLINTKOTE AV
City,State,Zip: SAN DIEGO, CA 921211225
Site ID: 211794

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

CAMACHO CONSTRUCTION INC (Continued)

S104750199

CERS ID: T0608196918
CERS Description: Cleanup Program Site

T281
NNE
1/4-1/2
0.489 mi.
2583 ft.

KYOCERA AMERICA INC
11620 SORRENTO VALLEY RD
SAN DIEGO, CA 92121

CA SAN DIEGO CO. SAM
CA San Diego Co. HMMD
CA CERS

S103988321
N/A

Site 1 of 4 in cluster T

Relative:
Lower
Actual:
29 ft.

SAN DIEGO CO. SAM:

Name: KYOCERA AMERICA INC
Address: 11620 SORRENTO VALLEY RD
City,State,Zip: SAN DIEGO, CA 92121-1011
Case Number: H04671-003
Agency: DEH Site Assessment & Mitigation
Funding: Private - VAP
Facility Type: Complaint
Facility Status: Closed Case
Date: 5/10/2006
Date Began: Not reported

Name: KYOCERA AMERICA INC
Address: 11620 SORRENTO VALLEY RD
City,State,Zip: SAN DIEGO, CA 92121-1011
Case Number: H04671-002
Agency: DEH Site Assessment & Mitigation
Funding: Private - VAP
Facility Type: Soils Only
Facility Status: Closed Case
Date: 10/31/2006
Date Began: Not reported

Name: KYOCERA AMERICA INC
Address: 11620 SORRENTO VALLEY RD
City,State,Zip: SAN DIEGO, CA 921211011
Case Number: H04671-001
Agency: DEH Site Assessment & Mitigation
Funding: Private - VAP
Facility Type: GW With No Beneficial Use Designation
Facility Status: Remedial Investigation
Date: 9/1/1989
Date Began: 9/1/1989

HMMD SAN DIEGO:

Name: KYOCERA AMERICA INC
Address: 11620 SORRENTO VALLEY RD
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 104671
Business Type: Not reported
EPA Id Number: Not reported
APN: 310-080-26-00
Last HMMD Inspection: Not reported
Facility Telephone: Not reported
Permit Status: INAC
Permit Expiration: 02/05/1997
Date Last Updated: 11/02/2012
Facility Owner: KYOCERA INTERNATIONAL INC

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

KYOCERA AMERICA INC (Continued)

S103988321

Facility Mailing Address: 11620 SORRENTO VALLEY RD
 Facility Mailing City: SAN DIEGO
 Facility Mailing State: CA
 Facility Mailing Zip: 92121-1011
 UST Owner: Not reported
 Handle Regulated Hazmat: Not reported
 Own Or Operate UST: Not reported
 Subject To APSA: Not reported
 Generate Haz Waste: Not reported
 Treat Haz Waste: Not reported
 Generate Medical Waste: Not reported

CERS:

Name: KYOCERA AMERICA INC
 Address: 11620 SORRENTO VALLEY RD
 City,State,Zip: SAN DIEGO, CA 92121-101
 Site ID: 199606
 CERS ID: T06019710419
 CERS Description: Cleanup Program Site

Name: KYOCERA AMERICA INC
 Address: 11620 SORRENTO VALLEY RD
 City,State,Zip: SAN DIEGO, CA 92121-101
 Site ID: 199606
 CERS ID: T06019728393
 CERS Description: Cleanup Program Site

Name: KYOCERA AMERICA INC
 Address: 11620 SORRENTO VALLEY RD
 City,State,Zip: SAN DIEGO, CA 92121-1011
 Site ID: 221792
 CERS ID: T0608130389
 CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker
 Entity Name: EWAN MOFFAT - SAN DIEGO COUNTY LOP
 Entity Title: Not reported
 Affiliation Address: P.O. Box 129261
 Affiliation City: San Diego
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

T282
NNE
1/4-1/2
0.489 mi.
2583 ft.

TRS GROUP, INC.
11620 SORRENTO VALLEY RD
SAN DIEGO, CA 92121
Site 2 of 4 in cluster T

RCRA-LQG **1000169015**
CA CPS-SLIC **CAD981426216**
FINDS
ECHO
CA HAZNET
CA HWTS

Relative:
Lower
Actual:
29 ft.

RCRA Listings:
 Date Form Received by Agency: 20140301
 Handler Name: 11620 SORRENTO VALLEY RD
 Handler Address: 11620 SORRENTO VALLEY RD
 Handler City,State,Zip: SAN DIEGO, CA 92121

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

TRS GROUP, INC. (Continued)

1000169015

EPA ID:	CAD981426216
Contact Name:	DANIEL POLLARD
Contact Address:	BALBOA AVE
Contact City,State,Zip:	SAN DIEGO, CA 92123
Contact Telephone:	858-576-2705 x2705
Contact Fax:	858-492-1456
Contact Email:	DAN.POLLARD@KYOCERA.COM
Contact Title:	PROPERTY & RISK MGR
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2013
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	BALBOA AVE
Mailing City,State,Zip:	SAN DIEGO, CA 92123
Owner Name:	RICHARD PECKHAM, WESTSIDE BLDG MATERIAL
Owner Type:	Private
Operator Name:	TRS GROUP, INC
Operator Type:	Private
Short-Term Generator Activity:	Yes
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TRS GROUP, INC. (Continued)

1000169015

TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20141120
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Biennial: List of Years

Year: 2013

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code: D028
Waste Description: 1,2-DICHLOROETHANE

Waste Code: D029
Waste Description: 1,1-DICHLOROETHYLENE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLOROETHYLENE

Waste Code: D043
Waste Description: VINYL CHLORIDE

Waste Code: K007
Waste Description: WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF IRON BLUE PIGMENTS.

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: TRS GROUP, INC
Legal Status: Private
Date Became Current: 20120101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TRS GROUP, INC. (Continued)

1000169015

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: RICHARD PECKHAM, WESTSIDE BLDG MATERIAL
Legal Status: Private
Date Became Current: 20120101
Date Ended Current: Not reported
Owner/Operator Address: 1111 E HOWELL AVE
Owner/Operator City,State,Zip: ANAHEIM, CA 92805
Owner/Operator Telephone: 714-385-1644
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: KYOCERA INTERNATIONAL
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20140301
Handler Name: 11620 SORRENTO VALLEY RD
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960901
Handler Name: KYOCERA INTERNATIONAL
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TRS GROUP, INC. (Continued)

1000169015

Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19860220
Handler Name: KYOCERA INTERNATIONAL
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56291
NAICS Description: REMEDIATION SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

SLIC REG 9:

Name: KYOCERA AMERICA
Address: 11620 SORRENTO VALLEY ROAD
City: SAN DIEGO
Region: 9
Facility Type: Not reported
Status: Dead
Sort Code: 20-0268.05
Waste Discharger Id: 9 000268N97
Local Case Num: 2091100
Responsible Party: KYOCERA INTERNATIONAL
Category: ENFORCEMENT
Class: SLIC
Order Number: Not reported
File Number: 1
Date Entered: 08/1988
End Date: Not reported
Archive Box #: 921
Archive Box Storage: 3-1-14F
Archive Box Storage Location: Not reported
Remarks: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TRS GROUP, INC. (Continued)

1000169015

Name: KYOCERA AMERICA
Address: 11620 SORRENTO VALLEY ROAD
City: SAN DIEGO
Region: 9
Facility Type: Not reported
Status: Dead
Sort Code: 20-0268.051
Waste Discharger Id: 9 000268N97
Local Case Num: 2091100
Responsible Party: KYOCERA INTERNATIONAL
Category: ENF. REPORT
Class: SLIC
Order Number: Not reported
File Number: 1
Date Entered: 08/1988
End Date: 08/1990
Archive Box #: 921
Archive Box Storage: 3-1-14F
Archive Box Storage Location: Not reported
Remarks: Not reported

Name: KYOCERA AMERICA
Address: 11620 SORRENTO VALLEY ROAD
City: SAN DIEGO
Region: 9
Facility Type: Not reported
Status: Dead
Sort Code: 20-0268.051
Waste Discharger Id: 9 000268N97
Local Case Num: 2091100
Responsible Party: KYOCERA INTERNATIONAL
Category: ENF. REPORT
Class: SLIC
Order Number: Not reported
File Number: 2
Date Entered: 09/1990
End Date: 09/1991
Archive Box #: 921
Archive Box Storage: 3-1-14F
Archive Box Storage Location: Not reported
Remarks: Not reported

Name: KYOCERA AMERICA
Address: 11620 SORRENTO VALLEY ROAD
City: SAN DIEGO
Region: 9
Facility Type: Not reported
Status: Dead
Sort Code: 20-0268.051
Waste Discharger Id: 9 000268N97
Local Case Num: 2091100
Responsible Party: KYOCERA INTERNATIONAL
Category: ENF. REPORT
Class: SLIC
Order Number: Not reported
File Number: 3
Date Entered: 09/1991

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TRS GROUP, INC. (Continued)

1000169015

End Date: 09/1991
Archive Box #: 921
Archive Box Storage: 3-1-14F
Archive Box Storage Location: Not reported
Remarks: Not reported

Name: KYOCERA AMERICA
Address: 11620 SORRENTO VALLEY ROAD
City: SAN DIEGO
Region: 9
Facility Type: Not reported
Status: Dead
Sort Code: 20-0268.051
Waste Discharger Id: 9 000268N97
Local Case Num: 2091100
Responsible Party: KYOCERA INTERNATIONAL
Category: ENF. REPORT
Class: SLIC
Order Number: Not reported
File Number: 4
Date Entered: 09/1991
End Date: 09/1991
Archive Box #: 921
Archive Box Storage: 3-1-14F
Archive Box Storage Location: Not reported
Remarks: Not reported

Name: KYOCERA AMERICA
Address: 11620 SORRENTO VALLEY ROAD
City: SAN DIEGO
Region: 9
Facility Type: Not reported
Status: Dead
Sort Code: 20-0268.051
Waste Discharger Id: 9 000268N97
Local Case Num: 2091100
Responsible Party: KYOCERA INTERNATIONAL
Category: ENF. REPORT
Class: SLIC
Order Number: Not reported
File Number: 5
Date Entered: 10/1991
End Date: 11/1992
Archive Box #: 921
Archive Box Storage: 3-1-14F
Archive Box Storage Location: Not reported
Remarks: Not reported

Name: KYOCERA AMERICA
Address: 11620 SORRENTO VALLEY ROAD
City: SAN DIEGO
Region: 9
Facility Type: Not reported
Status: Dead
Sort Code: 20-0268.051
Waste Discharger Id: 9 000268N97
Local Case Num: 2091100

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TRS GROUP, INC. (Continued)

1000169015

Responsible Party: KYOCERA INTERNATIONAL
Category: ENF. REPORT
Class: SLIC
Order Number: Not reported
File Number: 6
Date Entered: 12/1992
End Date: 12/1994
Archive Box #: 921
Archive Box Storage: 3-1-14F
Archive Box Storage Location: Not reported
Remarks: Not reported

Name: KYOCERA AMERICA
Address: 11620 SORRENTO VALLEY ROAD
City: SAN DIEGO
Region: 9
Facility Type: Not reported
Status: Dead
Sort Code: 20-0268.051
Waste Discharger Id: 9 000268N97
Local Case Num: 2091100
Responsible Party: KYOCERA INTERNATIONAL
Category: ENF. REPORT
Class: SLIC
Order Number: Not reported
File Number: 7
Date Entered: 01/1995
End Date: 07/1997
Archive Box #: 922
Archive Box Storage: 3-1-14R
Archive Box Storage Location: Not reported
Remarks: Not reported

Name: KYOCERA AMERICA
Address: 11620 SORRENTO VALLEY ROAD
City: SAN DIEGO
Region: 9
Facility Type: Not reported
Status: Dead
Sort Code: 20-0268.051
Waste Discharger Id: 9 000268N97
Local Case Num: 2091100
Responsible Party: KYOCERA INTERNATIONAL
Category: ENF. REPORT
Class: SLIC
Order Number: Not reported
File Number: 8
Date Entered: 08/1997
End Date: 04/2000
Archive Box #: 922
Archive Box Storage: 3-1-14R
Archive Box Storage Location: Not reported
Remarks: Not reported

Name: KYOCERA AMERICA
Address: 11620 SORRENTO VALLEY ROAD
City: SAN DIEGO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TRS GROUP, INC. (Continued)

1000169015

Region: 9
Facility Type: Not reported
Status: Dead
Sort Code: 20-0268.051
Waste Discharger Id: 9 000268N97
Local Case Num: 2091100
Responsible Party: KYOCERA INTERNATIONAL
Category: ENF. REPORT
Class: SLIC
Order Number: Not reported
File Number: 9
Date Entered: 05/2000
End Date: 01/2001
Archive Box #: 922
Archive Box Storage: 3-1-14R
Archive Box Storage Location: Not reported
Remarks: Not reported

Name: KYOCERA AMERICA
Address: 11620 SORRENTO VALLEY ROAD
City: SAN DIEGO
Region: 9
Facility Type: Not reported
Status: Dead
Sort Code: 20-0268.051
Waste Discharger Id: 9 000268N97
Local Case Num: 2091100
Responsible Party: KYOCERA INTERNATIONAL
Category: ENF. REPORT
Class: SLIC
Order Number: Not reported
File Number: 10
Date Entered: 02/2001
End Date: 01/2002
Archive Box #: 922
Archive Box Storage: 3-1-14R
Archive Box Storage Location: Not reported
Remarks: Not reported

Name: KYOCERA AMERICA
Address: 11620 SORRENTO VALLEY ROAD
City: SAN DIEGO
Region: 9
Facility Type: Not reported
Status: Dead
Sort Code: 20-0268.051
Waste Discharger Id: 9 000268N97
Local Case Num: 2091100
Responsible Party: KYOCERA INTERNATIONAL
Category: ENF. REPORT
Class: SLIC
Order Number: Not reported
File Number: 11
Date Entered: 02/2002
End Date: 01/2003
Archive Box #: 922
Archive Box Storage: 3-1-14R

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

TRS GROUP, INC. (Continued)

1000169015

Archive Box Storage Location: Not reported
Remarks: Not reported

CPS-SLIC:

Name: KYOCERA AMERICA INC
Address: 11620 SORRENTO VALLEY RD
City,State,Zip: SAN DIEGO, CA 92121-101
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 10/31/2006
Global Id: T06019710419
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H04671-002
Latitude: 32.912745
Longitude: -117.233384
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Soil
Potential Contaminants of Concern: * Chlorinated Hydrocarbons
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Name: KYOCERA AMERICA INC
Address: 11620 SORRENTO VALLEY RD
City,State,Zip: SAN DIEGO, CA 92121-1011
Region: STATE
Facility Status: Open - Remediation
Status Date: 09/01/1989
Global Id: T0608130389
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H04671-001
Latitude: 32.9125243861453
Longitude: -117.233598596573
Case Type: Cleanup Program Site
Case Worker: EM
Local Agency: SAN DIEGO COUNTY LOP
RB Case Number: 2091100
File Location: DTSC
Potential Media Affected: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: * Chlorinated Hydrocarbons
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Name: KYOCERA AMERICA INC
Address: 11620 SORRENTO VALLEY RD
City,State,Zip: SAN DIEGO, CA 92121-101
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 05/10/2006
Global Id: T06019728393
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H04671-003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TRS GROUP, INC. (Continued)

1000169015

Latitude: 32.912745
Longitude: -117.233384
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

FINDS:

Registry ID: 110055748507

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:
STATE MASTER

Registry ID: 110013825496

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000169015
Registry ID: 110013825496
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110013825496>
Name: 11620 SORRENTO VALLEY RD
Address: 11620 SORRENTO VALLEY ROAD
City,State,Zip: SAN DIEGO, CA 92121

HAZNET:

Name: KYOCERA INTERNATIONAL
Address: 11620 SORRENTO VALLEY RD
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 921211011
Contact: DAN POLLARD ENV MGR
Telephone: 8585762705
Mailing Name: Not reported
Mailing Address: 8611 BALBOA AVE

Year: 2021
Gepaid: CAD981426216
TSD EPA ID: CAT080013352
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TRS GROUP, INC. (Continued)

1000169015

percent
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Tons: 0.1251
Year: 2020
Gepaid: CAD981426216
TSD EPA ID: CAT080013352
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10
percent
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Tons: 0.168
Year: 2019
Gepaid: CAD981426216
TSD EPA ID: CAT080013352
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10
percent
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Tons: 0.16800
Year: 2018
Gepaid: CAD981426216
TSD EPA ID: CAT080013352
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10
percent
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Tons: 0.86100
Year: 2017
Gepaid: CAD981426216
TSD EPA ID: CAT080013352
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10
percent
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Tons: 0.819
Year: 2016
Gepaid: CAD981426216
TSD EPA ID: CAT080013352
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10
percent
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Tons: 1.134
Year: 2015
Gepaid: CAD981426216
TSD EPA ID: CAT080013352
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10
percent
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

TRS GROUP, INC. (Continued)

1000169015

Tons: 0.294

Year: 2014
Gepaid: CAD981426216
TSD EPA ID: NVT330010000
CA Waste Code: 791 - Liquids with pH <= 2
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect

Tons: 0.225

Year: 2014
Gepaid: CAD981426216
TSD EPA ID: CAD044429835
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride,
perchloroethylene, etc)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)

Tons: 3.336

Year: 2014
Gepaid: CAD981426216
TSD EPA ID: NVT330010000
CA Waste Code: 122 - Alkaline solution without metals pH >= 12.5
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect

Tons: 0.2375

[Click this hyperlink](#) while viewing on your computer to access
28 additional CA HAZNET: record(s) in the EDR Site Report.

Detail Two:

Year: 2019
EM Manifest ID: 441969
Shipment Date: 6/18/2019
Receipt Date: 6/20/2019
Manifest Number: 013710771FLE
Generator EPA ID: CAD981426216
Name: KYOCERA INTERNATIONAL INC.
Address: 11620 SORRENTO VALLEY RD.
Address 2: Not reported
City: SAN DIEGO
Zip: 92121
Telephone: 201-563-8661
Contact: Not reported
Contact Telephone: 858-576-2705
Transporter 1 EPA ID: CAR000183913
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAT080016116
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: CAT080013352
TSDF Name: WORLD OIL RECYCLING
TSDF Address 1: 2000 N. ALAMEDA STREET
TSDF Address 2: Not reported
TSDF City: COMPTON
TSDF Zip: 90222-0000
TSDF Telephone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TRS GROUP, INC. (Continued)

1000169015

Federal:

Year: 2019
EM Manifest ID: 441969
Generator EPA ID: CAD981426216
Shipment Date: 2019-06-18
Manifest Number: 013710771FLE
Line Number: 1
Method Code: H039
Quantity Tons: 0.16800
Quantity Waste: 40.000000
Quantity Unit: G
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Gallons
Federal Code: D043

State:

Year: 2019
EM Manifest ID: 441969
Generator EPA ID: CAD981426216
Shipment Date: 2019-06-18
Manifest Number: 013710771FLE
Line Number: 1
Method Code: H039
Quantity Tons: 0.16800
Quantity Waste: 40.000000
Quantity Unit: G
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Gallons
State Code: 134

Detail Two:

Year: 2018
EM Manifest ID: 009696858FLE20170605_D_1
Shipment Date: 6/5/2017
Receipt Date: 6/8/2017
Manifest Number: 009696858FLE
Generator EPA ID: CAD981426216
Name: KYOCERA INTERNATIONAL INC
Address: Not reported
Address 2: Not reported
City: Not reported
Zip: Not reported
Telephone: Not reported
Contact: Not reported
Contact Telephone: Not reported
Transporter 1 EPA ID: CAR000183913
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAT080016116
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: CAT080013352
TSDF Name: DEMENNO KERDOON
TSDF Address 1: Not reported
TSDF Address 2: Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TRS GROUP, INC. (Continued)

1000169015

TSDF City: Not reported
TSDF Zip: Not reported
TSDF Telephone: Not reported

Federal:

Year: 2018
EM Manifest ID: 009696858FLE20170605_D_1
Generator EPA ID: CAD981426216
Shipment Date: 2017-06-05
Manifest Number: 009696858FLE
Line Number: 1
Method Code: H039
Quantity Tons: 0.31500
Quantity Waste: 75.000000
Quantity Unit: G
Number of Containers: 2
Type of Container: NULL
Quantity Type: NULL
Federal Code: D028

Year: 2018
EM Manifest ID: 009696858FLE20170605_D_1
Generator EPA ID: CAD981426216
Shipment Date: 2017-06-05
Manifest Number: 009696858FLE
Line Number: 1
Method Code: H039
Quantity Tons: 0.31500
Quantity Waste: 75.000000
Quantity Unit: G
Number of Containers: 2
Type of Container: NULL
Quantity Type: NULL
Federal Code: D029

Year: 2018
EM Manifest ID: 009696858FLE20170605_D_1
Generator EPA ID: CAD981426216
Shipment Date: 2017-06-05
Manifest Number: 009696858FLE
Line Number: 1
Method Code: H039
Quantity Tons: 0.31500
Quantity Waste: 75.000000
Quantity Unit: G
Number of Containers: 2
Type of Container: NULL
Quantity Type: NULL
Federal Code: D040

Year: 2018
EM Manifest ID: 009696858FLE20170605_D_1
Generator EPA ID: CAD981426216
Shipment Date: 2017-06-05
Manifest Number: 009696858FLE
Line Number: 1
Method Code: H039
Quantity Tons: 0.31500

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TRS GROUP, INC. (Continued)

1000169015

Quantity Waste: 75.000000
Quantity Unit: G
Number of Containers: 2
Type of Container: NULL
Quantity Type: NULL
Federal Code: D043

State:

Year: 2018
EM Manifest ID: 009696858FLE20170605_D_1
Generator EPA ID: CAD981426216
Shipment Date: 2017-06-05
Manifest Number: 009696858FLE
Line Number: 1
Method Code: H039
Quantity Tons: 0.31500
Quantity Waste: 75.000000
Quantity Unit: G
Number of Containers: 2
Type of Container: NULL
Quantity Type: NULL
State Code: 134

Year: 2018
EM Manifest ID: 009683967FLE20170309_D_1
Shipment Date: 3/17/2017
Receipt Date: 3/23/2017
Manifest Number: 009683967FLE
Generator EPA ID: CAD981426216
Name: KYOCERA INTERNATIONAL INC
Address: Not reported
Address 2: Not reported
City: Not reported
Zip: Not reported
Telephone: Not reported
Contact: Not reported
Contact Telephone: Not reported
Transporter 1 EPA ID: CAR000183913
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAT080016116
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: CAT080013352
TSDF Name: DEMENNO KERDOON
TSDF Address 1: Not reported
TSDF Address 2: Not reported
TSDF City: Not reported
TSDF Zip: Not reported
TSDF Telephone: Not reported

Federal:

Year: 2018
EM Manifest ID: 009683967FLE20170309_D_1
Generator EPA ID: CAD981426216
Shipment Date: 2017-03-17
Manifest Number: 009683967FLE
Line Number: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TRS GROUP, INC. (Continued)

1000169015

Method Code: H039
Quantity Tons: 0.29400
Quantity Waste: 70.000000
Quantity Unit: G
Number of Containers: 2
Type of Container: NULL
Quantity Type: NULL
Federal Code: D028

Year: 2018
EM Manifest ID: 009683967FLE20170309_D_1
Generator EPA ID: CAD981426216
Shipment Date: 2017-03-17
Manifest Number: 009683967FLE
Line Number: 1
Method Code: H039
Quantity Tons: 0.29400
Quantity Waste: 70.000000
Quantity Unit: G
Number of Containers: 2
Type of Container: NULL
Quantity Type: NULL
Federal Code: D029

Year: 2018
EM Manifest ID: 009683967FLE20170309_D_1
Generator EPA ID: CAD981426216
Shipment Date: 2017-03-17
Manifest Number: 009683967FLE
Line Number: 1
Method Code: H039
Quantity Tons: 0.29400
Quantity Waste: 70.000000
Quantity Unit: G
Number of Containers: 2
Type of Container: NULL
Quantity Type: NULL
Federal Code: D040

Year: 2018
EM Manifest ID: 009683967FLE20170309_D_1
Generator EPA ID: CAD981426216
Shipment Date: 2017-03-17
Manifest Number: 009683967FLE
Line Number: 1
Method Code: H039
Quantity Tons: 0.29400
Quantity Waste: 70.000000
Quantity Unit: G
Number of Containers: 2
Type of Container: NULL
Quantity Type: NULL
Federal Code: D043

State:
Year: 2018
EM Manifest ID: 009683967FLE20170309_D_1

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TRS GROUP, INC. (Continued)

1000169015

Generator EPA ID: CAD981426216
Shipment Date: 2017-03-17
Manifest Number: 009683967FLE
Line Number: 1
Method Code: H039
Quantity Tons: 0.29400
Quantity Waste: 70.000000
Quantity Unit: G
Number of Containers: 2
Type of Container: NULL
Quantity Type: NULL
State Code: 134

Year: 2018
EM Manifest ID: 010664942FLE20171215_D_1
Shipment Date: 12/15/2017
Receipt Date: 12/21/2017
Manifest Number: 010664942FLE
Generator EPA ID: CAD981426216
Name: KYOCERA INTERNATIONAL INC
Address: Not reported
Address 2: Not reported
City: Not reported
Zip: Not reported
Telephone: Not reported
Contact: Not reported
Contact Telephone: Not reported
Transporter 1 EPA ID: CAR000183913
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAT080016116
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: CAT080013352
TSDF Name: DEMENNO KERDOON
TSDF Address 1: Not reported
TSDF Address 2: Not reported
TSDF City: Not reported
TSDF Zip: Not reported
TSDF Telephone: Not reported

Federal:
Year: 2018
EM Manifest ID: 010664942FLE20171215_D_1
Generator EPA ID: CAD981426216
Shipment Date: 2017-12-15
Manifest Number: 010664942FLE
Line Number: 1
Method Code: H039
Quantity Tons: 0.21000
Quantity Waste: 50.000000
Quantity Unit: G
Number of Containers: 2
Type of Container: NULL
Quantity Type: NULL
Federal Code: D043

State:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TRS GROUP, INC. (Continued)

1000169015

Year: 2018
EM Manifest ID: 010664942FLE20171215_D_1
Generator EPA ID: CAD981426216
Shipment Date: 2017-12-15
Manifest Number: 010664942FLE
Line Number: 1
Method Code: H039
Quantity Tons: 0.21000
Quantity Waste: 50.000000
Quantity Unit: G
Number of Containers: 2
Type of Container: NULL
Quantity Type: NULL
State Code: 134

Additional Info:

Year: 2017
Gen EPA ID: CAD981426216

Shipment Date: 20171215
Creation Date: 8/3/2018 18:30:33
Receipt Date: 20171221
Manifest ID: 010664942FLE
Trans EPA ID: CAR000183913
Trans Name: BELSHIRE
Trans 2 EPA ID: CAT080016116
Trans 2 Name: NIETO AND SONS TRUCKING INC
TSDf EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D043
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect

Quantity Tons: 0.21
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170605
Creation Date: 5/17/2018 18:31:33
Receipt Date: 20170608
Manifest ID: 009696858FLE
Trans EPA ID: CAR000183913
Trans Name: BELSHIRE
Trans 2 EPA ID: CAT080016116
Trans 2 Name: NIETO AND SONS TRUCKING INC
TSDf EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TRS GROUP, INC. (Continued)

1000169015

Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D043
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Quantity Tons: 0.315
Waste Quantity: 75
Quantity Unit: G
Additional Code 1: D040
Additional Code 2: D029
Additional Code 3: D028
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170317
Creation Date: 5/4/2018 18:30:27
Receipt Date: 20170323
Manifest ID: 009683967FLE
Trans EPA ID: CAR000183913
Trans Name: BELSHIRE
Trans 2 EPA ID: CAT080016116
Trans 2 Name: NIETO AND SONS TRUCKING INC
TSDf EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D043
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Quantity Tons: 0.294
Waste Quantity: 70
Quantity Unit: G
Additional Code 1: D040
Additional Code 2: D029
Additional Code 3: D028
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2016
Gen EPA ID: CAD981426216

Shipment Date: 20150630
Creation Date: 9/23/2015 22:15:22
Receipt Date: 20150702
Manifest ID: 008698573FLE
Trans EPA ID: CAR000183913
Trans Name: BELSHIRE
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D043
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid

Map ID
Direction
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TRS GROUP, INC. (Continued)

1000169015

Regeneration, Organics Recovery Ect
Quantity Tons: 0.294
Waste Quantity: 70
Quantity Unit: G
Additional Code 1: D040
Additional Code 2: D029
Additional Code 3: D028
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2015
Gen EPA ID: CAD981426216

Shipment Date: 20150630
Creation Date: 9/23/2015 22:15:22
Receipt Date: 20150702
Manifest ID: 008698573FLE
Trans EPA ID: CAR000183913
Trans Name: BELSHIRE
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D043
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect

Quantity Tons: 0.294
Waste Quantity: 70
Quantity Unit: G
Additional Code 1: D040
Additional Code 2: D029
Additional Code 3: D028
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2014
Gen EPA ID: CAD981426216

Shipment Date: 20141117
Creation Date: 1/26/2015 22:15:24
Receipt Date: 20141119
Manifest ID: 007640206FLE
Trans EPA ID: CAR000183913
Trans Name: BELSHIRE
Trans 2 EPA ID: CAT080016116
Trans 2 Name: NIETO AND SONS TRUCKING INC
TSDf EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TRS GROUP, INC. (Continued)

1000169015

RCRA Code: D043
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Quantity Tons: 0.042
Waste Quantity: 10
Quantity Unit: G
Additional Code 1: D040
Additional Code 2: D029
Additional Code 3: D028
Additional Code 4: Not reported
Additional Code 5: Not reported
Shipment Date: 20140414
Creation Date: 9/6/2014 22:15:06
Receipt Date: 20140423
Manifest ID: 011173224JJK
Trans EPA ID: CAD981412356
Trans Name: PACIFIC TRANS ENV SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 122 - Alkaline solution without metals (pH > 12.5)
RCRA Code: D002
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Quantity Tons: 0.2375
Waste Quantity: 475
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported
Shipment Date: 20140414
Creation Date: 9/6/2014 22:15:06
Receipt Date: 20140423
Manifest ID: 011173224JJK
Trans EPA ID: CAD981412356
Trans Name: PACIFIC TRANS ENV SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D002
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Quantity Tons: 0.225
Waste Quantity: 450
Quantity Unit: P
Additional Code 1: Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TRS GROUP, INC. (Continued)

1000169015

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140414
Creation Date:	9/6/2014 22:15:06
Receipt Date:	20140423
Manifest ID:	011173224JJK
Trans EPA ID:	CAD981412356
Trans Name:	PACIFIC TRANS ENV SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140402
Creation Date:	8/12/2014 22:15:03
Receipt Date:	20140404
Manifest ID:	011922071JJK
Trans EPA ID:	CAD981412356
Trans Name:	PACIFIC TRANS ENV SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	351 - Organic solids with halogens
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	1.95
Waste Quantity:	3900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140222
Creation Date:	4/5/2014 22:15:21

Map ID
Direction
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TRS GROUP, INC. (Continued)

1000169015

Receipt Date: 20140224
Manifest ID: 006597461FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
RCRA Code: D043
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons: 3.336
Waste Quantity: 800
Quantity Unit: G
Additional Code 1: D040
Additional Code 2: D029
Additional Code 3: D028
Additional Code 4: Not reported
Additional Code 5: Not reported
Shipment Date: 20140207
Creation Date: 7/18/2014 22:15:07
Receipt Date: 20140212
Manifest ID: 011127245JJK
Trans EPA ID: CAD981412356
Trans Name: PACIFIC TRANS ENV SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 351 - Organic solids with halogens
RCRA Code: D040
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 0.5
Waste Quantity: 1000
Quantity Unit: P
Additional Code 1: D039
Additional Code 2: D029
Additional Code 3: D028
Additional Code 4: Not reported
Additional Code 5: Not reported
Shipment Date: 20140207
Creation Date: 7/18/2014 22:15:07
Receipt Date: 20140212
Manifest ID: 011127245JJK
Trans EPA ID: CAD981412356
Trans Name: PACIFIC TRANS ENV SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TRS GROUP, INC. (Continued)

1000169015

TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 351 - Organic solids with halogens
RCRA Code: Not reported
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2013
Gen EPA ID: CAD981426216

Shipment Date: 20131022
Creation Date: 12/10/2013 22:15:06
Receipt Date: 20131023
Manifest ID: 007098143FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
RCRA Code: D040
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 5.6295
Waste Quantity: 1350
Quantity Unit: G
Additional Code 1: D039
Additional Code 2: D029
Additional Code 3: D028
Additional Code 4: D001
Additional Code 5: Not reported

Shipment Date: 20131008
Creation Date: 12/10/2013 22:15:06
Receipt Date: 20131008
Manifest ID: 006597462FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TRS GROUP, INC. (Continued)

1000169015

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
RCRA Code: D043
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 4.0866
Waste Quantity: 980
Quantity Unit: G
Additional Code 1: D040
Additional Code 2: D029
Additional Code 3: D028
Additional Code 4: Not reported
Additional Code 5: Not reported
Shipment Date: 20130927
Creation Date: 11/7/2013 22:15:06
Receipt Date: 20130930
Manifest ID: 004478563FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
RCRA Code: D043
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 4.17
Waste Quantity: 1000
Quantity Unit: G
Additional Code 1: D040
Additional Code 2: D029
Additional Code 3: D028
Additional Code 4: Not reported
Additional Code 5: Not reported
Shipment Date: 20130920
Creation Date: 11/7/2013 22:15:06
Receipt Date: 20130920
Manifest ID: 006597463FLE
Trans EPA ID: CAD072953771
Trans Name: UNITED PUMPING SERVICE INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
RCRA Code: D043

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TRS GROUP, INC. (Continued)

1000169015

Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Quantity Tons: 5.838
Waste Quantity: 1400
Quantity Unit: G
Additional Code 1: D040
Additional Code 2: D029
Additional Code 3: D028
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130917
Creation Date: 11/16/2013 22:15:06
Receipt Date: 20130917
Manifest ID: 007097708FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000043331
Trans 2 Name: ASHBURN TRANSPORTATION SERVICES
TSDf EPA ID: CAD980675276
Trans Name: CLEAN HARBORS BUTTONWILLOW LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 491 - Unspecified sludge waste
RCRA Code: Not reported
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: Not reported
Waste Quantity: 3800
Quantity Unit: Not reported
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130916
Creation Date: 11/4/2013 22:15:04
Receipt Date: 20130916
Manifest ID: 007097709FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD980675276
Trans Name: CLEAN HARBORS BUTTONWILLOW LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 491 - Unspecified sludge waste
RCRA Code: Not reported
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: 18.765
Waste Quantity: 4500
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TRS GROUP, INC. (Continued)

1000169015

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130916
Creation Date:	11/4/2013 22:15:04
Receipt Date:	20130916
Manifest ID:	007097710FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	491 - Unspecified sludge waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	18.765
Waste Quantity:	4500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130909
Creation Date:	11/7/2013 22:15:06
Receipt Date:	20130909
Manifest ID:	006597464FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	D043
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	5.2542
Waste Quantity:	1260
Quantity Unit:	G
Additional Code 1:	D040
Additional Code 2:	D029
Additional Code 3:	D028
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130825
Creation Date:	10/23/2013 22:15:07

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRS GROUP, INC. (Continued)

1000169015

Receipt Date: 20130826
Manifest ID: 006597465FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.

RCRA Code: D043
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 4.587
Waste Quantity: 1100
Quantity Unit: G
Additional Code 1: D040
Additional Code 2: D029
Additional Code 3: D028
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130819
Creation Date: 10/23/2013 22:15:07
Receipt Date: 20130819
Manifest ID: 006597466FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.

RCRA Code: D043
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 5.2542
Waste Quantity: 1260
Quantity Unit: G
Additional Code 1: D040
Additional Code 2: D029
Additional Code 3: D028
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2012
Gen EPA ID: CAD981426216

Shipment Date: 20120509
Creation Date: 8/1/2012 22:15:09
Receipt Date: 20120511

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TRS GROUP, INC. (Continued)

1000169015

Manifest ID: 004659547FLE
Trans EPA ID: CAR000183913
Trans Name: BELSHIRE
Trans 2 EPA ID: CAT080016116
Trans 2 Name: NIETO AND SONS TRUCKING
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D043
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect

Quantity Tons: 0.231
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: D040
Additional Code 2: D029
Additional Code 3: D028
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: KYOCERA INTERNATIONAL
Address: 11620 SORRENTO VALLEY RD
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAD981426216
Inactive Date: Not reported
Create Date: 04/10/1987
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 8611 BALBOA AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 921230000
Owner Name: KYOCERA INTERNATIONAL
Owner Address: 8611 BALBOA AVE
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 921230000
Contact Name: DAN POLLARD, ENV MGR
Contact Address: 8611 BALBOA AVE
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92123
Facility Status: Active
Facility Type: PERMANENT
Category: FEDERAL
Latitude: 32.912891
Longitude: -117.232475

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

T283 **SMURFIT PRESS**
NNE **11620 SORRENTO VALLEY RD**
1/4-1/2 **SAN DIEGO, CA 92121**
0.489 mi.
2583 ft. **Site 3 of 4 in cluster T**

CA ENVIROSTOR **S106063036**
CA San Diego Co. HMMD **N/A**
CA EMI
CA HAZNET
CA HWTS

Relative: ENVIROSTOR:
Lower Name: KYOCERA AMERICA, INC.
Actual: Address: 11620 SORRENTO VALLEY ROAD
29 ft. City,State,Zip: SAN DIEGO, CA 92121
Facility ID: 71002420
Status: Refer: Local Agency
Status Date: 06/11/2015
Site Code: 401655
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 3.7
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Stephen Niou
Supervisor: Robert Senga
Division Branch: Cleanup Cypress
Assembly: 78
Senate: 39
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 32.91265
Longitude: -117.2335
APN: 3563008600
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 3563008600
Alias Type: APN
Alias Name: CAD047896097
Alias Type: EPA Identification Number
Alias Name: 110010061333
Alias Type: EPA (FRS #)
Alias Name: 401655
Alias Type: Project Code (Site Code)
Alias Name: 71002420
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 12/20/2013
Comments: Agreement fully executed

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SMURFIT PRESS (Continued)

S106063036

Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HMMD SAN DIEGO:

Name: SMURFIT PRESS
Address: 11620 SORRENTO VALLEY RD
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 129723
Business Type: 6HK37
EPA Id Number: CAL000045232
APN: 310-080-26-00
Last HMMD Inspection: 11/17/1997
Facility Telephone: 619-438-3456
Permit Status: INAC
Permit Expiration: 11/17/1997
Date Last Updated: 11/02/2012
Facility Owner: SMURFIT PACKAGING CORP.
Facility Mailing Address: 11620 SORRENTO VALLEY RD #B
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121-1011
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

EMI:

Name: SMURFIT PRESS
Address: 11620 SORRENTO VALLEY RD
City,State,Zip: SAN DIEGO, CA 92121
Year: 1997
County Code: 37
Air Basin: SD
Facility ID: 3156
Air District Name: SD
SIC Code: 2759
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: SMURFIT PRESS
Address: 11620 SORRENTO VALLEY RD
City,State,Zip: SAN DIEGO, CA 92121
Year: 1998
County Code: 37

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SMURFIT PRESS (Continued)

S106063036

Air Basin: SD
Facility ID: 3156
Air District Name: SD
SIC Code: 2759
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: SMURFIT PRESS
Address: 11620 SORRENTO VALLEY RD
City,State,Zip: SAN DIEGO, CA 92121
Year: 1999
County Code: 37
Air Basin: SD
Facility ID: 3156
Air District Name: SD
SIC Code: 2759
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: SMURFIT PRESS
Address: 11620 SORRENTO VALLEY RD
City,State,Zip: SAN DIEGO, CA 92121
Year: 2000
County Code: 37
Air Basin: SD
Facility ID: 3156
Air District Name: SD
SIC Code: 2759
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

HAZNET:

Name: CA188 SAN DIEGO ARC SORRENTO VALLEY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SMURFIT PRESS (Continued)

S106063036

Address: 11620 SORRENTO VALLEY RD
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 94043
Contact: BRENDON COYE
Telephone: 6505269495
Mailing Name: Not reported
Mailing Address: 230 R.T. JONES RD

Year: 2018
Gepaid: CAL000337562
TSD EPA ID: AZR000520304
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.09100

Year: 2018
Gepaid: CAL000337562
TSD EPA ID: AZR000520304
CA Waste Code: 513 - Empty containers less than 30 gallons
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.03150

Year: 2015
Gepaid: CAL000337562
TSD EPA ID: CAT080013352
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.049

Additional Info:
Year: 2015
Gen EPA ID: CAL000337562

Shipment Date: 20150417
Creation Date: 8/21/2015 22:15:38
Receipt Date: 20150422
Manifest ID: 013384214JJK
Trans EPA ID: CAD983609678
Trans Name: BLACK GOLD INDUSTRIES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSD EPA ID: CAT080013352
Trans Name: DEMENNO/KERDOON
TSD EPA Alt EPA ID: Not reported
TSD EPA Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.049
Waste Quantity: 98
Quantity Unit: P
Additional Code 1: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SMURFIT PRESS (Continued)

S106063036

Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: CA188 SAN DIEGO ARC SORRENTO VALLEY
Address: 11620 SORRENTO VALLEY RD
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAL000337562
Inactive Date: Not reported
Create Date: 10/28/2008
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 230 R.T. JONES RD
Mailing Address 2: Not reported
Mailing City,State,Zip: MOUNTAIN VIEW, CA 94043
Owner Name: US ARMY RESERVE 63RD RSC
Owner Address: 230 R.T. JONES RD
Owner Address 2: Not reported
Owner City,State,Zip: MOUNTAIN VIEW, CA 940430000
Contact Name: BRENDON COYE
Contact Address: 230 RT JONES ROAD
Contact Address 2: Not reported
City,State,Zip: MOUNTAIN VIEW, CA 940430000
Facility Status: Active
Facility Type: PERMANENT
Category: STATE
Latitude: 32.91274
Longitude: -117.23338

NAICS:

EPA ID: CAL000337562
Create Date: 2008-10-28 13:34:33.583
NAICS Code: 92811
NAICS Description: National Security
Issued EPA ID Date: 2008-10-28 13:34:33.52000
Inactive Date: Not reported
Facility Name: CA188 SAN DIEGO ARC SORRENTO VALLEY
Facility Address: 11620 SORRENTO VALLEY RD
Facility Address 2: Not reported
Facility City: SAN DIEGO
Facility County: Not reported
Facility State: CA
Facility Zip: 921211011

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

284
SSW
1/4-1/2
0.493 mi.
2604 ft.

GENERAL ATOMICS
10955 JOHN J. HOPKINS
SAN DIEGO, CA 92121

CA LUST S104406428
CA HIST CORTESE N/A

Relative:
Higher

LUST REG 9:

Actual:
401 ft.

Region: 9
Status: Case Closed
Case Number: 9UT1766
Local Case: H14873-001
Substance: Gasoline
Qty Leaked: Not reported
Abate Method: ETCD
Local Agency: San Diego
How Found: Other Means
How Stopped: Not reported
Source: Unknown
Cause: Unknown
Lead Agency: Local Agency
Case Type: Aquifer affected
Date Found: 06/29/1990
Date Stopped: 06/29/1990
Confirm Date: 06/29/1990
Submit Workplan: 8/9/90
Prelim Assess: / /
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Release Date: 06/29/1990
Enforce Date: Not reported
Closed Date: 7/10/92
Enforce Type: Not reported
Pilot Program: LOP
Basin Number: 906.10
GW Depth: 12'
Beneficial Use: Municipal groundwater use
NPDES Number: Not reported
Priority: Medium priority
File Dispn: File discarded, case closed
Interim Remedial Actions: No
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

HIST CORTESE:

edr_fname: GENERAL ATOMICS
edr_fadd1: 10955 JOHN J. HOPKINS
City,State,Zip: SAN DIEGO, CA 92121
Region: CORTESE
Facility County Code: 37
Reg By: LTNKA
Reg Id: 9UT1766

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

T285 **SPIN PHYSICS INC.**
NNE **11633 SORRENTO VALLEY RD**
1/2-1 **SAN DIEGO, CA 92121**
0.513 mi.
2710 ft. **Site 4 of 4 in cluster T**

CA ENVIROSTOR **S101482004**
CA San Diego Co. HMMD **N/A**
CA HWP
CA CERS

Relative: ENVIROSTOR:
Lower Name: SPIN PHYSICS INC.
Actual: Address: 11633 SORRENTO VALLEY RD
35 ft. City,State,Zip: SAN DIEGO, CA 92121
 Facility ID: 37800051
 Status: Refer: RCRA
 Status Date: 02/09/1995
 Site Code: 400265
 Site Type: Historical
 Site Type Detailed: * Historical
 Acres: Not reported
 NPL: NO
 Regulatory Agencies: NONE SPECIFIED
 Lead Agency: NONE SPECIFIED
 Program Manager: Katherine Gould
 Supervisor: * Mmonroy
 Division Branch: Cleanup Cypress
 Assembly: 78
 Senate: 39
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Not reported
 Latitude: 32.91351
 Longitude: -117.2316
 APN: NONE SPECIFIED
 Past Use: NONE SPECIFIED
 Potential COC: NONE SPECIFIED
 Confirmed COC: NONE SPECIFIED
 Potential Description: NONE SPECIFIED
 Alias Name: EASTMAN KODAK CO
 Alias Type: Alternate Name
 Alias Name: SD ANALYTICAL LABS
 Alias Type: Alternate Name
 Alias Name: CAD990738981
 Alias Type: EPA Identification Number
 Alias Name: 400265
 Alias Type: Project Code (Site Code)
 Alias Name: 37800051
 Alias Type: Envirostor ID Number

Completed Info:
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: * Discovery
 Completed Date: 12/17/1982
 Comments: FACILITY IDENTIFIED VIA 1972 SAN DIEGO YELLOW PAGES

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Site Screening
 Completed Date: 02/09/1995
 Comments: NFA FOR SITE MITIGATION OPERATIONS, THIS IS A RCRA FACILITY.

Map ID
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Distance
Elevation

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Site

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EPA ID Number

SPIN PHYSICS INC. (Continued)

S101482004

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HMMD SAN DIEGO:

Name: TORREY PINES COLLISION CENTER
Address: 11633 SORRENTO VALLEY RD
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 216029
Business Type: 6HK27
EPA Id Number: CAL000369240
APN: 310-080-41-00
Last HMMD Inspection: 02/01/2012
Facility Telephone: 858-350-0397
Permit Status: OPEN
Permit Expiration: 05/31/2013
Date Last Updated: 11/02/2012
Facility Owner: TORREY PINES COLLISION CENTER
Facility Mailing Address: 2515 WHITE OWL DR.
Facility Mailing City: ENCINITAS
Facility Mailing State: CA
Facility Mailing Zip: 92024
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 216029
Update Date: 11/02/2012
Case Number: Not reported
Name: ARGON / CARBON DIOXIDE MIX
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 216029
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: PAINT BOOTH FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 216029
Update Date: 11/02/2012

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MAP FINDINGS

Site

Database(s)
EDR ID Number
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SPIN PHYSICS INC. (Continued)

S101482004

Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: PAINT RELATED MATERIAL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 216029
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information: 1720 B WATERBORNE CLEANING SOLUTION
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 216029
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: SANDING DUST
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

HWP:

EPA ID: CAD990738981
Name: SPIN PHYSICS INC
Address: 11633 SORRENTO VALLEY RD
Cleanup Status: CLOSED
Latitude: 32.91339
Longitude: -117.2318
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Supervisor: Not reported
Site Code: 400355
Senate District: 39
Assembly District: 78
Public Information Officer: Not reported
Commercial Offsite Facility Types: Not reported
Quarterly Update: This facility received an interim status document on 7/30/82 for a container storage unit. The facility decided to close prior to obtaining a RCRA permit. DTSC accepted closure verification for the facility on 5/31/91. DTSC has not required corrective action work at the facility at this time.

Project Manager Lead: Not reported
Project Manager: Not reported
Permit Type: RCRA
Permit Effective Date: Not reported
Permit Expiration Date: Not reported
Calenviroscreen Score: 21-25%
Total Planned Hours: Not reported
Total Planned Amount: Not reported
Total Actual Hours: Not reported

Activities:

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SPIN PHYSICS INC. (Continued)

S101482004

EPA ID: CAD990738981
Facility Type: Historical - Non-Operating
Facility Name: SPIN PHYSICS INC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1990-10-22 00:00:00
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: INTENDS/CLOSED ALL WASTE HANDLING FACILITY - Notification to Close the facility, INTENDS/CLOSED ALL WASTE HANDLING FACILITY - Notification to Close the facility, Approved Request
Unit Names: Not reported
Event Description: New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST RECEIVED
Actual Date: 09/05/1985

EPA ID: CAD990738981
Facility Type: Historical - Non-Operating
Facility Name: SPIN PHYSICS INC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1990-10-22 00:00:00
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Per Part A Application
Unit Names: Not reported
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 12/15/1980

EPA ID: CAD990738981
Facility Type: Historical - Non-Operating
Facility Name: SPIN PHYSICS INC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1990-10-22 00:00:00
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: INTENDS/CLOSED ALL WASTE HANDLING FACILITY - Notification to Close the facility, INTENDS/CLOSED ALL WASTE HANDLING FACILITY - Notification to Close the facility, Approved Request

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SPIN PHYSICS INC. (Continued)

S101482004

Unit Names: Not reported
Event Description: New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST ACKNOWLEDGED
Actual Date: 10/22/1990

Closure:

EPA ID: CAD990738981
Facility Type: Historical - Non-Operating
Facility Name: SPIN PHYSICS INC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: CLOSED
Activity Type: Closure Final
Final Date: Not reported
Type: RCRA
Title Description: Closure
Due Date: Not reported
Comments: Notification to Close the facility
Unit Names: CONTAIN1
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION
Actual Date: 05/13/1991

EPA ID: CAD990738981
Facility Type: Historical - Non-Operating
Facility Name: SPIN PHYSICS INC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: CLOSED
Activity Type: Closure Final
Final Date: Not reported
Type: RCRA
Title Description: Closure
Due Date: Not reported
Comments: Notification to Close the facility
Unit Names: CONTAIN1
Event Description: Closure Final - RECEIVE CLOSURE CERTIFICATION
Actual Date: 04/09/1991

Alias:

EPA ID: CAD990738981
Facility Type: Historical - Non-Operating
Facility Name: SPIN PHYSICS INC
Facility Status: CLOSED
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Alias Type: Envirostor ID Number
Alias: 37800051

EPA ID: CAD990738981
Facility Type: Historical - Non-Operating
Facility Name: SPIN PHYSICS INC
Facility Status: CLOSED

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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SPIN PHYSICS INC. (Continued)

S101482004

Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Alias Type: Project Code (Site Code)
Alias: 400355

CERS:

Name: SPIN PHYSICS INC
Address: 11633 SORRENTO VALLEY RD
City,State,Zip: SAN DIEGO, CA 921210000
Site ID: 610306
CERS ID: CAD990738981
CERS Description: Hazardous Waste

Affiliation:

Affiliation Type Desc: Facility Contact
Entity Name: --
Entity Title: Not reported
Affiliation Address: --
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 921210000
Affiliation Phone: 6195352911,

Affiliation Type Desc: Facility Owner
Entity Name: CAL SORRENTO LTD.
Entity Title: Not reported
Affiliation Address: 10951 SORRENTO VALLEY RD
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 921210000
Affiliation Phone: 7144530020,

286
SSW
1/2-1
0.637 mi.
3365 ft.
Relative:
Higher
Actual:
426 ft.

THE SCRIPPS RESEARCH INSTITUTE
10666 N TORREY PINES RD
LA JOLLA, CA 92037

RCRA-LQG 1000260910
CA ENVIROSTOR CAD000057109
CA San Diego Co. HMMD
CA CERS HAZ WASTE
CA SWEEPS UST
CA HIST UST
CA CERS TANKS
CA EMI
NY MANIFEST
CA CERS

RCRA Listings:

Date Form Received by Agency: 20220223
Handler Name: THE SCRIPPS RESEARCH INSTITUTE
Handler Address: 10666 N TORREY PINES RD
Handler City,State,Zip: LA JOLLA, CA 92037-0000
EPA ID: CAD000057109
Contact Name: JIM S GOHRES
Contact Address: N TORREY PINES RD
Contact City,State,Zip: LA JOLLA, CA 92037
Contact Telephone: 858-784-8240

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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Contact Fax:	858-784-8490
Contact Email:	JGOHRES@SCRIPPS.EDU
Contact Title:	SR. DIRECTOR, EH&S
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2021
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	N TORREY PINES RD
Mailing City,State,Zip:	LA JOLLA, CA 92037
Owner Name:	THE SCRIPPS RESEARCH INSTITUTE
Owner Type:	Private
Operator Name:	THE SCRIPPS RESEARCH INSTITUTE
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	Yes
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

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Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220614
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

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MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D019
Waste Description:	CARBON TETRACHLORIDE
Waste Code:	D022
Waste Description:	CHLOROFORM
Waste Code:	D023
Waste Description:	O-CRESOL
Waste Code:	D024
Waste Description:	M-CRESOL
Waste Code:	D025
Waste Description:	P-CRESOL
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D038
Waste Description:	PYRIDINE
Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: LABP
Waste Description: LAB PACK

Waste Code: P003
Waste Description: 2-PROPENAL (OR) ACROLEIN

Waste Code: P005
Waste Description: 2-PROPEN-1-OL (OR) ALLYL ALCOHOL

Waste Code: P015
Waste Description: BERYLLIUM

Waste Code: P029
Waste Description: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

Waste Code: P030
Waste Description: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

Waste Code: P048
Waste Description: 2,4-DINITROPHENOL (OR) PHENOL, 2,4-DINITRO-

Waste Code: P087
Waste Description: OSMIUM OXIDE OSO4, (T-4)- (OR) OSMIUM TETROXIDE

Waste Code: P095
Waste Description: CARBONIC DICHLORIDE (OR) PHOSGENE

Waste Code: P098
Waste Description: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

Waste Code: P102

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

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Waste Description:	2-PROPYN-1-OL (OR) PROPARGYL ALCOHOL
Waste Code:	P105
Waste Description:	SODIUM AZIDE
Waste Code:	P106
Waste Description:	SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)
Waste Code:	P112
Waste Description:	METHANE, TETRANITRO- (R) (OR) TETRANITROMETHANE (R)
Waste Code:	P115
Waste Description:	SULFURIC ACID, DITHALLIUM (1+) SALT (OR) THALLIUM(I) SULFATE
Waste Code:	U002
Waste Description:	2-PROPANONE (I) (OR) ACETONE (I)
Waste Code:	U006
Waste Description:	ACETYL CHLORIDE (C,R,T)
Waste Code:	U007
Waste Description:	2-PROPENAMIDE (OR) ACRYLAMIDE
Waste Code:	U008
Waste Description:	2-PROPENOIC ACID (I) (OR) ACRYLIC ACID (I)
Waste Code:	U009
Waste Description:	2-PROPENENITRILE (OR) ACRYLONITRILE
Waste Code:	U012
Waste Description:	ANILINE (I,T) (OR) BENZENAMINE (I,T)
Waste Code:	U044
Waste Description:	CHLOROFORM (OR) METHANE, TRICHLORO-
Waste Code:	U046
Waste Description:	CHLOROMETHYL METHYL ETHER (OR) METHANE, CHLOROMETHOXY-
Waste Code:	U048
Waste Description:	O-CHLOROPHENOL (OR) PHENOL, 2-CHLORO-
Waste Code:	U053
Waste Description:	2-BUTENAL (OR) CROTONALDEHYDE
Waste Code:	U067
Waste Description:	ETHANE, 1,2-DIBROMO- (OR) ETHYLENE DIBROMIDE
Waste Code:	U108
Waste Description:	1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE
Waste Code:	U133
Waste Description:	HYDRAZINE (R,T)
Waste Code:	U134
Waste Description:	HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)
Waste Code:	U138

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

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Waste Description:	METHANE, IODO- (OR) METHYL IODIDE
Waste Code:	U151
Waste Description:	MERCURY
Waste Code:	U154
Waste Description:	METHANOL (I) (OR) METHYL ALCOHOL (I)
Waste Code:	U162
Waste Description:	2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)
Waste Code:	U188
Waste Description:	PHENOL
Waste Code:	U213
Waste Description:	FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)
Waste Code:	U220
Waste Description:	BENZENE, METHYL- (OR) TOLUENE
Waste Code:	U228
Waste Description:	ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE
Waste Code:	U246
Waste Description:	CYANOGEN BROMIDE (CN)BR
Waste Code:	U353
Waste Description:	BENZENAMINE, 4-METHYL- (OR) P-TOLUIDINE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE SCRIPPS RESEARCH INSTITUTE
Legal Status:	Private
Date Became Current:	19910101
Date Ended Current:	Not reported
Owner/Operator Address:	10550 N TORREY PINES RD
Owner/Operator City,State,Zip:	LA JOLLA, CA 92037
Owner/Operator Telephone:	858-784-8240
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	JGOHRES@SCRIPPS.EDU

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE SCRIPPS RESEARCH INSTITUTE
Legal Status:	Private
Date Became Current:	19820101
Date Ended Current:	Not reported
Owner/Operator Address:	10550 N TORREY PINES RD
Owner/Operator City,State,Zip:	LA JOLLA, CA 92037
Owner/Operator Telephone:	858-784-8240
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TSRI

Map ID
Direction
Distance
Elevation

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Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Legal Status:	Private
Date Became Current:	19910120
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE SCRIPPS RESEARCH INSTITUTE
Legal Status:	Private
Date Became Current:	19770101
Date Ended Current:	Not reported
Owner/Operator Address:	10550 NORTH TORREY PINES ROAD
Owner/Operator City,State,Zip:	LA JOLLA, CA 92037
Owner/Operator Telephone:	858-784-8240
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE SCRIPPS RESEARCH INSTITUTE
Legal Status:	Private
Date Became Current:	19770101
Date Ended Current:	Not reported
Owner/Operator Address:	10550 NORTH TORREY PINES ROAD
Owner/Operator City,State,Zip:	LA JOLLA, CA 92037
Owner/Operator Telephone:	858-784-8240
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE SCRIPPS RESEARCH INSTITUTE
Legal Status:	Private
Date Became Current:	19770101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Owner/Operator Indicator: Owner
Owner/Operator Name: THE SCRIPPS RESEARCH INSTITUTE
Legal Status: Private
Date Became Current: 19770101
Date Ended Current: Not reported
Owner/Operator Address: 10550 N TORREY PINES ROAD
Owner/Operator City,State,Zip: LA JOLLA, CA 92037
Owner/Operator Telephone: 858-784-8240
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: THE SCRIPPS RESEARCH INSTITUTE
Legal Status: Private
Date Became Current: 19820101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TSRI
Legal Status: Private
Date Became Current: 19910120
Date Ended Current: Not reported
Owner/Operator Address: SAME AS ITEM 4
Owner/Operator City,State,Zip: CA
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: THE SCRIPPS RESEARCH INSTITUTE
Legal Status: Private
Date Became Current: 19770101
Date Ended Current: Not reported
Owner/Operator Address: 10550 NORTH TORREY PINES ROAD
Owner/Operator City,State,Zip: LA JOLLA, CA 92037
Owner/Operator Telephone: 858-784-8240
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: THE SCRIPPS RESEARCH INSTITUTE
Legal Status: Private
Date Became Current: 19770101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: TSRI	
Legal Status:	Private
Date Became Current:	19910120
Date Ended Current:	Not reported
Owner/Operator Address:	SAME AS ITEM 4
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: THE SCRIPPS RESEARCH INSTITUTE	
Legal Status:	Private
Date Became Current:	19910101
Date Ended Current:	Not reported
Owner/Operator Address:	10550 N TORREY PINES RD
Owner/Operator City,State,Zip:	LA JOLLA, CA 92037
Owner/Operator Telephone:	858-784-8240
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	JGOHRES@SCRIPPS.EDU
Owner/Operator Indicator:	Operator
Owner/Operator Name: TSRI	
Legal Status:	Private
Date Became Current:	19910120
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: THE SCRIPPS RESEARCH INSTITUTE	
Legal Status:	Private
Date Became Current:	19910101
Date Ended Current:	Not reported
Owner/Operator Address:	10550 N. TORREY PINES RD. TPC
Owner/Operator City,State,Zip:	LA JOLLA, CA 92037
Owner/Operator Telephone:	858-784-8240
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: THE SCRIPPS RESEARCH INSTITUTE	
Legal Status:	Private
Date Became Current:	19910101
Date Ended Current:	Not reported
Owner/Operator Address:	10550 N TORREY PINES RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Owner/Operator City,State,Zip: LA JOLLA, CA 92037
Owner/Operator Telephone: 858-784-8240
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: JGOHRES@SCRIPPS.EDU

Owner/Operator Indicator: Operator
Owner/Operator Name: THE SCRIPPS RESEARCH INSTITUTE
Legal Status: Private
Date Became Current: 19910101
Date Ended Current: Not reported
Owner/Operator Address: 10550 N TORREY PINES RD
Owner/Operator City,State,Zip: LA JOLLA, CA 92037
Owner/Operator Telephone: 858-784-8240
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: JGOHRES@SCRIPPS.EDU

Owner/Operator Indicator: Operator
Owner/Operator Name: THE SCRIPPS RESEARCH INSTITUTE
Legal Status: Private
Date Became Current: 19910101
Date Ended Current: Not reported
Owner/Operator Address: 10550 N TORREY PINES RD
Owner/Operator City,State,Zip: LA JOLLA, CA 92037
Owner/Operator Telephone: 858-784-8240
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: JGOHRES@SCRIPPS.EDU

Owner/Operator Indicator: Operator
Owner/Operator Name: TSRI
Legal Status: Private
Date Became Current: 19910120
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: THE SCRIPPS RESEARCH INSTITUTE
Legal Status: Private
Date Became Current: 19910101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: THE SCRIPPS RESEARCH INSTITUTE
Legal Status: Private

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Date Became Current: 19910101
Date Ended Current: Not reported
Owner/Operator Address: 10550 N TORREY PINES RD
Owner/Operator City,State,Zip: LA JOLLA, CA 92037
Owner/Operator Telephone: 858-784-8240
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: JGOHRES@SCRIPPS.EDU

Owner/Operator Indicator: Owner
Owner/Operator Name: THE SCRIPPS RESEARCH INSTITUTE
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1066 N TORREY PINES ROAD
Owner/Operator City,State,Zip: LA JOLLA ROAD, CA 92037
Owner/Operator Telephone: 619-554-9010
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TSRI
Legal Status: Private
Date Became Current: 19910120
Date Ended Current: Not reported
Owner/Operator Address: 10666 NORTH TORREY PINES ROAD
Owner/Operator City,State,Zip: LA JP;;A, CA 92037
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20100615
Handler Name: THE SCRIPPS RESEARCH INSTITUTE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120319
Handler Name: THE SCRIPPS RESEARCH INSTITUTE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No

Map ID
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MAP FINDINGS

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Database(s)
EDR ID Number
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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20140301
Handler Name:	THE SCRIPPS RESEARCH INSTITUTE
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20160226
Handler Name:	THE SCRIPPS RESEARCH INSTITUTE
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20180821
Handler Name:	THE SCRIPPS RESEARCH INSTITUTE
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	20200220
Handler Name:	THE SCRIPPS RESEARCH INSTITUTE
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	20220223
Handler Name:	THE SCRIPPS RESEARCH INSTITUTE

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MAP FINDINGS

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19960901
Handler Name: SCRIPPS RESEARCH INSTITUTE TOREY PINES
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19950321
Handler Name: SCRIPPS RESEARCH INSTITUTE TOREY PINES
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20111107
Handler Name: THE SCRIPPS RESEARCH INSTITUTE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19900612
Handler Name: SCRIPPS CLINIC & RESEARCH FOUNDATION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

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Database(s)
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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19920305
Handler Name:	SCRIPPS CLINIC & RESEARCH FOUN
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19940331
Handler Name:	SCRIPPS CLINIC & RESEARCH FOUNDATION
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19960228
Handler Name:	THE SPRIPPS RESEARCH INST.-TORREY PINES
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19990304
Handler Name:	THE SCRIPPS RESEARCH INSTITUTE
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Receive Date: 20001012
Handler Name: TSRI (TP)
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20020225
Handler Name: TSRI (TP)
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20040212
Handler Name: TSRI (TP)
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060213
Handler Name: TSRI (TP)
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080215
Handler Name: TSRI (TP)
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No

Map ID
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EDR ID Number
EPA ID Number
Database(s)

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 54171
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

NAICS Code: 541711
NAICS Description: RESEARCH AND DEVELOPMENT IN BIOTECHNOLOGY

NAICS Code: 541714
NAICS Description: RESEARCH AND DEVELOPMENT IN BIOTECHNOLOGY (EXCEPT NANOBIOLOGY)

NAICS Code: 541715
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

NAICS Code: 54172
NAICS Description: RESEARCH AND DEVELOPMENT IN THE SOCIAL SCIENCES AND HUMANITIES

NAICS Code: 62112
NAICS Description: OFFICES OF PHYSICIANS, MENTAL HEALTH SPECIALISTS

NAICS Code: 62211
NAICS Description: GENERAL MEDICAL AND SURGICAL HOSPITALS

Facility Has Received Notices of Violation:

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19881025
Actual Return to Compliance Date:	19920915
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20081006
Actual Return to Compliance Date:	20081210
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20091116
Actual Return to Compliance Date:	20091222
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20091222
Enforcement Identifier:	601
Date of Enforcement Action:	20091116
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20081006

Map ID
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Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Actual Return to Compliance Date: 20081210
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20040120
Actual Return to Compliance Date:	20040318
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20081006

Map ID
Direction
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Actual Return to Compliance Date: 20081210
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20081006
Actual Return to Compliance Date:	20081210
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	601
Date of Enforcement Action:	20081006
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20091116
Actual Return to Compliance Date:	20091222
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20091222
Enforcement Identifier:	601
Date of Enforcement Action:	20091116
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20071004
Actual Return to Compliance Date:	20071231
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	601
Date of Enforcement Action:	20071004
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20040120

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Actual Return to Compliance Date: 20040318
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20081006
Actual Return to Compliance Date: 20081210
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 601
Date of Enforcement Action: 20081006
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20081006

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Actual Return to Compliance Date: 20081210
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 601
Date of Enforcement Action: 20081006
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20091116
Actual Return to Compliance Date: 20091222
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20091222
Enforcement Identifier: 601
Date of Enforcement Action: 20091116
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20071004

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Actual Return to Compliance Date: 20071231
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 601
Date of Enforcement Action: 20071004
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20040120
Actual Return to Compliance Date: 20040318
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19920915
Actual Return to Compliance Date:	19940118
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20071004

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Actual Return to Compliance Date: 20071231
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 601
Date of Enforcement Action: 20071004
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20081006
Actual Return to Compliance Date:	20081210
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	601
Date of Enforcement Action:	20081006
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20040120
Actual Return to Compliance Date:	20040318
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20081006
Actual Return to Compliance Date:	20081210
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported

Map ID
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MAP FINDINGS

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Database(s)
EDR ID Number
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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20091116
Actual Return to Compliance Date:	20091222
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20091222
Enforcement Identifier:	601
Date of Enforcement Action:	20091116
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20071004

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Database(s) EDR ID Number
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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Actual Return to Compliance Date: 20071231
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 601
Date of Enforcement Action: 20071004
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19940118
Actual Return to Compliance Date: 19990118
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported

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Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 20170622
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19881025
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19920915
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20141022
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20081006
Evaluation Responsible Agency: State

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Database(s) EDR ID Number
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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20081210
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20091116
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20091222
Scheduled Compliance Date:	20091222
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20081006
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20081210
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20181119
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040120
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040318

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Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20081006
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20081210
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20181010
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20081006
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20081210
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20201015
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID
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Database(s) EDR ID Number
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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Evaluation Date:	20091116
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20091222
Scheduled Compliance Date:	20091222
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20071004
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20071231
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040120
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040318
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20081006
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20081210
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20171018
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported

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Database(s) EDR ID Number
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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20081006
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20081210
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20091116
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20091222
Scheduled Compliance Date:	20091222
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20151022
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20071004
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20071231
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

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Database(s)
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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040120
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040318
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19920915
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19940118
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20071004
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20071231
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20050726
Evaluation Responsible Agency:	Local
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20081006
Evaluation Responsible Agency:	State

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Database(s) EDR ID Number
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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20081210
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20201015
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040120
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040318
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20081006
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20081210
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20191015
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported

Map ID
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Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20161014
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20091116
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20091222
Scheduled Compliance Date:	20091222
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20071004
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20071231
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19940118
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19990118
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID
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MAP FINDINGS

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Database(s)
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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

ENVIROSTOR:

Name: SCRIPPS HEALTH - TORREY PINES
Address: 10666 N. TORREY PINES ROAD
City,State,Zip: LA JOLLA, CA 92037
Facility ID: 71003421
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Assembly: 78
Senate: 39
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 32.89867
Longitude: -117.2435
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAR000001065
Alias Type: EPA Identification Number
Alias Name: 110009527280
Alias Type: EPA (FRS #)
Alias Name: 71003421
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HMMD SAN DIEGO:

Name: SCRIPPS GREEN HOSPITAL
Address: 10666 N TORREY PINES RD

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MAP FINDINGS

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Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

City,State,Zip: LA JOLLA, CA 92037
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAR000001065
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 858-455-9100
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 11/11/2022
Facility Owner: Not reported
Facility Mailing Address: 10666 N TORREY PINES RD, N-107, La Jolla, CA 92037
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: Y
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-123181
Program Element: Medical Waste
Inspection Type: Return To Compliance (RTC)
Inspection Number: 4955279
Return To Compliance Date: 2013-12-19T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-12-11T01:29:53.000
Inspection Date: 2013-11-01T13:17:00.000
Violation Code: 4212 Red bags not containerized in rigid, leak resistant, and covered containers or bins. 118280(b)

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-123181
Program Element: Underground Storage Tank
Inspection Type: Return To Compliance (RTC)
Inspection Number: 4955279
Return To Compliance Date: 2014-01-14T00:00:00.000
Nov: No
Violation Classification: Not reported
Underground Storage Tank Id: 27527
Container/Tank Id: Not reported
Last Update: 2021-12-11T01:29:53.000
Inspection Date: 2013-11-01T13:17:00.000
Violation Code: 2060019 Failure of the spill bucket to have a minimum capacity of five gallons. 23 CCR 16 2635(b), 2665.

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-123181
Program Element: Underground Storage Tank
Inspection Type: Routine
Inspection Number: 6797567
Return To Compliance Date: 2021-11-10T00:00:00.000
Nov: No
Violation Classification: Not reported
Underground Storage Tank Id: 27527
Container/Tank Id: Not reported
Last Update: 2021-12-11T01:29:53.000
Inspection Date: 2021-10-12T00:00:00.000
Violation Code: 2030042 (TCR 9d) Option 1: Failure to perform one of the following line integrity test(s): A 12 month test for pressurized double-walled piping that does not utilize fail safe and positive shut down or within 30 days of the date of the completion of a repair to the primary piping. 23 CCR 2636(f)(4)(3); 2643(c)(3); HSC 25290.2(g), 25291(f), 25292(e)

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-123181
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 4835086
Return To Compliance Date: 2013-11-29T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-12-11T01:29:53.000
Inspection Date: 2013-11-01T14:29:00.000
Violation Code: 1010008 Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1; 19 CCR 4 2729.4(b), 2729.5.

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-123181
Program Element: Hazardous Waste Generator
Inspection Type: Return To Compliance (RTC)
Inspection Number: 4955279
Return To Compliance Date: 2013-12-19T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-12-11T01:29:53.000
Inspection Date: 2013-11-01T13:17:00.000
Violation Code: HMD0221 HW storage- satellite Failed to comply with hazardous waste satellite container regulations. 22CCR 66262.34(e).

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

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Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-123181
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 4835086
Return To Compliance Date: 2013-11-29T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-12-11T01:29:53.000
Inspection Date: 2013-11-01T14:29:00.000
Violation Code: HMD0221 HW storage- satellite Failed to comply with hazardous waste satellite container regulations. 22CCR 66262.34(e).

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-123181
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Return To Compliance (RTC)
Inspection Number: 4955279
Return To Compliance Date: 2013-12-19T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-12-11T01:29:53.000
Inspection Date: 2013-11-01T13:17:00.000
Violation Code: 1010004 Failure to complete and/or submit hazardous material inventory forms for all reportable hazardous materials on site; 19 CCR 4 2729.2(a)(2); HSC 6.95 25504(a).

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-123181
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Return To Compliance (RTC)
Inspection Number: 4955279
Return To Compliance Date: 2013-12-19T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-12-11T01:29:53.000
Inspection Date: 2013-11-01T13:17:00.000
Violation Code: 1010008 Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1; 19 CCR 4 2729.4(b), 2729.5.

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Active Permit: Y
Facility Id Number: 37-000-123181
Program Element: Medical Waste
Inspection Type: Routine
Inspection Number: 6797567
Return To Compliance Date: 2021-12-09T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-12-11T01:29:53.000
Inspection Date: 2021-10-12T00:00:00.000
Violation Code: HMD4203 Enclosure or designated accumulation area for MW containers not secured. HSC 118307, 118310

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-123181
Program Element: Medical Waste
Inspection Type: Return To Compliance (RTC)
Inspection Number: 4955279
Return To Compliance Date: 2013-12-19T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-12-11T01:29:53.000
Inspection Date: 2013-11-01T13:17:00.000
Violation Code: 4209 Primary containers accumulating MW not labeled with generator's name, address, and phone number. 68.1205

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-123181
Program Element: Medical Waste
Inspection Type: Routine
Inspection Number: 4835086
Return To Compliance Date: 2013-11-29T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-12-11T01:29:53.000
Inspection Date: 2013-11-01T14:29:00.000
Violation Code: 4213 Waste container/bin not labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD" on the lid and sides. 118280(b)

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-123181
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 4967837

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Return To Compliance Date: 2015-05-15T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-12-11T01:29:53.000
Inspection Date: 2014-10-30T14:14:00.000
Violation Code: 1010007 Failure to submit a revised business plan upon a substantial change in the handler's operations; HSC 6.95 25508.1(f)

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-123181
Program Element: Medical Waste
Inspection Type: Routine
Inspection Number: 4835086
Return To Compliance Date: 2013-11-29T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-12-11T01:29:53.000
Inspection Date: 2013-11-01T14:29:00.000
Violation Code: 4209 Primary containers accumulating MW not labeled with generator's name, address, and phone number. 68.1205

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-123181
Program Element: Underground Storage Tank
Inspection Type: Routine
Inspection Number: 5267721
Return To Compliance Date: 2015-10-28T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: 27527
Container/Tank Id: Not reported
Last Update: 2021-12-11T01:29:53.000
Inspection Date: 2015-10-28T11:46:24.000
Violation Code: 2030047 Failure to maintain secondary containment, as evidenced by failure of secondary containment testing. HSC 25290.1(c)(2), 25290.2(c)(2), 25291(a), 25292(e); 23 CCR 2662

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-123181
Program Element: Medical Waste
Inspection Type: Return To Compliance (RTC)
Inspection Number: 4955279
Return To Compliance Date: 2013-12-19T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Last Update: 2021-12-11T01:29:53.000
Inspection Date: 2013-11-01T13:17:00.000
Violation Code: 4202 Medical waste (MW) not separated from other waste at the point of origin. 118275

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-123181
Program Element: Medical Waste
Inspection Type: Return To Compliance (RTC)
Inspection Number: 4955279
Return To Compliance Date: 2013-12-19T00:00:00.000

Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-12-11T01:29:53.000
Inspection Date: 2013-11-01T13:17:00.000
Violation Code: 4213 Waste container/bin not labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD" on the lid and sides. 118280(b)

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-123181
Program Element: Medical Waste
Inspection Type: Routine
Inspection Number: 4835086
Return To Compliance Date: 2013-11-29T00:00:00.000

Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-12-11T01:29:53.000
Inspection Date: 2013-11-01T14:29:00.000
Violation Code: 4212 Red bags not containerized in rigid, leak resistant, and covered containers or bins. 118280(b)

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-123181
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 4835086
Return To Compliance Date: 2013-11-29T00:00:00.000

Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-12-11T01:29:53.000
Inspection Date: 2013-11-01T14:29:00.000
Violation Code: 1010004 Failure to complete and/or submit hazardous material inventory forms for all reportable hazardous materials on site; 19 CCR 4 2729.2(a)(2); HSC 6.95 25504(a).

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-123181
Program Element: Medical Waste
Inspection Type: Routine
Inspection Number: 4835086
Return To Compliance Date: 2013-11-29T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-12-11T01:29:53.000
Inspection Date: 2013-11-01T14:29:00.000
Violation Code: 4202 Medical waste (MW) not separated from other waste at the point of origin. 118275

UST DTL:

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-123181
Facility Type (Ust Facility): Other
Tank Owner Name: SCRIPPS GREEN HOSPITAL
Tankid: 27527
Tank Status: Active
Date Ust Permanently Closed: Not reported
Tank Use: 05
Piping System Type: Pressure
Last Updated: 2021-12-11T02:30:42.000
Tank Capacity in Gallons: 20000
Tank Contents: Diesel
Type Of Tank: Double Wall

Waste and Materials:

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0151277
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-17T00:47:35.000
Chemical Name: TRIDENT 6060 POLYMALEIC ACID
Common Name: TRIDENT 6060 POLYMALEIC ACID
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0151278
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-17T00:47:35.000
Chemical Name: NITROGEN, N2, 99%, COMPRESSED GAS:
Common Name: NITROGEN, N2, 99%, COMPRESSED GAS:
Case Number: 7727-37-9

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0129722
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-17T00:47:37.000
Chemical Name: Formaldehyde
Common Name: Formaldehyde 10% solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0129723
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-17T00:47:37.000
Chemical Name: WASTE 291 LATEX WASTE
Common Name: PAINT WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0182159
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-25T07:42:45.000
Chemical Name: HEAVY DUTY DIESEL OIL
Common Name: Underground Storage Tank - Diesel
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0156374
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-25T07:42:45.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: WASTE 221 WASTE OIL & MIXED OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0156375
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-25T07:42:45.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed

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1000260910

Active Permit: Y
Child Record Id: DEH2018-HWAST-0156381
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-25T07:42:45.000
Chemical Name: Solvent Stain Waste
Common Name: Solvent Stain Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0182155
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-25T07:42:45.000
Chemical Name: OXYGEN, O2, 99%, LIQUIFIED COMPRESSED GAS
Common Name: OXYGEN, O2, 99%, LIQUIFIED COMPRESSED GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0182156
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-25T07:42:45.000
Chemical Name: 3504-30
Common Name: CONDENSATE TREATMENT, Trident Industries
Case Number: 110-91-8

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0182157
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-25T07:42:45.000
Chemical Name: NITROGEN LIQUID
Common Name: NITROGEN LIQUID
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0182158
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-25T07:42:45.000
Chemical Name: NITROUS OXIDE, N2O, 99% COMPRESSED GAS:
Common Name: NITROUS OXIDE, N2O, 99% COMPRESSED GAS:
Case Number: 10024-97-2

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0182160

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1000260910

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-25T07:42:45.000
Chemical Name: SODIUM HYPOCHLORITE
Common Name: CHLORINE SOLUTION
Case Number: 7681-52-9

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0182161
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-25T07:42:45.000
Chemical Name: TRIDENT 6060 POLYMALEIC ACID
Common Name: TRIDENT 6060 POLYMALEIC ACID
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0182162
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-25T07:42:45.000
Chemical Name: NITROGEN, N2, 99%, COMPRESSED GAS:
Common Name: NITROGEN, N2, 99%, COMPRESSED GAS:
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0182163
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-25T07:42:45.000
Chemical Name: AIR, BREATHING: COMPRESSED GAS
Common Name: AIR, BREATHING: COMPRESSED GAS
Case Number: 132259-10-0

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0182164
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-25T07:42:45.000
Chemical Name: OXYGEN, O2, 99%, COMPRESSED GAS
Common Name: OXYGEN, O2, 99%, COMPRESSED GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0182165
Trade Secret: N
Hazardous Material Type: Mixture

Map ID
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MAP FINDINGS

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Last Updated: 2018-10-25T07:42:45.000
Chemical Name: Trident 1102-30
Common Name: Boiler Treatment - Trident 1102-30
Case Number: Mixture

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0182166
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-25T07:42:45.000
Chemical Name: Citgo No. 2 Diesel Low Sulfur
Common Name: Above Ground Diesel
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0156372
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-25T07:42:45.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0156373
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-25T07:42:45.000
Chemical Name: WASTE 311 PHARMACEUTICAL WASTE
Common Name: WASTE 311 PHARMACEUTICAL WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0156376
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-25T07:42:45.000
Chemical Name: WASTE 903 INF WST, TISSUE/ANAT. REMAINS
Common Name: PATHOLOGY WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0156377
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-25T07:42:45.000
Chemical Name: WASTE 311 PHARMACEUTICAL WASTE

Map ID
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MAP FINDINGS

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Common Name: Medical Waste Pharmaceutical Sharps
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0156378
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-25T07:42:45.000
Chemical Name: WASTE 311 - Bulk Chemotherapy Waste
Common Name: WASTE 311 - Bulk Chemotherapy Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0156379
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-25T07:42:45.000
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: SODA LIME/SODIUM HYDROXIDE
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0156380
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-25T07:42:45.000
Chemical Name: Cell-Dyn WBC Reagent (Sapphire)
Common Name: Waste 141 - Sapphire Reagent
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0156382
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-25T07:42:45.000
Chemical Name: Formaldehyde
Common Name: Formaldehyde 10% solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0156383
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-25T07:42:45.000
Chemical Name: WASTE 291 LATEX WASTE
Common Name: PAINT WASTE
Case Number: Not reported

Map ID
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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237927
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-27T02:34:01.000
Chemical Name: WASTE 291 LATEX WASTE
Common Name: PAINT WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0267535
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-27T02:34:01.000
Chemical Name: SODIUM HYPOCHLORITE
Common Name: CHLORINE SOLUTION
Case Number: 7681-52-9

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0267536
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-27T02:34:01.000
Chemical Name: HEAVY DUTY DIESEL OIL
Common Name: Underground Storage Tank - Diesel
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0267537
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-27T02:34:01.000
Chemical Name: NITROUS OXIDE, N2O, 99% COMPRESSED GAS:
Common Name: NITROUS OXIDE, N2O, 99% COMPRESSED GAS:
Case Number: 10024-97-2

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0267539
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-27T02:34:01.000
Chemical Name: 3504-30
Common Name: CONDENSATE TREATMENT, Trident Industries
Case Number: 110-91-8

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Active Permit: Y
Child Record Id: DEH2020-HCHEM-0267540
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-27T02:34:01.000
Chemical Name: OXYGEN, O2, 99%, LIQUIFIED COMPRESSED GAS
Common Name: OXYGEN, O2, 99%, LIQUIFIED COMPRESSED GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237928
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-27T02:34:01.000
Chemical Name: Formaldehyde
Common Name: Formaldehyde 10% solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237931
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-27T02:34:01.000
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: SODA LIME/SODIUM HYDROXIDE
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237933
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-27T02:34:01.000
Chemical Name: WASTE 311 PHARMACEUTICAL WASTE
Common Name: Medical Waste Pharmaceutical Sharps
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0202671
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T14:20:04.000
Chemical Name: OXYGEN, O2, 99%, LIQUIFIED COMPRESSED GAS
Common Name: OXYGEN, O2, 99%, LIQUIFIED COMPRESSED GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0202672

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-01-28T14:20:04.000
Chemical Name: 3504-30
Common Name: CONDENSATE TREATMENT, Trident Industries
Case Number: 110-91-8

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0202673
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T14:20:04.000
Chemical Name: NITROGEN LIQUID
Common Name: NITROGEN LIQUID
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0202674
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T14:20:04.000
Chemical Name: NITROUS OXIDE, N20, 99% COMPRESSED GAS:
Common Name: NITROUS OXIDE, N20, 99% COMPRESSED GAS:
Case Number: 10024-97-2

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0202675
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-01-28T14:20:04.000
Chemical Name: HEAVY DUTY DIESEL OIL
Common Name: Underground Storage Tank - Diesel
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0202676
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-01-28T14:20:04.000
Chemical Name: SODIUM HYPOCHLORITE
Common Name: CHLORINE SOLUTION
Case Number: 7681-52-9

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0202677
Trade Secret: N
Hazardous Material Type: Mixture

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Last Updated: 2019-01-28T14:20:04.000
Chemical Name: TRIDENT 6060 POLYMALEIC ACID
Common Name: TRIDENT 6060 POLYMALEIC ACID
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0202678
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T14:20:04.000
Chemical Name: NITROGEN, N2, 99%, COMPRESSED GAS:
Common Name: NITROGEN, N2, 99%, COMPRESSED GAS:
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0202679
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T14:20:04.000
Chemical Name: AIR, BREATHING: COMPRESSED GAS
Common Name: AIR, BREATHING: COMPRESSED GAS
Case Number: 132259-10-0

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0202680
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T14:20:04.000
Chemical Name: OXYGEN, O2, 99%, COMPRESSED GAS
Common Name: OXYGEN, O2, 99%, COMPRESSED GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0202681
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-01-28T14:20:04.000
Chemical Name: Trident 1102-30
Common Name: Boiler Treatment - Trident 1102-30
Case Number: Mixture

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0202682
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T14:20:04.000
Chemical Name: Citgo No. 2 Diesel Low Sulfur

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Common Name: Above Ground Diesel
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0174702
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-28T14:20:04.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0174703
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-28T14:20:04.000
Chemical Name: WASTE 311 PHARMACEUTICAL WASTE
Common Name: WASTE 311 PHARMACEUTICAL WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0174704
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-28T14:20:04.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: WASTE 221 WASTE OIL & MIXED OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0174705
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-28T14:20:04.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0174706
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-28T14:20:04.000
Chemical Name: WASTE 903 INF WST, TISSUE/ANAT. REMAINS
Common Name: PATHOLOGY WASTE
Case Number: Not reported

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Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0174707
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-28T14:20:04.000
Chemical Name: WASTE 311 PHARMACEUTICAL WASTE
Common Name: Medical Waste Pharmaceutical Sharps
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0174708
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-28T14:20:04.000
Chemical Name: WASTE 311 - Bulk Chemotherapy Waste
Common Name: WASTE 311 - Bulk Chemotherapy Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0174709
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-28T14:20:04.000
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: SODA LIME/SODIUM HYDROXIDE
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0174710
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-28T14:20:04.000
Chemical Name: Cell-Dyn WBC Reagent (Sapphire)
Common Name: Waste 141 - Sapphire Reagent
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0174711
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-28T14:20:04.000
Chemical Name: Solvent Stain Waste
Common Name: Solvent Stain Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

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Active Permit: Y
Child Record Id: DEH2018-HWAST-0174712
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-28T14:20:04.000
Chemical Name: Formaldehyde
Common Name: Formaldehyde 10% solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0174713
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-28T14:20:04.000
Chemical Name: WASTE 291 LATEX WASTE
Common Name: PAINT WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237932
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-27T02:34:01.000
Chemical Name: WASTE 311 - Bulk Chemotherapy Waste
Common Name: WASTE 311 - Bulk Chemotherapy Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237937
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-27T02:34:01.000
Chemical Name: WASTE 311 PHARMACEUTICAL WASTE
Common Name: WASTE 311 PHARMACEUTICAL WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0267529
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-27T02:34:01.000
Chemical Name: Citgo No. 2 Diesel Low Sulfur
Common Name: Above Ground Diesel
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0267530

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

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Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-27T02:34:01.000
Chemical Name: Trident 1102-30
Common Name: Boiler Treatment - Trident 1102-30
Case Number: Mixture

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0267531
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-27T02:34:01.000
Chemical Name: OXYGEN, O2, 99%, COMPRESSED GAS
Common Name: OXYGEN, O2, 99%, COMPRESSED GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0267533
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-27T02:34:01.000
Chemical Name: NITROGEN, N2, 99%, COMPRESSED GAS:
Common Name: NITROGEN, N2, 99%, COMPRESSED GAS:
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0267534
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-27T02:34:01.000
Chemical Name: TRIDENT 6060 POLYMALEIC ACID
Common Name: TRIDENT 6060 POLYMALEIC ACID
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237938
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-27T02:34:01.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237934
Trade Secret: N
Hazardous Material Type: Not reported

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Last Updated: 2020-10-27T02:34:01.000
Chemical Name: WASTE 903 INF WST, TISSUE/ANAT. REMAINS
Common Name: PATHOLOGY WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237936
Trade Secret: N
Hazardous Material Type: Not reported

Last Updated: 2020-10-27T02:34:01.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: WASTE 221 WASTE OIL & MIXED OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237929
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-27T02:34:01.000
Chemical Name: Solvent Stain Waste
Common Name: Solvent Stain Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0129719
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-17T00:47:37.000
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: SODA LIME/SODIUM HYDROXIDE
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0129720
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-17T00:47:37.000
Chemical Name: Cell-Dyn WBC Reagent (Sapphire)
Common Name: Waste 141 - Sapphire Reagent
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0129721
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-17T00:47:37.000
Chemical Name: Solvent Stain Waste

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1000260910

Common Name: Solvent Stain Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0151271
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-17T00:47:35.000
Chemical Name: OXYGEN, O2, 99%, LIQUIFIED COMPRESSED GAS
Common Name: OXYGEN, O2, 99%, LIQUIFIED COMPRESSED GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0151272
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-17T00:47:35.000
Chemical Name: 3504-30
Common Name: CONDENSATE TREATMENT, Trident Industries
Case Number: 110-91-8

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0151273
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-17T00:47:35.000
Chemical Name: NITROGEN LIQUID
Common Name: NITROGEN LIQUID
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0151274
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-17T00:47:35.000
Chemical Name: NITROUS OXIDE, N2O, 99% COMPRESSED GAS:
Common Name: NITROUS OXIDE, N2O, 99% COMPRESSED GAS:
Case Number: 10024-97-2

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0151275
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-17T00:47:35.000
Chemical Name: HEAVY DUTY DIESEL OIL
Common Name: Underground Storage Tank - Diesel
Case Number: 68476-34-6

Map ID
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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0151276
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-17T00:47:35.000
Chemical Name: SODIUM HYPOCHLORITE
Common Name: CHLORINE SOLUTION
Case Number: 7681-52-9

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0151279
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-17T00:47:35.000
Chemical Name: AIR, BREATHING: COMPRESSED GAS
Common Name: AIR, BREATHING: COMPRESSED GAS
Case Number: 132259-10-0

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0151280
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-17T00:47:35.000
Chemical Name: OXYGEN, O2, 99%, COMPRESSED GAS
Common Name: OXYGEN, O2, 99%, COMPRESSED GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0151281
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-17T00:47:35.000
Chemical Name: Trident 1102-30
Common Name: Boiler Treatment - Trident 1102-30
Case Number: Mixture

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0151282
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-17T00:47:35.000
Chemical Name: Citgo No. 2 Diesel Low Sulfur
Common Name: Above Ground Diesel
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Active Permit: Y
Child Record Id: DEH2017-HWAST-0129712
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-17T00:47:37.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0129713
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-17T00:47:37.000
Chemical Name: WASTE 311 PHARMACEUTICAL WASTE
Common Name: WASTE 311 PHARMACEUTICAL WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0129714
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-17T00:47:37.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: WASTE 221 WASTE OIL & MIXED OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0129715
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-17T00:47:37.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0129716
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-17T00:47:37.000
Chemical Name: WASTE 903 INF WST, TISSUE/ANAT. REMAINS
Common Name: PATHOLOGY WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0129717

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-17T00:47:37.000
Chemical Name: WASTE 311 PHARMACEUTICAL WASTE
Common Name: Medical Waste Pharmaceutical Sharps
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0129718
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-17T00:47:37.000
Chemical Name: WASTE 311 - Bulk Chemotherapy Waste
Common Name: WASTE 311 - Bulk Chemotherapy Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0267538
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-27T02:34:01.000
Chemical Name: NITROGEN LIQUID
Common Name: NITROGEN LIQUID
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0231346
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-01-30T01:00:50.000
Chemical Name: OXYGEN, O2, 99%, LIQUIFIED COMPRESSED GAS
Common Name: OXYGEN, O2, 99%, LIQUIFIED COMPRESSED GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0231347
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-01-30T01:00:50.000
Chemical Name: 3504-30
Common Name: CONDENSATE TREATMENT, Trident Industries
Case Number: 110-91-8

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0231348
Trade Secret: N
Hazardous Material Type: Pure

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1000260910

Last Updated: 2020-01-30T01:00:50.000
Chemical Name: NITROGEN LIQUID
Common Name: NITROGEN LIQUID
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0231349
Trade Secret: N
Hazardous Material Type: Pure

Last Updated: 2020-01-30T01:00:50.000
Chemical Name: NITROUS OXIDE, N2O, 99% COMPRESSED GAS:
Common Name: NITROUS OXIDE, N2O, 99% COMPRESSED GAS:
Case Number: 10024-97-2

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0231350
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-01-30T01:00:50.000
Chemical Name: HEAVY DUTY DIESEL OIL
Common Name: Underground Storage Tank - Diesel
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0231351
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-01-30T01:00:50.000
Chemical Name: SODIUM HYPOCHLORITE
Common Name: CHLORINE SOLUTION
Case Number: 7681-52-9

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0231352
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-01-30T01:00:50.000
Chemical Name: TRIDENT 6060 POLYMALEIC ACID
Common Name: TRIDENT 6060 POLYMALEIC ACID
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0231353
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-01-30T01:00:50.000
Chemical Name: NITROGEN, N2, 99%, COMPRESSED GAS:

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1000260910

Common Name: NITROGEN, N2, 99%, COMPRESSED GAS:
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0231355
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-01-30T01:00:50.000
Chemical Name: OXYGEN, O2, 99%, COMPRESSED GAS
Common Name: OXYGEN, O2, 99%, COMPRESSED GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0231356
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-01-30T01:00:50.000
Chemical Name: Trident 1102-30
Common Name: Boiler Treatment - Trident 1102-30
Case Number: Mixture

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0231357
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-01-30T01:00:50.000
Chemical Name: Citgo No. 2 Diesel Low Sulfur
Common Name: Above Ground Diesel
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0201260
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-30T01:00:56.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0201261
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-30T01:00:56.000
Chemical Name: WASTE 311 PHARMACEUTICAL WASTE
Common Name: WASTE 311 PHARMACEUTICAL WASTE
Case Number: Not reported

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Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0201262
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-30T01:00:56.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: WASTE 221 WASTE OIL & MIXED OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0201266
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-30T01:00:56.000
Chemical Name: WASTE 311 - Bulk Chemotherapy Waste
Common Name: WASTE 311 - Bulk Chemotherapy Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0201268
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-30T01:00:56.000
Chemical Name: Cell-Dyn WBC Reagent (Sapphire)
Common Name: Waste 141 - Sapphire Reagent
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0201269
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-30T01:00:56.000
Chemical Name: Solvent Stain Waste
Common Name: Solvent Stain Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0201270
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-30T01:00:56.000
Chemical Name: Formaldehyde
Common Name: Formaldehyde 10% solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed

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1000260910

Active Permit: Y
Child Record Id: DEH2019-HWAST-0201271
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-30T01:00:56.000
Chemical Name: WASTE 291 LATEX WASTE
Common Name: PAINT WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0295969
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-12-11T02:30:42.000
Chemical Name: OXYGEN, O2, 99%, LIQUIFIED COMPRESSED GAS
Common Name: OXYGEN, O2, 99%, LIQUIFIED COMPRESSED GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0295970
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-12-11T02:30:42.000
Chemical Name: 3504-30
Common Name: CONDENSATE TREATMENT, Trident Industries
Case Number: 110-91-8

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0295971
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-12-11T02:30:42.000
Chemical Name: NITROGEN LIQUID
Common Name: NITROGEN LIQUID
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0295972
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-12-11T02:30:42.000
Chemical Name: NITROUS OXIDE, N2O, 99% COMPRESSED GAS:
Common Name: NITROUS OXIDE, N2O, 99% COMPRESSED GAS:
Case Number: 10024-97-2

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0295973

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Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-12-11T02:30:42.000
Chemical Name: Diesel Fuel
Common Name: UST and ASTs - Diesel
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0295974
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-12-11T02:30:42.000
Chemical Name: SODIUM HYPOCHLORITE
Common Name: CHLORINE SOLUTION
Case Number: 7681-52-9

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0295975
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-12-11T02:30:42.000
Chemical Name: TRIDENT 6060 POLYMALEIC ACID
Common Name: TRIDENT 6060 POLYMALEIC ACID
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0295976
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-12-11T02:30:42.000
Chemical Name: NITROGEN, N2, 99%, COMPRESSED GAS:
Common Name: NITROGEN, N2, 99%, COMPRESSED GAS:
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0295977
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-12-11T02:30:42.000
Chemical Name: AIR, BREATHING: COMPRESSED GAS
Common Name: AIR, BREATHING: COMPRESSED GAS
Case Number: 132259-10-0

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0295978
Trade Secret: N
Hazardous Material Type: Pure

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Last Updated: 2021-12-11T02:30:42.000
Chemical Name: OXYGEN, O2, 99%, COMPRESSED GAS
Common Name: OXYGEN, O2, 99%, COMPRESSED GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0295979
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-12-11T02:30:42.000
Chemical Name: Trident 1102-30
Common Name: Boiler Treatment - Trident 1102-30
Case Number: Mixture

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264194
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-11T02:30:42.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264195
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-11T02:30:42.000
Chemical Name: WASTE 311 PHARMACEUTICAL WASTE
Common Name: WASTE 311 PHARMACEUTICAL WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264196
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-11T02:30:42.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: WASTE 221 WASTE OIL & MIXED OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264197
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-11T02:30:42.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS

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1000260910

Common Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264198
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-11T02:30:42.000
Chemical Name: WASTE 903 INF WST, TISSUE/ANAT. REMAINS
Common Name: PATHOLOGY WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264199
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-11T02:30:42.000
Chemical Name: WASTE 311 PHARMACEUTICAL WASTE
Common Name: Medical Waste Pharmaceutical Sharps
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264200
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-11T02:30:42.000
Chemical Name: WASTE 311 - Bulk Chemotherapy Waste
Common Name: WASTE 311 - Bulk Chemotherapy Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264201
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-11T02:30:42.000
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: SODA LIME/SODIUM HYDROXIDE
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264202
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-11T02:30:42.000
Chemical Name: Cell-Dyn WBC Reagent (Sapphire)
Common Name: Waste 141 - Sapphire Reagent
Case Number: Not reported

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Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264203
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-11T02:30:42.000
Chemical Name: Solvent Stain Waste
Common Name: Solvent Stain Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264204
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-11T02:30:42.000
Chemical Name: Formaldehyde
Common Name: Formaldehyde 10% solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264205
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-11T02:30:42.000
Chemical Name: WASTE 291 LATEX WASTE
Common Name: PAINT WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0123051
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-01-20T00:00:00.000
Chemical Name: OXYGEN, O2, 99%, LIQUIFIED COMPRESSED GAS
Common Name: OXYGEN, O2, 99%, LIQUIFIED COMPRESSED GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0123052
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-01-20T00:00:00.000
Chemical Name: 3504-30
Common Name: CONDENSATE TREATMENT, Trident Industries
Case Number: 110-91-8

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed

Map ID
Direction
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Elevation

MAP FINDINGS

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EDR ID Number
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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Active Permit: Y
Child Record Id: DEH2016-HCHEM-0123053
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-01-20T00:00:00.000
Chemical Name: NITROGEN LIQUID
Common Name: NITROGEN LIQUID
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0123054
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-01-20T00:00:00.000
Chemical Name: NITROUS OXIDE, N2O, 99% COMPRESSED GAS:
Common Name: NITROUS OXIDE, N2O, 99% COMPRESSED GAS:
Case Number: 10024-97-2

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0123055
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-01-20T00:00:00.000
Chemical Name: HEAVY DUTY DIESEL OIL
Common Name: Underground Storage Tank - Diesel
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0123056
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-01-20T00:00:00.000
Chemical Name: SODIUM HYPOCHLORITE
Common Name: CHLORINE SOLUTION
Case Number: 7681-52-9

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0123057
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-01-20T00:00:00.000
Chemical Name: TRIDENT 6060 POLYMALEIC ACID
Common Name: TRIDENT 6060 POLYMALEIC ACID
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0123058

Map ID
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MAP FINDINGS

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-01-20T00:00:00.000
Chemical Name: NITROGEN, N2, 99%, COMPRESSED GAS:
Common Name: NITROGEN, N2, 99%, COMPRESSED GAS:
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0123059
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-01-20T00:00:00.000
Chemical Name: AIR, BREATHING: COMPRESSED GAS
Common Name: AIR, BREATHING: COMPRESSED GAS
Case Number: 132259-10-0

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0123060
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-01-20T00:00:00.000
Chemical Name: OXYGEN, O2, 99%, COMPRESSED GAS
Common Name: OXYGEN, O2, 99%, COMPRESSED GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0123061
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-01-20T00:00:00.000
Chemical Name: Trident 1102-30
Common Name: Boiler Treatment - Trident 1102-30
Case Number: Mixture

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0123062
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-01-20T00:00:00.000
Chemical Name: Citgo No. 2 Diesel Low Sulfur
Common Name: Above Ground Diesel
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0102876
Trade Secret: N
Hazardous Material Type: Not reported

Map ID
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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Last Updated: 2017-01-20T00:00:00.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0102877
Trade Secret: N
Hazardous Material Type: Not reported

Last Updated: 2017-01-20T00:00:00.000
Chemical Name: WASTE 311 PHARMACEUTICAL WASTE
Common Name: WASTE 311 PHARMACEUTICAL WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0102878
Trade Secret: N
Hazardous Material Type: Not reported

Last Updated: 2017-01-20T00:00:00.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: WASTE 221 WASTE OIL & MIXED OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0102879
Trade Secret: N
Hazardous Material Type: Not reported

Last Updated: 2017-01-20T00:00:00.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0102880
Trade Secret: N
Hazardous Material Type: Not reported

Last Updated: 2017-01-20T00:00:00.000
Chemical Name: WASTE 903 INF WST, TISSUE/ANAT. REMAINS
Common Name: PATHOLOGY WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0102881
Trade Secret: N
Hazardous Material Type: Not reported

Last Updated: 2017-01-20T00:00:00.000
Chemical Name: WASTE 311 PHARMACEUTICAL WASTE

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

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Common Name: Medical Waste Pharmaceutical Sharps
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0102882
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-01-20T00:00:00.000
Chemical Name: WASTE 311 - Bulk Chemotherapy Waste
Common Name: WASTE 311 - Bulk Chemotherapy Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0102883
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-01-20T00:00:00.000
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: SODA LIME/SODIUM HYDROXIDE
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0102884
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-01-20T00:00:00.000
Chemical Name: Cell-Dyn WBC Reagent (Sapphire)
Common Name: Waste 141 - Sapphire Reagent
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0102885
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-01-20T00:00:00.000
Chemical Name: Solvent Stain Waste
Common Name: Solvent Stain Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0102886
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-01-20T00:00:00.000
Chemical Name: Formaldehyde
Common Name: Formaldehyde 10% solution
Case Number: Not reported

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Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0102887
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-01-20T00:00:00.000
Chemical Name: WASTE 291 LATEX WASTE
Common Name: PAINT WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0231354
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-01-30T01:00:50.000
Chemical Name: AIR, BREATHING: COMPRESSED GAS
Common Name: AIR, BREATHING: COMPRESSED GAS
Case Number: 132259-10-0

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0201263
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-30T01:00:56.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0201264
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-30T01:00:56.000
Chemical Name: WASTE 903 INF WST, TISSUE/ANAT. REMAINS
Common Name: PATHOLOGY WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0201265
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-30T01:00:56.000
Chemical Name: WASTE 311 PHARMACEUTICAL WASTE
Common Name: Medical Waste Pharmaceutical Sharps
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed

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Active Permit: Y
Child Record Id: DEH2019-HWAST-0201267
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-30T01:00:56.000
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: SODA LIME/SODIUM HYDROXIDE
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0267532
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-27T02:34:01.000
Chemical Name: AIR, BREATHING: COMPRESSED GAS
Common Name: AIR, BREATHING: COMPRESSED GAS
Case Number: 132259-10-0

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237930
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-27T02:34:01.000
Chemical Name: Cell-Dyn WBC Reagent (Sapphire)
Common Name: Waste 141 - Sapphire Reagent
Case Number: Not reported

Record ID: DEH2002-HUPFP-123181
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237935
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-27T02:34:01.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Case Number: Not reported

Name: SCRIPPS GREEN HOSPITAL
Address: 10666 N TORREY PINES RD
City,State,Zip: LA JOLLA, CA 92037
Permit Number: 123181
Business Type: 6HK65
EPA Id Number: CAR000001065
APN: 340-190-08-00
Last HMMD Inspection: 11/01/2011
Facility Telephone: 858-455-9100
Permit Status: OPEN
Permit Expiration: 11/30/2012
Date Last Updated: 11/02/2012
Facility Owner: SCRIPPS GREEN HOSPITAL
Facility Mailing Address: 10666 N TORREY PINES RD, MS#124

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Facility Mailing City: LA JOLLA
Facility Mailing State: CA
Facility Mailing Zip: 92037-1027
UST Owner: SCRIPPS HEALTH
Handle Regulated Hazmat: Y
Own Or Operate UST: Y
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 123181
Update Date: 11/02/2012
Case Number: Not reported
Name: 1102-30
Other Information: BOILER TREATMENT
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 123181
Update Date: 11/02/2012
Case Number: Not reported
Name: 3504-30
Other Information: CONDENSATE TREATMENT
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 123181
Update Date: 11/02/2012
Case Number: MIXTURE
Name: AIR, BREATHING: COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 123181
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE, CO2, 99%, COMPRESSED GAS:
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 123181
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 123181

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Update Date: 11/02/2012
Case Number: Not reported
Name: COMPRESSED GAS
Other Information: (MIXED)
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 123181
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL FUEL
Other Information: UNDERGROUND TANK 123181 T001
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 123181
Update Date: 11/02/2012
Case Number: 7440-59-7
Name: HELIUM, HE, 99%, COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 123181
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 123181
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN, N2, 99%, COMPRESSED GAS:
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 123181
Update Date: 11/02/2012
Case Number: 10024-97-2
Name: NITROUS OXIDE, N2O, 99% COMPRESSED GAS:
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 123181
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN, O2, 99%, COMPRESSED GAS

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Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 123181
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN, O2, 99%, LIQUIFIED COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 123181
Update Date: 11/02/2012
Case Number: Not reported
Name: SAE 30 OIL
Other Information: HEAVY DUTY DIESEL OIL
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 123181
Update Date: 11/02/2012
Case Number: 7681-52-9
Name: SODIUM HYPOCHLORITE
Other Information: CHLORINE SOLUTION
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 123181
Update Date: 11/02/2012
Case Number: Not reported
Name: TRIDENT 6060 POLYMALEIC ACID
Other Information: 6060
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 123181
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information: BULK CHEMOTHERAPY WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 123181
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: SODA LIME/SODIUM HYDROXIDE
Material Waste: Waste
Hazardous Categories 1: Not reported

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1000260910

Hazardous Categories 2: Not reported

Permit Number: 123181
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: WASTE LEAD SCRCP
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 123181
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 212 OXYGENATED SOLVENTS
Other Information: ACETONE/METHANOL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 123181
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 213 HYDROCARBON SOLVENTS
Other Information: XYLENE, ACETIC ACID
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 123181
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 123181
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 311 PHARMACEUTICAL WASTE
Other Information: (EXPIRED MEDS PHARMA SHARPS)
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 123181
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 311 PHARMACEUTICAL WASTE
Other Information: WASTE AEROSOL CANS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 123181

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: DEBRIS WITH PHENOL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 123181
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: MERCURIC CHLORIDE/FECAL W
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 123181
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: MERCURY WST,ACIDS,ALKALIS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 123181
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 123181
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 123181
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 903 INF WST,TISSUE/ANAT. REMAINS
Other Information: PATHOLOGY WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 123181
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 904 INFECTIOUS WST,CHEMOTHERAPY

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1000260910

Other Information: TRACE CHEMOTHERAPY WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 123181
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 905 INFECTIOUS WASTE, LAB
Other Information: CULTURE PLATES
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 09/27/2005
Violation Code: 6HV1003
Violation: HMBP NOT AMENDED W/IN 30 DAYS
Violation Citation: Business plan was not amended within 30 days for a 100% quantity increase, new disclosable materials or a change in business info. HSC 25505
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 01/09/2008
Violation Code: 6HV1017
Violation: HMBP NOT CERTIFIED ANNUALLY
Violation Citation: Business Plan not certified annually. 25505(d) & (e)(2)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 01/09/2008
Violation Code: 6HV0221
Violation: DID NOT COMPLY W/SATELLITE REGS.
Violation Citation: Failed to comply with satellite regulations. 66262.34(e)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 01/09/2008
Violation Code: 6HV0225
Violation: ACCUMULATED HW>180 OR >270 DAYS
Violation Citation: Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 01/09/2008
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 01/09/2008
Violation Code: 6HV4204
Violation: WARNING SIGN NOT POSTED
Violation Citation: MW designated accumulation area not posted with an approved and legible biohazardous waste "warning sign" in English and Spanish. 118310

Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 01/09/2008
Violation Code: 6HV4209
Violation: NO GENERATOR'S INFO ON RED BAGS/SHARPS
Violation Citation: Red bags, sharps containers not labeled with generator's name, address, and phone number. 68.1205

Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 01/09/2008
Violation Code: 6HV4212
Violation: RED BAGS NOT CONTAINERIZED
Violation Citation: Did not containerize and place red bags in rigid, leak resistant, and covered containers or bins. 118280(b)

Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 01/09/2008
Violation Code: 6HV4213
Violation: NO LABEL: LIDS/SIDES OF CONTAINER
Violation Citation: Did not label waste container/bin on the lid and side so as to be clearly visible. 118280(b)

Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 01/09/2008
Violation Code: 6HV4307
Violation: SQG:RED BAGS > 7 DAYS AT >0C ROOM TEMP
Violation Citation: Storage time exceeded for red bag waste, stored greater than 7 days at greater than 0C room temperature (for generators of >20 pounds/month). 118280(d)(1)(A)

Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 01/09/2008
Violation Code: 6HV3161
Violation: NO MONITOR CERT TO CUPA W/I 30 DAYS
Violation Citation: Monitoring Certification not submitted to CUPA within 30 days of inspection. 2638(d)

Activity: ACTIVE

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

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Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 03/10/2008
Violation Code: 6HV4202
Violation: MED WASTE NO SEGREGATED AT POINT OF ORIG
Violation Citation: Medical waste was not separated from other waste at the point of origin. 118275
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 03/10/2008
Violation Code: 6HV4210
Violation: MED WASTE NOT IN RED BAGS
Violation Citation: Generator did not store medical waste in approved and properly marked red bags (non-sharps). 118275
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 03/10/2008
Violation Code: 6HV4251
Violation: IMPROPER TREATMENT OF MEDWASTE
Violation Citation: Improper treatment of medical waste using an unapproved method or procedure. 118215
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 03/10/2008
Violation Code: 6HV4259
Violation: ILLEGAL DISPOSAL OF MED WASTE
Violation Citation: Unlawful disposal of untreated medical waste to an unauthorized point. 118340
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 03/10/2008
Violation Code: 6HV4260
Violation: TRANSPORT: NO LQHE/REGISTRATION
Violation Citation: Transportation of medical waste without State Hauler Registration or without a limited-quantity hauling exemption from County HMMD. 118025
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 03/10/2008
Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE
Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200(c)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 03/10/2008

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

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Violation Code: 6HV0301
Violation: HAZWASTE:UNAUTHORIZED DISPOSAL
Violation Citation: Disposal or causing the disposal of hazardous waste to an unauthorized point (ground, storm drain, sewer system, trash, or air). HSC 25189.5(a) or 25189(d)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 03/10/2008
Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE
Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200(c)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 02/18/2003
Violation Code: 6HV4213
Violation: NO LABEL: LIDS/SIDES OF CONTAINER
Violation Citation: Did not label waste container/bin on the lid and side so as to be clearly visible. 118280(b)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 02/18/2003
Violation Code: 6HV4354
Violation: LQG: SHARPS >7 DAYS AT ROOM TEMPERATURE
Violation Citation: Storage time exceeded for full sharps container(s), e.g. greater than 7 days at room temperature. 118285
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 02/18/2003
Violation Code: 6HV4355
Violation: LQG: RED BAGS >7 DAYS AT ROOM TEMPERATUR
Violation Citation: Storage time exceeded for red bag waste, e.g. more than 7 days at room temperature. 118280
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 02/18/2003
Violation Code: 6HV0201
Violation: WASTE CONTAINER NOT CLOSED
Violation Citation: Hazardous waste containers are not kept closed while in storage. CCR 66265.173(a)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 02/18/2003
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

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Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)

Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 02/18/2003

Violation Code: 6HV0210
Violation: DID NOT CLEAN SPILL TO FLOOR

Violation Citation: Failure to clean up hazardous waste off of floor surface. 66262.10b

Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 02/18/2003

Violation Code: 6HV0301
Violation: HAZWASTE:UNAUTHORIZED DISPOSAL

Violation Citation: Disposal or causing the disposal of hazardous waste to an unauthorized point (ground, storm drain, sewer system, trash, or air). HSC 25189.5(a) or 25189(d)

Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 11/23/2009

Violation Code: 6HV0201
Violation: WASTE CONTAINER NOT CLOSED

Violation Citation: Hazardous waste containers are not kept closed while in storage. CCR 66265.173(a)

Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 11/23/2009

Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS

Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)

Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 11/23/2009

Violation Code: 6HV0414
Violation: DID NOT TRAIN EMPLOYEES ANNUALLY

Violation Citation: Failed to train employees annually. 66265.16(c)

Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 11/23/2009

Violation Code: 6HV0401
Violation: TRAINING RECORDS UNAVAILABLE

Violation Citation: Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

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66265.16(d)&(e)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 11/23/2009
Violation Code: 6HV1014
Violation: HMBP INCOMPLETE/NOT AMENDED
Violation Citation: HMBP is incomplete/inadequate/not amended to reflect changes. 25504, 25505(a)(2) &/or 25509(a); 25505(b); 19 CCR 2729
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 11/23/2009
Violation Code: 6HV4212
Violation: RED BAGS NOT CONTAINERIZED
Violation Citation: Did not containerize and place red bags in rigid, leak resistant, and covered containers or bins. 118280(b)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 11/23/2009
Violation Code: 6HV4213
Violation: NO LABEL: LIDS/SIDES OF CONTAINER
Violation Citation: Did not label waste container/bin on the lid and side so as to be clearly visible. 118280(b)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 11/23/2009
Violation Code: 6HV4412
Violation: PATH WASTE NOT PROPERLY LABELED
Violation Citation: Generator did not properly label container holding pathology waste with the words -pathology waste- or other approved markings on the lid and side. 118275(f)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 11/23/2009
Violation Code: 6HV4351
Violation: LQG:MWMP NOT SUBMITTED TO HMD
Violation Citation: Medical Waste Management Plan has not been submitted to County HMD (Initial Submission/updates)(LQG). 117960, 117970
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 09/27/2005
Violation Code: 6HV0133
Violation: MANIFEST COPY NOT SENT TO DTSC
Violation Citation: Generator of hazardous waste has not sent the appropriate copy of the manifest to DTSC/Cal-EPA. CCR 66262.23(a)(4)
Activity: ACTIVE

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Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 09/27/2005
Violation Code: 6HV0201
Violation: WASTE CONTAINER NOT CLOSED
Violation Citation: Hazardous waste containers are not kept closed while in storage. CCR 66265.173(a)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 09/27/2005
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 05/16/2008
Violation Code: 6HV4202
Violation: MED WASTE NO SEGREGATED AT POINT OF ORIG
Violation Citation: Medical waste was not separated from other waste at the point of origin. 118275
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 05/16/2008
Violation Code: 6HV4210
Violation: MED WASTE NOT IN RED BAGS
Violation Citation: Generator did not store medical waste in approved and properly marked red bags (non-sharps). 118275
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 05/16/2008
Violation Code: 6HV4251
Violation: IMPROPER TREATMENT OF MEDWASTE
Violation Citation: Improper treatment of medical waste using an unapproved method or procedure. 118215
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 05/16/2008
Violation Code: 6HV4259
Violation: ILLEGAL DISPOSAL OF MED WASTE
Violation Citation: Unlawful disposal of untreated medical waste to an unauthorized point. 118340
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Inspection Date: 05/16/2008
Violation Code: 6HV4260
Violation: TRANSPORT: NO LQHE/REGISTRATION
Violation Citation: Transportation of medical waste without State Hauler Registration or without a limited-quantity hauling exemption from County HMMD. 118025
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 05/16/2008
Violation Code: 6HV4421
Violation: PHARM WASTE NOT SEGREGATED
Violation Citation: Generator did not segregate pharmaceutical waste from other medical waste. 118275(g)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 05/16/2008
Violation Code: 6HV4432
Violation: ILLEGAL DISPOSAL OF PHARM WASTE
Violation Citation: Illegal disposal of pharmaceutical waste to an unauthorized point. 118340 and 118222(b)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 05/16/2008
Violation Code: 6HV0301
Violation: HAZWASTE:UNAUTHORIZED DISPOSAL
Violation Citation: Disposal or causing the disposal of hazardous waste to an unauthorized point (ground, storm drain, sewer system, trash, or air). HSC 25189.5(a) or 25189(d)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 05/16/2008
Violation Code: 6HV0301
Violation: HAZWASTE:UNAUTHORIZED DISPOSAL
Violation Citation: Disposal or causing the disposal of hazardous waste to an unauthorized point (ground, storm drain, sewer system, trash, or air). HSC 25189.5(a) or 25189(d)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 05/21/2008
Violation Code: 6HV4202
Violation: MED WASTE NO SEGREGATED AT POINT OF ORIG
Violation Citation: Medical waste was not separated from other waste at the point of origin. 118275
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 05/21/2008

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Violation Code: 6HV4207
Violation: SHARPS IMPROPERLY CONTAINED
Violation Citation: Generator did not store sharps waste in approved and properly marked sharps container. 118285(a)(d)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 05/21/2008
Violation Code: 6HV4210
Violation: MED WASTE NOT IN RED BAGS
Violation Citation: Generator did not store medical waste in approved and properly marked red bags (non-sharps). 118275
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 05/21/2008
Violation Code: 6HV4260
Violation: TRANSPORT: NO LQHE/REGISTRATION
Violation Citation: Transportation of medical waste without State Hauler Registration or without a limited-quantity hauling exemption from County HMMD. 118025
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 05/21/2008
Violation Code: 6HV4421
Violation: PHARM WASTE NOT SEGREGATED
Violation Citation: Generator did not segregate pharmaceutical waste from other medical waste. 118275(g)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 05/21/2008
Violation Code: 6HV4422
Violation: PHARM WASTE NOT PROPERLY LABELED
Violation Citation: Generator did not properly label container holding pharmaceutical waste with the words -incineration only- or other approved markings on the lid and side. 118275(g)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 05/21/2008
Violation Code: 6HV4432
Violation: ILLEGAL DISPOSAL OF PHARM WASTE
Violation Citation: Illegal disposal of pharmaceutical waste to an unauthorized point. 118340 and 118222(b)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 05/21/2008
Violation Code: 6HV0301
Violation: HAZWASTE:UNAUTHORIZED DISPOSAL

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Violation Citation: Disposal or causing the disposal of hazardous waste to an unauthorized point (ground, storm drain, sewer system, trash, or air). HSC 25189.5(a) or 25189(d)

Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 05/21/2008

Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE

Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200(c)

Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 10/06/2006

Violation Code: 6HV0133
Violation: MANIFEST COPY NOT SENT TO DTSC

Violation Citation: Generator of hazardous waste has not sent the appropriate copy of the manifest to DTSC/Cal-EPA. CCR 66262.23(a)(4)

Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 10/06/2006

Violation Code: 6HV0146
Violation: NO ERM EXEMPTION CLAIM DOCUMENTS

Violation Citation: Failed to have adequate records demonstrating claim of exemption for Excluded Recyclable Material (ERM). 25143.2(f) & 66261.2(g)

Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 10/06/2006

Violation Code: 6HV0225
Violation: ACCUMULATED HW>180 OR >270 DAYS

Violation Citation: Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]

Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 10/06/2006

Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE

Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)

Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 10/06/2006

Violation Code: 6HV0228
Violation: CONTAINER NOT KEPT CLOSED

Violation Citation: Failed to keep container closed. CFR 265.173

Activity: ACTIVE

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 10/06/2006
Violation Code: 6HV4204
Violation: WARNING SIGN NOT POSTED
Violation Citation: MW designated accumulation area not posted with an approved and legible biohazardous waste "warning sign" in English and Spanish. 118310
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 10/06/2006
Violation Code: 6HV3257
Violation: 2NDRY CONTAINMENT NOT LIQUID FREE
Violation Citation: Secondary containment system components not liquid free. 2631(d)(4)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 10/06/2006
Violation Code: 6HV3258
Violation: SENSORS NOT AT LOW POINT OR ADEQUATELY
Violation Citation: Sensors not placed adequately and/or at low point in sumps. 2641(a), 25291(a)(7)(C)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 11/09/2010
Violation Code: 6HV4202
Violation: MED WASTE NO SEGREGATED AT POINT OF ORIG
Violation Citation: Medical waste was not separated from other waste at the point of origin. 118275
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 11/09/2010
Violation Code: 6HV4209
Violation: NO GENERATOR'S INFO ON RED BAGS/SHARPS
Violation Citation: Red bags, sharps containers not labeled with generator's name, address, and phone number. 68.1205
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 11/09/2010
Violation Code: 6HV4211
Violation: RED BAGS NOT TIED OFF
Violation Citation: Red bags not tied-off to prevent leakage or expulsion of contents during handling and storage. 118280(a)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 11/09/2010

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Violation Code: 6HV4352
Violation: LQG:NO DOC OF MW TREATMENT FOR 3 YRS
Violation Citation: Did not maintain and show proof of onsite medical waste treatment records for 3 years (LQG). 117975, 118215(2)(E)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 10/11/2010
Violation Code: 6HV4207
Violation: SHARPS IMPROPERLY CONTAINED
Violation Citation: Generator did not store sharps waste in approved and properly marked sharps container. 118285(a)(d)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 10/11/2010
Violation Code: 6HV4209
Violation: NO GENERATOR'S INFO ON RED BAGS/SHARPS
Violation Citation: Red bags, sharps containers not labeled with generator's name, address, and phone number. 68.1205
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 10/11/2010
Violation Code: 6HV4210
Violation: MED WASTE NOT IN RED BAGS
Violation Citation: Generator did not store medical waste in approved and properly marked red bags (non-sharps). 118275
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 10/11/2010
Violation Code: 6HV4412
Violation: PATH WASTE NOT PROPERLY LABELED
Violation Citation: Generator did not properly label container holding pathology waste with the words -pathology waste- or other approved markings on the lid and side. 118275(f)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 10/11/2010
Violation Code: 6HV0150
Violation: BIENNIAL REPORT NOT COMPLETED/AVAILABLE
Violation Citation: Failed to complete Biennial Report (RCRA LQG only). 66262.41(b) {keep copy per 66262.40(b)}
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 10/11/2010
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)

Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 10/11/2010

Violation Code: 6HV0205
Violation: WASTE CONTAINER: POOR CONDITION

Violation Citation: Failed to transfer hazardous waste from a container that leaked or was in poor condition to another container in good condition. CCR 66265.171

Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 10/11/2010

Violation Code: 6HV0235
Violation: WASTE NOT ACCUMULATED IN CONTAINER/TANK

Violation Citation: Did not accumulate waste in container or tank. 66262.34(a)(1)

Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 10/11/2010

Violation Code: 6HV0301
Violation: HAZWASTE:UNAUTHORIZED DISPOSAL

Violation Citation: Disposal or causing the disposal of hazardous waste to an unauthorized point (ground, storm drain, sewer system, trash, or air). HSC 25189.5(a) or 25189(d)

Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 10/11/2010

Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE

Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200(c)

Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 05/25/2004

Violation Code: 6HV4204
Violation: WARNING SIGN NOT POSTED

Violation Citation: MW designated accumulation area not posted with an approved and legible biohazardous waste "warning sign" in English and Spanish. 118310

Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 05/25/2004

Violation Code: 6HV4208
Violation: SHARPS CONTAINER: NO TAPED SHUT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Violation Citation: Full sharps container ready for disposal not taped closed or tightly-lidded to preclude loss of contents. 118285(b)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 05/25/2004
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 05/25/2004
Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE
Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200(c)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 05/25/2004
Violation Code: 6HV3105
Violation: NO CURRENT FINANCIAL RESPONSIBILITY
Violation Citation: Current evidence of financial responsibility not available. 25292.2(a), 25299.33; 2809
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 05/25/2004
Violation Code: 6HV3157
Violation: EQUIP. TAMPERING/RECORD FALSIFICATION
Violation Citation: Monitoring system disabled or tampered with and/or monitoring records falsified. 25299(f)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 05/25/2004
Violation Code: 6HV3251
Violation: MONITOR IN ALARM AT START OF INSPECTION
Violation Citation: Monitor in alarm at beginning of inspection. Alarm not investigated, recorded or reported. 2632 (c)(2)(B), 2650(e)(3)&(4), 2630(d)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 05/25/2004
Violation Code: 6HV3257
Violation: 2NDRY CONTAINMENT NOT LIQUID FREE
Violation Citation: Secondary containment system components not liquid free. 2631(d)(4)
Activity: ACTIVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 11/01/2011
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 11/01/2011
Violation Code: 6HV0209
Violation: WASTE ONSITE >90/180/270 DAYS
Violation Citation: Hazardous waste is stored in excess of allowable time period (90 days) without a State permit or written variance. CCR 25201(a) & 66262.34(a)&(c)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 11/01/2011
Violation Code: 6HV4202
Violation: MED WASTE NO SEGREGATED AT POINT OF ORIG
Violation Citation: Medical waste was not separated from other waste at the point of origin. 118275
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 11/01/2011
Violation Code: 6HV4209
Violation: NO GENERATOR'S INFO ON RED BAGS/SHARPS
Violation Citation: Red bags, sharps containers not labeled with generator's name, address, and phone number. 68.1205
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 11/01/2011
Violation Code: 6HV4213
Violation: NO LABEL: LIDS/SIDES OF CONTAINER
Violation Citation: Did not label waste container/bin on the lid and side so as to be clearly visible. 118280(b)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 11/01/2011
Violation Code: 6HV4402
Violation: CHEMOWASTE NOT PROPERLY LABELED
Violation Citation: Generator did not properly label container holding chemotherapy waste with the words -chemotherapy waste- or other approved markings on the lid and sides. 118275(e)
Activity: ACTIVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

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Database(s)
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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 05/16/2003
Violation Code: 6HV3255
Violation: SPILL CONTAIN. NOT DRY/IN GOOD CONDITION
Violation Citation: Spill container is not in good condition and/or liquid free.
2635(b)(1), 2636(a)(1)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 05/16/2003
Violation Code: 6HV3257
Violation: 2NDRY CONTAINMENT NOT LIQUID FREE
Violation Citation: Secondary containment system components not liquid free. 2631(d)(4)
Activity: ACTIVE

Permit Number: 123181
Update Date: 11/02/2012
Inspection Date: 05/16/2003
Violation Code: 6HV3258
Violation: SENSORS NOT AT LOW POINT OR ADEQUATELY
Violation Citation: Sensors not placed adequately and/or at low point in sumps. 2641(a),
25291(a)(7)(C)
Activity: ACTIVE

UST:

UST Name: UNDERGROUND TANK 123181 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 123181
Tank Type: DOUBLE WALL
Additional Id: NTO805-6
Capacity Gallons: 20000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: Not reported
Pipe Type: DOUBLE WALL
Delivery System: SUCTION
Monitor Code: 21
UST Monitor Method: DW TANK DW SUCTION AND/ OR GRAVITY PIPING WITH INTERSTITIAL
MONITORS: INTERSTITIAL

CERS HAZ WASTE:

Name: SCRIPPS GREEN HOSPITAL
Address: 10666 N TORREY PINES RD
City,State,Zip: LA JOLLA, CA 92037
Site ID: 151814
CERS ID: 10152851
CERS Description: RCRA LQ HW Generator

Name: SCRIPPS GREEN HOSPITAL
Address: 10666 N TORREY PINES RD
City,State,Zip: LA JOLLA, CA 92037

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Site ID: 151814
CERS ID: 10152851
CERS Description: Hazardous Waste Generator

SWEEPS UST:

Name: SCRIPPS CLINIC & RESEARCH
Address: 10666 N TORREY PINES RD
City: LA JOLLA
Status: Not reported
Comp Number: 14290
Number: Not reported
Board Of Equalization: 44-022863
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-014290-000001
Tank Status: Not reported
Capacity: 25000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: OTHER
Number Of Tanks: 3

Name: SCRIPPS CLINIC & RESEARCH
Address: 10666 N TORREY PINES RD
City: LA JOLLA
Status: Not reported
Comp Number: 14290
Number: Not reported
Board Of Equalization: 44-022863
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-014290-000002
Tank Status: Not reported
Capacity: 25000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: OTHER
Number Of Tanks: Not reported

Name: SCRIPPS CLINIC & RESEARCH
Address: 10666 N TORREY PINES RD
City: LA JOLLA
Status: Not reported
Comp Number: 14290
Number: Not reported
Board Of Equalization: 44-022863
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-014290-000003

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Tank Status: Not reported
Capacity: 25000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: OTHER
Number Of Tanks: Not reported

Name: SCRIPPS CLINIC & RESEARCH
Address: 10666 N TORREY PINES RD
City: LA JOLLA
Status: Active
Comp Number: 14290
Number: 9
Board Of Equalization: 44-022863
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-014290-000004
Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: OTHER
Number Of Tanks: 3

Name: SCRIPPS CLINIC & RESEARCH
Address: 10666 N TORREY PINES RD
City: LA JOLLA
Status: Active
Comp Number: 14290
Number: 9
Board Of Equalization: 44-022863
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-014290-000005
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: OTHER
Number Of Tanks: Not reported

Name: SCRIPPS CLINIC & RESEARCH
Address: 10666 N TORREY PINES RD
City: LA JOLLA
Status: Active
Comp Number: 14290
Number: 9
Board Of Equalization: 44-022863
Referral Date: Not reported
Action Date: 06-26-92

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-014290-000006
Tank Status: A
Capacity: 20000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: OTHER
Number Of Tanks: Not reported

HIST UST:

Name: SCRIPPS CLINIC AND RESEARCH FOUN
Address: 10666 N TORREY PINES RD
City,State,Zip: LA JOLLA, CA 92037
File Number: 0002F2C4
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F2C4.pdf>
Region: STATE
Facility ID: 00000049851
Facility Type: Other
Other Type: HEALTH CLINIC
Contact Name: Not reported
Telephone: 6194558755
Owner Name: SCRIPPS CLINIC & RESEARCH FOUN
Owner Address: 10666 N. TORREY PINES RD.
Owner City,St,Zip: LA JOLLA, CA 92037
Total Tanks: 0004

Tank Num: 001
Container Num: 10
Year Installed: 1975
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 4
Leak Detection: None

Tank Num: 001
Container Num: 10
Year Installed: 1975
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 4
Leak Detection: None

Tank Num: 001
Container Num: 1 (EAST)
Year Installed: 1976
Tank Capacity: 00025000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 3/8"
Leak Detection: Visual, Stock Inventor

Tank Num: 001
Container Num: 1 (EAST)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Year Installed: 1976
Tank Capacity: 00025000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 3/8"
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: 2 (CENTER)
Year Installed: 1976
Tank Capacity: 00025000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 3/8"
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: 11
Year Installed: 1983
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 4
Leak Detection: None

Tank Num: 002
Container Num: 2 (CENTER)
Year Installed: 1976
Tank Capacity: 00025000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 3/8"
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: 11
Year Installed: 1983
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 4
Leak Detection: None

Tank Num: 003
Container Num: 12
Year Installed: 1983
Tank Capacity: 00001276
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 5
Leak Detection: None

Tank Num: 003
Container Num: 12
Year Installed: 1983
Tank Capacity: 00001276
Tank Used for: WASTE

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Type of Fuel: Not reported
Container Construction Thickness: 5
Leak Detection: None

Tank Num: 003
Container Num: 3 (WEST)
Year Installed: 1976
Tank Capacity: 00025000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 3/8"
Leak Detection: Visual, Stock Inventor

Tank Num: 003
Container Num: 3 (WEST)
Year Installed: 1976
Tank Capacity: 00025000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 3/8"
Leak Detection: Visual, Stock Inventor

Tank Num: 004
Container Num: 4 (EAST)
Year Installed: 1980
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 4 (EAST)
Year Installed: 1980
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 13
Year Installed: 1984
Tank Capacity: 00002400
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 5
Leak Detection: None

Tank Num: 004
Container Num: 13
Year Installed: 1984
Tank Capacity: 00002400
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 5
Leak Detection: None

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Tank Num: 005
Container Num: 5 (WEST)
Year Installed: 1980
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 005
Container Num: 5 (WEST)
Year Installed: 1980
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

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CERS TANKS:

Name: SCRIPPS GREEN HOSPITAL
Address: 10666 N TORREY PINES RD
City,State,Zip: LA JOLLA, CA 92037
Site ID: 151814
CERS ID: 10152851
CERS Description: Underground Storage Tank

Name: SCRIPPS GREEN HOSPITAL
Address: 10666 N TORREY PINES RD
City,State,Zip: LA JOLLA, CA 92037
Site ID: 151814
CERS ID: 10152851
CERS Description: Aboveground Petroleum Storage

EMI:

Name: SCRIPPS CLINIC/RESEARCH FOUND
Address: 10666 TORREY PINES RD N
City,State,Zip: LA JOLLA, CA 92037
Year: 1995
County Code: 37
Air Basin: SD
Facility ID: 2395
Air District Name: SD
SIC Code: 8062
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 2
NOX - Oxides of Nitrogen Tons/Yr: 10
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers and Smllr Tons/Yr:1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Name: SCRIPPS CLINIC/RESEARCH FOUND
Address: 10666 TORREY PINES RD N
City,State,Zip: LA JOLLA, CA 92037
Year: 1996
County Code: 37
Air Basin: SD
Facility ID: 2395
Air District Name: SD
SIC Code: 8062
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 2
NOX - Oxides of Nitrogen Tons/Yr: 10
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers and Smllr Tons/Yr:1

Name: SCRIPPS CLINIC/RESEARCH FOUND
Address: 10666 TORREY PINES RD N
City,State,Zip: LA JOLLA, CA 92037
Year: 1997
County Code: 37
Air Basin: SD
Facility ID: 2395
Air District Name: SD
SIC Code: 8062
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 2
NOX - Oxides of Nitrogen Tons/Yr: 10
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers and Smllr Tons/Yr:1

Name: SCRIPPS CLINIC
Address: 10666 TORREY PINES RD N
City,State,Zip: LA JOLLA, CA 92037
Year: 2000
County Code: 37
Air Basin: SD
Facility ID: 2395
Air District Name: SD
SIC Code: 8062
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 21
NOX - Oxides of Nitrogen Tons/Yr: 5
SOX - Oxides of Sulphur Tons/Yr: 0

Map ID
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MAP FINDINGS

Site

Database(s)
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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: SCRIPPS CLINIC
Address: 10666 TORREY PINES RD N
City,State,Zip: LA JOLLA, CA 92037
Year: 2001
County Code: 37
Air Basin: SD
Facility ID: 2395
Air District Name: SD
SIC Code: 8062
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Y
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 21
NOX - Oxides of Nitrogen Tons/Yr: 5
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: SCRIPPS CLINIC
Address: 10666 TORREY PINES RD N
City,State,Zip: LA JOLLA, CA 92037
Year: 2002
County Code: 37
Air Basin: SD
Facility ID: 2395
Air District Name: SD
SIC Code: 8062
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Y
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 21
NOX - Oxides of Nitrogen Tons/Yr: 5
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: SCRIPPS CLINIC
Address: 10666 TORREY PINES RD N
City,State,Zip: LA JOLLA, CA 92037
Year: 2003
County Code: 37
Air Basin: SD
Facility ID: 2395
Air District Name: SD
SIC Code: 8062
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0

Map ID
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MAP FINDINGS

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THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Carbon Monoxide Emissions Tons/Yr: 21
NOX - Oxides of Nitrogen Tons/Yr: 5
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: SCRIPPS CLINIC
Address: 10666 TORREY PINES RD N
City,State,Zip: LA JOLLA, CA 92037
Year: 2004
County Code: 37
Air Basin: SD
Facility ID: 2395
Air District Name: SD
SIC Code: 8062
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Y
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.38696829
Reactive Organic Gases Tons/Yr: 0.33391639
Carbon Monoxide Emissions Tons/Yr: 21.0501352
NOX - Oxides of Nitrogen Tons/Yr: 5.14457624
SOX - Oxides of Sulphur Tons/Yr: 0.039817
Particulate Matter Tons/Yr: 0.45476683
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.45379953

Name: SCRIPPS MEMORIAL GREEN HOSPITAL
Address: 10666 TORREY PINES RD N
City,State,Zip: LA JOLLA, CA 92037
Year: 2006
County Code: 37
Air Basin: SD
Facility ID: 2395
Air District Name: SD
SIC Code: 8062
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .198631
Reactive Organic Gases Tons/Yr: .09763
Carbon Monoxide Emissions Tons/Yr: 1.62
NOX - Oxides of Nitrogen Tons/Yr: 1.21
SOX - Oxides of Sulphur Tons/Yr: .016046
Particulate Matter Tons/Yr: .136685
Part. Matter 10 Micrometers and Smllr Tons/Yr: .135495

Name: SCRIPPS MEMORIAL GREEN HOSPITAL
Address: 10666 TORREY PINES RD N
City,State,Zip: LA JOLLA, CA
Year: 2007
County Code: 37
Air Basin: SD
Facility ID: 2395
Air District Name: SD
SIC Code: 8062
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .19864
Reactive Organic Gases Tons/Yr: .09764
Carbon Monoxide Emissions Tons/Yr: 1.62
NOX - Oxides of Nitrogen Tons/Yr: 1.21
SOX - Oxides of Sulphur Tons/Yr: .01606
Particulate Matter Tons/Yr: .13668
Part. Matter 10 Micrometers and Smllr Tons/Yr.:1355

Name: SCRIPPS MEMORIAL GREEN HOSPITAL
Address: 10666 TORREY PINES RD N
City,State,Zip: LA JOLLA, CA 92037
Year: 2008
County Code: 37
Air Basin: SD
Facility ID: 2395
Air District Name: SD
SIC Code: 8062
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .19864
Reactive Organic Gases Tons/Yr: .09764
Carbon Monoxide Emissions Tons/Yr: 1.62
NOX - Oxides of Nitrogen Tons/Yr: 1.21
SOX - Oxides of Sulphur Tons/Yr: .01606
Particulate Matter Tons/Yr: .13668
Part. Matter 10 Micrometers and Smllr Tons/Yr.:1355

Name: SCRIPPS MEMORIAL GREEN HOSPITAL
Address: 10666 TORREY PINES RD N
City,State,Zip: LA JOLLA, CA 92037
Year: 2009
County Code: 37
Air Basin: SD
Facility ID: 2395
Air District Name: SD
SIC Code: 8062
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.198640000000000001
Reactive Organic Gases Tons/Yr: 9.76400000000000005E-2
Carbon Monoxide Emissions Tons/Yr: 1.62000000000000001
NOX - Oxides of Nitrogen Tons/Yr: 1.21
SOX - Oxides of Sulphur Tons/Yr: 1.60600000000000001E-2
Particulate Matter Tons/Yr: 0.13668
Part. Matter 10 Micrometers and Smllr Tons/Yr.:0.13550000000000001

NY MANIFEST:

Name: SCRIPPS RESEARCH INSTITUTE
Address: 10666 N TORREY PINES ROAD
City,State,Zip: LA JOLLA, CA 92037-0000
Country: USA
EPA ID: CAD000057109
Facility Status: Not reported
Location Address 1: HHYHQ36006394

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: LA JOLLA
Location State: CA
Location Zip: 92037
Location Zip 4: Not reported

NY MANIFEST:

EPAID: CAD000057109
Mailing Name: SCRIPPS RESEARCH INSTITUTE
Mailing Contact: VEANCE K KEKOA
Mailing Address 1: 10666 N TORREY PINES RD
Mailing Address 2: Not reported
Mailing City: LA JOLLA
Mailing State: CA
Mailing Zip: 92037
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 6195548240

CERS:

Name: SCRIPPS GREEN HOSPITAL
Address: 10666 N TORREY PINES RD
City,State,Zip: LA JOLLA, CA 92037
Site ID: 151814
CERS ID: 10152851
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 151814
Site Name: Scripps Green Hospital
Violation Date: 11-01-2013
Citation: HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Description: Failure to review, revise, and recertify the business plan at least once every three years.
Violation Notes: Not reported
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 151814
Site Name: Scripps Green Hospital
Violation Date: 10-30-2014
Citation: HSC 6.95 25508.1(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(f)
Violation Description: Failure to electronically update the business plan within 30 days of a substantial change.
Violation Notes: Returned to compliance on 05/15/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 151814
Site Name: Scripps Green Hospital
Violation Date: 11-01-2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Citation: 19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5
Violation Description: Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1.
Violation Notes: Returned to compliance on 11/29/2013. Inspection Sequence ID:4835086
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 151814
Site Name: Scripps Green Hospital
Violation Date: 11-01-2013
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure of the spill bucket to have a minimum capacity of five gallons.
Violation Notes: Returned to compliance on 01/14/2014.
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 151814
Site Name: Scripps Green Hospital
Violation Date: 11-01-2013
Citation: HSC 6.95 25504(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(a)
Violation Description: Failure to complete and/or submit hazardous material inventory forms for all reportable hazardous materials on site.
Violation Notes: Returned to compliance on 11/29/2013. Inspection Sequence ID:4835086
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 151814
Site Name: Scripps Green Hospital
Violation Date: 11-16-2009
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 12/22/2009.
Violation Division: California Environmental Protection Agency
Violation Program: HWLQG
Violation Source: CERS,

Site ID: 151814
Site Name: Scripps Green Hospital
Violation Date: 10-28-2015
Citation: HSC 6.7 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25292(e)
Violation Description: Failure to maintain secondary containment, as evidenced by failure of secondary containment testing.
Violation Notes: Returned to compliance on 10/28/2015.
Violation Division: San Diego County Department of Env Health

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Violation Program: UST
Violation Source: CERS,

Site ID: 151814
Site Name: Scripps Green Hospital
Violation Date: 11-01-2013
Citation: HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Description: Failure to review, revise, and recertify the business plan at least once every three years.
Violation Notes: Returned to compliance on 12/19/2013.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 151814
Site Name: Scripps Green Hospital
Violation Date: 11-01-2013
Citation: HSC 6.95 25504(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(a)
Violation Description: Failure to complete and/or submit hazardous material inventory forms for all reportable hazardous materials on site.
Violation Notes: Returned to compliance on 12/19/2013.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 151814
Site Name: Scripps Green Hospital
Violation Date: 10-12-2021
Citation: HSC 6.7 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25292(e)
Violation Description: "Failure to perform one of the following line integrity test: A 12 month test for pressurized double-walled piping that does not utilize fail safe or positive shut down. Within 30 days of the date of the completion of a repair to the primary piping."
Violation Notes: Returned to compliance on 11/10/2021. Inspection Sequence ID:6797567;Tank ID:27527;Violation Description:(TCR 9d) Option 1: Failure to perform one of the following line integrity test(s): A 12 month test for pressurized double-walled piping that does not utilize fail safe and positive shut down or within 30 days of the date of the completion of a repair to the primary piping. 23 CCR 2636(f)(4)(3); 2643(c)(3); HSC 25290.2(g), 25291(f), 25292(e)
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 151814
Site Name: Scripps Green Hospital
Violation Date: 11-01-2013
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 11/29/2013. Inspection Sequence ID:4835086;Violation:HMD0221 HW storage- satellite Failed to comply with hazardous waste satellite container regulations. 22CCR 66262.34(e).

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 151814
Site Name: Scripps Green Hospital
Violation Date: 10-04-2007
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code,
Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation -
General
Violation Notes: Returned to compliance on 12/31/2007.
Violation Division: San Diego County Department of Env Health
Violation Program: HWLQG
Violation Source: CERS,

Site ID: 151814
Site Name: Scripps Green Hospital
Violation Date: 10-06-2008
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code,
Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation -
General
Violation Notes: Returned to compliance on 12/10/2008.
Violation Division: San Diego County Department of Env Health
Violation Program: HWLQG
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-05-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Ayala Anthony Inspection ID:6528155
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-12-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Zmily Zanalee Inspection ID:6797567
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-26-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Burke Mike Inspection ID:5750138
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Eval Date: 10-28-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5267721
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-28-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5267721
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-28-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5518443
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-28-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5518443
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-29-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:6270301
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-29-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:6270301
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-30-2014
Violations Found: No
Eval Type: Routine done by local agency

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Eval Notes: Inspector: Central HC102 Inspection ID:4967837
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-30-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Central HC102 Inspection ID:4967837
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-01-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4835086
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-01-2013
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4955279
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-06-2008
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: San Diego CUPA
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-20-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Marquez Marie Inspection ID:6603063
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-26-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Burke Mike Inspection ID:5750138
Eval Division: San Diego County Department of Env Health
Eval Program: UST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-28-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5267721
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-28-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5518443
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-29-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:6270301
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-30-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Central HC102 Inspection ID:4967837
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-01-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4835086
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-01-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4835086
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Eval Date: 11-01-2013
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4955279
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-26-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Herrera Zoraida Inspection ID:6006634
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-28-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5518443
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-29-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:6270301
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-30-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Central HC102 Inspection ID:4967837
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-16-2009
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: San Diego County; Determination of RCRA LQG status was based on a download of sites registered as RCRA LQGs on the USEPA website. Military bases in San Diego County registered under a primary EPA number but each command or unit permitted and inspected as a separate entity b
Eval Division: California Environmental Protection Agency
Eval Program: HWLQG
Eval Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-04-2007
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Matt Trainor
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-05-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Ayala Anthony Inspection ID:6528155
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-26-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Herrera Zoraida Inspection ID:6006634
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-28-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5267721
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-01-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4955279
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Enforcement Action:
Site ID: 151814
Site Name: Scripps Green Hospital
Site Address: 10666 N TORREY PINES RD
Site City: LA JOLLA
Site Zip: 92037
Enf Action Date: 10-04-2007
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Diego County Department of Env Health
Enf Action Program: HWLQG

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Enf Action Source: CERS,

Site ID: 151814
Site Name: Scripps Green Hospital
Site Address: 10666 N TORREY PINES RD
Site City: LA JOLLA
Site Zip: 92037
Enf Action Date: 10-06-2008
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Diego County Department of Env Health
Enf Action Program: HWLQG
Enf Action Source: CERS,

Site ID: 151814
Site Name: Scripps Green Hospital
Site Address: 10666 N TORREY PINES RD
Site City: LA JOLLA
Site Zip: 92037
Enf Action Date: 11-16-2009
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: California Environmental Protection Agency
Enf Action Program: HWLQG
Enf Action Source: CERS,

Coordinates:
Site ID: 151814
Facility Name: Scripps Green Hospital
Env Int Type Code: HWG
Program ID: 10152851
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 32.896300
Longitude: -117.242610

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: SCRIPPS HEALTH
Entity Title: Not reported
Affiliation Address: 10010 CAMPUS POINT DR
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 678-7437,

Affiliation Type Desc: UST Property Owner Name
Entity Name: SCRIPPS HEALTH
Entity Title: Not reported
Affiliation Address: 4275 CAMPUS POINT DR
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: United States

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Affiliation Zip: 92121
Affiliation Phone: (858) 678-6101,

Affiliation Type Desc: Environmental Contact
Entity Name: Jesse Westin
Entity Title: Not reported
Affiliation Address: 10666 N Torrey Pines Rd. (N107)
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92037
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: SCRIPPS HEALTH
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: SCRIPPS HEALTH
Entity Title: Not reported
Affiliation Address: 10140 CAMPUS POINT DR
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 678-7767,

Affiliation Type Desc: UST Tank Owner
Entity Name: SCRIPPS GREEN HOSPITAL
Entity Title: Not reported
Affiliation Address: 10666 N TORREY PINES RD
Affiliation City: LA JOLLA
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92037
Affiliation Phone: (858) 554-9100,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
Entity Name: Jesse Westin
Entity Title: Not reported
Affiliation Address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

THE SCRIPPS RESEARCH INSTITUTE (Continued)

1000260910

Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 10666 N TORREY PINES RD, N-107
Affiliation City: LA JOLLA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92037-1027
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: SCRIPPS GREEN HOSPITAL
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 455-9100,

Affiliation Type Desc: UST Permit Applicant
Entity Name: ATTN: Jesse Westin
Entity Title: Safety Officer
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (619) 572-5450,

Affiliation Type Desc: Identification Signer
Entity Name: Jesse Westin
Entity Title: SAFETY OFFICER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: UST Tank Operator
Entity Name: SCRIPPS GREEN HOSPITAL
Entity Title: Not reported
Affiliation Address: 10666 N TORREY PINES RD
Affiliation City: LA JOLLA
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92037
Affiliation Phone: (858) 554-9100,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U287
South
1/2-1
0.706 mi.
3727 ft.
Relative:
Higher
Actual:
336 ft.

GENERAL ATOMICS
3550 GENERAL ATOMICS CT
SAN DIEGO, CA 92121
Site 1 of 2 in cluster U

CA SAN DIEGO CO. SAM **S100732801**
CA AST **N/A**
CA San Diego Co. HMMD
CA SWEEPS UST
CA EMI
CA ICE
CA HWP
CA SAN DIEGO CO LOP

SAN DIEGO CO. SAM:

Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121194
Case Number: H14873-001
Agency: DEH Site Assessment & Mitigation
Funding: LOP - Federal Fund
Facility Type: GW With No Beneficial Use Designation
Facility Status: Closed Case
Date: 7/16/1992
Date Began: 6/29/1990

AST:

Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City/Zip: SAN DIEGO,92121
Certified Unified Program Agencies: Not reported
Owner: GENERAL ATOMICS
Total Gallons: Not reported
CERSID: 10055530
Facility ID: 37-000-114873
Business Name: General Atomics and Affiliated Companies
Phone: 858-455-2823
Fax: 858-455-2822
Mailing Address: P.O. Box 85608
Mailing Address City: San Diego
Mailing Address State: CA
Mailing Address Zip Code: Not reported
Operator Name: GENERAL ATOMICS
Operator Phone: 858-455-2823
Owner Phone: 858-455-2823
Owner Mail Address: P.O. Box 85608
Owner State: CA
Owner Zip Code: Not reported
Owner Country: United States
Property Owner Name: Not reported
Property Owner Phone: Not reported
Property Owner Mailing Address: Not reported
Property Owner City: Not reported
Property Owner Stat : Not reported
Property Owner Zip Code: Not reported
Property Owner Country: Not reported
EPAID: CAD067638957

Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City/Zip: SAN DIEGO,
Certified Unified Program Agencies: San Diego
Owner: GENERAL ATOMICS
Total Gallons: 4890

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

CERSID: Not reported
Facility ID: Not reported
Business Name: Not reported
Phone: Not reported
Fax: Not reported
Mailing Address: Not reported
Mailing Address City: Not reported
Mailing Address State: Not reported
Mailing Address Zip Code: Not reported
Operator Name: Not reported
Operator Phone: Not reported
Owner Phone: Not reported
Owner Mail Address: Not reported
Owner State: Not reported
Owner Zip Code: Not reported
Owner Country: Not reported
Property Owner Name: Not reported
Property Owner Phone: Not reported
Property Owner Mailing Address: Not reported
Property Owner City: Not reported
Property Owner Stat : Not reported
Property Owner Zip Code: Not reported
Property Owner Country: Not reported
EPAID: Not reported

HMMD SAN DIEGO:

Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAD067638957
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 858-455-2809
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 07/28/2022
Facility Owner: Not reported
Facility Mailing Address: P.O. Box 85608, San Diego, CA 92121
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-114873
Program Element: Hazardous Materials Release Response Plans

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Inspection Type: Routine
Inspection Number: 5581361
Return To Compliance Date: 2017-03-10T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-02-26T01:34:22.000
Inspection Date: 2017-02-14T13:37:00.000
Violation Code: 1010006 HMBP not updated to reflect inventory changes or facility information. HSC 25508.1(a-e)

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-114873
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 5581361
Return To Compliance Date: 2017-02-14T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-02-26T01:34:22.000
Inspection Date: 2017-02-14T13:37:00.000
Violation Code: 3130004 Accumulated hazardous waste more than 90 days without a DTSC storage permit. HSC 25201(a); 22 CCR 66262.34(a) and (c)

UST DTL:

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-114873
Facility Type (Ust Facility): Not reported
Tank Owner Name: GENERAL ATOMICS
Tankid: 23696
Tank Status: Removed
Date Ust Permanently Closed: 09/23/1997
Tank Use: 01
Piping System Type: Not reported
Last Updated: 2022-02-26T01:34:31.000
Tank Capacityin Gallons: 550
Tank Contents: Diesel
Type Of Tank: 01

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-114873
Facility Type (Ust Facility): Not reported
Tank Owner Name: GENERAL ATOMICS
Tankid: 23692
Tank Status: Removed
Date Ust Permanently Closed: 11/17/1992
Tank Use: 01
Piping System Type: 02

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2022-02-26T01:34:31.000
Tank Capacityin Gallons: 3000
Tank Contents: Diesel
Type Of Tank: 01

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-114873
Facility Type (Ust Facility): Not reported
Tank Owner Name: GENERAL ATOMICS
Tankid: 23691
Tank Status: Removed
Date Ust Permanently Closed: 06/29/1990
Tank Use: 01
Piping System Type: 02
Last Updated: 2022-02-26T01:34:31.000
Tank Capacityin Gallons: 3000
Tank Contents: Diesel
Type Of Tank: 01

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-114873
Facility Type (Ust Facility): Not reported
Tank Owner Name: GENERAL ATOMICS
Tankid: 23689
Tank Status: Removed
Date Ust Permanently Closed: 06/29/1990
Tank Use: 01
Piping System Type: 01
Last Updated: 2022-02-26T01:34:31.000
Tank Capacityin Gallons: 10000
Tank Contents: 02
Type Of Tank: 01

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-114873
Facility Type (Ust Facility): Not reported
Tank Owner Name: GENERAL ATOMICS
Tankid: 23690
Tank Status: Removed
Date Ust Permanently Closed: 06/29/1990
Tank Use: 01
Piping System Type: 01
Last Updated: 2022-02-26T01:34:31.000
Tank Capacityin Gallons: 10000
Tank Contents: 1A
Type Of Tank: 01

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-114873

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Facility Type (Ust Facility): Not reported
Tank Owner Name: GENERAL ATOMICS
Tankid: 23695
Tank Status: Removed
Date Ust Permanently Closed: 09/23/1997
Tank Use: 01
Piping System Type: Not reported
Last Updated: 2022-02-26T01:34:31.000
Tank Capacityin Gallons: 10000
Tank Contents: Diesel
Type Of Tank: 01

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-114873
Facility Type (Ust Facility): Not reported
Tank Owner Name: GENERAL ATOMICS
Tankid: 23697
Tank Status: Removed
Date Ust Permanently Closed: 09/23/1997
Tank Use: 01
Piping System Type: Not reported
Last Updated: 2022-02-26T01:34:31.000
Tank Capacityin Gallons: 1000
Tank Contents: Diesel
Type Of Tank: 01

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-114873
Facility Type (Ust Facility): Not reported
Tank Owner Name: GENERAL ATOMICS
Tankid: 23694
Tank Status: Removed
Date Ust Permanently Closed: 05/17/1999
Tank Use: 03
Piping System Type: 03
Last Updated: 2022-02-26T01:34:31.000
Tank Capacityin Gallons: 1000
Tank Contents: Not reported
Type Of Tank: 99

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-114873
Facility Type (Ust Facility): Not reported
Tank Owner Name: GENERAL ATOMICS
Tankid: 23693
Tank Status: Removed
Date Ust Permanently Closed: 06/29/1990
Tank Use: 01
Piping System Type: 02
Last Updated: 2022-02-26T01:34:31.000
Tank Capacityin Gallons: 2000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Tank Contents: Diesel
Type Of Tank: 01

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-114873
Facility Type (Ust Facility): Not reported
Tank Owner Name: GENERAL ATOMICS
Tankid: 23688
Tank Status: Removed
Date Ust Permanently Closed: 06/29/1990
Tank Use: 01
Piping System Type: 01
Last Updated: 2022-02-26T01:34:31.000
Tank Capacityin Gallons: 10000
Tank Contents: 1A
Type Of Tank: 01

Waste and Materials:
Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277968
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-11-05T02:31:54.000
Chemical Name: Waste,Mixed Acid
Common Name: Waste,Mixed Acid
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309992
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: NM40
Common Name: NM40
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277973
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-11-05T02:31:54.000
Chemical Name: WASTE PAINT
Common Name: Waste Paint
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309977

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: SULFUR HEXAFLUORIDE
Common Name: SULFUR HEXAFLUORIDE
Case Number: 2551-62-4

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309972
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: n-Propyl Bromide
Common Name: Ensolve
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309973
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: Uranium, Depleted
Common Name: Uranium, Depleted
Case Number: 7440-61-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309974
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: A-106 Algacide
Common Name: Algacide
Case Number: 31512-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309975
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: Aqua-sol 20/20
Common Name: Aqua-sol 20/20
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309978
Trade Secret: N
Hazardous Material Type: Mixture

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2021-11-05T02:31:53.000
Chemical Name: 10% NITROGEN 90% ARGON
Common Name: 10% NITROGEN 90% ARGON
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309980
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: DEUTERIUM, D2, 99%
Common Name: Heavy Hydrogen
Case Number: 7782-39-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309981
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: DIBORANE: COMPRESSED GAS
Common Name: DIBORANE: COMPRESSED GAS
Case Number: 19287-45-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309982
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: HELIUM COMPRESSED GAS
Common Name: HELIUM COMPRESSED GAS
Case Number: 7440-59-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309983
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: HELIUM, LIQUID
Common Name: HELIUM, LIQUID
Case Number: 7740-59-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309984
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: METHANE, CH4,99%, COMPRESSED GAS.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Common Name: METHANE, CH4,99%, COMPRESSED GAS.
Case Number: 74-82-8

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309986
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: OIL, LUBRICATING: VARIOUS WEIGHTS.
Common Name: OIL, LUBRICATING: VARIOUS WEIGHTS.
Case Number: 8002-05-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309987
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: AIR, COMPRESSED GAS.
Common Name: AIR, COMPRESSED GAS.
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309989
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: DIALAX S2 ZX-A
Common Name: Shell Diala S2 ZX-A
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309990
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: NEAR-A-LARD 190M; NAPHTHA
Common Name: NEAR-A-LARD 190M; NAPHTHA
Case Number: 8030-31-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309991
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: NITROGEN, LIQUID:
Common Name: NITROGEN, LIQUID:
Case Number: 7737-27-9

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309993
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: PSS-841
Common Name: PSS-841
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309994
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: CARBON DIOXIDE
Common Name: CARBON DIOXIDE
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309995
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: Petroleum Naphtha, Hydrotreated Heavy
Common Name: Petroleum Naphtha, Hydrotreated Heavy
Case Number: 64742-48-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309996
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: Tetrahydromethylphthalic anhydride
Common Name: ARADUR HY918
Case Number: 11070-44-3

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309997
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: Tetrafluoromethane
Common Name: Carbon Tetrafluoride
Case Number: 75-73-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309998
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: CARBON DIOXIDE, LIQUID
Common Name: CARBON DIOXIDE, LIQUID
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309999
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: Mayosperse 7700-15
Common Name: Mayosperse 7700-15
Case Number: 31512-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310000
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: Sodium Hydroxide 50% solution
Common Name: Sodium Hydroxide 50% solution
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310001
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: Dowtherm SR-1 Heat Transfer Fluid, Dyed
Common Name: Dowtherm SR-1 Heat Transfer Fluid, Dyed
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310002
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: DIESEL FUEL
Common Name: DIESEL FUEL
Case Number: 68334-30-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310003

Map ID
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MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: Tetrabromobisphenol A (TBBA)
Common Name: FR-1524 (Tetrabromobisphenol A (TBBA))
Case Number: 79-94-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310004
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: Turbine Oil R&O 100-S
Common Name: Turbine Oil R&O 100-S
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310005
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: Hydrochloric Acid 31-33%
Common Name: Muriatic Acid
Case Number: 7647-01-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310009
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: HYDROGEN
Common Name: HYDROGEN
Case Number: 1333-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310010
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: PROPANE
Common Name: LIQUEFIED PETROLEUM GAS (LPG)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310011
Trade Secret: N
Hazardous Material Type: Pure

Map ID
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MAP FINDINGS

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Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2021-11-05T02:31:53.000
Chemical Name: Ammonium Hydroxide
Common Name: Ammonium Hydroxide
Case Number: 1336-21-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310012
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: OXYGEN
Common Name: OXYGEN
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310013
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: Deuterium
Common Name: Deuterium
Case Number: 7782-39-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310014
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: Argon, Liquid
Common Name: Argon, Liquid
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310015
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: Boron Trichloride
Common Name: Boron Trichloride
Case Number: 10294-34-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310016
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: SULFUR DIOXIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

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EDR ID Number
EPA ID Number
Database(s)

GENERAL ATOMICS (Continued)

S100732801

Common Name: SULFUR DIOXIDE
Case Number: 7446-09-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310017
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: CARBON MONOXIDE
Common Name: CARBON MONOXIDE
Case Number: 630-08-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310018
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: Sulfuric Acid
Common Name: Sulfuric Acid
Case Number: 7664-93-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310019
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: ETHYLENE GLYCOL
Common Name: ETHYLENE GLYCOL
Case Number: 107-21-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310020
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: ARGON COMPRESSED
Common Name: ARGON COMPRESSED
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310022
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: METHYLTRICHLOROSILANE
Common Name: METHYLTRICHLOROSILANE
Case Number: 75-79-6

Map ID
Direction
Distance
Elevation

MAP FINDINGS

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EDR ID Number
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Database(s)

GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310023
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: CHLORINE
Common Name: CHLORINE
Case Number: 7782-50-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310024
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: CHLORINATED FLUOROCARBON (FREON 113)
Common Name: CHLORINATED FLUOROCARBON (FREON 113)
Case Number: 76-13-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310026
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: 1,1,1,2-tetrafluoroethane
Common Name: 1,1,1,2-tetrafluoroethane
Case Number: 811-97-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310027
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: Mineral Spirits Odorless
Common Name: Mineral Spirits Odorless
Case Number: 64742-48-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310028
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: Sodium Permanganate 40% Solution
Common Name: Sodium Permanganate 40% Solution
Case Number: 10101-50-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

Map ID
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MAP FINDINGS

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Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310029
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: Sodium Permanganate,5% Solution
Common Name: Sodium Permanganate,5% Solution
Case Number: 10101-50-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277967
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-11-05T02:31:54.000
Chemical Name: Waste,Oil Contaminated Debris
Common Name: Waste,Oil Contaminated Debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277969
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-11-05T02:31:54.000
Chemical Name: Waste Solids containing Corrosive liquid
Common Name: Waste, Lab Acidic solids
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277970
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-11-05T02:31:54.000
Chemical Name: Waste Corrosive liquid, basic inorganic
Common Name: Waste, Photo developing liquids, basic
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277971
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-11-05T02:31:54.000
Chemical Name: Waste Flammable Liquids
Common Name: Waste, Mixed Solvents
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277972

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MAP FINDINGS

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EDR ID Number
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Database(s)

GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-11-05T02:31:54.000
Chemical Name: Waste Solids containing Flammable Liquids.(Acetone, Isopropyl Alcohol, Acetonitrile)
Common Name: Waste, Lab Debris/paint Debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277974
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-11-05T02:31:54.000
Chemical Name: Waste Corrosive liquids, oxidizing
Common Name: Waste Pirahna Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277975
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-11-05T02:31:54.000
Chemical Name: Gold Sulfite Plating Solution
Common Name: Waste Gold Sulfite Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277976
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-11-05T02:31:54.000
Chemical Name: Non-RCRA Hazardous Waste Solid(Beryllium contaminated debris)
Common Name: Waste Beryllium contaminated debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277977
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-11-05T02:31:54.000
Chemical Name: Non-RCRA Hazardous Waste Liquid(Castor Oil)
Common Name: Waste Non PCB capacitors
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277978
Trade Secret: N
Hazardous Material Type: Not reported

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MAP FINDINGS

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Database(s)

GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2021-11-05T02:31:54.000
Chemical Name: Waste Flammable Liquids, n.o.s. (Epoxy Resin, MEK)
Common Name: Waste Resins/Adhesive commodity Pack
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277979
Trade Secret: N
Hazardous Material Type: Not reported

Last Updated: 2021-11-05T02:31:54.000
Chemical Name: Waste Ammonia Solutions
Common Name: Waste Ammonia Hydroxide and Carbon
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277980
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-11-05T02:31:54.000
Chemical Name: Waste Aerosols
Common Name: Waste Aerosols
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277981
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-11-05T02:31:54.000
Chemical Name: Waste Batteries, wet, filled with acid
Common Name: Waste lead acid batteries
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297511
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: n-Propyl Bromide
Common Name: Ensolve
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297512
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Uranium, Depleted

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MAP FINDINGS

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Database(s)

GENERAL ATOMICS (Continued)

S100732801

Common Name: Uranium, Depleted
Case Number: 7440-61-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265561
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Waste,Mixed Acid
Common Name: Waste,Mixed Acid
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265562
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Waste Solids containing Corrosive liquid
Common Name: Waste, Lab Acidic solids
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265563
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Waste Corrosive liquid, basic inorganic
Common Name: Waste, Photo developing liquids, basic
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265564
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Waste Flammable Liquids
Common Name: Waste, Mixed Solvents
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265567
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Waste Corrosive liquids, oxidizing
Common Name: Waste Pirahna Solution
Case Number: Not reported

Map ID
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Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321543
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: NM40
Common Name: NM40
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321544
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: PSS-841
Common Name: PSS-841
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321545
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: CARBON DIOXIDE
Common Name: CARBON DIOXIDE
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102673
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: NM40
Common Name: NM40
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102651
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: n-Propyl Bromide
Common Name: Ensolve
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

Map ID
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MAP FINDINGS

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Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102652
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: Uranium, Depleted
Common Name: Uranium, Depleted
Case Number: 7440-61-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102653
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: A-106 Algacide
Common Name: Algacide
Case Number: 31512-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102654
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: Aqua-sol 20/20
Common Name: Aqua-sol 20/20
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102655
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: SODIUM HYDROXIDE SOLID
Common Name: SODIUM HYDROXIDE SOLID
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102656
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: SODIUM HYPOCHLORITE >12.5%-15%
Common Name: SODIUM HYPOCHLORITE >12.5%-15%
Case Number: 7681-52-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102657

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GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: Nitrogen Gas
Common Name: Nitrogen Gas
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102658
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: SULFUR HEXAFLUORIDE
Common Name: SULFUR HEXAFLUORIDE
Case Number: 2551-62-4

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102659
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: 10% NITROGEN 90% ARGON
Common Name: 10% NITROGEN 90% ARGON
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102660
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: 7423 MICROBIOCIDE
Common Name: 7423 MICROBIOCIDE
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102661
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: DEUTERIUM, D2, 99%
Common Name: Heavy Hydrogen
Case Number: 7782-39-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102662
Trade Secret: N
Hazardous Material Type: Pure

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Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2017-02-28T01:21:35.000
Chemical Name: DIBORANE: COMPRESSED GAS
Common Name: DIBORANE: COMPRESSED GAS
Case Number: 19287-45-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102663
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: HELIUM COMPRESSED GAS
Common Name: HELIUM COMPRESSED GAS
Case Number: 7440-59-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102664
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: HELIUM, LIQUID
Common Name: HELIUM, LIQUID
Case Number: 7740-59-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102665
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: METHANE, CH4,99%, COMPRESSED GAS.
Common Name: METHANE, CH4,99%, COMPRESSED GAS.
Case Number: 74-82-8

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102666
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: NEON, COMPRESSED
Common Name: NEON, COMPRESSED
Case Number: 7440-01-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102667
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: OIL, LUBRICATING: VARIOUS WEIGHTS.

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GENERAL ATOMICS (Continued)

S100732801

Common Name: OIL, LUBRICATING: VARIOUS WEIGHTS.
Case Number: 8002-05-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102668
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: AIR, COMPRESSED GAS.
Common Name: AIR, COMPRESSED GAS.
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102669
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: BACTICIDE
Common Name: BACTICIDE
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102670
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: DIALAX TRANSFORMER OIL
Common Name: DIALAX TRANSFORMER OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102671
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: NEAR-A-LARD 190M; NAPHTHA
Common Name: NEAR-A-LARD 190M; NAPHTHA
Case Number: 8030-31-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102672
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: NITROGEN, LIQUID:
Common Name: NITROGEN, LIQUID:
Case Number: 7737-27-9

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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102674
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: PSS-841
Common Name: PSS-841
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102675
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: CARBON DIOXIDE
Common Name: CARBON DIOXIDE
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102676
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: 4-chlorobenzotrifluoride
Common Name: PCBTF (Parachlorobenzotrifluoride)
Case Number: 98-56-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102677
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: Petroleum Naphtha, Hydrotreated Heavy
Common Name: OMS
Case Number: 64742-48-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102678
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: Isopropyl Alcohol 70%
Common Name: Isopropyl Alcohol 70%
Case Number: 67-63-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

Map ID
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GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102679
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: Caustic Soda 15%
Common Name: Sodium Hydroxide 15%
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102680
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: Simulant (munitions)
Common Name: Simulant (munitions)
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102681
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: Argon, Liquid
Common Name: Argon, Liquid
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102682
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: Boron Trichloride
Common Name: Boron Trichloride
Case Number: 10294-34-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102683
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: SULFUR DIOXIDE
Common Name: SULFUR DIOXIDE
Case Number: 7446-09-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102684

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MAP FINDINGS

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Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: CARBON MONOXIDE
Common Name: CARBON MONOXIDE
Case Number: 630-08-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102685
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: ETHYLENE GLYCOL
Common Name: ETHYLENE GLYCOL
Case Number: 107-21-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102686
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: ARGON COMPRESSED
Common Name: ARGON COMPRESSED
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102687
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: Carbon Tetrafluoride
Common Name: Carbon Tetrafluoride
Case Number: 75-73-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102688
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: NITROGEN OXIDE
Common Name: NITROGEN OXIDE
Case Number: 10024-97-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102689
Trade Secret: N
Hazardous Material Type: Pure

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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2017-02-28T01:21:35.000
Chemical Name: PROPANE
Common Name: LIQUEFIED PETROLEUM GAS (LPG)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102690
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: DIESEL FUEL
Common Name: DIESEL FUEL
Case Number: 68334-30-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102691
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: ANHYDROUS AMMONIA
Common Name: AMMONIA
Case Number: 7664-41-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102692
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: METHYLTRICHLOROSILANE
Common Name: METHYLTRICHLOROSILANE
Case Number: 75-79-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102693
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: ACETONE
Common Name: ACETONE
Case Number: 67-64-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102694
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: CHLORINE

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GENERAL ATOMICS (Continued)

S100732801

Common Name: CHLORINE
Case Number: 7782-50-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102695
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: CHLORINATED FLUOROCARBON (FREON 113)
Common Name: CHLORINATED FLUOROCARBON (FREON 113)
Case Number: 76-13-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102696
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: CARBON DIOXIDE, LIQUID
Common Name: CARBON DIOXIDE, LIQUID
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102697
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: ACETYLENE
Common Name: ACETYLENE
Case Number: 74-86-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102698
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: HYDROGEN
Common Name: HYDROGEN
Case Number: 1333-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102699
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: Ethanol
Common Name: Ethyl Alcohol
Case Number: 64-17-5

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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102700
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: OXYGEN
Common Name: OXYGEN
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102701
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: Methane, trifluoro-
Common Name: HFC-23
Case Number: 75-46-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102702
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: Turbine Oil
Common Name: Lubricating Oil
Case Number: 64741-44-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102703
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-02-28T01:21:35.000
Chemical Name: Turbine Oil
Common Name: Lubricating Oil
Case Number: 64741-44-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0084670
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-28T01:21:45.000
Chemical Name: Waste,Oil Contaminated Debris
Common Name: Waste,Oil Contaminated Debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

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GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2016-HWAST-0084671
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-28T01:21:45.000
Chemical Name: Waste,Mixed Acid
Common Name: Waste,Mixed Acid
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0084672
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-28T01:21:45.000
Chemical Name: Waste Solids containing Corrosive liquid
Common Name: Waste, Lab Acidic solids
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0084673
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-28T01:21:45.000
Chemical Name: Waste Corrosive liquid, basic inorganic
Common Name: Waste, Photo developing liquids, basic
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0084674
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-28T01:21:45.000
Chemical Name: Waste Flammable Liquids
Common Name: Waste, Mixed Solvents
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0084675
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-28T01:21:45.000
Chemical Name: Waste Solids containing Flammable Liquids.(Acetone, Isopropyl Alcohol, Acetonitrile)
Common Name: Waste, Lab Debris/paint Debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0084676

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GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-28T01:21:45.000
Chemical Name: WASTE PAINT
Common Name: Waste Paint
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0084677
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-28T01:21:45.000
Chemical Name: Waste Corrosive liquids, oxidizing
Common Name: Waste Pirahna Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0084678
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-28T01:21:45.000
Chemical Name: Gold Sulfite Plating Solution
Common Name: Waste Gold Sulfite Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0084679
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-28T01:21:45.000
Chemical Name: Non-RCRA Hazardous Waste Solid(Beryllium contaminated debris)
Common Name: Waste Beryllium contaminated debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0084680
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-28T01:21:45.000
Chemical Name: Non-RCRA Hazardous Waste Liquid(Castor Oil)
Common Name: Waste Non PCB capacitors
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0084681
Trade Secret: N
Hazardous Material Type: Not reported

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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2017-02-28T01:21:45.000
Chemical Name: Waste Flammable Liquids, n.o.s. (Epoxy Resin, MEK)
Common Name: Waste Resins/Adhesive commodity Pack
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0084682
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-28T01:21:45.000
Chemical Name: Waste Resin Solution, flammable
Common Name: Waste Resin Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0084683
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-28T01:21:45.000
Chemical Name: Non-RCRA Hazardous Waste Liquid(Oil)
Common Name: Waste Oil/Water
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0084684
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-28T01:21:45.000
Chemical Name: Waste Ammonia Solutions
Common Name: Waste Ammonia Hydroxide and Carbon
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0084685
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-28T01:21:45.000
Chemical Name: Waste Aerosols
Common Name: Waste Aerosols
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0084686
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-28T01:21:45.000
Chemical Name: Waste Batteries, wet, filled with acid

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GENERAL ATOMICS (Continued)

S100732801

Common Name: Waste lead acid batteries
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0084687
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-28T01:21:45.000
Chemical Name: Waste Simulant
Common Name: Waste Simulant
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0084688
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-28T01:21:45.000
Chemical Name: Waste Oil
Common Name: Waste Oil
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277688
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: Turbine Oil R&O 100-S
Common Name: Turbine Oil R&O 100-S
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209170
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: NITROGEN, LIQUID:
Common Name: NITROGEN, LIQUID:
Case Number: 7737-27-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209183
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: Isopropanol 99%
Common Name: Isopropanol 99%
Case Number: 67-63-0

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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209184
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: Sodium Hydroxide 25% solution
Common Name: Sodium Hydroxide 25% solution
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209188
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: Boron Trichloride
Common Name: Boron Trichloride
Case Number: 10294-34-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209189
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: SULFUR DIOXIDE
Common Name: SULFUR DIOXIDE
Case Number: 7446-09-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209191
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: ETHYLENE GLYCOL
Common Name: ETHYLENE GLYCOL
Case Number: 107-21-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209193
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: NITROGEN OXIDE
Common Name: NITROGEN OXIDE
Case Number: 10024-97-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

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GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209201
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: ACETYLENE
Common Name: ACETYLENE
Case Number: 74-86-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309985
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: NEON, COMPRESSED
Common Name: NEON, COMPRESSED
Case Number: 7440-01-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309988
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: BACTICIDE
Common Name: BACTICIDE
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310025
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: ACETYLENE
Common Name: ACETYLENE
Case Number: 74-86-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181088
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Aqua-sol 20/20
Common Name: Aqua-sol 20/20
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181089

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GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: SODIUM HYDROXIDE SOLID
Common Name: SODIUM HYDROXIDE SOLID
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181090
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Nitrogen Gas
Common Name: Nitrogen Gas
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181093
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: 7423 MICROBIOCIDE
Common Name: 7423 MICROBIOCIDE
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181094
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: DEUTERIUM, D2, 99%
Common Name: Heavy Hydrogen
Case Number: 7782-39-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181098
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: METHANE, CH4,99%, COMPRESSED GAS.
Common Name: METHANE, CH4,99%, COMPRESSED GAS.
Case Number: 74-82-8

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181101
Trade Secret: N
Hazardous Material Type: Pure

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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2018-08-03T02:32:20.000
Chemical Name: AIR, COMPRESSED GAS.
Common Name: AIR, COMPRESSED GAS.
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181102
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: BACTICIDE
Common Name: BACTICIDE
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181103
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: DIALAX TRANSFORMER OIL
Common Name: DIALAX TRANSFORMER OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181104
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: NEAR-A-LARD 190M; NAPTHA
Common Name: NEAR-A-LARD 190M; NAPTHA
Case Number: 8030-31-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181105
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: NITROGEN, LIQUID:
Common Name: NITROGEN, LIQUID:
Case Number: 7737-27-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181108
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: CARBON DIOXIDE

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GENERAL ATOMICS (Continued)

S100732801

Common Name: CARBON DIOXIDE
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181109
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Petroleum Naphtha, Hydrotreated Heavy
Common Name: Petroleum Naphtha, Hydrotreated Heavy
Case Number: 64742-48-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181110
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Isopropyl Alcohol
Common Name: Isopropyl Alcohol
Case Number: 67-63-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181111
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Caustic Soda 15%
Common Name: Sodium Hydroxide 15%
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181113
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Tetrahydromethylphthalic anhydride
Common Name: ARADUR HY918
Case Number: 11070-44-3

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181114
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Argon, Liquid
Common Name: Argon, Liquid
Case Number: 7440-37-1

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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181115
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Boron Trichloride
Common Name: Boron Trichloride
Case Number: 10294-34-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181116
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: SULFUR DIOXIDE
Common Name: SULFUR DIOXIDE
Case Number: 7446-09-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181117
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: CARBON MONOXIDE
Common Name: CARBON MONOXIDE
Case Number: 630-08-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181118
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: ETHYLENE GLYCOL
Common Name: ETHYLENE GLYCOL
Case Number: 107-21-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181119
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: ARGON COMPRESSED
Common Name: ARGON COMPRESSED
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

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GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181120
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Tetrafluoromethane
Common Name: Carbon Tetrafluoride
Case Number: 75-73-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181121
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: NITROGEN OXIDE
Common Name: NITROGEN OXIDE
Case Number: 10024-97-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181122
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: PROPANE
Common Name: LIQUEFIED PETROLEUM GAS (LPG)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181123
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: DIESEL FUEL
Common Name: DIESEL FUEL
Case Number: 68334-30-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181124
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: ANHYDROUS AMMONIA
Common Name: AMMONIA
Case Number: 7664-41-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181125

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GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: METHYLTRICHLOROSILANE
Common Name: METHYLTRICHLOROSILANE
Case Number: 75-79-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181126
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: ACETONE
Common Name: ACETONE
Case Number: 67-64-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181127
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: CHLORINE
Common Name: CHLORINE
Case Number: 7782-50-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181128
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: CHLORINATED FLUOROCARBON (FREON 113)
Common Name: CHLORINATED FLUOROCARBON (FREON 113)
Case Number: 76-13-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181129
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: CARBON DIOXIDE, LIQUID
Common Name: CARBON DIOXIDE, LIQUID
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181130
Trade Secret: N
Hazardous Material Type: Pure

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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2018-08-03T02:32:20.000
Chemical Name: ACETYLENE
Common Name: ACETYLENE
Case Number: 74-86-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181131
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: HYDROGEN
Common Name: HYDROGEN
Case Number: 1333-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181132
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Ammonium Hydroxide
Common Name: Ammonium Hydroxide
Case Number: 1336-21-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181133
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Ethanol
Common Name: Ethyl Alcohol
Case Number: 64-17-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181134
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: OXYGEN
Common Name: OXYGEN
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181135
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Deuterium

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GENERAL ATOMICS (Continued)

S100732801

Common Name: Deuterium
Case Number: 7782-39-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181136
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Mayospense 7700-15
Common Name: Mayospense 7700-15
Case Number: 31512-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181137
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: O-chlorobenzylidenemalononitrile
Common Name: O-chlorobenzylidenemalononitrile
Case Number: 2698-41-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181138
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: 1,1,1,2-tetrafluoroethane
Common Name: 1,1,1,2-tetrafluoroethane
Case Number: 811-97-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181139
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Isopropanol 99%
Common Name: Isopropanol 99%
Case Number: 67-63-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181140
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Sodium Hydroxide 50% solution
Common Name: Sodium Hydroxide 50% solution
Case Number: 1310-73-2

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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0155548
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Waste,Oil Contaminated Debris
Common Name: Waste,Oil Contaminated Debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0155549
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Waste,Mixed Acid
Common Name: Waste,Mixed Acid
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0155550
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Waste Solids containing Corrosive liquid
Common Name: Waste, Lab Acidic solids
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0155551
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Waste Corrosive liquid, basic inorganic
Common Name: Waste, Photo developing liquids, basic
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0155552
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Waste Flammable Liquids
Common Name: Waste, Mixed Solvents
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

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GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2018-HWAST-0155553
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Waste Solids containing Flammable Liquids.(Acetone, Isopropyl Alcohol, Acetonitrile)
Common Name: Waste, Lab Debris/paint Debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0155554
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: WASTE PAINT
Common Name: Waste Paint
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0155555
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Waste Corrosive liquids, oxidizing
Common Name: Waste Pirahna Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0155556
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Gold Sulfite Plating Solution
Common Name: Waste Gold Sulfite Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0155557
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Non-RCRA Hazardous Waste Solid(Beryllium contaminated debris)
Common Name: Waste Beryllium contaminated debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0155558

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S100732801

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Non-RCRA Hazardous Waste Liquid(Castor Oil)
Common Name: Waste Non PCB capacitors
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0155559
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Waste Flammable Liquids, n.o.s. (Epoxy Resin, MEK)
Common Name: Waste Resins/Adhesive commodity Pack
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0155560
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Waste Resin Solution, flammable
Common Name: Waste Resin Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0155561
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Non-RCRA Hazardous Waste Liquid(Oil)
Common Name: Waste Oil/Water
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0155562
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Waste Ammonia Solutions
Common Name: Waste Ammonia Hydroxide and Carbon
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0155563
Trade Secret: N
Hazardous Material Type: Not reported

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S100732801

Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Waste Aerosols
Common Name: Waste Aerosols
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0155564
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Waste Batteries, wet, filled with acid
Common Name: Waste lead acid batteries
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0155565
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Waste Simulant
Common Name: Waste Simulant
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309976
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: Nitrogen Gas
Common Name: Nitrogen Gas
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277670
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: NM40
Common Name: NM40
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277671
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: PSS-841

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S100732801

Common Name: PSS-841
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277649
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: n-Propyl Bromide
Common Name: Ensolve
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277650
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: Uranium, Depleted
Common Name: Uranium, Depleted
Case Number: 7440-61-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277655
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: SULFUR HEXAFLUORIDE
Common Name: SULFUR HEXAFLUORIDE
Case Number: 2551-62-4

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277656
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: 10% NITROGEN 90% ARGON
Common Name: 10% NITROGEN 90% ARGON
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277657
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: 7423 MICROBIOCIDE
Common Name: 7423 MICROBIOCIDE
Case Number: Not reported

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MAP FINDINGS

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Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277658
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: DEUTERIUM, D2, 99%
Common Name: Heavy Hydrogen
Case Number: 7782-39-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277659
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: DIBORANE: COMPRESSED GAS
Common Name: DIBORANE: COMPRESSED GAS
Case Number: 19287-45-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277660
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: HELIUM COMPRESSED GAS
Common Name: HELIUM COMPRESSED GAS
Case Number: 7440-59-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277661
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: HELIUM, LIQUID
Common Name: HELIUM, LIQUID
Case Number: 7740-59-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277662
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: METHANE, CH4,99%, COMPRESSED GAS.
Common Name: METHANE, CH4,99%, COMPRESSED GAS.
Case Number: 74-82-8

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

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MAP FINDINGS

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GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277663
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: NEON, COMPRESSED
Common Name: NEON, COMPRESSED
Case Number: 7440-01-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277664
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: OIL, LUBRICATING: VARIOUS WEIGHTS.
Common Name: OIL, LUBRICATING: VARIOUS WEIGHTS.
Case Number: 8002-05-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277665
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: AIR, COMPRESSED GAS.
Common Name: AIR, COMPRESSED GAS.
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277666
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: BACTICIDE
Common Name: BACTICIDE
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277667
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: DIALAX S2 ZX-A
Common Name: Shell Diala S2 ZX-A
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277668

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GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: NEAR-A-LARD 190M; NAPHTHA
Common Name: NEAR-A-LARD 190M; NAPHTHA
Case Number: 8030-31-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277669
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: NITROGEN, LIQUID:
Common Name: NITROGEN, LIQUID:
Case Number: 7737-27-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277673
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: Petroleum Naphtha, Hydrotreated Heavy
Common Name: Petroleum Naphtha, Hydrotreated Heavy
Case Number: 64742-48-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277674
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: Isopropyl Alcohol
Common Name: Isopropyl Alcohol
Case Number: 67-63-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277675
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: Caustic Soda 15%
Common Name: Sodium Hydroxide 15%
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277676
Trade Secret: N
Hazardous Material Type: Pure

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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2020-10-21T00:39:58.000
Chemical Name: Tetrahydromethylphthalic anhydride
Common Name: ARADUR HY918
Case Number: 11070-44-3

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277677
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: Tetrafluoromethane
Common Name: Carbon Tetrafluoride
Case Number: 75-73-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277678
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: CARBON DIOXIDE, LIQUID
Common Name: CARBON DIOXIDE, LIQUID
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277679
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: Mayospense 7700-15
Common Name: Mayospense 7700-15
Case Number: 31512-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277680
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: Isopropanol 99%
Common Name: Isopropanol 99%
Case Number: 67-63-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277681
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: Sodium Hydroxide 50% solution

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GENERAL ATOMICS (Continued)

S100732801

Common Name: Sodium Hydroxide 50% solution
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277682
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: Dowtherm SR-1 Heat Transfer Fluid, Dyed
Common Name: Dowtherm SR-1 Heat Transfer Fluid, Dyed
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277683
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: Sodium Cresylate RD
Common Name: Sodium Cresylate RD (Koppers)
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277684
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: DIESEL FUEL
Common Name: DIESEL FUEL
Case Number: 68334-30-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277685
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: Carbon Tetrachloride and Carbon disulfide
Common Name: CTC
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277686
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: Tetrabromobisphenol A (TBBA)
Common Name: FR-1524 (Tetrabromobisphenol A (TBBA))
Case Number: 79-94-7

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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277687
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: ANSOL ANG-77 (Dilute)
Common Name: ANSOL ANG-77 (Dilute)
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277689
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: Hydrochloric Acid 31-33%
Common Name: Muriatic Acid
Case Number: 7647-01-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277690
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: ACETONE
Common Name: ACETONE
Case Number: 67-64-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277694
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: HYDROGEN
Common Name: HYDROGEN
Case Number: 1333-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277695
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: Argon, Liquid
Common Name: Argon, Liquid
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

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GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277696
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: Boron Trichloride
Common Name: Boron Trichloride
Case Number: 10294-34-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277697
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: SULFUR DIOXIDE
Common Name: SULFUR DIOXIDE
Case Number: 7446-09-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277698
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: CARBON MONOXIDE
Common Name: CARBON MONOXIDE
Case Number: 630-08-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277699
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: Sulfuric Acid
Common Name: Sulfuric Acid
Case Number: 7664-93-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277700
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: ETHYLENE GLYCOL
Common Name: ETHYLENE GLYCOL
Case Number: 107-21-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277701

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GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: ARGON COMPRESSED
Common Name: ARGON COMPRESSED
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277702
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: NITROGEN OXIDE
Common Name: NITROGEN OXIDE
Case Number: 10024-97-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277703
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: PROPANE
Common Name: LIQUEFIED PETROLEUM GAS (LPG)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277704
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: ANHYDROUS AMMONIA
Common Name: AMMONIA
Case Number: 7664-41-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277705
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: METHYLTRICHLOROSILANE
Common Name: METHYLTRICHLOROSILANE
Case Number: 75-79-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277706
Trade Secret: N
Hazardous Material Type: Pure

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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2020-10-21T00:39:58.000
Chemical Name: CHLORINE
Common Name: CHLORINE
Case Number: 7782-50-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0245458
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-21T00:40:01.000
Chemical Name: Gold Sulfite Plating Solution
Common Name: Waste Gold Sulfite Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277707
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: CHLORINATED FLUOROCARBON (FREON 113)
Common Name: CHLORINATED FLUOROCARBON (FREON 113)
Case Number: 76-13-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277708
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: ACETYLENE
Common Name: ACETYLENE
Case Number: 74-86-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277709
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: 1,1,1,2-tetrafluoroethane
Common Name: 1,1,1,2-tetrafluoroethane
Case Number: 811-97-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277710
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: Ammonium Hydroxide

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GENERAL ATOMICS (Continued)

S100732801

Common Name: Ammonium Hydroxide
Case Number: 1336-21-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277711
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: Ethanol
Common Name: Ethyl Alcohol
Case Number: 64-17-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277712
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: OXYGEN
Common Name: OXYGEN
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277713
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: Deuterium
Common Name: Deuterium
Case Number: 7782-39-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0245450
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-21T00:40:01.000
Chemical Name: Waste,Oil Contaminated Debris
Common Name: Waste,Oil Contaminated Debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0245451
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-21T00:40:01.000
Chemical Name: Waste,Mixed Acid
Common Name: Waste,Mixed Acid
Case Number: Not reported

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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0245452
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-21T00:40:01.000
Chemical Name: Waste Solids containing Corrosive liquid
Common Name: Waste, Lab Acidic solids
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0245453
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-21T00:40:01.000
Chemical Name: Waste Corrosive liquid, basic inorganic
Common Name: Waste, Photo developing liquids, basic
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0245454
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-21T00:40:01.000
Chemical Name: Waste Flammable Liquids
Common Name: Waste, Mixed Solvents
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0245455
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-21T00:40:01.000
Chemical Name: Waste Solids containing Flammable Liquids.(Acetone, Isopropyl Alcohol, Acetonitrile)
Common Name: Waste, Lab Debris/paint Debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0245456
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-21T00:40:01.000
Chemical Name: WASTE PAINT
Common Name: Waste Paint
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

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GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2020-HWAST-0245457
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-21T00:40:01.000
Chemical Name: Waste Corrosive liquids, oxidizing
Common Name: Waste Pirahna Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0245459
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-21T00:40:01.000
Chemical Name: Non-RCRA Hazardous Waste Solid(Beryllium contaminated debris)
Common Name: Waste Beryllium contaminated debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0245460
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-21T00:40:01.000
Chemical Name: Non-RCRA Hazardous Waste Liquid(Castor Oil)
Common Name: Waste Non PCB capacitors
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0245461
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-21T00:40:01.000
Chemical Name: Waste Flammable Liquids, n.o.s. (Epoxy Resin, MEK)
Common Name: Waste Resins/Adhesive commodity Pack
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0245462
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-21T00:40:01.000
Chemical Name: Waste Resin Solution, flammable
Common Name: Waste Resin Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0245463

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GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-21T00:40:01.000
Chemical Name: Non-RCRA Hazardous Waste Liquid(Oil)
Common Name: Waste Oil/Water
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0245464
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-21T00:40:01.000
Chemical Name: Waste Ammonia Solutions
Common Name: Waste Ammonia Hydroxide and Carbon
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0245465
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-21T00:40:01.000
Chemical Name: Waste Aerosols
Common Name: Waste Aerosols
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0245466
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-21T00:40:01.000
Chemical Name: Waste Batteries, wet, filled with acid
Common Name: Waste lead acid batteries
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0245467
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-21T00:40:01.000
Chemical Name: Waste Oil
Common Name: Waste Oil
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0245468
Trade Secret: N
Hazardous Material Type: Not reported

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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2020-10-21T00:40:01.000
Chemical Name: Waste Aromatic Isoexter Process water
Common Name: Waste Aromatic Isoexter Process water
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0245469
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-21T00:40:01.000
Chemical Name: Waste Ansol
Common Name: Waste Ansol
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0245470
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-21T00:40:01.000
Chemical Name: Waste, Biohazardous
Common Name: Waste, Biohazardous
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0245471
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-10-21T00:40:01.000
Chemical Name: Waste, Sharps(Biohazard)
Common Name: Waste, Sharps(Biohazard)
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277651
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: A-106 Algacide
Common Name: Algacide
Case Number: 31512-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277652
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: Aqua-sol 20/20

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GENERAL ATOMICS (Continued)

S100732801

Common Name: Aqua-sol 20/20
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277653
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: SODIUM HYDROXIDE SOLID
Common Name: SODIUM HYDROXIDE SOLID
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277654
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: Nitrogen Gas
Common Name: Nitrogen Gas
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277672
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-21T00:39:58.000
Chemical Name: CARBON DIOXIDE
Common Name: CARBON DIOXIDE
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209160
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: DIBORANE: COMPRESSED GAS
Common Name: DIBORANE: COMPRESSED GAS
Case Number: 19287-45-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257129
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: n-Propyl Bromide
Common Name: Ensolve
Case Number: Not reported

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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257130
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: Uranium, Depleted
Common Name: Uranium, Depleted
Case Number: 7440-61-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257131
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: A-106 Algacide
Common Name: Algacide
Case Number: 31512-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257132
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: Aqua-sol 20/20
Common Name: Aqua-sol 20/20
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257133
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: SODIUM HYDROXIDE SOLID
Common Name: SODIUM HYDROXIDE SOLID
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257134
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: Nitrogen Gas
Common Name: Nitrogen Gas
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

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GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257135
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: SULFUR HEXAFLUORIDE
Common Name: SULFUR HEXAFLUORIDE
Case Number: 2551-62-4

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257136
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: 10% NITROGEN 90% ARGON
Common Name: 10% NITROGEN 90% ARGON
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257137
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: 7423 MICROBIOCIDE
Common Name: 7423 MICROBIOCIDE
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257138
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: DEUTERIUM, D2, 99%
Common Name: Heavy Hydrogen
Case Number: 7782-39-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257139
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: DIBORANE: COMPRESSED GAS
Common Name: DIBORANE: COMPRESSED GAS
Case Number: 19287-45-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257140

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GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: HELIUM COMPRESSED GAS
Common Name: HELIUM COMPRESSED GAS
Case Number: 7440-59-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257141
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: HELIUM, LIQUID
Common Name: HELIUM, LIQUID
Case Number: 7740-59-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257142
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: METHANE, CH4,99%, COMPRESSED GAS.
Common Name: METHANE, CH4,99%, COMPRESSED GAS.
Case Number: 74-82-8

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257143
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: NEON, COMPRESSED
Common Name: NEON, COMPRESSED
Case Number: 7440-01-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257144
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: OIL, LUBRICATING: VARIOUS WEIGHTS.
Common Name: OIL, LUBRICATING: VARIOUS WEIGHTS.
Case Number: 8002-05-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257145
Trade Secret: N
Hazardous Material Type: Pure

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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2020-03-26T02:30:04.000
Chemical Name: AIR, COMPRESSED GAS.
Common Name: AIR, COMPRESSED GAS.
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257146
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: BACTICIDE
Common Name: BACTICIDE
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257147
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: DIALAX TRANSFORMER OIL
Common Name: DIALAX TRANSFORMER OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257148
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: NEAR-A-LARD 190M; NAPHTHA
Common Name: NEAR-A-LARD 190M; NAPHTHA
Case Number: 8030-31-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257149
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: NITROGEN, LIQUID:
Common Name: NITROGEN, LIQUID:
Case Number: 7737-27-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257150
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: NM40

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GENERAL ATOMICS (Continued)

S100732801

Common Name: NM40
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257151
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: PSS-841
Common Name: PSS-841
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257152
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: CARBON DIOXIDE
Common Name: CARBON DIOXIDE
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257153
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: Petroleum Naphtha, Hydrotreated Heavy
Common Name: Petroleum Naphtha, Hydrotreated Heavy
Case Number: 64742-48-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257154
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: Isopropyl Alcohol
Common Name: Isopropyl Alcohol
Case Number: 67-63-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257155
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: Caustic Soda 15%
Common Name: Sodium Hydroxide 15%
Case Number: 1310-73-2

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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257156
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: Tetrahydromethylphthalic anhydride
Common Name: ARADUR HY918
Case Number: 11070-44-3

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257157
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: Tetrafluoromethane
Common Name: Carbon Tetrafluoride
Case Number: 75-73-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257158
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: CARBON DIOXIDE, LIQUID
Common Name: CARBON DIOXIDE, LIQUID
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257159
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: Mayospense 7700-15
Common Name: Mayospense 7700-15
Case Number: 31512-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257160
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: Isopropanol 99%
Common Name: Isopropanol 99%
Case Number: 67-63-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

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GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257164
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: DIESEL FUEL
Common Name: DIESEL FUEL
Case Number: 68334-30-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257165
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: Carbon Tetrachloride and Carbon disulfide
Common Name: CTC
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257166
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: Tetrabromobisphenol A (TBBA)
Common Name: FR-1524 (Tetrabromobisphenol A (TBBA))
Case Number: 79-94-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257167
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: ANSOL ANG-77 (Dilute)
Common Name: ANSOL ANG-77 (Dilute)
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257168
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: Turbine Oil R&O 100-S
Common Name: Turbine Oil R&O 100-S
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257169

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GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: Hydrochloric Acid 31-33%
Common Name: Muriatic Acid
Case Number: 7647-01-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257170
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: Argon, Liquid
Common Name: Argon, Liquid
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257171
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: Boron Trichloride
Common Name: Boron Trichloride
Case Number: 10294-34-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257172
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: SULFUR DIOXIDE
Common Name: SULFUR DIOXIDE
Case Number: 7446-09-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257173
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: CARBON MONOXIDE
Common Name: CARBON MONOXIDE
Case Number: 630-08-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257174
Trade Secret: N
Hazardous Material Type: Pure

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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2020-03-26T02:30:04.000
Chemical Name: Sulfuric Acid
Common Name: Sulfuric Acid
Case Number: 7664-93-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257175
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: ETHYLENE GLYCOL
Common Name: ETHYLENE GLYCOL
Case Number: 107-21-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257176
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: ARGON COMPRESSED
Common Name: ARGON COMPRESSED
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257177
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: NITROGEN OXIDE
Common Name: NITROGEN OXIDE
Case Number: 10024-97-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257178
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: PROPANE
Common Name: LIQUEFIED PETROLEUM GAS (LPG)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257179
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: ANHYDROUS AMMONIA

Map ID
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Common Name: AMMONIA
Case Number: 7664-41-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257180
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: METHYLTRICHLOROSILANE
Common Name: METHYLTRICHLOROSILANE
Case Number: 75-79-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257181
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: ACETONE
Common Name: ACETONE
Case Number: 67-64-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257182
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: CHLORINE
Common Name: CHLORINE
Case Number: 7782-50-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257183
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: CHLORINATED FLUOROCARBON (FREON 113)
Common Name: CHLORINATED FLUOROCARBON (FREON 113)
Case Number: 76-13-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257184
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: ACETYLENE
Common Name: ACETYLENE
Case Number: 74-86-2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257185
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: 1,1,1,2-tetrafluoroethane
Common Name: 1,1,1,2-tetrafluoroethane
Case Number: 811-97-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257186
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: HYDROGEN
Common Name: HYDROGEN
Case Number: 1333-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257187
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: Ammonium Hydroxide
Common Name: Ammonium Hydroxide
Case Number: 1336-21-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257188
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: Ethanol
Common Name: Ethyl Alcohol
Case Number: 64-17-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257189
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: OXYGEN
Common Name: OXYGEN
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

Map ID
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Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257190
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: Deuterium
Common Name: Deuterium
Case Number: 7782-39-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0227831
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-26T02:30:07.000
Chemical Name: Waste,Oil Contaminated Debris
Common Name: Waste,Oil Contaminated Debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0227832
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-26T02:30:07.000
Chemical Name: Waste,Mixed Acid
Common Name: Waste,Mixed Acid
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0227833
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-26T02:30:07.000
Chemical Name: Waste Solids containing Corrosive liquid
Common Name: Waste, Lab Acidic solids
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0227834
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-26T02:30:07.000
Chemical Name: Waste Corrosive liquid, basic inorganic
Common Name: Waste, Photo developing liquids, basic
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0227835

Map ID
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MAP FINDINGS

Site

EDR ID Number
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Database(s)

GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-26T02:30:07.000
Chemical Name: Waste Flammable Liquids
Common Name: Waste, Mixed Solvents
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0227836
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-26T02:30:07.000
Chemical Name: Waste Solids containing Flammable Liquids.(Acetone, Isopropyl Alcohol, Acetonitrile)
Common Name: Waste, Lab Debris/paint Debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0227837
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-26T02:30:07.000
Chemical Name: WASTE PAINT
Common Name: Waste Paint
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0227838
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-26T02:30:07.000
Chemical Name: Waste Corrosive liquids, oxidizing
Common Name: Waste Pirahna Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0227839
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-26T02:30:07.000
Chemical Name: Gold Sulfite Plating Solution
Common Name: Waste Gold Sulfite Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0227840
Trade Secret: N
Hazardous Material Type: Not reported

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MAP FINDINGS

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Database(s)

GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2020-03-26T02:30:07.000
Chemical Name: Non-RCRA Hazardous Waste Solid(Beryllium contaminated debris)
Common Name: Waste Beryllium contaminated debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0227841
Trade Secret: N
Hazardous Material Type: Not reported

Last Updated: 2020-03-26T02:30:07.000
Chemical Name: Non-RCRA Hazardous Waste Liquid(Castor Oil)
Common Name: Waste Non PCB capacitors
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0227842
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-26T02:30:07.000
Chemical Name: Waste Flammable Liquids, n.o.s. (Epoxy Resin, MEK)
Common Name: Waste Resins/Adhesive commodity Pack
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0227843
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-26T02:30:07.000
Chemical Name: Waste Resin Solution, flammable
Common Name: Waste Resin Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0227844
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-26T02:30:07.000
Chemical Name: Non-RCRA Hazardous Waste Liquid(Oil)
Common Name: Waste Oil/Water
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0227845
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-26T02:30:07.000
Chemical Name: Waste Ammonia Solutions

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MAP FINDINGS

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Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Common Name: Waste Ammonia Hydroxide and Carbon
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0227846
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-26T02:30:07.000
Chemical Name: Waste Aerosols
Common Name: Waste Aerosols
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0227847
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-26T02:30:07.000
Chemical Name: Waste Batteries, wet, filled with acid
Common Name: Waste lead acid batteries
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0227848
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-26T02:30:07.000
Chemical Name: Waste Oil
Common Name: Waste Oil
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0227849
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-26T02:30:07.000
Chemical Name: Waste Aromatic Isoexter Process water
Common Name: Waste Aromatic Isoexter Process water
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0227850
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-26T02:30:07.000
Chemical Name: Waste Ansol
Common Name: Waste Ansol
Case Number: Not reported

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MAP FINDINGS

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Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309979
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: 7423 MICROBIOCIDE
Common Name: 7423 MICROBIOCIDE
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310021
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-05T02:31:53.000
Chemical Name: ANHYDROUS AMMONIA
Common Name: AMMONIA
Case Number: 7664-41-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277982
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-11-05T02:31:54.000
Chemical Name: Waste Oil
Common Name: Waste Oil
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313090
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: AIR, COMPRESSED GAS.
Common Name: AIR, COMPRESSED GAS.
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313091
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: BACTICIDE
Common Name: BACTICIDE
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

Map ID
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MAP FINDINGS

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EDR ID Number
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Database(s)

GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313092
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: DIALAX S2 ZX-A
Common Name: Shell Diala S2 ZX-A
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313095
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: NM40
Common Name: NM40
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313102
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Mayospense 7700-15
Common Name: Mayospense 7700-15
Case Number: 31512-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313103
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Sodium Hydroxide 50% solution
Common Name: Sodium Hydroxide 50% solution
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313104
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Dowtherm SR-1 Heat Transfer Fluid, Dyed
Common Name: Dowtherm SR-1 Heat Transfer Fluid, Dyed
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313113

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MAP FINDINGS

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Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: PROPANE
Common Name: LIQUEFIED PETROLEUM GAS (LPG)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313114
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Ammonium Hydroxide
Common Name: Ammonium Hydroxide
Case Number: 1336-21-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313115
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: OXYGEN
Common Name: OXYGEN
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313116
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Deuterium
Common Name: Deuterium
Case Number: 7782-39-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313117
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Argon, Liquid
Common Name: Argon, Liquid
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313118
Trade Secret: N
Hazardous Material Type: Pure

Map ID
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MAP FINDINGS

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Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Boron Trichloride
Common Name: Boron Trichloride
Case Number: 10294-34-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313119
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: SULFUR DIOXIDE
Common Name: SULFUR DIOXIDE
Case Number: 7446-09-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313120
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: CARBON MONOXIDE
Common Name: CARBON MONOXIDE
Case Number: 630-08-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313121
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Sulfuric Acid
Common Name: Sulfuric Acid
Case Number: 7664-93-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313122
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: ETHYLENE GLYCOL
Common Name: ETHYLENE GLYCOL
Case Number: 107-21-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313123
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: ARGON COMPRESSED

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MAP FINDINGS

Site

Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Common Name: ARGON COMPRESSED
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313124
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: ANHYDROUS AMMONIA
Common Name: AMMONIA
Case Number: 7664-41-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313125
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: METHYLTRICHLOROSILANE
Common Name: METHYLTRICHLOROSILANE
Case Number: 75-79-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313126
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: CHLORINE
Common Name: CHLORINE
Case Number: 7782-50-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313129
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: 1,1,1,2-tetrafluoroethane
Common Name: 1,1,1,2-tetrafluoroethane
Case Number: 811-97-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0280942
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Waste Corrosive liquid, basic inorganic
Common Name: Waste, Photo developing liquids, basic
Case Number: Not reported

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MAP FINDINGS

Site

Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0280946
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Waste Corrosive liquids, oxidizing
Common Name: Waste Pirahna Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0280955
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Corrosive Solvent Waste
Common Name: Corrosive Solvent Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0280956
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: NGM Feed Waste
Common Name: NGM Feed Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143791
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: n-Propyl Bromide
Common Name: Ensolve
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143792
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Uranium, Depleted
Common Name: Uranium, Depleted
Case Number: 7440-61-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143793
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: A-106 Algacide
Common Name: Algacide
Case Number: 31512-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143794
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Aqua-sol 20/20
Common Name: Aqua-sol 20/20
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143795
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: SODIUM HYDROXIDE SOLID
Common Name: SODIUM HYDROXIDE SOLID
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143796
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: SODIUM HYPOCHLORITE >12.5%-15%
Common Name: SODIUM HYPOCHLORITE >12.5%-15%
Case Number: 7681-52-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143797
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Nitrogen Gas
Common Name: Nitrogen Gas
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143798

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: SULFUR HEXAFLUORIDE
Common Name: SULFUR HEXAFLUORIDE
Case Number: 2551-62-4

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143799
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: 10% NITROGEN 90% ARGON
Common Name: 10% NITROGEN 90% ARGON
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143800
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: 7423 MICROBIOCIDE
Common Name: 7423 MICROBIOCIDE
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143801
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: DEUTERIUM, D2, 99%
Common Name: Heavy Hydrogen
Case Number: 7782-39-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143802
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: DIBORANE: COMPRESSED GAS
Common Name: DIBORANE: COMPRESSED GAS
Case Number: 19287-45-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143803
Trade Secret: N
Hazardous Material Type: Pure

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2017-08-19T02:34:41.000
Chemical Name: HELIUM COMPRESSED GAS
Common Name: HELIUM COMPRESSED GAS
Case Number: 7440-59-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143804
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: HELIUM, LIQUID
Common Name: HELIUM, LIQUID
Case Number: 7740-59-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143805
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: METHANE, CH4,99%, COMPRESSED GAS.
Common Name: METHANE, CH4,99%, COMPRESSED GAS.
Case Number: 74-82-8

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143806
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: NEON, COMPRESSED
Common Name: NEON, COMPRESSED
Case Number: 7440-01-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143807
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: OIL, LUBRICATING: VARIOUS WEIGHTS.
Common Name: OIL, LUBRICATING: VARIOUS WEIGHTS.
Case Number: 8002-05-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143808
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: AIR, COMPRESSED GAS.

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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Common Name: AIR, COMPRESSED GAS.
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143809
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: BACTICIDE
Common Name: BACTICIDE
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143810
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: DIALAX TRANSFORMER OIL
Common Name: DIALAX TRANSFORMER OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143811
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: NEAR-A-LARD 190M; NAPHTHA
Common Name: NEAR-A-LARD 190M; NAPHTHA
Case Number: 8030-31-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143812
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: NITROGEN, LIQUID:
Common Name: NITROGEN, LIQUID:
Case Number: 7737-27-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143813
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: NM40
Common Name: NM40
Case Number: Not reported

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MAP FINDINGS

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Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143814
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: PSS-841
Common Name: PSS-841
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143815
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: CARBON DIOXIDE
Common Name: CARBON DIOXIDE
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143816
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: 4-chlorobenzotrifluoride
Common Name: PCBTF (Parachlorobenzotrifluoride)
Case Number: 98-56-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143817
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Petroleum Naphtha, Hydrotreated Heavy
Common Name: OMS
Case Number: 64742-48-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143818
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Isopropyl Alcohol 70%
Common Name: Isopropyl Alcohol 70%
Case Number: 67-63-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

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MAP FINDINGS

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EDR ID Number
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Database(s)

GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143819
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Caustic Soda 15%
Common Name: Sodium Hydroxide 15%
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143820
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Simulant (munitions)
Common Name: Simulant (munitions)
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143821
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Tetrahydromethylphthalic anhydride
Common Name: ARADUR HY918
Case Number: 11070-44-3

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143822
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Argon, Liquid
Common Name: Argon, Liquid
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143823
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Boron Trichloride
Common Name: Boron Trichloride
Case Number: 10294-34-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143824

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MAP FINDINGS

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Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: SULFUR DIOXIDE
Common Name: SULFUR DIOXIDE
Case Number: 7446-09-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143825
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: CARBON MONOXIDE
Common Name: CARBON MONOXIDE
Case Number: 630-08-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143826
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: ETHYLENE GLYCOL
Common Name: ETHYLENE GLYCOL
Case Number: 107-21-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143827
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: ARGON COMPRESSED
Common Name: ARGON COMPRESSED
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143828
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Carbon Tetrafluoride
Common Name: Carbon Tetrafluoride
Case Number: 75-73-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143829
Trade Secret: N
Hazardous Material Type: Pure

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Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2017-08-19T02:34:41.000
Chemical Name: NITROGEN OXIDE
Common Name: NITROGEN OXIDE
Case Number: 10024-97-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143830
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: PROPANE
Common Name: LIQUEFIED PETROLEUM GAS (LPG)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143831
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: DIESEL FUEL
Common Name: DIESEL FUEL
Case Number: 68334-30-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143832
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: ANHYDROUS AMMONIA
Common Name: AMMONIA
Case Number: 7664-41-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143833
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: METHYLTRICHLOROSILANE
Common Name: METHYLTRICHLOROSILANE
Case Number: 75-79-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143834
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: ACETONE

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GENERAL ATOMICS (Continued)

S100732801

Common Name: ACETONE
Case Number: 67-64-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143835
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: CHLORINE
Common Name: CHLORINE
Case Number: 7782-50-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143836
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: CHLORINATED FLUOROCARBON (FREON 113)
Common Name: CHLORINATED FLUOROCARBON (FREON 113)
Case Number: 76-13-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143837
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: CARBON DIOXIDE, LIQUID
Common Name: CARBON DIOXIDE, LIQUID
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143838
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: ACETYLENE
Common Name: ACETYLENE
Case Number: 74-86-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143839
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: HYDROGEN
Common Name: HYDROGEN
Case Number: 1333-74-0

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MAP FINDINGS

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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143840
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Ammonium Hydroxide
Common Name: Ammonium Hydroxide
Case Number: 1336-21-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143841
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Ethanol
Common Name: Ethyl Alcohol
Case Number: 64-17-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143842
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: OXYGEN
Common Name: OXYGEN
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143843
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Methane, trifluoro-
Common Name: HFC-23
Case Number: 75-46-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143844
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Deuterium
Common Name: Deuterium
Case Number: 7782-39-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

Map ID
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MAP FINDINGS

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Database(s)

GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143845
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: ARALDITE GY 282
Common Name: bisphenol F-epoxy resin
Case Number: 9003-36-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143846
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Mayospense 7700-15
Common Name: Mayospense 7700-15
Case Number: 31512-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0122553
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Waste,Oil Contaminated Debris
Common Name: Waste,Oil Contaminated Debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0122554
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Waste,Mixed Acid
Common Name: Waste,Mixed Acid
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0122555
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Waste Solids containing Corrosive liquid
Common Name: Waste, Lab Acidic solids
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0122556

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MAP FINDINGS

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EDR ID Number
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Database(s)

GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Waste Corrosive liquid, basic inorganic
Common Name: Waste, Photo developing liquids, basic
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0122557
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Waste Flammable Liquids
Common Name: Waste, Mixed Solvents
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0122558
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Waste Solids containing Flammable Liquids.(Acetone, Isopropyl Alcohol, Acetonitrile)
Common Name: Waste, Lab Debris/paint Debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0122559
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: WASTE PAINT
Common Name: Waste Paint
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0122560
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Waste Corrosive liquids, oxidizing
Common Name: Waste Pirahna Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0122561
Trade Secret: N
Hazardous Material Type: Not reported

Map ID
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MAP FINDINGS

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Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Gold Sulfite Plating Solution
Common Name: Waste Gold Sulfite Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0122562
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Non-RCRA Hazardous Waste Solid(Beryllium contaminated debris)
Common Name: Waste Beryllium contaminated debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0122563
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Non-RCRA Hazardous Waste Liquid(Castor Oil)
Common Name: Waste Non PCB capacitors
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0122564
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Waste Flammable Liquids, n.o.s. (Epoxy Resin, MEK)
Common Name: Waste Resins/Adhesive commodity Pack
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0122565
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Waste Resin Solution, flammable
Common Name: Waste Resin Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0122566
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Non-RCRA Hazardous Waste Liquid(Oil)

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Common Name: Waste Oil/Water
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0122567
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Waste Ammonia Solutions
Common Name: Waste Ammonia Hydroxide and Carbon
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0122568
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Waste Aerosols
Common Name: Waste Aerosols
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0122569
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Waste Batteries, wet, filled with acid
Common Name: Waste lead acid batteries
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0122570
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Waste Simulant
Common Name: Waste Simulant
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0122571
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-08-19T02:34:41.000
Chemical Name: Waste Oil
Common Name: Waste Oil
Case Number: Not reported

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MAP FINDINGS

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Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209150
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: n-Propyl Bromide
Common Name: Ensolve
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209151
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: Uranium, Depleted
Common Name: Uranium, Depleted
Case Number: 7440-61-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209152
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: A-106 Algacide
Common Name: Algacide
Case Number: 31512-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209153
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: Aqua-sol 20/20
Common Name: Aqua-sol 20/20
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209154
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: SODIUM HYDROXIDE SOLID
Common Name: SODIUM HYDROXIDE SOLID
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

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Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209155
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: Nitrogen Gas
Common Name: Nitrogen Gas
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209156
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: SULFUR HEXAFLUORIDE
Common Name: SULFUR HEXAFLUORIDE
Case Number: 2551-62-4

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209157
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: 10% NITROGEN 90% ARGON
Common Name: 10% NITROGEN 90% ARGON
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209158
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: 7423 MICROBIOCIDE
Common Name: 7423 MICROBIOCIDE
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209159
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: DEUTERIUM, D2, 99%
Common Name: Heavy Hydrogen
Case Number: 7782-39-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209161

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Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: HELIUM COMPRESSED GAS
Common Name: HELIUM COMPRESSED GAS
Case Number: 7440-59-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209162
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: HELIUM, LIQUID
Common Name: HELIUM, LIQUID
Case Number: 7740-59-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209163
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: METHANE, CH4,99%, COMPRESSED GAS.
Common Name: METHANE, CH4,99%, COMPRESSED GAS.
Case Number: 74-82-8

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209164
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: NEON, COMPRESSED
Common Name: NEON, COMPRESSED
Case Number: 7440-01-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209165
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: OIL, LUBRICATING: VARIOUS WEIGHTS.
Common Name: OIL, LUBRICATING: VARIOUS WEIGHTS.
Case Number: 8002-05-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209166
Trade Secret: N
Hazardous Material Type: Pure

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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2020-03-19T05:35:42.000
Chemical Name: AIR, COMPRESSED GAS.
Common Name: AIR, COMPRESSED GAS.
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209167
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: BACTICIDE
Common Name: BACTICIDE
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209168
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: DIALAX TRANSFORMER OIL
Common Name: DIALAX TRANSFORMER OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209169
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: NEAR-A-LARD 190M; NAPTHA
Common Name: NEAR-A-LARD 190M; NAPTHA
Case Number: 8030-31-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209171
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: NM40
Common Name: NM40
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209172
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: PSS-841

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GENERAL ATOMICS (Continued)

S100732801

Common Name: PSS-841
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209173
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: CARBON DIOXIDE
Common Name: CARBON DIOXIDE
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209174
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: Petroleum Naphtha, Hydrotreated Heavy
Common Name: Petroleum Naphtha, Hydrotreated Heavy
Case Number: 64742-48-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209175
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: Isopropyl Alcohol
Common Name: Isopropyl Alcohol
Case Number: 67-63-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209176
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: Caustic Soda 15%
Common Name: Sodium Hydroxide 15%
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209177
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: Simulant (munitions)
Common Name: Simulant (munitions)
Case Number: Not reported

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Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209178
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: Tetrahydromethylphthalic anhydride
Common Name: ARADUR HY918
Case Number: 11070-44-3

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209179
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: Tetrafluoromethane
Common Name: Carbon Tetrafluoride
Case Number: 75-73-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209180
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: CARBON DIOXIDE, LIQUID
Common Name: CARBON DIOXIDE, LIQUID
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209181
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: Mayospense 7700-15
Common Name: Mayospense 7700-15
Case Number: 31512-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209182
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: O-chlorobenzylidenemalononitrile
Common Name: O-chlorobenzylidenemalononitrile
Case Number: 2698-41-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

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MAP FINDINGS

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Database(s)

GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209185
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: Dowtherm SR-1 Heat Transfer Fluid, Dyed
Common Name: Dowtherm SR-1 Heat Transfer Fluid, Dyed
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209186
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: Dry-Kiln Condensate
Common Name: Dry-Kiln Condensate
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209187
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: Argon, Liquid
Common Name: Argon, Liquid
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209190
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: CARBON MONOXIDE
Common Name: CARBON MONOXIDE
Case Number: 630-08-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209192
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: ARGON COMPRESSED
Common Name: ARGON COMPRESSED
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209194

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Database(s)

GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: PROPANE
Common Name: LIQUEFIED PETROLEUM GAS (LPG)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209195
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: DIESEL FUEL
Common Name: DIESEL FUEL
Case Number: 68334-30-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209196
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: ANHYDROUS AMMONIA
Common Name: AMMONIA
Case Number: 7664-41-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209197
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: METHYLTRICHLOROSILANE
Common Name: METHYLTRICHLOROSILANE
Case Number: 75-79-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209198
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: ACETONE
Common Name: ACETONE
Case Number: 67-64-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209199
Trade Secret: N
Hazardous Material Type: Pure

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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2020-03-19T05:35:42.000
Chemical Name: CHLORINE
Common Name: CHLORINE
Case Number: 7782-50-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209200
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: CHLORINATED FLUOROCARBON (FREON 113)
Common Name: CHLORINATED FLUOROCARBON (FREON 113)
Case Number: 76-13-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209202
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: 1,1,1,2-tetrafluoroethane
Common Name: 1,1,1,2-tetrafluoroethane
Case Number: 811-97-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209203
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: HYDROGEN
Common Name: HYDROGEN
Case Number: 1333-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209204
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: Ammonium Hydroxide
Common Name: Ammonium Hydroxide
Case Number: 1336-21-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209206
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: OXYGEN

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GENERAL ATOMICS (Continued)

S100732801

Common Name: OXYGEN
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209207
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: Deuterium
Common Name: Deuterium
Case Number: 7782-39-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209208
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: ANG-77(ANSOL)
Common Name: ANG-77(ANSOL)
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181666
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-19T05:35:44.000
Chemical Name: Waste,Mixed Acid
Common Name: Waste,Mixed Acid
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181667
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-19T05:35:44.000
Chemical Name: Waste Solids containing Corrosive liquid
Common Name: Waste, Lab Acidic solids
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181668
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-19T05:35:44.000
Chemical Name: Waste Corrosive liquid, basic inorganic
Common Name: Waste, Photo developing liquids, basic
Case Number: Not reported

Map ID
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MAP FINDINGS

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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181669
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-19T05:35:44.000
Chemical Name: Waste Flammable Liquids
Common Name: Waste, Mixed Solvents
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181670
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-19T05:35:44.000
Chemical Name: Waste Solids containing Flammable Liquids.(Acetone, Isopropyl Alcohol, Acetonitrile)
Common Name: Waste, Lab Debris/paint Debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181671
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-19T05:35:44.000
Chemical Name: WASTE PAINT
Common Name: Waste Paint
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181672
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-19T05:35:44.000
Chemical Name: Waste Corrosive liquids, oxidizing
Common Name: Waste Pirahna Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181673
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-19T05:35:44.000
Chemical Name: Gold Sulfite Plating Solution
Common Name: Waste Gold Sulfite Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

Map ID
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MAP FINDINGS

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GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2019-HWAST-0181674
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-19T05:35:44.000
Chemical Name: Non-RCRA Hazardous Waste Solid(Beryllium contaminated debris)
Common Name: Waste Beryllium contaminated debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181675
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-19T05:35:44.000
Chemical Name: Non-RCRA Hazardous Waste Liquid(Castor Oil)
Common Name: Waste Non PCB capacitors
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181677
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-19T05:35:44.000
Chemical Name: Waste Resin Solution, flammable
Common Name: Waste Resin Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181678
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-19T05:35:44.000
Chemical Name: Non-RCRA Hazardous Waste Liquid(Oil)
Common Name: Waste Oil/Water
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181679
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-19T05:35:44.000
Chemical Name: Waste Ammonia Solutions
Common Name: Waste Ammonia Hydroxide and Carbon
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181680

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MAP FINDINGS

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GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-19T05:35:44.000
Chemical Name: Waste Aerosols
Common Name: Waste Aerosols
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181681
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-19T05:35:44.000
Chemical Name: Waste Batteries, wet, filled with acid
Common Name: Waste lead acid batteries
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181683
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-19T05:35:44.000
Chemical Name: Waste Oil
Common Name: Waste Oil
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200643
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: n-Propyl Bromide
Common Name: Ensolve
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200644
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: Uranium, Depleted
Common Name: Uranium, Depleted
Case Number: 7440-61-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200645
Trade Secret: N
Hazardous Material Type: Pure

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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2018-11-21T13:08:20.000
Chemical Name: A-106 Algacide
Common Name: Algacide
Case Number: 31512-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200646
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: Aqua-sol 20/20
Common Name: Aqua-sol 20/20
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200647
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: SODIUM HYDROXIDE SOLID
Common Name: SODIUM HYDROXIDE SOLID
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200648
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: Nitrogen Gas
Common Name: Nitrogen Gas
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200649
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: SULFUR HEXAFLUORIDE
Common Name: SULFUR HEXAFLUORIDE
Case Number: 2551-62-4

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200650
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: 10% NITROGEN 90% ARGON

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MAP FINDINGS

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Database(s)

GENERAL ATOMICS (Continued)

S100732801

Common Name: 10% NITROGEN 90% ARGON
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200651
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: 7423 MICROBIOCIDE
Common Name: 7423 MICROBIOCIDE
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200652
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: DEUTERIUM, D2, 99%
Common Name: Heavy Hydrogen
Case Number: 7782-39-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200653
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: DIBORANE: COMPRESSED GAS
Common Name: DIBORANE: COMPRESSED GAS
Case Number: 19287-45-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200654
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: HELIUM COMPRESSED GAS
Common Name: HELIUM COMPRESSED GAS
Case Number: 7440-59-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200655
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: HELIUM, LIQUID
Common Name: HELIUM, LIQUID
Case Number: 7740-59-7

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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200656
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: METHANE, CH4,99%, COMPRESSED GAS.
Common Name: METHANE, CH4,99%, COMPRESSED GAS.
Case Number: 74-82-8

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200657
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: NEON, COMPRESSED
Common Name: NEON, COMPRESSED
Case Number: 7440-01-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200658
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: OIL, LUBRICATING: VARIOUS WEIGHTS.
Common Name: OIL, LUBRICATING: VARIOUS WEIGHTS.
Case Number: 8002-05-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200659
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: AIR, COMPRESSED GAS.
Common Name: AIR, COMPRESSED GAS.
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200660
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: BACTICIDE
Common Name: BACTICIDE
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

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GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200661
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: DIALAX TRANSFORMER OIL
Common Name: DIALAX TRANSFORMER OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200662
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: NEAR-A-LARD 190M; NAPTHA
Common Name: NEAR-A-LARD 190M; NAPTHA
Case Number: 8030-31-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200663
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: NITROGEN, LIQUID:
Common Name: NITROGEN, LIQUID:
Case Number: 7737-27-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200664
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: NM40
Common Name: NM40
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200665
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: PSS-841
Common Name: PSS-841
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200666

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GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: CARBON DIOXIDE
Common Name: CARBON DIOXIDE
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200667
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: Petroleum Naphtha, Hydrotreated Heavy
Common Name: Petroleum Naphtha, Hydrotreated Heavy
Case Number: 64742-48-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200668
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: Isopropyl Alcohol
Common Name: Isopropyl Alcohol
Case Number: 67-63-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200669
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: Caustic Soda 15%
Common Name: Sodium Hydroxide 15%
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200670
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: Simulant (munitions)
Common Name: Simulant (munitions)
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200671
Trade Secret: N
Hazardous Material Type: Pure

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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2018-11-21T13:08:20.000
Chemical Name: Tetrahydromethylphthalic anhydride
Common Name: ARADUR HY918
Case Number: 11070-44-3

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200672
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: Tetrafluoromethane
Common Name: Carbon Tetrafluoride
Case Number: 75-73-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200673
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: CARBON DIOXIDE, LIQUID
Common Name: CARBON DIOXIDE, LIQUID
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200674
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: Mayospense 7700-15
Common Name: Mayospense 7700-15
Case Number: 31512-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200675
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: O-chlorobenzylidenemalononitrile
Common Name: O-chlorobenzylidenemalononitrile
Case Number: 2698-41-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200676
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: Isopropanol 99%

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GENERAL ATOMICS (Continued)

S100732801

Common Name: Isopropanol 99%
Case Number: 67-63-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200677
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: Sodium Hydroxide 25% solution
Common Name: Sodium Hydroxide 25% solution
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200678
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: Argon, Liquid
Common Name: Argon, Liquid
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200679
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: Boron Trichloride
Common Name: Boron Trichloride
Case Number: 10294-34-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200680
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: SULFUR DIOXIDE
Common Name: SULFUR DIOXIDE
Case Number: 7446-09-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200681
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: CARBON MONOXIDE
Common Name: CARBON MONOXIDE
Case Number: 630-08-0

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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200682
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: ETHYLENE GLYCOL
Common Name: ETHYLENE GLYCOL
Case Number: 107-21-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200683
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: ARGON COMPRESSED
Common Name: ARGON COMPRESSED
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200684
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: NITROGEN OXIDE
Common Name: NITROGEN OXIDE
Case Number: 10024-97-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200685
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: PROPANE
Common Name: LIQUEFIED PETROLEUM GAS (LPG)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200686
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: DIESEL FUEL
Common Name: DIESEL FUEL
Case Number: 68334-30-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

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GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200687
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: ANHYDROUS AMMONIA
Common Name: AMMONIA
Case Number: 7664-41-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200688
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: METHYLTRICHLOROSILANE
Common Name: METHYLTRICHLOROSILANE
Case Number: 75-79-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200689
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: ACETONE
Common Name: ACETONE
Case Number: 67-64-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200690
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: CHLORINE
Common Name: CHLORINE
Case Number: 7782-50-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200691
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: CHLORINATED FLUOROCARBON (FREON 113)
Common Name: CHLORINATED FLUOROCARBON (FREON 113)
Case Number: 76-13-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200692

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GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: ACETYLENE
Common Name: ACETYLENE
Case Number: 74-86-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200693
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: 1,1,1,2-tetrafluoroethane
Common Name: 1,1,1,2-tetrafluoroethane
Case Number: 811-97-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200694
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: HYDROGEN
Common Name: HYDROGEN
Case Number: 1333-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200695
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: Ammonium Hydroxide
Common Name: Ammonium Hydroxide
Case Number: 1336-21-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200696
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: Ethanol
Common Name: Ethyl Alcohol
Case Number: 64-17-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200697
Trade Secret: N
Hazardous Material Type: Pure

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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2018-11-21T13:08:20.000
Chemical Name: OXYGEN
Common Name: OXYGEN
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200698
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: Deuterium
Common Name: Deuterium
Case Number: 7782-39-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200699
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: Dowtherm SR-1 Heat Transfer Fluid, Dyed
Common Name: Dowtherm SR-1 Heat Transfer Fluid, Dyed
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200700
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-11-21T13:08:20.000
Chemical Name: Dry-Kiln Condensate
Common Name: Dry-Kiln Condensate
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0172790
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-11-21T13:08:23.000
Chemical Name: Waste,Oil Contaminated Debris
Common Name: Waste,Oil Contaminated Debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0172791
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-11-21T13:08:23.000
Chemical Name: Waste,Mixed Acid

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GENERAL ATOMICS (Continued)

S100732801

Common Name:	Waste,Mixed Acid
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-114873
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0172792
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-11-21T13:08:23.000
Chemical Name:	Waste Solids containing Corrosive liquid
Common Name:	Waste, Lab Acidic solids
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-114873
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0172793
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-11-21T13:08:23.000
Chemical Name:	Waste Corrosive liquid, basic inorganic
Common Name:	Waste, Photo developing liquids, basic
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-114873
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0172794
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-11-21T13:08:23.000
Chemical Name:	Waste Flammable Liquids
Common Name:	Waste, Mixed Solvents
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-114873
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0172795
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-11-21T13:08:23.000
Chemical Name:	Waste Solids containing Flammable Liquids.(Acetone, Isopropyl Alcohol, Acetonitrile)
Common Name:	Waste, Lab Debris/paint Debris
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-114873
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0172796
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-11-21T13:08:23.000
Chemical Name:	WASTE PAINT
Common Name:	Waste Paint
Case Number:	Not reported

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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0172797
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-11-21T13:08:23.000
Chemical Name: Waste Corrosive liquids, oxidizing
Common Name: Waste Pirahna Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0172798
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-11-21T13:08:23.000
Chemical Name: Gold Sulfite Plating Solution
Common Name: Waste Gold Sulfite Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0172799
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-11-21T13:08:23.000
Chemical Name: Non-RCRA Hazardous Waste Solid(Beryllium contaminated debris)
Common Name: Waste Beryllium contaminated debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0172800
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-11-21T13:08:23.000
Chemical Name: Non-RCRA Hazardous Waste Liquid(Castor Oil)
Common Name: Waste Non PCB capacitors
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0172801
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-11-21T13:08:23.000
Chemical Name: Waste Flammable Liquids, n.o.s. (Epoxy Resin, MEK)
Common Name: Waste Resins/Adhesive commodity Pack
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

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GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2018-HWAST-0172802
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-11-21T13:08:23.000
Chemical Name: Waste Resin Solution, flammable
Common Name: Waste Resin Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0172803
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-11-21T13:08:23.000
Chemical Name: Non-RCRA Hazardous Waste Liquid(Oil)
Common Name: Waste Oil/Water
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0172804
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-11-21T13:08:23.000
Chemical Name: Waste Ammonia Solutions
Common Name: Waste Ammonia Hydroxide and Carbon
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0172805
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-11-21T13:08:23.000
Chemical Name: Waste Aerosols
Common Name: Waste Aerosols
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0172806
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-11-21T13:08:23.000
Chemical Name: Waste Batteries, wet, filled with acid
Common Name: Waste lead acid batteries
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0172807

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GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-11-21T13:08:23.000
Chemical Name: Waste Simulant
Common Name: Waste Simulant
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0172808
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-11-21T13:08:23.000
Chemical Name: Waste Oil
Common Name: Waste Oil
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264549
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: SODIUM HYDROXIDE SOLID
Common Name: SODIUM HYDROXIDE SOLID
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264550
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Nitrogen Gas
Common Name: Nitrogen Gas
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264551
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: SULFUR HEXAFLUORIDE
Common Name: SULFUR HEXAFLUORIDE
Case Number: 2551-62-4

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264552
Trade Secret: N
Hazardous Material Type: Mixture

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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2020-08-07T02:31:13.000
Chemical Name: 10% NITROGEN 90% ARGON
Common Name: 10% NITROGEN 90% ARGON
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264553
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: 7423 MICROBIOCIDE
Common Name: 7423 MICROBIOCIDE
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264554
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: DEUTERIUM, D2, 99%
Common Name: Heavy Hydrogen
Case Number: 7782-39-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264555
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: DIBORANE: COMPRESSED GAS
Common Name: DIBORANE: COMPRESSED GAS
Case Number: 19287-45-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264556
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: HELIUM COMPRESSED GAS
Common Name: HELIUM COMPRESSED GAS
Case Number: 7440-59-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264557
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: HELIUM, LIQUID

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GENERAL ATOMICS (Continued)

S100732801

Common Name: HELIUM, LIQUID
Case Number: 7740-59-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264558
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: METHANE, CH4,99%, COMPRESSED GAS.
Common Name: METHANE, CH4,99%, COMPRESSED GAS.
Case Number: 74-82-8

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264559
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: NEON, COMPRESSED
Common Name: NEON, COMPRESSED
Case Number: 7440-01-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264560
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: OIL, LUBRICATING: VARIOUS WEIGHTS.
Common Name: OIL, LUBRICATING: VARIOUS WEIGHTS.
Case Number: 8002-05-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264561
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: AIR, COMPRESSED GAS.
Common Name: AIR, COMPRESSED GAS.
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264562
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: BACTICIDE
Common Name: BACTICIDE
Case Number: Not reported

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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264563
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: DIALAX TRANSFORMER OIL
Common Name: DIALAX TRANSFORMER OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264564
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: NEAR-A-LARD 190M; NAPTHA
Common Name: NEAR-A-LARD 190M; NAPTHA
Case Number: 8030-31-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264565
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: NITROGEN, LIQUID:
Common Name: NITROGEN, LIQUID:
Case Number: 7737-27-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264566
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: NM40
Common Name: NM40
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264567
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: PSS-841
Common Name: PSS-841
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

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GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264568
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: CARBON DIOXIDE
Common Name: CARBON DIOXIDE
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264569
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Petroleum Naphtha, Hydrotreated Heavy
Common Name: Petroleum Naphtha, Hydrotreated Heavy
Case Number: 64742-48-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264570
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Isopropyl Alcohol
Common Name: Isopropyl Alcohol
Case Number: 67-63-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264571
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Caustic Soda 15%
Common Name: Sodium Hydroxide 15%
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264572
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Tetrahydromethylphthalic anhydride
Common Name: ARADUR HY918
Case Number: 11070-44-3

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264573

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GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Tetrafluoromethane
Common Name: Carbon Tetrafluoride
Case Number: 75-73-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264574
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: CARBON DIOXIDE, LIQUID
Common Name: CARBON DIOXIDE, LIQUID
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264575
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Mayosperse 7700-15
Common Name: Mayosperse 7700-15
Case Number: 31512-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264576
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Isopropanol 99%
Common Name: Isopropanol 99%
Case Number: 67-63-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264577
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Sodium Hydroxide 50% solution
Common Name: Sodium Hydroxide 50% solution
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264578
Trade Secret: N
Hazardous Material Type: Mixture

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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Dowtherm SR-1 Heat Transfer Fluid, Dyed
Common Name: Dowtherm SR-1 Heat Transfer Fluid, Dyed
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264579
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Sodium Cresylate RD
Common Name: Sodium Cresylate RD (Koppers)
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264580
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: DIESEL FUEL
Common Name: DIESEL FUEL
Case Number: 68334-30-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264581
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Carbon Tetrachloride and Carbon disulfide
Common Name: CTC
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264582
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Tetrabromobisphenol A (TBBA)
Common Name: FR-1524 (Tetrabromobisphenol A (TBBA))
Case Number: 79-94-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264583
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: ANSOL ANG-77 (Dilute)

Map ID
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MAP FINDINGS

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Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Common Name: ANSOL ANG-77 (Dilute)
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264584
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Turbine Oil R&O 100-S
Common Name: Turbine Oil R&O 100-S
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264585
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Hydrochloric Acid 31-33%
Common Name: Muriatic Acid
Case Number: 7647-01-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264586
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: ACETONE
Common Name: ACETONE
Case Number: 67-64-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264590
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Argon, Liquid
Common Name: Argon, Liquid
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264591
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Boron Trichloride
Common Name: Boron Trichloride
Case Number: 10294-34-5

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264592
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: SULFUR DIOXIDE
Common Name: SULFUR DIOXIDE
Case Number: 7446-09-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264593
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: CARBON MONOXIDE
Common Name: CARBON MONOXIDE
Case Number: 630-08-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264594
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Sulfuric Acid
Common Name: Sulfuric Acid
Case Number: 7664-93-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264595
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: ETHYLENE GLYCOL
Common Name: ETHYLENE GLYCOL
Case Number: 107-21-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264596
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: ARGON COMPRESSED
Common Name: ARGON COMPRESSED
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

Map ID
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Database(s)

GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264597
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: NITROGEN OXIDE
Common Name: NITROGEN OXIDE
Case Number: 10024-97-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264598
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: PROPANE
Common Name: LIQUEFIED PETROLEUM GAS (LPG)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264599
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: ANHYDROUS AMMONIA
Common Name: AMMONIA
Case Number: 7664-41-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264600
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: METHYLTRICHLOROSILANE
Common Name: METHYLTRICHLOROSILANE
Case Number: 75-79-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264601
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: CHLORINE
Common Name: CHLORINE
Case Number: 7782-50-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264602

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Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: CHLORINATED FLUOROCARBON (FREON 113)
Common Name: CHLORINATED FLUOROCARBON (FREON 113)
Case Number: 76-13-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264603
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: ACETYLENE
Common Name: ACETYLENE
Case Number: 74-86-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264604
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: 1,1,1,2-tetrafluoroethane
Common Name: 1,1,1,2-tetrafluoroethane
Case Number: 811-97-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264605
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: HYDROGEN
Common Name: HYDROGEN
Case Number: 1333-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264606
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Ammonium Hydroxide
Common Name: Ammonium Hydroxide
Case Number: 1336-21-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264607
Trade Secret: N
Hazardous Material Type: Pure

Map ID
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MAP FINDINGS

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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Ethanol
Common Name: Ethyl Alcohol
Case Number: 64-17-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264608
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: OXYGEN
Common Name: OXYGEN
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0235110
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Waste,Oil Contaminated Debris
Common Name: Waste,Oil Contaminated Debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0235111
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Waste,Mixed Acid
Common Name: Waste,Mixed Acid
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0235112
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Waste Solids containing Corrosive liquid
Common Name: Waste, Lab Acidic solids
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0235113
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Waste Corrosive liquid, basic inorganic

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GENERAL ATOMICS (Continued)

S100732801

Common Name: Waste, Photo developing liquids, basic
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0235114
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Waste Flammable Liquids
Common Name: Waste, Mixed Solvents
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0235115
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Waste Solids containing Flammable Liquids.(Acetone, Isopropyl Alcohol, Acetonitrile)
Common Name: Waste, Lab Debris/paint Debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0235116
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: WASTE PAINT
Common Name: Waste Paint
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0235117
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Waste Corrosive liquids, oxidizing
Common Name: Waste Pirahna Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0235118
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Gold Sulfite Plating Solution
Common Name: Waste Gold Sulfite Plating Solution
Case Number: Not reported

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Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0235121
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Waste Flammable Liquids, n.o.s. (Epoxy Resin, MEK)
Common Name: Waste Resins/Adhesive commodity Pack
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257161
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: Sodium Hydroxide 50% solution
Common Name: Sodium Hydroxide 50% solution
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257162
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: Dowtherm SR-1 Heat Transfer Fluid, Dyed
Common Name: Dowtherm SR-1 Heat Transfer Fluid, Dyed
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257163
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-26T02:30:04.000
Chemical Name: Sodium Cresylate RD
Common Name: Sodium Cresylate RD (Koppers)
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297513
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: A-106 Algacide
Common Name: Algacide
Case Number: 31512-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

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Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297562
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: CHLORINE
Common Name: CHLORINE
Case Number: 7782-50-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265575
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Waste Oil
Common Name: Waste Oil
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264545
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: n-Propyl Bromide
Common Name: Ensolve
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0235122
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Waste Resin Solution, flammable
Common Name: Waste Resin Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0235123
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Non-RCRA Hazardous Waste Liquid(Oil)
Common Name: Waste Oil/Water
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0235124

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Database(s)

GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Waste Ammonia Solutions
Common Name: Waste Ammonia Hydroxide and Carbon
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0235125
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Waste Aerosols
Common Name: Waste Aerosols
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0235126
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Waste Batteries, wet, filled with acid
Common Name: Waste lead acid batteries
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0235127
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Waste Oil
Common Name: Waste Oil
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0235128
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Waste Aromatic Isoexter Process water
Common Name: Waste Aromatic Isoexter Process water
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0235129
Trade Secret: N
Hazardous Material Type: Not reported

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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Waste Ansol
Common Name: Waste Ansol
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297514
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Aqua-sol 20/20
Common Name: Aqua-sol 20/20
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297515
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Nitrogen Gas
Common Name: Nitrogen Gas
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297516
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: SULFUR HEXAFLUORIDE
Common Name: SULFUR HEXAFLUORIDE
Case Number: 2551-62-4

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297517
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: 10% NITROGEN 90% ARGON
Common Name: 10% NITROGEN 90% ARGON
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297518
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: 7423 MICROBIOCIDE

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GENERAL ATOMICS (Continued)

S100732801

Common Name: 7423 MICROBIOCIDE
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297519
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: DEUTERIUM, D2, 99%
Common Name: Heavy Hydrogen
Case Number: 7782-39-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297520
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: DIBORANE: COMPRESSED GAS
Common Name: DIBORANE: COMPRESSED GAS
Case Number: 19287-45-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297521
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: HELIUM COMPRESSED GAS
Common Name: HELIUM COMPRESSED GAS
Case Number: 7440-59-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297522
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: HELIUM, LIQUID
Common Name: HELIUM, LIQUID
Case Number: 7740-59-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297523
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: METHANE, CH4,99%, COMPRESSED GAS.
Common Name: METHANE, CH4,99%, COMPRESSED GAS.
Case Number: 74-82-8

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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297524
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: NEON, COMPRESSED
Common Name: NEON, COMPRESSED
Case Number: 7440-01-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297525
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: OIL, LUBRICATING: VARIOUS WEIGHTS.
Common Name: OIL, LUBRICATING: VARIOUS WEIGHTS.
Case Number: 8002-05-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297526
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: AIR, COMPRESSED GAS.
Common Name: AIR, COMPRESSED GAS.
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297527
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: BACTICIDE
Common Name: BACTICIDE
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297528
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: DIALAX S2 ZX-A
Common Name: Shell Diala S2 ZX-A
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

Map ID
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MAP FINDINGS

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Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297529
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: NEAR-A-LARD 190M; NAPTHA
Common Name: NEAR-A-LARD 190M; NAPTHA
Case Number: 8030-31-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297530
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: NITROGEN, LIQUID:
Common Name: NITROGEN, LIQUID:
Case Number: 7737-27-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297531
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: NM40
Common Name: NM40
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297532
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: PSS-841
Common Name: PSS-841
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297533
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: CARBON DIOXIDE
Common Name: CARBON DIOXIDE
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297534

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MAP FINDINGS

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Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Petroleum Naphtha, Hydrotreated Heavy
Common Name: Petroleum Naphtha, Hydrotreated Heavy
Case Number: 64742-48-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297535
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Tetrahydromethylphthalic anhydride
Common Name: ARADUR HY918
Case Number: 11070-44-3

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297536
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Tetrafluoromethane
Common Name: Carbon Tetrafluoride
Case Number: 75-73-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297537
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: CARBON DIOXIDE, LIQUID
Common Name: CARBON DIOXIDE, LIQUID
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297538
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Mayosperse 7700-15
Common Name: Mayosperse 7700-15
Case Number: 31512-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297539
Trade Secret: N
Hazardous Material Type: Mixture

Map ID
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MAP FINDINGS

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Database(s)

GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Sodium Hydroxide 50% solution
Common Name: Sodium Hydroxide 50% solution
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297540
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Dowtherm SR-1 Heat Transfer Fluid, Dyed
Common Name: Dowtherm SR-1 Heat Transfer Fluid, Dyed
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297541
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: DIESEL FUEL
Common Name: DIESEL FUEL
Case Number: 68334-30-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297542
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Tetrabromobisphenol A (TBBA)
Common Name: FR-1524 (Tetrabromobisphenol A (TBBA))
Case Number: 79-94-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297543
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Turbine Oil R&O 100-S
Common Name: Turbine Oil R&O 100-S
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297544
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Hydrochloric Acid 31-33%

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MAP FINDINGS

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GENERAL ATOMICS (Continued)

S100732801

Common Name: Muriatic Acid
Case Number: 7647-01-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297548
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: HYDROGEN
Common Name: HYDROGEN
Case Number: 1333-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297549
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: PROPANE
Common Name: LIQUEFIED PETROLEUM GAS (LPG)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297550
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Ammonium Hydroxide
Common Name: Ammonium Hydroxide
Case Number: 1336-21-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297551
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: OXYGEN
Common Name: OXYGEN
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297552
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Deuterium
Common Name: Deuterium
Case Number: 7782-39-0

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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297553
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Argon, Liquid
Common Name: Argon, Liquid
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297554
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Boron Trichloride
Common Name: Boron Trichloride
Case Number: 10294-34-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297555
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: SULFUR DIOXIDE
Common Name: SULFUR DIOXIDE
Case Number: 7446-09-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297556
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: CARBON MONOXIDE
Common Name: CARBON MONOXIDE
Case Number: 630-08-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297557
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Sulfuric Acid
Common Name: Sulfuric Acid
Case Number: 7664-93-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

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GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297558
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: ETHYLENE GLYCOL
Common Name: ETHYLENE GLYCOL
Case Number: 107-21-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297559
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: ARGON COMPRESSED
Common Name: ARGON COMPRESSED
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297560
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: ANHYDROUS AMMONIA
Common Name: AMMONIA
Case Number: 7664-41-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297561
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: METHYLTRICHLOROSILANE
Common Name: METHYLTRICHLOROSILANE
Case Number: 75-79-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297563
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: CHLORINATED FLUOROCARBON (FREON 113)
Common Name: CHLORINATED FLUOROCARBON (FREON 113)
Case Number: 76-13-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297564

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GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: ACETYLENE
Common Name: ACETYLENE
Case Number: 74-86-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297565
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: 1,1,1,2-tetrafluoroethane
Common Name: 1,1,1,2-tetrafluoroethane
Case Number: 811-97-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297566
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Mineral Spirits Odorless
Common Name: Mineral Spirits Odorless
Case Number: 64742-48-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265560
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Waste,Oil Contaminated Debris
Common Name: Waste,Oil Contaminated Debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265565
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Waste Solids containing Flammable Liquids.(Acetone, Isopropyl Alcohol, Acetonitrile)
Common Name: Waste, Lab Debris/paint Debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265566
Trade Secret: N
Hazardous Material Type: Not reported

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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2021-08-10T02:35:05.000
Chemical Name: WASTE PAINT
Common Name: Waste Paint
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265568
Trade Secret: N
Hazardous Material Type: Not reported

Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Gold Sulfite Plating Solution
Common Name: Waste Gold Sulfite Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265569
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Non-RCRA Hazardous Waste Solid(Beryllium contaminated debris)
Common Name: Waste Beryllium contaminated debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265570
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Non-RCRA Hazardous Waste Liquid(Castor Oil)
Common Name: Waste Non PCB capacitors
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265571
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Waste Flammable Liquids, n.o.s. (Epoxy Resin, MEK)
Common Name: Waste Resins/Adhesive commodity Pack
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265572
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Waste Ammonia Solutions

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GENERAL ATOMICS (Continued)

S100732801

Common Name: Waste Ammonia Hydroxide and Carbon
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265573
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Waste Aerosols
Common Name: Waste Aerosols
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265574
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-10T02:35:05.000
Chemical Name: Waste Batteries, wet, filled with acid
Common Name: Waste lead acid batteries
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313075
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: n-Propyl Bromide
Common Name: Ensolve
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313076
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Uranium, Depleted
Common Name: Uranium, Depleted
Case Number: 7440-61-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313077
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: A-106 Algacide
Common Name: Algacide
Case Number: 31512-74-0

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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313078
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Aqua-sol 20/20
Common Name: Aqua-sol 20/20
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313079
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Nitrogen Gas
Common Name: Nitrogen Gas
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313080
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: SULFUR HEXAFLUORIDE
Common Name: SULFUR HEXAFLUORIDE
Case Number: 2551-62-4

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313081
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: 10% NITROGEN 90% ARGON
Common Name: 10% NITROGEN 90% ARGON
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313082
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: 7423 MICROBIOCIDE
Common Name: 7423 MICROBIOCIDE
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

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GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313083
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: DEUTERIUM, D2, 99%
Common Name: Heavy Hydrogen
Case Number: 7782-39-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313084
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: DIBORANE: COMPRESSED GAS
Common Name: DIBORANE: COMPRESSED GAS
Case Number: 19287-45-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313085
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: HELIUM COMPRESSED GAS
Common Name: HELIUM COMPRESSED GAS
Case Number: 7440-59-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313086
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: HELIUM, LIQUID
Common Name: HELIUM, LIQUID
Case Number: 7740-59-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313087
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: METHANE, CH4,99%, COMPRESSED GAS.
Common Name: METHANE, CH4,99%, COMPRESSED GAS.
Case Number: 74-82-8

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313088

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GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: NEON, COMPRESSED
Common Name: NEON, COMPRESSED
Case Number: 7440-01-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313089
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: OIL, LUBRICATING: VARIOUS WEIGHTS.
Common Name: OIL, LUBRICATING: VARIOUS WEIGHTS.
Case Number: 8002-05-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313093
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: NEAR-A-LARD 190M; NAPHTHA
Common Name: NEAR-A-LARD 190M; NAPHTHA
Case Number: 8030-31-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313094
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: NITROGEN, LIQUID:
Common Name: NITROGEN, LIQUID:
Case Number: 7737-27-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313096
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: PSS-841
Common Name: PSS-841
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313097
Trade Secret: N
Hazardous Material Type: Pure

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Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2022-02-19T01:12:13.000
Chemical Name: CARBON DIOXIDE
Common Name: CARBON DIOXIDE
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313098
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Petroleum Naphtha, Hydrotreated Heavy
Common Name: Petroleum Naphtha, Hydrotreated Heavy
Case Number: 64742-48-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313099
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Tetrahydromethylphthalic anhydride
Common Name: ARADUR HY918
Case Number: 11070-44-3

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313100
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Tetrafluoromethane
Common Name: Carbon Tetrafluoride
Case Number: 75-73-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313101
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: CARBON DIOXIDE, LIQUID
Common Name: CARBON DIOXIDE, LIQUID
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313105
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: DIESEL FUEL

Map ID
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MAP FINDINGS

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Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Common Name: DIESEL FUEL
Case Number: 68334-30-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313106
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Tetrabromobisphenol A (TBBA)
Common Name: FR-1524 (Tetrabromobisphenol A (TBBA))
Case Number: 79-94-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313107
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Turbine Oil R&O 100-S
Common Name: Turbine Oil R&O 100-S
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313108
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Hydrochloric Acid 31-33%
Common Name: Muriatic Acid
Case Number: 7647-01-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313112
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: HYDROGEN
Common Name: HYDROGEN
Case Number: 1333-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313127
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: CHLORINATED FLUOROCARBON (FREON 113)
Common Name: CHLORINATED FLUOROCARBON (FREON 113)
Case Number: 76-13-1

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MAP FINDINGS

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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313128
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: ACETYLENE
Common Name: ACETYLENE
Case Number: 74-86-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313130
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Mineral Spirits Odorless
Common Name: Mineral Spirits Odorless
Case Number: 64742-48-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313131
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Sodium Permanganate 40% Solution
Common Name: Sodium Permanganate 40% Solution
Case Number: 10101-50-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0313132
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Sodium Permanganate,5% Solution
Common Name: Sodium Permanganate,5% Solution
Case Number: 10101-50-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0280939
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Waste,Oil Contaminated Debris
Common Name: Waste,Oil Contaminated Debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

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MAP FINDINGS

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Database(s)

GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2021-HWAST-0280940
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Waste,Mixed Acid
Common Name: Waste,Mixed Acid
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0280941
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Waste Solids containing Corrosive liquid
Common Name: Waste, Lab Acidic solids
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0280943
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Waste Flammable Liquids
Common Name: Waste, Mixed Solvents
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0280944
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Waste Solids containing Flammable Liquids.(Acetone, Isopropyl Alcohol, Acetonitrile)
Common Name: Waste, Lab Debris/paint Debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0280945
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: WASTE PAINT
Common Name: Waste Paint
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0280947

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GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Gold Sulfite Plating Solution
Common Name: Waste Gold Sulfite Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0280948
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Non-RCRA Hazardous Waste Solid(Beryllium contaminated debris)
Common Name: Waste Beryllium contaminated debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0280949
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Non-RCRA Hazardous Waste Liquid(Castor Oil)
Common Name: Waste Non PCB capacitors
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0280950
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Waste Flammable Liquids, n.o.s. (Epoxy Resin, MEK)
Common Name: Waste Resins/Adhesive commodity Pack
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0280951
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Waste Ammonia Solutions
Common Name: Waste Ammonia Hydroxide and Carbon
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0280952
Trade Secret: N
Hazardous Material Type: Not reported

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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Waste Aerosols
Common Name: Waste Aerosols
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0280953
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Waste Batteries, wet, filled with acid
Common Name: Waste lead acid batteries
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0280954
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-19T01:12:13.000
Chemical Name: Waste Oil
Common Name: Waste Oil
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321523
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: n-Propyl Bromide
Common Name: Ensolve
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321524
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: Uranium, Depleted
Common Name: Uranium, Depleted
Case Number: 7440-61-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321525
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: A-106 Algacide

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GENERAL ATOMICS (Continued)

S100732801

Common Name: Algacide
Case Number: 31512-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321526
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: Aqua-sol 20/20
Common Name: Aqua-sol 20/20
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321527
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: Nitrogen Gas
Common Name: Nitrogen Gas
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321528
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: SULFUR HEXAFLUORIDE
Common Name: SULFUR HEXAFLUORIDE
Case Number: 2551-62-4

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321529
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: 10% NITROGEN 90% ARGON
Common Name: 10% NITROGEN 90% ARGON
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321530
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: 7423 MICROBIOCIDE
Common Name: 7423 MICROBIOCIDE
Case Number: Not reported

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Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321531
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: DEUTERIUM, D2, 99%
Common Name: Heavy Hydrogen
Case Number: 7782-39-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321532
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: DIBORANE: COMPRESSED GAS
Common Name: DIBORANE: COMPRESSED GAS
Case Number: 19287-45-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321533
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: HELIUM COMPRESSED GAS
Common Name: HELIUM COMPRESSED GAS
Case Number: 7440-59-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321534
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: HELIUM, LIQUID
Common Name: HELIUM, LIQUID
Case Number: 7740-59-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321535
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: METHANE, CH4,99%, COMPRESSED GAS.
Common Name: METHANE, CH4,99%, COMPRESSED GAS.
Case Number: 74-82-8

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

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GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321536
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: NEON, COMPRESSED
Common Name: NEON, COMPRESSED
Case Number: 7440-01-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321537
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: OIL, LUBRICATING: VARIOUS WEIGHTS.
Common Name: OIL, LUBRICATING: VARIOUS WEIGHTS.
Case Number: 8002-05-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321538
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: AIR, COMPRESSED GAS.
Common Name: AIR, COMPRESSED GAS.
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321539
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: BACTICIDE
Common Name: BACTICIDE
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321540
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: DIALAX S2 ZX-A
Common Name: Shell Diala S2 ZX-A
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321541

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GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: NEAR-A-LARD 190M; NAPHTHA
Common Name: NEAR-A-LARD 190M; NAPHTHA
Case Number: 8030-31-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321542
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: NITROGEN, LIQUID:
Common Name: NITROGEN, LIQUID:
Case Number: 7737-27-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321546
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: Petroleum Naphtha, Hydrotreated Heavy
Common Name: Petroleum Naphtha, Hydrotreated Heavy
Case Number: 64742-48-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321547
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: Tetrahydromethylphthalic anhydride
Common Name: ARADUR HY918
Case Number: 11070-44-3

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321548
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: Tetrafluoromethane
Common Name: Carbon Tetrafluoride
Case Number: 75-73-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321549
Trade Secret: N
Hazardous Material Type: Pure

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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2022-02-26T01:34:29.000
Chemical Name: CARBON DIOXIDE, LIQUID
Common Name: CARBON DIOXIDE, LIQUID
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321550
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: Mayosperse 7700-15
Common Name: Mayosperse 7700-15
Case Number: 31512-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321551
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: Sodium Hydroxide 50% solution
Common Name: Sodium Hydroxide 50% solution
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321552
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: Dowtherm SR-1 Heat Transfer Fluid, Dyed
Common Name: Dowtherm SR-1 Heat Transfer Fluid, Dyed
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321553
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: DIESEL FUEL
Common Name: DIESEL FUEL
Case Number: 68334-30-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321554
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: Tetrabromobisphenol A (TBBA)

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GENERAL ATOMICS (Continued)

S100732801

Common Name: FR-1524 (Tetrabromobisphenol A (TBBA))
Case Number: 79-94-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321555
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: Turbine Oil R&O 100-S
Common Name: Turbine Oil R&O 100-S
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321556
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: Hydrochloric Acid 31-33%
Common Name: Muriatic Acid
Case Number: 7647-01-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321560
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: HYDROGEN
Common Name: HYDROGEN
Case Number: 1333-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321561
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: PROPANE
Common Name: LIQUEFIED PETROLEUM GAS (LPG)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321562
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: Ammonium Hydroxide
Common Name: Ammonium Hydroxide
Case Number: 1336-21-6

Map ID
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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321563
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: OXYGEN
Common Name: OXYGEN
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321564
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: Deuterium
Common Name: Deuterium
Case Number: 7782-39-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321565
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: Argon, Liquid
Common Name: Argon, Liquid
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321566
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: Boron Trichloride
Common Name: Boron Trichloride
Case Number: 10294-34-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321567
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: SULFUR DIOXIDE
Common Name: SULFUR DIOXIDE
Case Number: 7446-09-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

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GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321568
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: CARBON MONOXIDE
Common Name: CARBON MONOXIDE
Case Number: 630-08-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321569
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: Sulfuric Acid
Common Name: Sulfuric Acid
Case Number: 7664-93-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321570
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: ETHYLENE GLYCOL
Common Name: ETHYLENE GLYCOL
Case Number: 107-21-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321571
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: ARGON COMPRESSED
Common Name: ARGON COMPRESSED
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321572
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: ANHYDROUS AMMONIA
Common Name: AMMONIA
Case Number: 7664-41-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321573

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GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: METHYLTRICHLOROSILANE
Common Name: METHYLTRICHLOROSILANE
Case Number: 75-79-6

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321574
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: CHLORINE
Common Name: CHLORINE
Case Number: 7782-50-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321575
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: CHLORINATED FLUOROCARBON (FREON 113)
Common Name: CHLORINATED FLUOROCARBON (FREON 113)
Case Number: 76-13-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321576
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: ACETYLENE
Common Name: ACETYLENE
Case Number: 74-86-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321577
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: 1,1,1,2-tetrafluoroethane
Common Name: 1,1,1,2-tetrafluoroethane
Case Number: 811-97-2

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321578
Trade Secret: N
Hazardous Material Type: Pure

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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2022-02-26T01:34:29.000
Chemical Name: Mineral Spirits Odorless
Common Name: Mineral Spirits Odorless
Case Number: 64742-48-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321579
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: Sodium Permanganate 40% Solution
Common Name: Sodium Permanganate 40% Solution
Case Number: 10101-50-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321580
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: Sodium Permanganate,5% Solution
Common Name: Sodium Permanganate,5% Solution
Case Number: 10101-50-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321581
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: Crude Oil
Common Name: Crude Oil
Case Number: 8002-05-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0321582
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-26T01:34:29.000
Chemical Name: Esterex NP451
Common Name: Esterex NP451
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0288767
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-26T01:34:31.000
Chemical Name: Waste,Oil Contaminated Debris

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GENERAL ATOMICS (Continued)

S100732801

Common Name: Waste,Oil Contaminated Debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0288768
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-26T01:34:31.000
Chemical Name: Waste,Mixed Acid
Common Name: Waste,Mixed Acid
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0288769
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-26T01:34:31.000
Chemical Name: Waste Solids containing Corrosive liquid
Common Name: Waste, Lab Acidic solids
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0288770
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-26T01:34:31.000
Chemical Name: Waste Corrosive liquid, basic inorganic
Common Name: Waste, Photo developing liquids, basic
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0288771
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-26T01:34:31.000
Chemical Name: Waste Flammable Liquids
Common Name: Waste, Mixed Solvents
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0288772
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-26T01:34:31.000
Chemical Name: Waste Solids containing Flammable Liquids.(Acetone, Isopropyl Alcohol, Acetonitrile)
Common Name: Waste, Lab Debris/paint Debris
Case Number: Not reported

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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0288773
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-26T01:34:31.000
Chemical Name: WASTE PAINT
Common Name: Waste Paint
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0288774
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-26T01:34:31.000
Chemical Name: Waste Corrosive liquids, oxidizing
Common Name: Waste Piranha Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0288775
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-26T01:34:31.000
Chemical Name: Gold Sulfite Plating Solution
Common Name: Waste Gold Sulfite Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0288776
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-26T01:34:31.000
Chemical Name: Non-RCRA Hazardous Waste Solid(Beryllium contaminated debris)
Common Name: Waste Beryllium contaminated debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0288777
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-26T01:34:31.000
Chemical Name: Non-RCRA Hazardous Waste Liquid(Castor Oil)
Common Name: Waste Non PCB capacitors
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

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GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2022-HWAST-0288778
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-26T01:34:31.000
Chemical Name: Waste Flammable Liquids, n.o.s. (Epoxy Resin, MEK)
Common Name: Waste Resins/Adhesive commodity Pack
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0288779
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-26T01:34:31.000
Chemical Name: Waste Ammonia Solutions
Common Name: Waste Ammonia Hydroxide and Carbon
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0288780
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-26T01:34:31.000
Chemical Name: Waste Aerosols
Common Name: Waste Aerosols
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0288781
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-26T01:34:31.000
Chemical Name: Waste Batteries, wet, filled with acid
Common Name: Waste lead acid batteries
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0288782
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-26T01:34:31.000
Chemical Name: Waste Oil
Common Name: Waste Oil
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0288783

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GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-26T01:34:31.000
Chemical Name: Corrosive Solvent Waste
Common Name: Corrosive Solvent Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0288784
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-26T01:34:31.000
Chemical Name: NGM Feed Waste
Common Name: NGM Feed Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209205
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-19T05:35:42.000
Chemical Name: Ethanol
Common Name: Ethyl Alcohol
Case Number: 64-17-5

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181665
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-19T05:35:44.000
Chemical Name: Waste,Oil Contaminated Debris
Common Name: Waste,Oil Contaminated Debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181682
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-19T05:35:44.000
Chemical Name: Waste Simulant
Common Name: Waste Simulant
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181085
Trade Secret: N
Hazardous Material Type: Mixture

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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2018-08-03T02:32:20.000
Chemical Name: n-Propyl Bromide
Common Name: Ensolve
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181086
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Uranium, Depleted
Common Name: Uranium, Depleted
Case Number: 7440-61-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181087
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: A-106 Algacide
Common Name: Algacide
Case Number: 31512-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181091
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: SULFUR HEXAFLUORIDE
Common Name: SULFUR HEXAFLUORIDE
Case Number: 2551-62-4

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181092
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: 10% NITROGEN 90% ARGON
Common Name: 10% NITROGEN 90% ARGON
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181095
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: DIBORANE: COMPRESSED GAS

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GENERAL ATOMICS (Continued)

S100732801

Common Name: DIBORANE: COMPRESSED GAS
Case Number: 19287-45-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181096
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: HELIUM COMPRESSED GAS
Common Name: HELIUM COMPRESSED GAS
Case Number: 7440-59-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181097
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: HELIUM, LIQUID
Common Name: HELIUM, LIQUID
Case Number: 7740-59-7

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181099
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: NEON, COMPRESSED
Common Name: NEON, COMPRESSED
Case Number: 7440-01-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181100
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: OIL, LUBRICATING: VARIOUS WEIGHTS.
Common Name: OIL, LUBRICATING: VARIOUS WEIGHTS.
Case Number: 8002-05-9

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181106
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: NM40
Common Name: NM40
Case Number: Not reported

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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181107
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: PSS-841
Common Name: PSS-841
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181112
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Simulant (munitions)
Common Name: Simulant (munitions)
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0155566
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-08-03T02:32:20.000
Chemical Name: Waste Oil
Common Name: Waste Oil
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181676
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-19T05:35:44.000
Chemical Name: Waste Flammable Liquids, n.o.s. (Epoxy Resin, MEK)
Common Name: Waste Resins/Adhesive commodity Pack
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264546
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Uranium, Depleted
Common Name: Uranium, Depleted
Case Number: 7440-61-1

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed

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GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264547
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: A-106 Algacide
Common Name: Algacide
Case Number: 31512-74-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264548
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Aqua-sol 20/20
Common Name: Aqua-sol 20/20
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264609
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Deuterium
Common Name: Deuterium
Case Number: 7782-39-0

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0235119
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Non-RCRA Hazardous Waste Solid(Beryllium contaminated debris)
Common Name: Waste Beryllium contaminated debris
Case Number: Not reported

Record ID: DEH2002-HUPFP-114873
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0235120
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-07T02:31:13.000
Chemical Name: Non-RCRA Hazardous Waste Liquid(Castor Oil)
Common Name: Waste Non PCB capacitors
Case Number: Not reported

Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121

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GENERAL ATOMICS (Continued)

S100732801

Permit Number: 114873
Business Type: 6HK49
EPA Id Number: CAD067638957
APN: 340-020-43-00
Last HMMD Inspection: 07/29/2011
Facility Telephone: 858-455-2466
Permit Status: OPEN
Permit Expiration: 08/31/2013
Date Last Updated: 11/02/2012
Facility Owner: GENERAL ATOMICS
Facility Mailing Address: P O BOX 85608
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92186-9784
UST Owner: GA TECHNOLOGIES INC
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Y
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 106-94-5
Name: 1 BROMOPROPANE 91%; ENSOLV
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 2809-21-4
Name: 1 HYDROXYETHYLIDENE DIPHOSPHONIC ACID; PSS 305
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 71-55-6
Name: 111 TRICHLOROETHANE, CH3CCL3, 99%,
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: 7423 MICROBIOCIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

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GENERAL ATOMICS (Continued)

S100732801

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: A106 ALGAECIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 67-64-1
Name: ACETONE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 74-86-2
Name: ACETYLENE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: AIR, COMPRESSED
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7664-41-7
Name: AMMONIA ANHYDROUS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: EXTREMELY HAZARDOUS
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7664-41-7
Name: AMMONIUM HYDROXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7440-37-1

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GENERAL ATOMICS (Continued)

S100732801

Name: ARGON CRYOGENIC LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON GAS
Other Information: 2 TANKS
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: MIXTURE
Name: BACTICIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: MIXTURE
Name: BUTYL DETERGENT
Other Information: AQUA SOL
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE, LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE; COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 630-08-0
Name: CARBON MONOXIDE, COMPRESSED
Other Information: Not reported
Material Waste: Material

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GENERAL ATOMICS (Continued)

S100732801

Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7782-50-5
Name: CHLORINE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 110-82-7
Name: CYCLOHEXANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7782-39-0
Name: DEUTERIUM, D, 99%, COMPRESSED GAS: HEAVY HYDROGEN
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: mixture
Name: DIALAX TRANSFORMER OIL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: DIAMMONIUM EDTA
Other Information: EDTA
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

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GENERAL ATOMICS (Continued)

S100732801

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 19287-45-7
Name: DIBORANE: COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: EXTREMELY HAZARDOUS
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 68334-30-5
Name: DIESEL FUEL OIL
Other Information: 1 X 1000, 1 X 730 AST
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 31075-24-8
Name: EBC-1; CONTAINS POLYETHYLENE DICHLORIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 107-21-1
Name: ETHYLENE GLYCOL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: FLOWMATE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7782-41-4
Name: FLUORINE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: EXTREMELY HAZARDOUS
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: MIXTURE

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GENERAL ATOMICS (Continued)

S100732801

Name: FORMULA A
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 431-89-0
Name: HALON
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7440-59-7
Name: HELIUM GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7740-59-7
Name: HELIUM, LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: CRYOGENIC
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7803-57-8
Name: HYDRAZINE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7647-01-0
Name: HYDROCHLORIC ACID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: MIX
Name: HYDROGEN 5%, ARGON 95%
Other Information: Not reported
Material Waste: Material

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GENERAL ATOMICS (Continued)

S100732801

Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 1333-74-0
Name: HYDROGEN COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 8008-20-6
Name: KEROSENE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: METHANE 10%, ARGON 90%
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 74-82-8
Name: METHANE COMPRESSED
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 74-82-8
Name: METHANE, CH4,99%, COMPRESSED GAS.
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: METHANOL 30% ETHANOL 30%;
Other Information: ANHYDROL 200
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: Not reported

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GENERAL ATOMICS (Continued)

S100732801

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 78-93-3
Name: METHYL ETHYL KETONE
Other Information: MEK
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 75-79-6
Name: METHYLTRICHLOROSILANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 8030-31-7
Name: NEAR-A-LARD 190M; NAPHTHA
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7440-01-9
Name: NEON, COMPRESSED
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: MIXTURE
Name: NF-1000
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: NITROGEN 10%, ARGON 90%
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7727-37-9

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GENERAL ATOMICS (Continued)

S100732801

Name: NITROGEN, COMPRESSED
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7737-27-9
Name: NITROGEN, LIQUID: (4 TANKS & CYLINDERS)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 10024-97-2
Name: NITROUS OXIDE, COMP
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: NM40; CONTAINS HYDROCHLORIC ACID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 8002-05-9
Name: OILS, LUBRICATING
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: OXYGEN 10%, NITROGEN 90%
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN COMPRESSED
Other Information: Not reported
Material Waste: Material

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GENERAL ATOMICS (Continued)

S100732801

Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 106-42-3
Name: PARA-XYLENE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 25132-58-9
Name: PHOSPHORIC ACID 10%; PSS 1465
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: REACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 74-98-6
Name: PROPANE, LIQUIFIED PETROLEUM COMPRESSED GAS.
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: PSS-1465
Other Information: COOLING TOWER WATER TREATMENT
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: PSS-841
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 1310-73-2
Name: SODIUM HYDROXIDE 50%
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: REACTIVE

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GENERAL ATOMICS (Continued)

S100732801

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 1310-73-2
Name: SODIUM HYDROXIDE, NAOH, 30%: GRRR.
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7681-52-9
Name: SODIUM HYPOCHLORITE
Other Information: MULTI-CHLOR
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 8052-41-3
Name: STODDARD SOLVENT, MINERAL SPIRIT
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7446-09-5
Name: SULFUR DIOXIDE GAS
Other Information: SO2 GAS
Material Waste: Material
Hazardous Categories 1: EXTREMELY HAZARDOUS
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 2551-62-4
Name: SULFUR HEXAFLUORIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7664-93-9
Name: SULFURIC ACID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: MIXTURE

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GENERAL ATOMICS (Continued)

S100732801

Name: TOWER-BAC 875
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 76-13-1
Name: TRICHLOROFLUORETHANE
Other Information: FREON 113
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7440-61-1
Name: URANIUM ENRICHED
Other Information: NUCLEAR FUEL CONTAINING URANIUM IN METAL ALLOY FORM
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: CHRONIC

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 122 ALKALINE SOL'N W/OUT METALS
Other Information: SPENT HYDROXIDE WASTES
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 123 UNSPECIFIED ALKALINE SOL'N
Other Information: WASTE METHANSULFONIC ACID/LEAD
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information: SCRUBBER WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 151 ASBESTOS CONTAINING WASTE
Other Information: ASBESTOS
Material Waste: Waste

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GENERAL ATOMICS (Continued)

S100732801

Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: RADIOACTIVE W/NAOH & NH4
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: WASTE BERLLIUM
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 212 OXYGENATED SOLVENTS
Other Information: TRICHLOROETHANE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: RADIOACTIVE OIL - TRITIATED
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 223 UNSPEC OIL CONTAINING WASTE
Other Information: OILY DEBRIS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

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GENERAL ATOMICS (Continued)

S100732801

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 261 POLYCHLORINATED BIPHENYLS
Other Information: PCB BALLAST
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 331 OFF-SPEC,AGED,SURPLUS ORGANICS
Other Information: ISOPROPYL ALCOHOL/ACETONE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 331 OFF-SPEC,AGED,SURPLUS ORGANICS
Other Information: WASTE AEROSOL CANS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Other Information: BIODIESEL B100
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: CARBON BLACK/BERYLLIUM
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: DEBIS CONTAMINATED W/SULFURIC ACID
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Name: WASTE 444 USED BATTERIES
Other Information: USED BATTERIES
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 461 PAINT SLUDGE
Other Information: PAINT WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 512 EMPTY CONTNR(30 GAL+),OTHER
Other Information: EMPTY CONTAINERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 541 PHOTOCHEM/PHOTOPROC WASTE
Other Information: FIXER/DEVELOPER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: LAB PACK
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 791 LIQUIDS WITH PH <OR= 2
Other Information: HN03 H2S04 HCL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: ZBB ELECTROLYTE
Other Information: Not reported
Material Waste: Material

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

GENERAL ATOMICS (Continued)

S100732801

Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 07/29/2011
Violation Code: 6HV0235
Violation: WASTE NOT ACCUMULATED IN CONTAINER/TANK
Violation Citation: Did not accumulate waste in container or tank. 66262.34(a)(1)
Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 07/29/2011
Violation Code: 6HV1018
Violation: INVENTORY INCOMPLETE/NOT AMENDED
Violation Citation: Inventory not amended for 100% increase of hazardous material onsite or inventory is incomplete. 25509, 25510
Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 09/29/2008
Violation Code: 6HV1007
Violation: HIGHLY TOXIC GAS NOT ON CHEM INVENTORY
Violation Citation: Highly toxic gas (TLV less than or equal to 10 ppm) not disclosed in chemical inventory. 68.1113(b)
Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 09/29/2008
Violation Code: 6HV1008
Violation: NO ANNUAL CARC/REPRO TOXIN LIST TO HMD
Violation Citation: Annual carcinogen and reproductive toxin list not submitted to HMD. 68.1113(c)
Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 09/29/2008
Violation Code: 6HV1014
Violation: HMBP INCOMPLETE/NOT AMENDED
Violation Citation: HMBP is incomplete/inadequate/not amended to reflect changes. 25504, 25505(a)(2) &/or 25509(a); 25505(b); 19 CCR 2729
Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 09/29/2008
Violation Code: 6HV0142
Violation: DID NOT NOTIFY OF TIERED PERMITTING
Violation Citation: TIERED PERMITTING: Facility has failed to notify local CUPA and DTSC of eligible onsite treatment of hazardous waste. 25201(a)
Activity: ACTIVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 09/29/2008
Violation Code: 6HV0146
Violation: NO ERM EXEMPTION CLAIM DOCUMENTS
Violation Citation: Failed to have adequate records demonstrating claim of exemption for Excluded Recyclable Material (ERM). 25143.2(f) & 66261.2(g)
Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 09/29/2008
Violation Code: 6HV0301
Violation: HAZWASTE:UNAUTHORIZED DISPOSAL
Violation Citation: Disposal or causing the disposal of hazardous waste to an unauthorized point (ground, storm drain, sewer system, trash, or air). HSC 25189.5(a) or 25189(d)
Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 09/29/2008
Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE
Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200(c)
Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 09/29/2008
Violation Code: 6HV0224
Violation: MISMANAGED EMPTY CONTAINERS >5GALS.
Violation Citation: Failed to mark date on empty container larger than 5 gallons and/or manage it within one year. 66261.7(e) & (f).
Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 09/29/2008
Violation Code: 6HV0201
Violation: WASTE CONTAINER NOT CLOSED
Violation Citation: Hazardous waste containers are not kept closed while in storage. CCR 66265.173(a)
Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 09/29/2008
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 114873

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Update Date: 11/02/2012
Inspection Date: 09/29/2008
Violation Code: 6HV0401
Violation: TRAINING RECORDS UNAVAILABLE
Violation Citation: Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e)
Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 09/29/2008
Violation Code: 6HV1601
Violation: HAZWASTE TANKS W/O P.E. ASSESSMENT
Violation Citation: Failed to obtain a P.E. assessment for hazardous waste tank system. 66265.191(a) or 66265.192(a)
Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 09/29/2008
Violation Code: 6HV1603
Violation: NO 2ND CONTAINMENT FOR HW TANK
Violation Citation: Failed to provide proper secondary containment and/or leak detection for Hazardous waste tank system. 66265.193(a)
Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 09/29/2008
Violation Code: 6HV1715
Violation: NO UNIT CLOSURE NOTIFICATION TO CUPA
Violation Citation: Notification was not made to CUPA after treatment unit closure requirements were met. {CE: 25201.5(d)(8)(B); CEL: 25201.14(c)(1); CA: 25200.3(g)(2); PBR: 67450.3(c)(11)} Note: for PBR, notification must be made 15 days BEFORE completion of closure
Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 09/29/2008
Violation Code: 6HV1716
Violation: INADEQ/NO WRITTEN UNIT OPERATING INSTR.
Violation Citation: Inadequate or no written operating instructions for treatment unit (must include for every unit: how to operate unit, how to perform waste treatment, and how to manage residuals AND records of the dates, volumes, and types of wastes treated). Records must be kept 3 years for CE; 5 years for CA; or until closure for PBR unit. {CE: 25201.5(d)(3)&(5); CEL: 25201.14(c)(1); CA: 25200.3(c)(6) & (7); PBR: 67450.3(c)(9)(D) and 66265.73(a) & (b)(1)}
Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 07/15/2004
Violation Code: 6HV0401
Violation: TRAINING RECORDS UNAVAILABLE

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Violation Citation: Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e)

Activity: ACTIVE

Permit Number: 114873

Update Date: 11/02/2012

Inspection Date: 07/12/2006

Violation Code: 6HV1007

Violation: HIGHLY TOXIC GAS NOT ON CHEM INVENTORY

Violation Citation: Highly toxic gas (TLV less than or equal to 10 ppm) not disclosed in chemical inventory. 68.1113(b)

Activity: ACTIVE

Permit Number: 114873

Update Date: 11/02/2012

Inspection Date: 07/12/2006

Violation Code: 6HV1008

Violation: NO ANNUAL CARC/REPRO TOXIN LIST TO HMD

Violation Citation: Annual carcinogen and reproductive toxin list not submitted to HMD. 68.1113(c)

Activity: ACTIVE

Permit Number: 114873

Update Date: 11/02/2012

Inspection Date: 07/12/2006

Violation Code: 6HV0221

Violation: DID NOT COMPLY W/SATELLITE REGS.

Violation Citation: Failed to comply with satellite regulations. 66262.34(e)

Activity: ACTIVE

Permit Number: 114873

Update Date: 11/02/2012

Inspection Date: 07/12/2006

Violation Code: 6HV0224

Violation: MISMANAGED EMPTY CONTAINERS >5GALS.

Violation Citation: Failed to mark date on empty container larger than 5 gallons and/or manage it within one year. 66261.7(e) & (f).

Activity: ACTIVE

Permit Number: 114873

Update Date: 11/02/2012

Inspection Date: 07/12/2006

Violation Code: 6HV0402

Violation: TRAINING PROGRAM NOT ADEQUATE

Violation Citation: Personnel training is not adequate to ensure compliance with hazardous waste regulations. CCR 66265.16(a)&(b)

Activity: ACTIVE

UST:

UST Name: UNDERGROUND TANK 114873 T001

Last Update: 2012-11-02 14:17:38

Permit Number: 114873

Tank Type: SINGLE WALL

Additional Id: 1

Capacity Gallons: 10000

UST Contents: REGULAR UNLEADED

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Other Content Info: REGULAR UNLEADED
Reg Status: REMOVED
Remove Close Date: 1990-06-29 00:00:00
Year Installed: 1969-01-01 00:00:00
Pipe Type: LINED TRENCH
Delivery System: PRESSURE
Monitor Code: 05
UST Monitor Method: SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY
MONTHLY, TANK TEST BIENNIALY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 114873 T002
Last Update: 2012-11-02 14:17:38
Permit Number: 114873
Tank Type: SINGLE WALL
Additional Id: 2
Capacity Gallons: 10000
UST Contents: LEADED
Other Content Info: LEADED
Reg Status: REMOVED
Remove Close Date: 1990-06-29 00:00:00
Year Installed: 1969-01-01 00:00:00
Pipe Type: LINED TRENCH
Delivery System: PRESSURE
Monitor Code: 05
UST Monitor Method: SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY
MONTHLY, TANK TEST BIENNIALY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 114873 T003
Last Update: 2012-11-02 14:17:38
Permit Number: 114873
Tank Type: SINGLE WALL
Additional Id: 3
Capacity Gallons: 10000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: REMOVED
Remove Close Date: 1990-06-29 00:00:00
Year Installed: 1969-01-01 00:00:00
Pipe Type: LINED TRENCH
Delivery System: PRESSURE
Monitor Code: 05
UST Monitor Method: SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY
MONTHLY, TANK TEST BIENNIALY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 114873 T004
Last Update: 2012-11-02 14:17:38
Permit Number: 114873
Tank Type: SINGLE WALL
Additional Id: 4
Capacity Gallons: 3000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: REMOVED
Remove Close Date: 1990-06-29 00:00:00
Year Installed: 1958-01-01 00:00:00
Pipe Type: SINGLE WALL
Delivery System: SUCTION

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Monitor Code: 07
UST Monitor Method: SW TANK SW PRESSURE PIPE W/RESTRICTIVE LLD W/DAILY RECONCILIATION OR WEEKLY GAUGING: TANK AND PIPE TEST ANNUALLY

UST Name: UNDERGROUND TANK 114873 T005
Last Update: 2012-11-02 14:17:38
Permit Number: 114873
Tank Type: SINGLE WALL
Additional Id: 5
Capacity Gallons: 3000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: REMOVED
Remove Close Date: 1992-11-17 00:00:00
Year Installed: 1981-01-01 00:00:00
Pipe Type: SINGLE WALL
Delivery System: SUCTION
Monitor Code: 07
UST Monitor Method: SW TANK SW PRESSURE PIPE W/RESTRICTIVE LLD W/DAILY RECONCILIATION OR WEEKLY GAUGING: TANK AND PIPE TEST ANNUALLY

UST Name: UNDERGROUND TANK 114873 T006
Last Update: 2012-11-02 14:17:38
Permit Number: 114873
Tank Type: SINGLE WALL
Additional Id: 6
Capacity Gallons: 2000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: REMOVED
Remove Close Date: 1990-06-29 00:00:00
Year Installed: Not reported
Pipe Type: SINGLE WALL
Delivery System: SUCTION
Monitor Code: 07
UST Monitor Method: SW TANK SW PRESSURE PIPE W/RESTRICTIVE LLD W/DAILY RECONCILIATION OR WEEKLY GAUGING: TANK AND PIPE TEST ANNUALLY

UST Name: UNDERGROUND TANK 114873 T007
Last Update: 2012-11-02 14:17:38
Permit Number: 114873
Tank Type: OTHER
Additional Id: 7 RADIOACTIVE LIQUID LABORATORY WASTE
Capacity Gallons: 1000
UST Contents: Not reported
Other Content Info: RADIOACTIVE LIQUID LABORATORY
Reg Status: REMOVED
Remove Close Date: 1999-05-17 00:00:00
Year Installed: 1975-01-01 00:00:00
Pipe Type: SINGLE WALL
Delivery System: GRAVITY
Monitor Code: 24
UST Monitor Method: VISUAL MONITORING: DAILY (MINIMUM) LOG OF INSPECTIONS

UST Name: UNDERGROUND TANK 114873 T008
Last Update: 2012-11-02 14:17:38
Permit Number: 114873

Map ID
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MAP FINDINGS

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Database(s)
EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Tank Type: SINGLE WALL
Additional Id: AT3902/B37
Capacity Gallons: 10000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: REMOVED
Remove Close Date: 1997-09-23 00:00:00
Year Installed: Not reported
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 90
UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

UST Name: UNDERGROUND TANK 114873 T009
Last Update: 2012-11-02 14:17:38
Permit Number: 114873
Tank Type: SINGLE WALL
Additional Id: AT3902/BL7
Capacity Gallons: 550
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: REMOVED
Remove Close Date: 1997-09-23 00:00:00
Year Installed: Not reported
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 90
UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

UST Name: UNDERGROUND TANK 114873 T010
Last Update: 2012-11-02 14:17:38
Permit Number: 114873
Tank Type: SINGLE WALL
Additional Id: AT3902/B23
Capacity Gallons: 1000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: REMOVED
Remove Close Date: 1997-09-23 00:00:00
Year Installed: Not reported
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 90
UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

Name: ASTUTE MEDICAL INCORPORATED
Address: 3550 GENERAL ATOMICS CT B2-432
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000440643
APN: Not reported
Last HMMD Inspection: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Facility Telephone: 858-500-7000
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 09/23/2022
Facility Owner: Not reported
Facility Mailing Address: 3550 General Atomics Ct # B2/620, San Diego, CA 92121
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-210265
Program Element: Medical Waste
Inspection Type: Routine
Inspection Number: 4486091
Return To Compliance Date: 2015-07-30T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-05-24T00:00:00.000
Inspection Date: 2015-04-24T00:00:00.000
Violation Code: HMD4351 MWMP not submitted to HMD (initial/updates). 117960, 117970

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-210265
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 4486091
Return To Compliance Date: 2015-07-30T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-05-24T00:00:00.000
Inspection Date: 2015-04-24T00:00:00.000
Violation Code: 1010008 Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date. For facilities with inventory that exceed EPCRA thresholds; failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages HSC 6.95 25508.2 / 19 CCR 4 2729.5(c)

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-210265

Map ID
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MAP FINDINGS

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Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Program Element: Hazardous Materials Release Response Plans
Inspection Type: Re-inspection
Inspection Number: 5292820
Return To Compliance Date: 2015-07-16T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-05-24T00:00:00.000
Inspection Date: 2015-06-22T12:55:00.000
Violation Code: 1010008 HMBP not certified annually as complete and accurate in CERS.
HSC 25508.2

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-210265
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Re-inspection
Inspection Number: 5292820
Return To Compliance Date: 2015-07-16T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-05-24T00:00:00.000
Inspection Date: 2015-06-22T12:55:00.000
Violation Code: 1010003 Business Activities and/or Business Owner/Operator
Identification not completed in CERS. 19 CCR 2729.2(a)(1); HSC
25404(e)(4)

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-210265
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 4486091
Return To Compliance Date: 2015-07-30T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-05-24T00:00:00.000
Inspection Date: 2015-04-24T00:00:00.000
Violation Code: 1010003 Owner/Operator failed to complete and/or submit the Business
Activities Page and/or Business Owner Operator Identification Page; 19
CCR 4 2729.2(a)(1).

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-210265
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 4486091
Return To Compliance Date: 2015-07-30T00:00:00.000

Map ID
Direction
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Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

GENERAL ATOMICS (Continued)

S100732801

Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-05-24T00:00:00.000
Inspection Date: 2015-04-24T00:00:00.000
Violation Code: HMD1008 Did not submit annual carcinogen/reproductive toxin list. SDCC 68.1113(c).

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-210265
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 4486091
Return To Compliance Date: 2015-07-30T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-05-24T00:00:00.000
Inspection Date: 2015-04-24T00:00:00.000
Violation Code: 1010007 Failure to submit a revised business plan upon a substantial change in the handler's operations; HSC 6.95 25508.1(f)

Waste and Materials:

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0274145
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-06-08T02:33:30.000
Chemical Name: Nitrogen liquid
Common Name: Nitrogen liquid
Case Number: 7727-37-9

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0242888
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-06-08T02:33:30.000
Chemical Name: Sharps Waste
Common Name: Waste 902 Infectious Waste, Sharps
Case Number: Not reported

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309943
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-05-24T02:31:27.000
Chemical Name: Nitrogen liquid

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Common Name: Nitrogen liquid
Case Number: 7727-37-9

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277932
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-05-24T02:31:27.000
Chemical Name: Sharps Waste
Common Name: Waste 902 Infectious Waste, Sharps
Case Number: Not reported

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277933
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-05-24T02:31:27.000
Chemical Name: Waste 905 infectious waste, Lab
Common Name: Medical Laboratory Waste (SOLID)
Case Number: Not reported

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0277934
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-05-24T02:31:27.000
Chemical Name: Medical Laboratory Waste
Common Name: Medical Laboratory Waste (LIQUID)
Case Number: Not reported

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0229511
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-05-19T02:33:44.000
Chemical Name: Nitrogen liquid
Common Name: Nitrogen liquid
Case Number: 7727-37-9

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0199786
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-05-19T02:33:44.000
Chemical Name: Sharps Waste
Common Name: Waste 902 Infectious Waste, Sharps
Case Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0199787
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-05-19T02:33:44.000
Chemical Name: Waste 905 infectious waste, Lab
Common Name: Medical Laboratory Waste (SOLID)
Case Number: Not reported

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0199788
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-05-19T02:33:44.000
Chemical Name: Nitrocellulose
Common Name: Waste Nitrocellulose Ribbons
Case Number: Not reported

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0199789
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-05-19T02:33:44.000
Chemical Name: Medical Laboratory Waste
Common Name: Medical Laboratory Waste (LIQUID)
Case Number: Not reported

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0118584
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-05-16T02:31:32.000
Chemical Name: NITROGEN LIQUID
Common Name: NITROGEN LIQUID
Case Number: 17778-88-0

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0099886
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-05-16T02:31:32.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Case Number: Not reported

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2016-HWAST-0099887
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-05-16T02:31:32.000
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Case Number: Not reported

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0099888
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-05-16T02:31:32.000
Chemical Name: Liquid Waste
Common Name: Biohazardous Liquid Waste
Case Number: Not reported

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0242889
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-06-08T02:33:30.000
Chemical Name: Waste 905 infectious waste, Lab
Common Name: Medical Laboratory Waste (SOLID)
Case Number: Not reported

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0242890
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-06-08T02:33:30.000
Chemical Name: Nitrocellulose
Common Name: Waste Nitrocellulose Ribbons and Lab Debris
Case Number: Not reported

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0242891
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-06-08T02:33:30.000
Chemical Name: Medical Laboratory Waste
Common Name: Medical Laboratory Waste (LIQUID)
Case Number: Not reported

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0194125

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-26T22:04:13.000
Chemical Name: Nitrogen liquid
Common Name: Nitrogen liquid
Case Number: 7727-37-9

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0167669
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-26T22:04:13.000
Chemical Name: Sharps Waste
Common Name: Waste 902 Infectious Waste, Sharps
Case Number: Not reported

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0167670
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-26T22:04:13.000
Chemical Name: Waste 905 infectious waste, Lab
Common Name: Medical Laboratory Waste
Case Number: Not reported

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0167671
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-26T22:04:13.000
Chemical Name: Liquid or semi-liquid biohazardous laboratory waste
Common Name: Liquid or semi-liquid biohazardous laboratory waste
Case Number: Not reported

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0167672
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-26T22:04:13.000
Chemical Name: Waste Nitrocellulose with water
Common Name: Waste Nitrocellulose with water
Case Number: Not reported

Record ID: DEH2009-HUPFP-210265
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0167673
Trade Secret: N
Hazardous Material Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2018-10-26T22:04:13.000
Chemical Name: Waste Flammable liquids, (ACETONE, METHYL ETHYL KETONE)
Common Name: Waste Flammable liquids, (ACETONE, METHYL ETHYL KETONE)
Case Number: Not reported

Name: VIACYTE
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 137107
Business Type: 6HK67P
EPA Id Number: CAL000116572
APN: 340-020-43-00
Last HMMD Inspection: 05/04/2011
Facility Telephone: 858-455-3708
Permit Status: OPEN
Permit Expiration: 05/31/2013
Date Last Updated: 11/02/2012
Facility Owner: VIACYTE
Facility Mailing Address: 3550 GENERAL ATOMICS CT #503
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 137107
Update Date: 11/02/2012
Case Number: Not reported
Name: AIR, COMPRESSED
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CHRONIC

Permit Number: 137107
Update Date: 11/02/2012
Case Number: 189-23-20-1
Name: CARBON DIOXIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 137107
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

GENERAL ATOMICS (Continued)

S100732801

Permit Number: 137107
Update Date: 11/02/2012
Case Number: Not reported
Name: CARBON DIOXIDE/OXYGEN/NITROGEN MIX
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 137107
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 137107
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 137107
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 137107
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 137107
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: SOLVENT MIXTURE-ACETONE & METHANOL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 137107
Update Date: 11/02/2012
Case Number: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: OFF-SPEC, ASSTD LAB WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 137107
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: SHARPS CONTAINERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 137107
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 905 INFECTIOUS WASTE, LAB
Other Information: CULTURES, BOTTLES, SHARPS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 137107
Update Date: 11/02/2012
Inspection Date: 04/30/2008
Violation Code: 6HV1014
Violation: HMBP INCOMPLETE/NOT AMENDED
Violation Citation: HMBP is incomplete/inadequate/not amended to reflect changes. 25504, 25505(a)(2) &/or 25509(a); 25505(b); 19 CCR 2729
Activity: ACTIVE

Permit Number: 137107
Update Date: 11/02/2012
Inspection Date: 04/30/2008
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

Permit Number: 137107
Update Date: 11/02/2012
Inspection Date: 04/30/2008
Violation Code: 6HV4209
Violation: NO GENERATOR'S INFO ON RED BAGS/SHARPS
Violation Citation: Red bags, sharps containers not labeled with generator's name, address, and phone number. 68.1205
Activity: ACTIVE

Permit Number: 137107
Update Date: 11/02/2012
Inspection Date: 04/30/2008
Violation Code: 6HV4351
Violation: LQG:MWMP NOT SUBMITTED TO HMD

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)
EPA ID Number

EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Violation Citation: Medical Waste Management Plan has not been submitted to County HMD
(Initial Submission/updates)(LQG). 117960, 117970
Activity: ACTIVE

Name: PRESCOS, LLC
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 211286
Business Type: 6HK67
EPA Id Number: CAL000339059
APN: 340-170-07-00
Last HMMD Inspection: 03/29/2011
Facility Telephone: 858-909-5744
Permit Status: OPEN
Permit Expiration: 12/31/2012
Date Last Updated: 11/02/2012
Facility Owner: JOACHIM VOLLMAR
Facility Mailing Address: 3550 GENERAL ATOMICA CT, MS 02-422
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Y

Inventory Active Permits (not SQG Medical):
Permit Number: 211286
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211286
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 211286
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Permit Number: 211286
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: SPENT SOLVENT MIXTURE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211286
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211286
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Name: VIACYTE
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 137107
Business Type: 6HK67P
EPA Id Number: CAL000116572
APN: 340-020-43-00
Last HMMD Inspection: 05/04/2011
Facility Telephone: 858-455-3708
Permit Status: OPEN
Permit Expiration: 05/31/2013
Date Last Updated: 11/02/2012
Facility Owner: VIACYTE
Facility Mailing Address: 3550 GENERAL ATOMICS CT #503
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 137107
Update Date: 11/02/2012
Case Number: Not reported
Name: AIR, COMPRESSED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CHRONIC

Permit Number: 137107
Update Date: 11/02/2012
Case Number: 189-23-20-1
Name: CARBON DIOXIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 137107
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 137107
Update Date: 11/02/2012
Case Number: Not reported
Name: CARBON DIOXIDE/OXYGEN/NITROGEN MIX
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 137107
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 137107
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 137107
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Hazardous Categories 2: ACUTE

Permit Number: 137107
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 137107
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: SOLVENT MIXTURE-ACETONE & METHANOL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 137107
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: OFF-SPEC, ASSTD LAB WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 137107
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: SHARPS CONTAINERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 137107
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 905 INFECTIOUS WASTE, LAB
Other Information: CULTURES, BOTTLES, SHARPS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 137107
Update Date: 11/02/2012
Inspection Date: 04/30/2008
Violation Code: 6HV1014
Violation: HMBP INCOMPLETE/NOT AMENDED
Violation Citation: HMBP is incomplete/inadequate/not amended to reflect changes. 25504, 25505(a)(2) &/or 25509(a); 25505(b); 19 CCR 2729
Activity: ACTIVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Permit Number: 137107
Update Date: 11/02/2012
Inspection Date: 04/30/2008
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank.
66262.34(f)
Activity: ACTIVE

Permit Number: 137107
Update Date: 11/02/2012
Inspection Date: 04/30/2008
Violation Code: 6HV4209
Violation: NO GENERATOR'S INFO ON RED BAGS/SHARPS
Violation Citation: Red bags, sharps containers not labeled with generator's name,
address, and phone number. 68.1205
Activity: ACTIVE

Permit Number: 137107
Update Date: 11/02/2012
Inspection Date: 04/30/2008
Violation Code: 6HV4351
Violation: LQG:MWMP NOT SUBMITTED TO HMD
Violation Citation: Medical Waste Management Plan has not been submitted to County HMD
(Initial Submission/updates)(LQG). 117960, 117970
Activity: ACTIVE

Name: ARGUSINA, INC
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 210280
Business Type: 6HK66
EPA Id Number: CAL000335496
APN: 340-020-43-00
Last HMMMD Inspection: 07/12/2010
Facility Telephone: 760-621-0688
Permit Status: SUSP
Permit Expiration: 05/31/2012
Date Last Updated: 11/02/2012
Facility Owner: ARGUSINA, INC
Facility Mailing Address: 3550 G AT CT, BLDG #2, STE#565
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 210280
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON GAS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 210280
Update Date: 11/02/2012
Case Number: 7440-59-7
Name: HELIUM GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 210280
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 210280
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 134 AQUEOUS SOL'N W/LESS 10% ORG
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 210280
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: WASTE FLAMMABLE LIQUID
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 210280
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: SILICA GEL CONTAMINATED W/ORGANICS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 210280
Update Date: 11/02/2012
Inspection Date: 01/28/2009
Violation Code: 6HV0226
Violation: HW NOT ACCUMULATED IN TANK/CONTAINER
Violation Citation: Did not accumulate waste in container or tank. 66262.34 (d)(2)

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Activity: SUSP

Permit Number: 210280
Update Date: 11/02/2012
Inspection Date: 01/28/2009
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank.
66262.34(f)

Activity: SUSP

Permit Number: 210280
Update Date: 11/02/2012
Inspection Date: 07/12/2010
Violation Code: 6HV1017
Violation: HMBP NOT CERTIFIED ANNUALLY
Violation Citation: Business Plan not certified annually. 25505(d) & (e)(2)

Activity: SUSP

Permit Number: 210280
Update Date: 11/02/2012
Inspection Date: 07/12/2010
Violation Code: 6HV1008
Violation: NO ANNUAL CARC/REPRO TOXIN LIST TO HMD
Violation Citation: Annual carcinogen and reproductive toxin list not submitted to HMD.
68.1113(c)

Activity: SUSP

Permit Number: 210280
Update Date: 11/02/2012
Inspection Date: 07/12/2010
Violation Code: 6HV1009
Violation: HMBP: INADEQUATE SITE MAP
Violation Citation: Business Plan does not have a site map which provides sufficient or complete information for emergency response agencies. HSC 25509(a)(5) & 25505(a)(2)

Activity: SUSP

Permit Number: 210280
Update Date: 11/02/2012
Inspection Date: 07/12/2010
Violation Code: 6HV0228
Violation: CONTAINER NOT KEPT CLOSED
Violation Citation: Failed to keep container closed. CFR 265.173

Activity: SUSP

Permit Number: 210280
Update Date: 11/02/2012
Inspection Date: 07/12/2010
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank.
66262.34(f)

Activity: SUSP

Name: PACIFIC WORLD DISCOVERY, LLC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

GENERAL ATOMICS (Continued)

S100732801

Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 210264
Business Type: 6HK66
EPA Id Number: CAR000198846
APN: 340-020-43-00
Last HMMD Inspection: 02/06/2012
Facility Telephone: 858-346-1319
Permit Status: INAC
Permit Expiration: 05/31/2012
Date Last Updated: 11/02/2012
Facility Owner: PACIFIC WORLD DISCOVERY, LLC
Facility Mailing Address: 3550 GENERAL ATOMICS CT BLDG #9
Facility Mailing City: San Diego
Facility Mailing State: CA
Facility Mailing Zip: 92121
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Name: GENTA INC
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 123551
Business Type: 6HK67
EPA Id Number: CAL000029053
APN: 340-020-43-00
Last HMMD Inspection: 07/23/1998
Facility Telephone: 858-455-2700
Permit Status: INAC
Permit Expiration: 07/23/1998
Date Last Updated: 11/02/2012
Facility Owner: GENTA INC
Facility Mailing Address: 3550 GENERAL ATOMICS CT
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121-1122
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Name: SCRIPPS CLINIC AND RESEARCH
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 123554
Business Type: 6HK67
EPA Id Number: Not reported
APN: 340-020-43-00
Last HMMD Inspection: 12/21/1992

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Facility Telephone: 858-455-3504
Permit Status: INAC
Permit Expiration: 12/21/1992
Date Last Updated: 11/02/2012
Facility Owner: SCRIPPS CLINIC AND RESEARCH
Facility Mailing Address: 10666 N TORREY PINES RD
Facility Mailing City: LA JOLLA
Facility Mailing State: CA
Facility Mailing Zip: 92037-1027
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Name: PACIFIC WORLD DISCOVERY, LLC
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 210264
Business Type: 6HK66
EPA Id Number: CAR000198846
APN: 340-020-43-00
Last HMMD Inspection: 02/06/2012
Facility Telephone: 858-346-1319
Permit Status: INAC
Permit Expiration: 05/31/2012
Date Last Updated: 11/02/2012
Facility Owner: PACIFIC WORLD DISCOVERY, LLC
Facility Mailing Address: 3550 GENERAL ATOMICS CT BLDG #9
Facility Mailing City: San Diego
Facility Mailing State: CA
Facility Mailing Zip: 92121
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Name: PRESCOS, LLC
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 211286
Business Type: 6HK67
EPA Id Number: CAL000339059
APN: 340-170-07-00
Last HMMD Inspection: 03/29/2011
Facility Telephone: 858-909-5744
Permit Status: OPEN
Permit Expiration: 12/31/2012
Date Last Updated: 11/02/2012
Facility Owner: JOACHIM VOLLMAR
Facility Mailing Address: 3550 GENERAL ATOMICA CT, MS 02-422
Facility Mailing City: SAN DIEGO

Map ID
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Distance
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Facility Mailing State: CA
Facility Mailing Zip: 92121
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Y

Inventory Active Permits (not SQG Medical):

Permit Number: 211286
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211286
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 211286
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211286
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: SPENT SOLVENT MIXTURE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211286
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211286
Update Date: 11/02/2012

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Case Number: Not reported
Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Name: VIACYTE
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 137107
Business Type: 6HK67P
EPA Id Number: CAL000116572
APN: 340-020-43-00
Last HMMD Inspection: 05/04/2011
Facility Telephone: 858-455-3708
Permit Status: OPEN
Permit Expiration: 05/31/2013
Date Last Updated: 11/02/2012
Facility Owner: VIACYTE
Facility Mailing Address: 3550 GENERAL ATOMICS CT #503
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 137107
Update Date: 11/02/2012
Case Number: Not reported
Name: AIR, COMPRESSED
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CHRONIC

Permit Number: 137107
Update Date: 11/02/2012
Case Number: 189-23-20-1
Name: CARBON DIOXIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 137107
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE LIQUID
Other Information: Not reported
Material Waste: Material

Map ID
Direction
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 137107
Update Date: 11/02/2012
Case Number: Not reported
Name: CARBON DIOXIDE/OXYGEN/NITROGEN MIX
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 137107
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 137107
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 137107
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 137107
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 137107
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: SOLVENT MIXTURE-ACETONE & METHANOL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Permit Number: 137107
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: OFF-SPEC, ASSTD LAB WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 137107
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: SHARPS CONTAINERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 137107
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 905 INFECTIOUS WASTE, LAB
Other Information: CULTURES, BOTTLES, SHARPS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 137107
Update Date: 11/02/2012
Inspection Date: 04/30/2008
Violation Code: 6HV1014
Violation: HMBP INCOMPLETE/NOT AMENDED
Violation Citation: HMBP is incomplete/inadequate/not amended to reflect changes. 25504, 25505(a)(2) &/or 25509(a); 25505(b); 19 CCR 2729
Activity: ACTIVE

Permit Number: 137107
Update Date: 11/02/2012
Inspection Date: 04/30/2008
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

Permit Number: 137107
Update Date: 11/02/2012
Inspection Date: 04/30/2008
Violation Code: 6HV4209
Violation: NO GENERATOR'S INFO ON RED BAGS/SHARPS
Violation Citation: Red bags, sharps containers not labeled with generator's name, address, and phone number. 68.1205
Activity: ACTIVE

Permit Number: 137107
Update Date: 11/02/2012

Map ID
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MAP FINDINGS

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EDR ID Number
EPA ID Number
Database(s)

GENERAL ATOMICS (Continued)

S100732801

Inspection Date: 04/30/2008
Violation Code: 6HV4351
Violation: LQG:MWMP NOT SUBMITTED TO HMD
Violation Citation: Medical Waste Management Plan has not been submitted to County HMD
(Initial Submission/updates)(LQG). 117960, 117970
Activity: ACTIVE

Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 114873
Business Type: 6HK49
EPA Id Number: CAD067638957
APN: 340-020-43-00
Last HMMD Inspection: 07/29/2011
Facility Telephone: 858-455-2466
Permit Status: OPEN
Permit Expiration: 08/31/2013
Date Last Updated: 11/02/2012
Facility Owner: GENERAL ATOMICS
Facility Mailing Address: P O BOX 85608
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92186-9784
UST Owner: GA TECHNOLOGIES INC
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Y
Generate Haz Waste: Y
Treat Haz Waste: Y
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 106-94-5
Name: 1 BROMOPROPANE 91%; ENSOLV
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 2809-21-4
Name: 1 HYDROXYETHYLIDENE DIPHOSPHONIC ACID; PSS 305
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 71-55-6
Name: 111 TRICHLOROETHANE, CH3CCL3, 99%,
Other Information: Not reported
Material Waste: Material

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: 7423 MICROBIOCIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: A106 ALGAECIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 67-64-1
Name: ACETONE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 74-86-2
Name: ACETYLENE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: AIR, COMPRESSED
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7664-41-7
Name: AMMONIA ANHYDROUS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: EXTREMELY HAZARDOUS
Hazardous Categories 2: Not reported

Map ID
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7664-41-7
Name: AMMONIUM HYDROXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON CRYOGENIC LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON GAS
Other Information: 2 TANKS
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: MIXTURE
Name: BACTICIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: MIXTURE
Name: BUTYL DETERGENT
Other Information: AQUA SOL
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE, LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 124-38-9

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Name: CARBON DIOXIDE; COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 630-08-0
Name: CARBON MONOXIDE, COMPRESSED
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7782-50-5
Name: CHLORINE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 110-82-7
Name: CYCLOHEXANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7782-39-0
Name: DEUTERIUM, D, 99%, COMPRESSED GAS; HEAVY HYDROGEN
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: mixture
Name: DIALAX TRANSFORMER OIL
Other Information: Not reported
Material Waste: Material

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: DIAMMONIUM EDTA
Other Information: EDTA
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 19287-45-7
Name: DIBORANE: COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: EXTREMELY HAZARDOUS
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 68334-30-5
Name: DIESEL FUEL OIL
Other Information: 1 X 1000, 1 X 730 AST
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 31075-24-8
Name: EBC-1; CONTAINS POLYETHYLENE DICHLORIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 107-21-1
Name: ETHYLENE GLYCOL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: FLOWMATE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7782-41-4
Name: FLUORINE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: EXTREMELY HAZARDOUS
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: MIXTURE
Name: FORMULA A
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 431-89-0
Name: HALON
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7440-59-7
Name: HELIUM GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7740-59-7
Name: HELIUM, LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: CRYOGENIC
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7803-57-8
Name: HYDRAZINE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7647-01-0

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Name: HYDROCHLORIC ACID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: MIX
Name: HYDROGEN 5%, ARGON 95%
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 1333-74-0
Name: HYDROGEN COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 8008-20-6
Name: KEROSENE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: METHANE 10%, ARGON 90%
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 74-82-8
Name: METHANE COMPRESSED
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 74-82-8
Name: METHANE, CH4,99%, COMPRESSED GAS.
Other Information: Not reported
Material Waste: Material

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GENERAL ATOMICS (Continued)

S100732801

Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: METHANOL 30% ETHANOL 30%;
Other Information: ANHYDROL 200
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 78-93-3
Name: METHYL ETHYL KETONE
Other Information: MEK
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 75-79-6
Name: METHYLTRICHLOROSILANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 8030-31-7
Name: NEAR-A-LARD 190M; NAPTHA
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7440-01-9
Name: NEON, COMPRESSED
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: MIXTURE
Name: NF-1000
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

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GENERAL ATOMICS (Continued)

S100732801

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: NITROGEN 10%, ARGON 90%
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN, COMPRESSED
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7737-27-9
Name: NITROGEN, LIQUID: (4 TANKS & CYLINDERS)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 10024-97-2
Name: NITROUS OXIDE, COMP
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: NM40; CONTAINS HYDROCHLORIC ACID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 8002-05-9
Name: OILS, LUBRICATING
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported

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GENERAL ATOMICS (Continued)

S100732801

Name: OXYGEN 10%, NITROGEN 90%
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN COMPRESSED
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 106-42-3
Name: PARA-XYLENE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 25132-58-9
Name: PHOSPHORIC ACID 10%; PSS 1465
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: REACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 74-98-6
Name: PROPANE, LIQUIFIED PETROLEUM COMPRESSED GAS.
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: PSS-1465
Other Information: COOLING TOWER WATER TREATMENT
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: PSS-841
Other Information: Not reported
Material Waste: Material

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GENERAL ATOMICS (Continued)

S100732801

Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 1310-73-2
Name: SODIUM HYDROXIDE 50%
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: REACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 1310-73-2
Name: SODIUM HYDROXIDE, NAOH, 30%: GRRR.
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7681-52-9
Name: SODIUM HYPOCHLORITE
Other Information: MULTI-CHLOR
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 8052-41-3
Name: STODDARD SOLVENT, MINERAL SPIRIT
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7446-09-5
Name: SULFUR DIOXIDE GAS
Other Information: SO2 GAS
Material Waste: Material
Hazardous Categories 1: EXTREMELY HAZARDOUS
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 2551-62-4
Name: SULFUR HEXAFLUORIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

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GENERAL ATOMICS (Continued)

S100732801

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7664-93-9
Name: SULFURIC ACID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 114873
Update Date: 11/02/2012
Case Number: MIXTURE
Name: TOWER-BAC 875
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 76-13-1
Name: TRICHLOROFLUORETHANE
Other Information: FREON 113
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: 7440-61-1
Name: URANIUM ENRICHED
Other Information: NUCLEAR FUEL CONTAINING URANIUM IN METAL ALLOY FORM
Material Waste: Material
Hazardous Categories 1: RADIOACTIVE
Hazardous Categories 2: CHRONIC

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 122 ALKALINE SOL'N W/OUT METALS
Other Information: SPENT HYDROXIDE WASTES
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 123 UNSPECIFIED ALKALINE SOL'N
Other Information: WASTE METHANSULFONIC ACID/LEAD
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported

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GENERAL ATOMICS (Continued)

S100732801

Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information: SCRUBBER WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 151 ASBESTOS CONTAINING WASTE
Other Information: ASBESTOS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: RADIOACTIVE W/NAOH & NH4
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: WASTE BERLLIUM
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 212 OXYGENATED SOLVENTS
Other Information: TRICHLOROETHANE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: RADIOACTIVE OIL - TRITIATED
Material Waste: Waste

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GENERAL ATOMICS (Continued)

S100732801

Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 223 UNSPEC OIL CONTAINING WASTE
Other Information: OILY DEBRIS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 261 POLYCHLORINATED BIPHENYLS
Other Information: PCB BALLAST
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 331 OFF-SPEC,AGED,SURPLUS ORGANICS
Other Information: ISOPROPYL ALCOHOL/ACETONE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 331 OFF-SPEC,AGED,SURPLUS ORGANICS
Other Information: WASTE AEROSOL CANS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Other Information: BIODIESEL B100
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: CARBON BLACK/BERYLLIUM
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

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GENERAL ATOMICS (Continued)

S100732801

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: DEBIS CONTAMINATED W/SULFURIC ACID
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 444 USED BATTERIES
Other Information: USED BATTERIES
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 461 PAINT SLUDGE
Other Information: PAINT WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 512 EMPTY CONTNR(30 GAL+),OTHER
Other Information: EMPTY CONTAINERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 541 PHOTOCHEM/PHOTOPROC WASTE
Other Information: FIXER/DEVELOPER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: LAB PACK
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported

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GENERAL ATOMICS (Continued)

S100732801

Name: WASTE 791 LIQUIDS WITH PH <OR= 2
Other Information: HN03 H2S04 HCL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 114873
Update Date: 11/02/2012
Case Number: Not reported
Name: ZBB ELECTROLYTE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 07/29/2011
Violation Code: 6HV0235
Violation: WASTE NOT ACCUMULATED IN CONTAINER/TANK
Violation Citation: Did not accumulate waste in container or tank. 66262.34(a)(1)
Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 07/29/2011
Violation Code: 6HV1018
Violation: INVENTORY INCOMPLETE/NOT AMENDED
Violation Citation: Inventory not amended for 100% increase of hazardous material onsite or inventory is incomplete. 25509, 25510
Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 09/29/2008
Violation Code: 6HV1007
Violation: HIGHLY TOXIC GAS NOT ON CHEM INVENTORY
Violation Citation: Highly toxic gas (TLV less than or equal to 10 ppm) not disclosed in chemical inventory. 68.1113(b)
Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 09/29/2008
Violation Code: 6HV1008
Violation: NO ANNUAL CARC/REPRO TOXIN LIST TO HMD
Violation Citation: Annual carcinogen and reproductive toxin list not submitted to HMD. 68.1113(c)
Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 09/29/2008
Violation Code: 6HV1014
Violation: HMBP INCOMPLETE/NOT AMENDED
Violation Citation: HMBP is incomplete/inadequate/not amended to reflect changes. 25504,

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GENERAL ATOMICS (Continued)

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Activity: 25505(a)(2) &/or 25509(a); 25505(b); 19 CCR 2729
ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 09/29/2008
Violation Code: 6HV0142
Violation: DID NOT NOTIFY OF TIERED PERMITTING
Violation Citation: TIERED PERMITTING: Facility has failed to notify local CUPA and DTSC of eligible onsite treatment of hazardous waste. 25201(a)

Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 09/29/2008
Violation Code: 6HV0146
Violation: NO ERM EXEMPTION CLAIM DOCUMENTS
Violation Citation: Failed to have adequate records demonstrating claim of exemption for Excluded Recyclable Material (ERM). 25143.2(f) & 66261.2(g)

Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 09/29/2008
Violation Code: 6HV0301
Violation: HAZWASTE:UNAUTHORIZED DISPOSAL
Violation Citation: Disposal or causing the disposal of hazardous waste to an unauthorized point (ground, storm drain, sewer system, trash, or air). HSC 25189.5(a) or 25189(d)

Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 09/29/2008
Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE
Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200(c)

Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 09/29/2008
Violation Code: 6HV0224
Violation: MISMANAGED EMPTY CONTAINERS >5GALS.
Violation Citation: Failed to mark date on empty container larger than 5 gallons and/or manage it within one year. 66261.7(e) & (f).

Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 09/29/2008
Violation Code: 6HV0201
Violation: WASTE CONTAINER NOT CLOSED
Violation Citation: Hazardous waste containers are not kept closed while in storage. CCR 66265.173(a)

Activity: ACTIVE

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GENERAL ATOMICS (Continued)

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Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 09/29/2008
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 09/29/2008
Violation Code: 6HV0401
Violation: TRAINING RECORDS UNAVAILABLE
Violation Citation: Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e)
Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 09/29/2008
Violation Code: 6HV1601
Violation: HAZWASTE TANKS W/O P.E. ASSESSMENT
Violation Citation: Failed to obtain a P.E. assessment for hazardous waste tank system. 66265.191(a) or 66265.192(a)
Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 09/29/2008
Violation Code: 6HV1603
Violation: NO 2ND CONTAINMENT FOR HW TANK
Violation Citation: Failed to provide proper secondary containment and/or leak detection for Hazardous waste tank system. 66265.193(a)
Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 09/29/2008
Violation Code: 6HV1715
Violation: NO UNIT CLOSURE NOTIFICATION TO CUPA
Violation Citation: Notification was not made to CUPA after treatment unit closure requirements were met. {CE: 25201.5(d)(8)(B); CEL: 25201.14(c)(1); CA: 25200.3(g)(2); PBR: 67450.3(c)(11)} Note: for PBR, notification must be made 15 days BEFORE completion of closure
Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 09/29/2008
Violation Code: 6HV1716
Violation: INADEQ/NO WRITTEN UNIT OPERATING INSTR.
Violation Citation: Inadequate or no written operating instructions for treatment unit (must include for every unit: how to operate unit, how to perform waste treatment, and how to manage residuals AND records of the dates,

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GENERAL ATOMICS (Continued)

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volumes, and types of wastes treated). Records must be kept 3 years for CE; 5 years for CA; or until closure for PBR unit. {CE: 25201.5(d)(3)&(5); CEL: 25201.14(c)(1); CA: 25200.3(c)(6) & (7); PBR: 67450.3(c)(9)(D) and 66265.73(a) & (b)(1)}

Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 07/15/2004
Violation Code: 6HV0401
Violation: TRAINING RECORDS UNAVAILABLE
Violation Citation: Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e)

Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 07/12/2006
Violation Code: 6HV1007
Violation: HIGHLY TOXIC GAS NOT ON CHEM INVENTORY
Violation Citation: Highly toxic gas (TLV less than or equal to 10 ppm) not disclosed in chemical inventory. 68.1113(b)

Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 07/12/2006
Violation Code: 6HV1008
Violation: NO ANNUAL CARC/REPRO TOXIN LIST TO HMD
Violation Citation: Annual carcinogen and reproductive toxin list not submitted to HMD. 68.1113(c)

Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 07/12/2006
Violation Code: 6HV0221
Violation: DID NOT COMPLY W/SATELLITE REGS.
Violation Citation: Failed to comply with satellite regulations. 66262.34(e)

Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 07/12/2006
Violation Code: 6HV0224
Violation: MISMANAGED EMPTY CONTAINERS >5GALS.
Violation Citation: Failed to mark date on empty container larger than 5 gallons and/or manage it within one year. 66261.7(e) & (f).

Activity: ACTIVE

Permit Number: 114873
Update Date: 11/02/2012
Inspection Date: 07/12/2006
Violation Code: 6HV0402
Violation: TRAINING PROGRAM NOT ADEQUATE
Violation Citation: Personnel training is not adequate to ensure compliance with hazardous

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Activity: waste regulations. CCR 66265.16(a)&(b)
ACTIVE

UST:

UST Name: UNDERGROUND TANK 114873 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 114873
Tank Type: SINGLE WALL
Additional Id: 1
Capacity Gallons: 10000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: REMOVED
Remove Close Date: 1990-06-29 00:00:00
Year Installed: 1969-01-01 00:00:00
Pipe Type: LINED TRENCH
Delivery System: PRESSURE
Monitor Code: 05
UST Monitor Method: SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY
MONTHLY, TANK TEST BIENNIALY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 114873 T002
Last Update: 2012-11-02 14:17:38
Permit Number: 114873
Tank Type: SINGLE WALL
Additional Id: 2
Capacity Gallons: 10000
UST Contents: LEADED
Other Content Info: LEADED
Reg Status: REMOVED
Remove Close Date: 1990-06-29 00:00:00
Year Installed: 1969-01-01 00:00:00
Pipe Type: LINED TRENCH
Delivery System: PRESSURE
Monitor Code: 05
UST Monitor Method: SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY
MONTHLY, TANK TEST BIENNIALY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 114873 T003
Last Update: 2012-11-02 14:17:38
Permit Number: 114873
Tank Type: SINGLE WALL
Additional Id: 3
Capacity Gallons: 10000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: REMOVED
Remove Close Date: 1990-06-29 00:00:00
Year Installed: 1969-01-01 00:00:00
Pipe Type: LINED TRENCH
Delivery System: PRESSURE
Monitor Code: 05
UST Monitor Method: SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY
MONTHLY, TANK TEST BIENNIALY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 114873 T004
Last Update: 2012-11-02 14:17:38

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Permit Number: 114873
Tank Type: SINGLE WALL
Additional Id: 4
Capacity Gallons: 3000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: REMOVED
Remove Close Date: 1990-06-29 00:00:00
Year Installed: 1958-01-01 00:00:00
Pipe Type: SINGLE WALL
Delivery System: SUCTION
Monitor Code: 07
UST Monitor Method: SW TANK SW PRESSURE PIPE W/RESTRICTIVE LLD W/DAILY RECONCILIATION OR WEEKLY GAUGING: TANK AND PIPE TEST ANNUALLY

UST Name: UNDERGROUND TANK 114873 T005
Last Update: 2012-11-02 14:17:38
Permit Number: 114873
Tank Type: SINGLE WALL
Additional Id: 5
Capacity Gallons: 3000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: REMOVED
Remove Close Date: 1992-11-17 00:00:00
Year Installed: 1981-01-01 00:00:00
Pipe Type: SINGLE WALL
Delivery System: SUCTION
Monitor Code: 07
UST Monitor Method: SW TANK SW PRESSURE PIPE W/RESTRICTIVE LLD W/DAILY RECONCILIATION OR WEEKLY GAUGING: TANK AND PIPE TEST ANNUALLY

UST Name: UNDERGROUND TANK 114873 T006
Last Update: 2012-11-02 14:17:38
Permit Number: 114873
Tank Type: SINGLE WALL
Additional Id: 6
Capacity Gallons: 2000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: REMOVED
Remove Close Date: 1990-06-29 00:00:00
Year Installed: Not reported
Pipe Type: SINGLE WALL
Delivery System: SUCTION
Monitor Code: 07
UST Monitor Method: SW TANK SW PRESSURE PIPE W/RESTRICTIVE LLD W/DAILY RECONCILIATION OR WEEKLY GAUGING: TANK AND PIPE TEST ANNUALLY

UST Name: UNDERGROUND TANK 114873 T007
Last Update: 2012-11-02 14:17:38
Permit Number: 114873
Tank Type: OTHER
Additional Id: 7 RADIOACTIVE LIQUID LABORATORY WASTE
Capacity Gallons: 1000
UST Contents: Not reported
Other Content Info: RADIOACTIVE LIQUID LABORATORY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Reg Status: REMOVED
Remove Close Date: 1999-05-17 00:00:00
Year Installed: 1975-01-01 00:00:00
Pipe Type: SINGLE WALL
Delivery System: GRAVITY
Monitor Code: 24
UST Monitor Method: VISUAL MONITORING: DAILY (MINIMUM) LOG OF INSPECTIONS

UST Name: UNDERGROUND TANK 114873 T008
Last Update: 2012-11-02 14:17:38
Permit Number: 114873
Tank Type: SINGLE WALL
Additional Id: AT3902/B37
Capacity Gallons: 10000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: REMOVED
Remove Close Date: 1997-09-23 00:00:00
Year Installed: Not reported
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 90
UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

UST Name: UNDERGROUND TANK 114873 T009
Last Update: 2012-11-02 14:17:38
Permit Number: 114873
Tank Type: SINGLE WALL
Additional Id: AT3902/BL7
Capacity Gallons: 550
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: REMOVED
Remove Close Date: 1997-09-23 00:00:00
Year Installed: Not reported
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 90
UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

UST Name: UNDERGROUND TANK 114873 T010
Last Update: 2012-11-02 14:17:38
Permit Number: 114873
Tank Type: SINGLE WALL
Additional Id: AT3902/B23
Capacity Gallons: 1000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: REMOVED
Remove Close Date: 1997-09-23 00:00:00
Year Installed: Not reported
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 90
UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

Map ID
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MAP FINDINGS

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Database(s)
EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

ALTERNATIVE DURING INSPECTION.

Name: VIACYTE
Address: 3550 GENERAL ATOMICS CT 503 & 333-
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000116572
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 858-207-0500
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 06/29/2022
Facility Owner: Not reported
Facility Mailing Address: 5580 Morehouse Dr, Ste 100, SAN DIEGO, CA 92121
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-137107
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 4555420
Return To Compliance Date: 2013-12-16T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-05-26T00:00:00.000
Inspection Date: 2013-12-03T16:41:00.000
Violation Code: HMD0221 HW storage- satellite Failed to comply with hazardous waste satellite container regulations. 22CCR 66262.34(e).

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-137107
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 4555420
Return To Compliance Date: 2013-12-16T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Last Update: 2022-05-26T00:00:00.000
Inspection Date: 2013-12-03T16:41:00.000
Violation Code: 3030007 Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.; 22 CCR 12 66262.34(f).

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-137107
Program Element: Hazardous Waste Generator
Inspection Type: Return To Compliance (RTC)
Inspection Number: 4972252
Return To Compliance Date: 2013-12-16T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported

Last Update: 2022-05-26T00:00:00.000
Inspection Date: 2013-12-03T17:07:00.000
Violation Code: 3030007 Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.; 22 CCR 12 66262.34(f).

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-137107
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 4555420
Return To Compliance Date: 2013-12-16T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported

Last Update: 2022-05-26T00:00:00.000
Inspection Date: 2013-12-03T16:41:00.000
Violation Code: 1010006 Failure to update hazardous material inventory within 30 days when one of the following occurs: A 100 percent or more increase in the quantity of a previously disclosed material; Any handling of a previously undisclosed hazardous materials; A change of business address, business ownership, or business name; 19 CCR 4 2729.4(d); HSC 6.95 25505(b), 25510.

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-137107
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Return To Compliance (RTC)
Inspection Number: 4972252
Return To Compliance Date: 2013-12-16T00:00:00.000

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MAP FINDINGS

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Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-05-26T00:00:00.000
Inspection Date: 2013-12-03T17:07:00.000
Violation Code: 1010006 Failure to update hazardous material inventory within 30 days when one of the following occurs: A 100 percent or more increase in the quantity of a previously disclosed material; Any handling of a previously undisclosed hazardous materials; A change of business address, business ownership, or business name; 19 CCR 4 2729.4(d); HSC 6.95 25505(b), 25510.

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-137107
Program Element: Medical Waste
Inspection Type: Routine
Inspection Number: 6411297
Return To Compliance Date: 2020-07-01T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-05-26T00:00:00.000
Inspection Date: 2020-07-01T10:59:34.000
Violation Code: HMD4216 Failed to submit or report in CERS chemical inventory information for hazardous waste and/or medical waste, and keep up to date. SDCC 68.904(a)(2)

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-137107
Program Element: Hazardous Waste Generator
Inspection Type: Return To Compliance (RTC)
Inspection Number: 4972252
Return To Compliance Date: 2013-12-16T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-05-26T00:00:00.000
Inspection Date: 2013-12-03T17:07:00.000
Violation Code: HMD0221 HW storage- satellite Failed to comply with hazardous waste satellite container regulations. 22CCR 66262.34(e).

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-137107
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Return To Compliance (RTC)
Inspection Number: 4972252
Return To Compliance Date: 2013-12-16T00:00:00.000
Nov: No

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MAP FINDINGS

Site

Database(s)
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GENERAL ATOMICS (Continued)

S100732801

Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-05-26T00:00:00.000
Inspection Date: 2013-12-03T17:07:00.000
Violation Code: 1010005 Failure to complete and/or submit an annotated site map if required by CUPA; 19 CCR 4 2729.2(a)(3).

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-137107
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 4555420
Return To Compliance Date: 2013-12-16T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-05-26T00:00:00.000
Inspection Date: 2013-12-03T16:41:00.000
Violation Code: 1010005 Failure to complete and/or submit an annotated site map if required by CUPA; 19 CCR 4 2729.2(a)(3).

Waste and Materials:

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217769
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-27T00:47:15.000
Chemical Name: Liquid Nitrogen
Common Name: Liquid Nitrogen
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217773
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-27T00:47:15.000
Chemical Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Common Name: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217775
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-27T00:47:15.000
Chemical Name: Oxygen
Common Name: Oxygen

Map ID
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MAP FINDINGS

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Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0300059
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-07-17T02:16:25.000
Chemical Name: CARBON DIOXIDE GAS
Common Name: CARBON DIOXIDE GAS
Case Number: 189-23-20-1

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0300060
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-07-17T02:16:25.000
Chemical Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Common Name: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0300061
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-07-17T02:16:25.000
Chemical Name: Diesel Fuel
Common Name: Diesel Fuel
Case Number: 68334-30-5

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0267707
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-07-17T02:16:25.000
Chemical Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Common Name: SOLVENT MIXTURE-ACETONE & METHANOL
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0267708
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-07-17T02:16:25.000
Chemical Name: Waste 343 - Formaldehyde Solid Waste - Unspecified Organic Mixture
Common Name: Formaldehyde Solid Waste
Case Number: Not reported

Map ID
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Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0267709
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-07-17T02:16:25.000
Chemical Name: Waste 343 - Formaldehyde Liquid Waste - Unspecified Organic Liquid Mixture
Common Name: Formaldehyde Liquid Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0267710
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-07-17T02:16:25.000
Chemical Name: WASTE 905 INFECTIOUS WASTE, LAB
Common Name: Medical Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0267711
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-07-17T02:16:25.000
Chemical Name: Regulated liquid medical waste
Common Name: Bleached and sewerred liquid biowaste
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0195494
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-24T19:05:48.000
Chemical Name: Liquid Nitrogen
Common Name: Liquid Nitrogen
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0195495
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-24T19:05:48.000
Chemical Name: CARBON DIOXIDE LIQUID
Common Name: CARBON DIOXIDE LIQUID
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed

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MAP FINDINGS

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GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2018-HCHEM-0195496
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-24T19:05:48.000
Chemical Name: NITROGEN GAS
Common Name: NITROGEN GAS
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0195497
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-24T19:05:48.000
Chemical Name: CARBON DIOXIDE GAS
Common Name: CARBON DIOXIDE GAS
Case Number: 189-23-20-1

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0195498
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-24T19:05:48.000
Chemical Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Common Name: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0195499
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-24T19:05:48.000
Chemical Name: Diesel Fuel
Common Name: Diesel Fuel
Case Number: 68334-30-5

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0195500
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-24T19:05:48.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0168658

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Database(s)

GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-24T19:05:48.000
Chemical Name: Waste 352 Solid Lab Debris Waste
Common Name: Solid Contaminated Lab Debris Waste (Contaminated with Organic Compounds)
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0168659
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-24T19:05:48.000
Chemical Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Common Name: SOLVENT MIXTURE-ACETONE & METHANOL
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0168660
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-24T19:05:48.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: SHARPS CONTAINERS
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0168661
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-24T19:05:48.000
Chemical Name: WASTE 905 INFECTIOUS WASTE, LAB
Common Name: Medical Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0168662
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-24T19:05:48.000
Chemical Name: Waste 343 - Formaldehyde Solid Waste - Unspecified Organic Mixture
Common Name: Formaldehyde Solid Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0168663
Trade Secret: N
Hazardous Material Type: Not reported

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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2018-10-24T19:05:48.000
Chemical Name: Waste 343 - Formaldehyde Liquid Waste - Unspecified Organic Liquid Mixture
Common Name: Formaldehyde Liquid Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0250648
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-05-06T02:37:12.000
Chemical Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Common Name: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0250649
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-05-06T02:37:12.000
Chemical Name: Diesel Fuel
Common Name: Diesel Fuel
Case Number: 68334-30-5

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0250650
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-05-06T02:37:12.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0271950
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-05-22T02:37:05.000
Chemical Name: Liquid Nitrogen
Common Name: Liquid Nitrogen
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0271953
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-05-22T02:37:05.000
Chemical Name: CARBON DIOXIDE GAS

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GENERAL ATOMICS (Continued)

S100732801

Common Name:	CARBON DIOXIDE GAS
Case Number:	189-23-20-1
Record ID:	DEH2002-HUPFP-137107
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0271954
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2021-05-22T02:37:05.000
Chemical Name:	CARCINOGENS &/OR REPRODUCTIVE TOXINS
Common Name:	BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-137107
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0271955
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2021-05-22T02:37:05.000
Chemical Name:	Diesel Fuel
Common Name:	Diesel Fuel
Case Number:	68334-30-5
Record ID:	DEH2002-HUPFP-137107
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0271956
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2021-05-22T02:37:05.000
Chemical Name:	Oxygen
Common Name:	Oxygen
Case Number:	7782-44-7
Record ID:	DEH2002-HUPFP-137107
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0241279
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-05-22T02:37:05.000
Chemical Name:	Waste 352 Solid Lab Debris Waste
Common Name:	Solid Contaminated Lab Debris Waste (Contaminated with Organic Compounds)
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-137107
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0241280
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-05-22T02:37:05.000
Chemical Name:	WASTE 214 UNSPEC SOLVENT MIXTURE
Common Name:	SOLVENT MIXTURE-ACETONE & METHANOL
Case Number:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

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Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0241281
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-05-22T02:37:05.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: SHARPS CONTAINERS
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0241284
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-05-22T02:37:05.000
Chemical Name: Waste 343 - Formaldehyde Liquid Waste - Unspecified Organic Liquid Mixture
Common Name: Formaldehyde Liquid Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0241285
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-05-22T02:37:05.000
Chemical Name: WASTE 905 INFECTIOUS WASTE, LAB
Common Name: Medical Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0300056
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-07-17T02:16:25.000
Chemical Name: Liquid Nitrogen
Common Name: Liquid Nitrogen
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0300057
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-07-17T02:16:25.000
Chemical Name: CARBON DIOXIDE LIQUID
Common Name: CARBON DIOXIDE LIQUID
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2021-HWAST-0267712
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-07-17T02:16:25.000
Chemical Name: Medical waste sharps
Common Name: Biowaste sharps
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0271951
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-05-22T02:37:05.000
Chemical Name: CARBON DIOXIDE LIQUID
Common Name: CARBON DIOXIDE LIQUID
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0271952
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-05-22T02:37:05.000
Chemical Name: NITROGEN GAS
Common Name: NITROGEN GAS
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0241282
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-05-22T02:37:05.000
Chemical Name: WASTE 905 INFECTIOUS WASTE, LAB
Common Name: Medical Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0241283
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-05-22T02:37:05.000
Chemical Name: Waste 343 - Formaldehyde Solid Waste - Unspecified Organic Mixture
Common Name: Formaldehyde Solid Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0250645

Map ID
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MAP FINDINGS

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Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-05-06T02:37:12.000
Chemical Name: CARBON DIOXIDE LIQUID
Common Name: CARBON DIOXIDE LIQUID
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0250646
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-05-06T02:37:12.000
Chemical Name: NITROGEN GAS
Common Name: NITROGEN GAS
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0250647
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-05-06T02:37:12.000
Chemical Name: CARBON DIOXIDE GAS
Common Name: CARBON DIOXIDE GAS
Case Number: 189-23-20-1

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0221866
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-05-06T02:37:12.000
Chemical Name: Waste 352 Solid Lab Debris Waste
Common Name: Solid Contaminated Lab Debris Waste (Contaminated with Organic Compounds)
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0221867
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-05-06T02:37:12.000
Chemical Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Common Name: SOLVENT MIXTURE-ACETONE & METHANOL
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0221868
Trade Secret: N
Hazardous Material Type: Not reported

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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2020-05-06T02:37:12.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: SHARPS CONTAINERS
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0221869
Trade Secret: N
Hazardous Material Type: Not reported

Last Updated: 2020-05-06T02:37:12.000
Chemical Name: WASTE 905 INFECTIOUS WASTE, LAB
Common Name: Medical Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0221870
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-05-06T02:37:12.000
Chemical Name: Waste 343 - Formaldehyde Solid Waste - Unspecified Organic Mixture
Common Name: Formaldehyde Solid Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0221871
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-05-06T02:37:12.000
Chemical Name: Waste 343 - Formaldehyde Liquid Waste - Unspecified Organic Liquid Mixture
Common Name: Formaldehyde Liquid Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0173826
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-05-25T02:34:05.000
Chemical Name: Liquid Nitrogen
Common Name: Liquid Nitrogen
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0173827
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-05-25T02:34:05.000
Chemical Name: CARBON DIOXIDE LIQUID

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GENERAL ATOMICS (Continued)

S100732801

Common Name: CARBON DIOXIDE LIQUID
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0173828
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-05-25T02:34:05.000
Chemical Name: NITROGEN GAS
Common Name: NITROGEN GAS
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0173829
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-05-25T02:34:05.000
Chemical Name: CARBON DIOXIDE GAS
Common Name: CARBON DIOXIDE GAS
Case Number: 189-23-20-1

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0173830
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-05-25T02:34:05.000
Chemical Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Common Name: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0173831
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-05-25T02:34:05.000
Chemical Name: Diesel Fuel
Common Name: Diesel Fuel
Case Number: 68334-30-5

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0173832
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-05-25T02:34:05.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0147961
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-05-25T02:34:05.000
Chemical Name: Waste 352 Solid Lab Debris Waste
Common Name: Solid Contaminated Lab Debris Waste (Contaminated with Organic Compounds)
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0147962
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-05-25T02:34:05.000
Chemical Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Common Name: SOLVENT MIXTURE-ACETONE & METHANOL
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0147963
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-05-25T02:34:05.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: SHARPS CONTAINERS
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0147964
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-05-25T02:34:05.000
Chemical Name: WASTE 905 INFECTIOUS WASTE, LAB
Common Name: Medical Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0147965
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-05-25T02:34:05.000
Chemical Name: Waste 343 - Formaldehyde Solid Waste - Unspecified Organic Mixture
Common Name: Formaldehyde Solid Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed

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GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2018-HWAST-0147966
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-05-25T02:34:05.000
Chemical Name: Waste 343 - Formaldehyde Liquid Waste - Unspecified Organic Liquid Mixture
Common Name: Formaldehyde Liquid Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0300058
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-07-17T02:16:25.000
Chemical Name: NITROGEN GAS
Common Name: NITROGEN GAS
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0300062
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-07-17T02:16:25.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0267706
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-07-17T02:16:25.000
Chemical Name: Waste 352 Solid Lab Debris Waste
Common Name: Solid Contaminated Lab Debris Waste (Contaminated with Organic Compounds)
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0159688
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-10-20T01:47:12.000
Chemical Name: Liquid Nitrogen
Common Name: Liquid Nitrogen
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0159689

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EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-10-20T01:47:12.000
Chemical Name: CARBON DIOXIDE LIQUID
Common Name: CARBON DIOXIDE LIQUID
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0159690
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-10-20T01:47:12.000
Chemical Name: NITROGEN GAS
Common Name: NITROGEN GAS
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0159691
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-10-20T01:47:12.000
Chemical Name: CARBON DIOXIDE GAS
Common Name: CARBON DIOXIDE GAS
Case Number: 189-23-20-1

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0159692
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-10-20T01:47:12.000
Chemical Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Common Name: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0159693
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-10-20T01:47:12.000
Chemical Name: Diesel Fuel
Common Name: Diesel Fuel
Case Number: 68334-30-5

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0135508
Trade Secret: N
Hazardous Material Type: Not reported

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Database(s)

GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2017-10-20T01:47:13.000
Chemical Name: Waste 352 Solid Lab Debris Waste
Common Name: Solid Contaminated Lab Debris Waste (Contaminated with Organic Compounds)
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0135509
Trade Secret: N

Hazardous Material Type: Not reported
Last Updated: 2017-10-20T01:47:13.000
Chemical Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Common Name: SOLVENT MIXTURE-ACETONE & METHANOL
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0135510
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-10-20T01:47:13.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: SHARPS CONTAINERS
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0135511
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-10-20T01:47:13.000
Chemical Name: WASTE 905 INFECTIOUS WASTE, LAB
Common Name: Medical Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0135512
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-10-20T01:47:13.000
Chemical Name: Waste 343 - Formaldehyde Solid Waste - Unspecified Organic Mixture
Common Name: Formaldehyde Solid Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0135513
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-10-20T01:47:13.000
Chemical Name: Waste 343 - Formaldehyde Liquid Waste - Unspecified Organic Liquid Mixture

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GENERAL ATOMICS (Continued)

S100732801

Common Name: Formaldehyde Liquid Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217770
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-27T00:47:15.000
Chemical Name: CARBON DIOXIDE LIQUID
Common Name: CARBON DIOXIDE LIQUID
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217771
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-27T00:47:15.000
Chemical Name: NITROGEN GAS
Common Name: NITROGEN GAS
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217772
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-27T00:47:15.000
Chemical Name: CARBON DIOXIDE GAS
Common Name: CARBON DIOXIDE GAS
Case Number: 189-23-20-1

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217774
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-27T00:47:15.000
Chemical Name: Diesel Fuel
Common Name: Diesel Fuel
Case Number: 68334-30-5

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0187847
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-11-27T00:47:17.000
Chemical Name: Waste 352 Solid Lab Debris Waste
Common Name: Solid Contaminated Lab Debris Waste (Contaminated with Organic Compounds)
Case Number: Not reported

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MAP FINDINGS

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Database(s) EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0187848
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-11-27T00:47:17.000
Chemical Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Common Name: SOLVENT MIXTURE-ACETONE & METHANOL
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0187849
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-11-27T00:47:17.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: SHARPS CONTAINERS
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0187850
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-11-27T00:47:17.000
Chemical Name: WASTE 905 INFECTIOUS WASTE, LAB
Common Name: Medical Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0187851
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-11-27T00:47:17.000
Chemical Name: Waste 343 - Formaldehyde Solid Waste - Unspecified Organic Mixture
Common Name: Formaldehyde Solid Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0187852
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-11-27T00:47:17.000
Chemical Name: Waste 343 - Formaldehyde Liquid Waste - Unspecified Organic Liquid Mixture
Common Name: Formaldehyde Liquid Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed

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GENERAL ATOMICS (Continued)

S100732801

Active Permit: Y
Child Record Id: DEH2016-HCHEM-0111722
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-06-30T01:14:00.000
Chemical Name: Liquid Nitrogen
Common Name: Liquid Nitrogen
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0111723
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-06-30T01:14:00.000
Chemical Name: CARBON DIOXIDE LIQUID
Common Name: CARBON DIOXIDE LIQUID
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0111724
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-06-30T01:14:00.000
Chemical Name: NITROGEN GAS
Common Name: NITROGEN GAS
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0111725
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-06-30T01:14:00.000
Chemical Name: CARBON DIOXIDE GAS
Common Name: CARBON DIOXIDE GAS
Case Number: 189-23-20-1

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0111726
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-06-30T01:14:00.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0111727

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

GENERAL ATOMICS (Continued)

S100732801

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-06-30T01:14:00.000
Chemical Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Common Name: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0111728
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-06-30T01:14:00.000
Chemical Name: Diesel Fuel
Common Name: Diesel Fuel
Case Number: 68334-30-5

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0093513
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-30T01:14:01.000
Chemical Name: Waste 352 Solid Lab Debris Waste
Common Name: Solid Contaminated Lab Debris Waste (Contaminated with Organic Compounds)
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0093514
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-30T01:14:01.000
Chemical Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Common Name: SOLVENT MIXTURE-ACETONE & METHANOL
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0093515
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-30T01:14:01.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: SHARPS CONTAINERS
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0093516
Trade Secret: N
Hazardous Material Type: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Last Updated: 2017-06-30T01:14:01.000
Chemical Name: WASTE 905 INFECTIOUS WASTE, LAB
Common Name: Medical Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0093517
Trade Secret: N

Hazardous Material Type: Not reported
Last Updated: 2017-06-30T01:14:01.000
Chemical Name: Waste 343 - Formaldehyde Solid Waste - Unspecified Organic Mixture
Common Name: Formaldehyde Solid Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0093518
Trade Secret: N

Hazardous Material Type: Not reported
Last Updated: 2017-06-30T01:14:01.000
Chemical Name: Waste 343 - Formaldehyde Liquid Waste - Unspecified Organic Liquid Mixture
Common Name: Formaldehyde Liquid Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-137107
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0250644
Trade Secret: N

Hazardous Material Type: Pure
Last Updated: 2020-05-06T02:37:12.000
Chemical Name: Liquid Nitrogen
Common Name: Liquid Nitrogen
Case Number: 7727-37-9

Name: MULTIPLE PEPTIDE SYSTEMS BLDG2
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 123434
Business Type: 6HK67
EPA Id Number: CAD982325714
APN: 340-020-43-00
Last HMMD Inspection: 04/23/2001
Facility Telephone: 858-455-2852
Permit Status: INAC
Permit Expiration: 12/31/2002
Date Last Updated: 11/02/2012
Facility Owner: ISOICHEM SA
Facility Mailing Address: 3550 GENERAL ATOMICS CT
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121-1122
UST Owner: Not reported

Map ID
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MAP FINDINGS

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Database(s)
EDR ID Number
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GENERAL ATOMICS (Continued)

S100732801

Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Name: ENERGY SCIENCE LABORATORIES
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 123462
Business Type: Not reported
EPA Id Number: Not reported
APN: 340-020-43-00
Last HMMD Inspection: 08/07/1990
Facility Telephone: Not reported
Permit Status: INAC
Permit Expiration: 08/07/1990
Date Last Updated: 11/02/2012
Facility Owner: Not reported
Facility Mailing Address: Not reported
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Name: BIOSITE DIAGNOSTICS
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 123498
Business Type: Not reported
EPA Id Number: CAL000020439
APN: 340-020-43-00
Last HMMD Inspection: 08/06/1990
Facility Telephone: 858-455-3163
Permit Status: INAC
Permit Expiration: 08/06/1990
Date Last Updated: 11/02/2012
Facility Owner: BIOSITE DIAGNOSTICS
Facility Mailing Address: 3550 GENERAL ATOMICS CT
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121-1122
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

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GENERAL ATOMICS (Continued)

S100732801

Name: OGDEN ENVIRONMENTAL SVCS INC
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 119439
Business Type: Not reported
EPA Id Number: CAD981613789
APN: 340-020-43-00
Last HMMD Inspection: 06/19/1990
Facility Telephone: 858-455-3045
Permit Status: INAC
Permit Expiration: 06/19/1990
Date Last Updated: 11/02/2012
Facility Owner: OGDEN CORPORATION
Facility Mailing Address: 3550 GENERAL ATOMICS CT
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92121-1122
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Name: ASTUTE MEDICAL INCORPORATED
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Permit Number: 210265
Business Type: 6HK67
EPA Id Number: Not reported
APN: 340-020-43-00
Last HMMD Inspection: 03/28/2012
Facility Telephone: 858-792-3544
Permit Status: OPEN
Permit Expiration: 05/31/2013
Date Last Updated: 11/02/2012
Facility Owner: CHRISTOPHER HIBBERD
Facility Mailing Address: 3550 GENERAL ATOMICS CT BLDG #2
Facility Mailing City: San Diego
Facility Mailing State: CA
Facility Mailing Zip: 92121
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Y

Inventory Active Permits (not SQG Medical):

Permit Number: 210265
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported

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MAP FINDINGS

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Database(s)
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GENERAL ATOMICS (Continued)

S100732801

Hazardous Categories 2: Not reported

Permit Number: 210265
Update Date: 11/02/2012
Case Number: 17778-88-0
Name: NITROGEN LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 210265
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 210265
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 210265
Update Date: 11/02/2012
Inspection Date: 03/28/2012
Violation Code: 6HV1008
Violation: NO ANNUAL CARC/REPRO TOXIN LIST TO HMD
Violation Citation: Annual carcinogen and reproductive toxin list not submitted to HMD. 68.1113(c)
Activity: ACTIVE

Permit Number: 210265
Update Date: 11/02/2012
Inspection Date: 03/28/2012
Violation Code: 6HV1013
Violation: HMBP NOT AVAILABLE FOR REVIEW
Violation Citation: Copy of HMBP not onsite for inspector's review. 25505(e)
Activity: ACTIVE

Permit Number: 210265
Update Date: 11/02/2012
Inspection Date: 03/28/2012
Violation Code: 6HV1017
Violation: HMBP NOT CERTIFIED ANNUALLY
Violation Citation: Business Plan not certified annually. 25505(d) & (e)(2)
Activity: ACTIVE

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MAP FINDINGS

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Database(s)
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GENERAL ATOMICS (Continued)

S100732801

SWEEPS UST:

Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City: SAN DIEGO
Status: Not reported
Comp Number: 14873
Number: Not reported
Board Of Equalization: 44-022895
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-014873-000001
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 5

Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City: SAN DIEGO
Status: Not reported
Comp Number: 14873
Number: Not reported
Board Of Equalization: 44-022895
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-014873-000002
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City: SAN DIEGO
Status: Not reported
Comp Number: 14873
Number: Not reported
Board Of Equalization: 44-022895
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-014873-000003
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL

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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City: SAN DIEGO
Status: Not reported
Comp Number: 14873
Number: Not reported
Board Of Equalization: 44-022895
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-014873-000004
Tank Status: Not reported
Capacity: 3000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: OTHER
Number Of Tanks: Not reported

Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City: SAN DIEGO
Status: Not reported
Comp Number: 14873
Number: Not reported
Board Of Equalization: 44-022895
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-014873-000006
Tank Status: Not reported
Capacity: 2000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: OTHER
Number Of Tanks: Not reported

Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City: SAN DIEGO
Status: Active
Comp Number: 14873
Number: 9
Board Of Equalization: 44-022895
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-014873-000005
Tank Status: A

Map ID
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MAP FINDINGS

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Database(s) EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Capacity: 3000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: OTHER
Number Of Tanks: 2

Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City: SAN DIEGO
Status: Active
Comp Number: 14873
Number: 9
Board Of Equalization: 44-022895
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-014873-000007
Tank Status: A
Capacity: 1000
Active Date: Not reported
Tank Use: CHEMICAL
STG: W
Content: Not reported
Number Of Tanks: Not reported

EMI:

Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Year: 2000
County Code: 37
Air Basin: SD
Facility ID: 5291
Air District Name: SD
SIC Code: 8731
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Year: 2001
County Code: 37
Air Basin: SD
Facility ID: 5291
Air District Name: SD
SIC Code: 8731

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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Year: 2002
County Code: 37
Air Basin: SD
Facility ID: 5291
Air District Name: SD
SIC Code: 8731
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Year: 2003
County Code: 37
Air Basin: SD
Facility ID: 5291
Air District Name: SD
SIC Code: 8731
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Year: 2004
County Code: 37
Air Basin: SD

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MAP FINDINGS

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EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Facility ID: 5291
Air District Name: SD
SIC Code: 8731
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.37408659
Reactive Organic Gases Tons/Yr: 0.37318382
Carbon Monoxide Emissions Tons/Yr: 0.0028716
NOX - Oxides of Nitrogen Tons/Yr: 0.0526982
SOX - Oxides of Sulphur Tons/Yr: 0.00137174
Particulate Matter Tons/Yr: 0.00575329
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.0018606

Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Year: 2005
County Code: 37
Air Basin: SD
Facility ID: 5291
Air District Name: SD
SIC Code: 8731
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .380401
Reactive Organic Gases Tons/Yr: .379503
Carbon Monoxide Emissions Tons/Yr: .03516
NOX - Oxides of Nitrogen Tons/Yr: .13846
SOX - Oxides of Sulphur Tons/Yr: .0023494
Particulate Matter Tons/Yr: .0054499829234972677
Part. Matter 10 Micrometers and Smllr Tons/Yr:.005286

Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Year: 2006
County Code: 37
Air Basin: SD
Facility ID: 5291
Air District Name: SD
SIC Code: 8731
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .380405663
Reactive Organic Gases Tons/Yr: .379494075
Carbon Monoxide Emissions Tons/Yr: .03515583
NOX - Oxides of Nitrogen Tons/Yr: .1384602
SOX - Oxides of Sulphur Tons/Yr: .0023501
Particulate Matter Tons/Yr: .005713125
Part. Matter 10 Micrometers and Smllr Tons/Yr:.005282175

Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 945390000

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MAP FINDINGS

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EDR ID Number
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Database(s)

GENERAL ATOMICS (Continued)

S100732801

ICE:

Envirostor ID: 3001211
Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
EPA ID: CAD067638957
Site Type: INSPECTION
Facility Status: No Action

Enforcement:

Action Type: Consent Order with Enforcement and Settlement - Federal CA/FO (385)
Action Date: 05/10/2001

Inspection:

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 01/15/2004
Violation Class: No Violations
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - * Non Major
Action Date: 08/12/1996
Violation Class: Class 1, Class 2, Minor
RTC Date: 06/18/1997

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 01/25/2000
Violation Class: Class 2, Minor
RTC Date: 04/26/2000

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 09/28/2000
Violation Class: Class 2
RTC Date: 02/14/2001

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 10/22/2002
Violation Class: Class 2
RTC Date: 12/19/2002

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 03/30/1999
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 10/29/2002
Violation Class: No Violations
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 11/18/2003
Violation Class: No Violations
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 03/13/2002
Violation Class: Minor

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GENERAL ATOMICS (Continued)

S100732801

RTC Date: 05/20/2002
Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 03/25/2002
Violation Class: No Violations
RTC Date: Not reported

HWP:

EPA ID: CAD067638957
Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
Cleanup Status: CLOSED
Latitude: 32.89391
Longitude: -117.2360
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Supervisor: Not reported
Site Code: 200506, 200508
Senate District: 39
Assembly District: 78

Public Information Officer: Not reported
Commercial Offsite Facility Types: Not reported
Quarterly Update: On April 29, 1998, DTSC issued a Resources Conservation and Recovery Act (RCRA) Facility Assessment (RFA) for General Atomics. On June 30, 1999, DTSC issued a revised RFA. The revised RFA identified eight solid waste management units (SWMUs) and one area of concern (AOC) that either have released or may release hazardous waste or hazardous waste constituents into the environment. The SWMUs and AOCs include Building 25 (SWMU 1), Building 41 Filtration Unit (SWMU 2), Building 41 Mixer Unit (SWMU 3), Building 41 Drying Oven (SWMU 4), Building 41 Baler/Compactor (SWMU 5), Building 41 Mixed/Hazardous Storage (Lower) Yard (SWMU 6), the Upper Yard Storage Area (SWMU 7), Building 37N residual contamination (SWMU 8), and Building 21 TRIGA Building backyard (AOC 1). All of the SWMUs save SWMU 8 were demolished and closed under oversight from the U.S. Nuclear Regulatory Commission (NRC) in 2005. In 2002, an Interim Measure consisting of soil excavation near building 37 removed 3000 cubic yards of soil, with an estimated 86.2 kg (190 lbs.) of TCE removed. In 2006 and 2007, a RCRA Facility Investigation (RFI) generally characterized the subsurface contamination and Indoor Air intrusion. Of the remaining 2 areas of possible concern are SWMU 8 and AOC 1. AOC 1 has already been investigated and assessed, and has been approved for continued industrial use. SWMU 8 (the residual contamination at Building 37) it still undergoing Corrective Action for the following hazardous waste constituents: 1,4-Dioxane, Perchloroethylene, and Trichloroethylene. Another Interim Measure is in process for the Indoor Air issues in Building 37, to try and mitigate existing Indoor Air issues through modifications to the HVAC system. General Atomics is still in a fee-for-service agreement with the DTSC.
Project Manager Lead: Not reported
Project Manager: Not reported
Permit Type: RCRA
Permit Effective Date: Not reported
Permit Expiration Date: Not reported
Calenviroscreen Score: 21-25%
Total Planned Hours: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Total Planned Amount: Not reported
Total Actual Hours: Not reported

Activities:

EPA ID: CAD067638957
Facility Type: Historical - Non-Operating
Facility Name: GENERAL ATOMICS
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2002-01-31 00:00:00
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: TU25-2 (Rinse) (GPRA Unit)
Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 01/31/2002

EPA ID: CAD067638957
Facility Type: Historical - Non-Operating
Facility Name: GENERAL ATOMICS
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2002-01-31 00:00:00
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: TU25-2 (Rinse) (GPRA Unit)
Event Description: New Operating Permit - TECHNICAL COMPLETE LETTER
Actual Date: 11/14/2001

EPA ID: CAD067638957
Facility Type: Historical - Non-Operating
Facility Name: GENERAL ATOMICS
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2002-01-31 00:00:00
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: TU25-2 (Rinse) (GPRA Unit)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Event Description: New Operating Permit - APPLICATION PART B RECEIVED
Actual Date: 03/01/1996

EPA ID: CAD067638957
Facility Type: Historical - Non-Operating
Facility Name: GENERAL ATOMICS
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2002-01-31 00:00:00
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: TU25-2 (Rinse) (GPRA Unit)
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date: 11/19/2001

EPA ID: CAD067638957
Facility Type: Historical - Non-Operating
Facility Name: GENERAL ATOMICS
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2002-01-31 00:00:00
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: TU25-2 (Rinse) (GPRA Unit)
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 03/04/2002

Closure:
EPA ID: CAD067638957
Facility Type: Historical - Non-Operating
Facility Name: GENERAL ATOMICS
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: CLOSED
Activity Type: Closure Final
Final Date: Not reported
Type: RCRA
Title Description: final closure of all units - Closure Certification
Due Date: Not reported
Comments: Not reported
Unit Names: INCIN1, STORAGE (SU25-1) (GPRA Unit), STORAGE (SU41-1&2) (GPRA Unit),

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Event Description: STORAGE (SUUY-1) (GPRA Unit), TU25-1 (Neutr) (GPRA Unit), TU25-2 (Rinse) (GPRA Unit), TU41-1(Mixer) (GPRA Unit), TU41-2 (Oven) (GPRA Unit), TU41-3(Bailer) (GPRA Unit), TU41-4 (Encl) (GPRA Unit), TU41-5(Rinsing Unit) (GPRA Unit), TU41-6 (Neutr) (GPRA Unit)
Actual Date: Closure Final - ISSUE CLOSURE VERIFICATION
07/07/2005

EPA ID: CAD067638957
Facility Type: Historical - Non-Operating
Facility Name: GENERAL ATOMICS
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: CLOSED
Activity Type: Closure Final
Final Date: Not reported
Type: RCRA
Title Description: final closure of all units - Closure Certification
Due Date: Not reported
Comments: Not reported
Unit Names: INCIN1, STORAGE (SU25-1) (GPRA Unit), STORAGE (SU41-1&2) (GPRA Unit), STORAGE (SUUY-1) (GPRA Unit), TU25-1 (Neutr) (GPRA Unit), TU25-2 (Rinse) (GPRA Unit), TU41-1(Mixer) (GPRA Unit), TU41-2 (Oven) (GPRA Unit), TU41-3(Bailer) (GPRA Unit), TU41-4 (Encl) (GPRA Unit), TU41-5(Rinsing Unit) (GPRA Unit), TU41-6 (Neutr) (GPRA Unit)

Event Description: Closure Final - RECEIVE CLOSURE CERTIFICATION
Actual Date: 06/23/2005

Alias:

EPA ID: CAD067638957
Facility Type: Historical - Non-Operating
Facility Name: GENERAL ATOMICS
Facility Status: CLOSED
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Alias Type: Project Code (Site Code)
Alias: 200506

EPA ID: CAD067638957
Facility Type: Historical - Non-Operating
Facility Name: GENERAL ATOMICS
Facility Status: CLOSED
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Alias Type: Project Code (Site Code)
Alias: 200508

SAN DIEGO CO LOP:
Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Record ID: DEH1990-LSAM-H14873-001

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

GENERAL ATOMICS (Continued)

S100732801

Record Status: Completed
 Opened Date: 06/29/1990
 Parcel Number: 340-020-43-00
 Case Type: LOP - Local Oversight Program
 Historical Name: GENERAL ATOMIC
 SWRCB Global ID: T0607300555
 Funding: F - LOP Federal Fund
 Lead Agency: DEH/SAM
 Lead Agency Date: 06/29/1990
 Census Tract: 83.39
 Community: San Diego
 Jurisdiction: SAN DIEGO
 Watershed Basin Number: 906.1
 Water Purveyor: SAN DIEGO
 Fire Agency: SAN DIEGO
 Latitude: 32.8939921
 Longitude: -117.2355886
 X MapCoord: 6259394.863
 Y MapCoord: 1906503.156

U288
South
1/2-1
0.706 mi.
3727 ft.

Relative:
Higher

Actual:
336 ft.

ASTUTE MEDICAL INC
3550 GENERAL ATOMICS CT
SAN DIEGO, CA 92121

Site 2 of 2 in cluster U

CA ENVIROSTOR **S103964279**
CA LUST **N/A**
CA CERS HAZ WASTE
CA CERS TANKS
CA CHMIRS
CA HAZNET
CA CERS

ENVIROSTOR:
 Name: GENERAL ATOMICS
 Address: 3550 GENERAL ATOMICS CT
 City,State,Zip: SAN DIEGO, CA 92121
 Facility ID: 80001461
 Status: Active
 Status Date: 01/01/2008
 Site Code: 200508
 Site Type: Corrective Action
 Site Type Detailed: Corrective Action
 Acres: 11
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: WM
 Program Manager: John Bystra
 Supervisor: Duane White
 Division Branch: Cleanup Sacramento
 Assembly: 78
 Senate: 39
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Responsible Party
 Latitude: 32.89391
 Longitude: -117.2360
 APN: NONE SPECIFIED
 Past Use: LABORATORIES- CHEMICAL, LABORATORIES- RADIOACTIVE, MACHINE SHOP, MAINTENANCE / CLEANING, MANUFACTURING - OTHER, UNDERGROUND STORAGE TANKS, EQUIPMENT/INSTRUMENT REPAIR, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, LABORATORIES- UNSPECIFIED, OFFICE BUILDING,

Map ID
Direction
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Elevation

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ASTUTE MEDICAL INC (Continued)

S103964279

RESEARCH - AEROSPACE, RESEARCH - CHEMICAL, RESEARCH - OTHER

Potential COC: Tetrachloroethylene (PCE Trichloroethylene (TCE 1,4-Dioxane
Confirmed COC: 1,4-Dioxane Tetrachloroethylene (PCE Trichloroethylene (TCE
Potential Description: IA, OTH, SOIL, SV
Alias Name: CAD067638957
Alias Type: EPA Identification Number
Alias Name: 200506
Alias Type: Project Code (Site Code)
Alias Name: 200508
Alias Type: Project Code (Site Code)
Alias Name: 80001461
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/27/2011
Comments: Report is acceptable, GSU Memo outlines suggested modifications to future submittals.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 08/16/2011
Comments: The document was submitted as reference material for the pilot study, which was previous reviewed and approved by DTSC personnel.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/22/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/08/2012
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ONSITE
Completed Document Type: Monitoring Report
Completed Date: 05/08/2019
Comments: The report demonstrates that concentrations of indoor air constituents have gone down significantly over time, and that commercial receptors in Building 37 are being protected by operations of the SVE system at the General Atomics' site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Corrective Measures Study Report
Completed Date: 12/15/2020
Comments: The Corrective Measures Study proposes a remedy composed of In Situ Chemical Oxidation for groundwater contamination, Soil Vapor Extraction and expansion and operation of an expansion to the existing SVE system to treat soil and soil vapor contamination, and appropriate monitoring and maintenance activities to verify that the

Map ID
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Elevation

MAP FINDINGS

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ASTUTE MEDICAL INC (Continued)

S103964279

remedy will remain in place until data shows it is no longer necessary.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 09/09/2019
Comments: DTSC accepted the response to comments document, but did not approve the workplan nor the RTCs since GA is not going to pursue implementing the workplan.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ONSITE
Completed Document Type: Technical Workplan
Completed Date: 08/01/2016
Comments: An email was initially sent out on 7/29/2016 to approve and give comments, and this email is superseded by the physical signed letter sent out 8/2/2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 08/28/2020
Comments: The final 2019 HHRA identifies that residual contamination at the Northern Sorrento Valley Property still needs remediation, and that once remediation is complete, a post-remediation risk assessment will be performed to verify whether the clean-up is complete, or whether additional remedial actions need to take place.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ONSITE
Completed Document Type: Monitoring Report
Completed Date: 11/07/2017
Comments: This report was provided for information purposes, and has already been addressed in DTSC's corrective action status letter as to the lack of efficacy of the permeable reactive barrier.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/11/2017
Comments: Since there will be a recommendations report for the PRB, DTSC PM is closing out this activity, to be addressed in review and response to the recommendations report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/24/2019
Comments: This groundwater monitoring report identifies that while groundwater conditions are relatively stable, contaminants are migrating from the General Atomics site to downgradient areas.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/13/2018

Map ID
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ASTUTE MEDICAL INC (Continued)

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Comments: DTSC approved both the 2Q2016 and 2017-2018 reports with one letter. Enclosed in the letter were a variety of GSU concerns including a) that these results should not be conclusively used to determine soil vapor and indoor air conditions downgradient of this area; b) that regular indoor air sampling should be considered for the offsite office complex; c) that using a concentration of 500 micrograms per liter of trichloroethylene in groundwater as a criterion for soil vapor sampling in the offsite downgradient complex does not appear to be justified, and c) that more proactive groundwater remediation at the source area should take place to prevent further contaminant migration.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/13/2018

Comments: DTSC approved both the 2Q2016 and 2017-2018 reports with one letter. Enclosed in the letter were a variety of GSU concerns including a) that these results should not be conclusively used to determine soil vapor and indoor air conditions downgradient of this area; b) that regular indoor air sampling should be considered for the offsite office complex; c) that using a concentration of 500 micrograms per liter of trichloroethylene in groundwater as a criterion for soil vapor sampling in the offsite downgradient complex does not appear to be justified, and c) that more proactive groundwater remediation at the source area should take place to prevent further contaminant migration.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/20/2009
Comments: Historical document upload.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 06/25/1998
Comments: Revised RFA

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Payment Agreement
Completed Date: 10/08/1999
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ONSITE
Completed Document Type: Monitoring Report
Completed Date: 11/02/2010
Comments: Decided to allow comments to modify future reports, since this is not a major milestone for the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/10/2010

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ASTUTE MEDICAL INC (Continued)

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Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 04/27/2010
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ONSITE
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 12/08/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/26/2010
Comments: The report review and acceptance was completed January 4, 2010, but the document was not uploaded until 3/26/2010.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ONSITE
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 10/08/2009
Comments: No modifications were required to the conditionally approved work plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/27/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/01/2010
Comments: Additional comments were sent to General Atomics from DTSC's Geological Services, and they are in a pdf attached to this activity.

Completed Area Name: OFFSITE, ONSITE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 07/16/2010
Comments: The draft Eco Risk assessment is also the final risk assessment, since Darrel Lauren's review did not require modification of the Ecological Risk Assessment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Implementation Report
Completed Date: 09/21/2016
Comments: The report was approved on 9/21/2016, and groundwater monitoring will verify the efficacy of the pilot study.

Completed Area Name: PROJECT WIDE

Map ID
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Distance
Elevation

MAP FINDINGS

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ASTUTE MEDICAL INC (Continued)

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Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/10/2017
Comments: The DTSC letter contained comments to be addressed in future documents, an the document was approved.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ONSITE
Completed Document Type: Monitoring Report
Completed Date: 01/17/2018
Comments: DTSC approves this report and the long-term indoor air monitoring report for 2015 in the same letter. The results of both reports generally support that while vapor intrusion is occurring, the soil vapor extraction system operations mitigate indoor air sufficiently to protect people in the building.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ONSITE
Completed Document Type: Monitoring Report
Completed Date: 12/19/2016
Comments: DTSC approved the report with comments: the comments will be addressed in subsequent documents to DTSC, and this supporting narrative reference each comment as it is addressed.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ONSITE
Completed Document Type: Monitoring Report
Completed Date: 01/17/2018
Comments: DTSC approves this report and the long-term indoor air monitoring report for 2016 in the same letter. The results of both reports generally support that while vapor intrusion is occurring, the soil vapor extraction system operations mitigate indoor air sufficiently to protect people in the building.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ONSITE
Completed Document Type: RFI Report
Completed Date: 06/28/2018
Comments: DTSC approved this report. It identified that while soil vapor and groundwater in the northern portion of Building 37 is significantly contaminated with volatile organic compounds (VOCs), the contamination attenuates away from the northern portion of Building 37 into the southern portion. Also, while three groundwater wells were installed in the southern portion of Building 37 as part of this investigation, groundwater monitoring of these wells will occur in the future, to help clarify distribution of VOCs in groundwater.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Request for Tribal Outreach
Completed Date: 02/08/2021
Comments: Tribal affairs submitted language to project management on 1/27/2021 that can be input into the Corrective Measures Implementation Plan (CMIP) to document what DTSC's Tribal Affairs office did to verify compliance with California Assembly Bill 52 (Tribal Consultation). This narrative was discussed between Tribal Affairs and project management, and the language was finalized on 2/8/2021. This language

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Elevation

MAP FINDINGS

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ASTUTE MEDICAL INC (Continued)

S103964279

will be transmitted to General Atomics as an enclosure to DTSC's comments on the CMIP so they can integrate what was done to ensure Tribal Consultation is documented accurately. This activity is thus being closed.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ONSITE
Completed Document Type: Correspondence
Completed Date: 12/14/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/16/2020
Comments: DTSC provided estimated costs for fiscal year 20/21

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 12/17/2018
Comments: The Industrial Hygenist, the Project Manager's Supervisor and the HERO supervisor's signature is on the uploaded pre-HARP. The GSU signed pre-HARP still needs to be uploaded. The pre-HARPs recognized that while there are contaminants at the GA site, none of them will be migrating into areas that would potentially expose DTSC personnel during the site visit and meeting, thus minimal Personal Protective Equipment was needed, and other administrative and engineering measures were not needed to keep people protected.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 12/11/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/26/2019
Comments: General Atomics approved the DTSC cost estimate package through email for all projected activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/09/2021
Comments: This activity was generated as a reminder to transmit the progress report and WDR report for GA to Patricia Moran by email so the interested tribes could see the data describing the implementation of the remedy and progress to it's completion.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/01/2021
Comments: GA proposed injections at transect DD', which included changes to the

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

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ASTUTE MEDICAL INC (Continued)

S103964279

permanganate monitoring for evaluating how the oxidant will distribute in downgradient and offsite groundwater areas once injected and volumes and general scope of oxidant injections. DTSC made recommendations to the proposed activities and how they should be documented. GA responded to DTSC comments, and DTSC's final email recommended that GA pursue their planned course of action, but did not technically approve it, since these activities should be part of the Corrective Measures Implementation Plan, and this is but a small part of the planned remedial activities at the General Atomics site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/08/2021
Comments:

This document is a monthly project update, prepared by General Atomics, which summarizes the remedial implementation activities up through the Month of June 2021. General Atomics produces this document for discussion on the monthly conference call between GA, DTSC and the San Diego Regional Water Quality Control Board.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/12/2021
Comments:

This document is a monthly project update, prepared by General Atomics, which summarizes the remedial implementation activities up through the Month of July 2021. General Atomics produces this document for discussion on the monthly conference call between GA, DTSC and the San Diego Regional Water Quality Control Board.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/09/2021
Comments:

Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/14/2021
Comments:

This is the MS Powerpoint Presentation given by GA to DTSC and the SDRWQCB to apprise both agencies of recent, current and pending activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/17/2021
Comments:

This document is a monthly project update, prepared by General Atomics, which summarizes the remedial implementation activities up through the Month of October 2021. General Atomics produces this document for discussion on the monthly conference call between GA, DTSC and the San Diego Regional Water Quality Control Board.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ASTUTE MEDICAL INC (Continued)

S103964279

Completed Date: 12/09/2021
Comments: This document is a monthly project update, prepared by General Atomics, which summarizes the remedial implementation activities up through and for the month of November 2021. General Atomics produces this document for discussion on the monthly conference call between GA, DTSC and the San Diego Regional Water Quality Control Board.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/13/2022
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/27/2021
Comments: The cost estimate package focuses on activities supporting the Corrective Measures Implementation Plan and the monitoring and progress reports tracking the progress of finalizing and implementing it.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/29/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/16/2009
Comments: The draft report was accepted as the final report, and the final report was approved on 9/16/2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 04/24/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/19/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/17/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 09/08/2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ASTUTE MEDICAL INC (Continued)

S103964279

Comments: Offsite soil/groundwater-Phase 2 report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 09/08/2005
Comments: Offsite soil/groundwater-Phase 3 workplan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 06/04/2004
Comments: Indoor air workplan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 11/19/2004
Comments: This is the RCRA Facility Investigation (RFI) Workplan, Phase II, for Offsite Soil and Groundwater

Completed Area Name: OFFSITE, ONSITE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 08/08/2007
Comments: approval letter for soil/groundwater RFI report - onsite and offsite letter the same

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 09/01/1982
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ONSITE
Completed Document Type: Interim Measures Implementation Report
Completed Date: 10/26/2009
Comments: DTSC approved the Report, but also deferring to DTSC's Human and Ecological Risk Office to address use of appropriate risk levels.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 11/24/2004
Comments: RCRA Facility Investigation (RFI) Workplan - Phase IV, On-site

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Implementation Report
Completed Date: 08/18/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Workplan
Completed Date: 09/24/2007

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ASTUTE MEDICAL INC (Continued)

S103964279

Comments: Controls are modified HV/AC System. Also administrative controls on Utility Tunnel. ps 9/04/08

Completed Area Name: Sites With No Operable Unit

Completed Sub Area Name: ONSITE

Completed Document Type: Monitoring Report

Completed Date: 03/18/2015

Comments: Once the tables were received, they were appended to the report to make it final.

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Monitoring Report

Completed Date: 11/03/2015

Comments: Not reported

Completed Area Name: Sites With No Operable Unit

Completed Sub Area Name: OFFSITE

Completed Document Type: RFI Workplan

Completed Date: 09/06/2016

Comments: The workplan revision was completed.

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Monitoring Report

Completed Date: 08/13/2018

Comments: DTSC has approved the report. DTSC is raising concerns with the lack of effectiveness at preventing volatile organic compounds (VOCs) in groundwater from migrating offsite: there have been 2 significant efforts to impede these VOCs (the phytoremediation pilot study and the permeable reactive barrier pilot study), and both have largely failed. DTSC's recommendations were made to affect future reporting.

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Corrective Measures Study Workplan

Completed Date: 10/30/2015

Comments: The draft version was accepted, with comments given by DTSC to clarify the Revised CMS Report.

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Monitoring Report

Completed Date: 10/11/2016

Comments: The Report is approved.

Completed Area Name: Sites With No Operable Unit

Completed Sub Area Name: ONSITE

Completed Document Type: RFI Workplan

Completed Date: 02/12/2016

Comments: Not reported

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Public Notice

Completed Date: 10/07/2020

Comments: This public notice was issued on October 7, 2020, and is valid until

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ASTUTE MEDICAL INC (Continued)

S103964279

November 6, 2020.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/18/2022
Comments: This Waste Discharge Requirements Monitoring Report was prepared primarily for the San Diego Regional Water Quality Control Board, but is also transmitted to DTSC to convey how the groundwater is being remediated through the ISCO injection activities. 88,000 gallons of 5% (by volume) Sodium Permanganate was injected between July and September 2021 at the GA site. The oxidant continues to reduce concentrations of volatile organic compounds in site groundwater. This is affecting both downgradient groundwater and source-zone groundwater in positive ways. The report also recommends that groundwater remediation continues into the next quarter.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/29/2017
Comments: There was an email exchange that took place between Jill Slater and General Atomics that identified that they were okay with the cost estimate as written. Since the signed acknowledgement form was not sent to DTSC, this is as placeholder for approval of the cost estimate for the 17-18 fiscal year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2018
Comments: DTSC submitted the cost estimate for the General Atomics site, which estimates 201 hours of work for the project manager, with the total estimated cost of \$191,652 for DTSC oversight for the complete July 2018- June 2019 DTSC fiscal year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/15/2018
Comments: This is an email from General Atomics to DTSC to summarize an indoor air issue that was detected and the follow-up that was implemented.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/25/2018
Comments: DTSC prepared a letter to review the current corrective action process and propose a meeting to refocus the process back on remedy selection and achieving it by 2020 to meet the requirements of the GPRA 2020 goals.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/10/2020
Comments: Since DTSC still is unable to travel with respect to flying, DTSC is

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ASTUTE MEDICAL INC (Continued)

S103964279

considering this travel cancelled.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2021
Comments: This event was prepared to encompass all activities that were needed to track the work on this site, but not attributable to a specific document, but rather general activities (such as project tracking, updating historical records in Envirostor, and the like).

Completed Area Name: OFFSITE, ONSITE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/31/2018
Comments: General Atomics' Keith Asmussen responded to DTSC's January 24, 2018 letter requesting a meeting to discuss the remedy selection process, offering specific dates based on GA and their consultant's availability.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/15/2018
Comments: DTSC and General Atomics agreed on an agenda for the site visit and meeting taking place December 18 and 19, 2018.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/19/2019
Comments: DTSC approved the request to postpone groundwater monitoring from 1Q2019 to 2Q2019, due to pilot study activities taking place, and delaying the monitoring to better coincide with these activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/12/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/18/2015
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ONSITE
Completed Document Type: Technical Report
Completed Date: 12/16/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/29/2015

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ASTUTE MEDICAL INC (Continued)

S103964279

Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ONSITE
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 03/20/2015
Comments: The Workplan was approved on 3/20/2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/23/2020
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ONSITE
Completed Document Type: Monitoring Report
Completed Date: 05/08/2019
Comments: This report documented all the activities with the SVE system over the 2016 to 2018 time period, and demonstrated that human receptors are being protected in Building 37.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ONSITE
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 03/21/2019
Comments: The Soil Vapor Extraction (SVE) System Expansion Workplan is a pilot study to determine the effectiveness of expanding the SVE System and whether it can be used as part of the final remedy for the General Atomics site. This pilot study will be evaluated in the Corrective Measures Study.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/19/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/03/2021
Comments: DTSC commented on multiple WDR reports and project updates with a single letter, making a variety of comments, but focusing as to how GA can prepare future progress reports to address comments like these. DTSC considers these WDRs final.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/03/2021
Comments: DTSC commented on multiple WDR reports and project updates with a single letter, making a variety of comments, but focusing as to how GA can prepare future progress reports to address comments like these. DTSC considers these WDRs final.

Completed Area Name: PROJECT WIDE

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ASTUTE MEDICAL INC (Continued)

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Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 12/21/2020
Comments: General Atomics letter plan for early start of the In Situ Chemical Oxidation system proposes a smaller footprint of injections, at 350 gallons per well per event, over 50 wells, totaling 17,500 gallons per month of a 5% solution of sodium permanganate, for 3 months. After 3 months, this plan does not indicate what the injection schedule is: this information should be contained in the Corrective Measures Implementaion Plan, to be submitted to DTSC in January 2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/03/2021
Comments: DTSC commented on multiple WDR reports and project updates with a single letter, making a variety of comments, but focusing as to how GA can prepare future progress reports to address comments like these. DTSC considers these WDRs final.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/13/2021
Comments: The 2Q2021 WDR Monitoring Report conveys the In Situ Chemical Oxidation Activities that occurred during this time period for the General Atomics site. Overall, the site groundwater is showing significant destruction of contaminants, and the permanganate oxidant is slowly migrating towards off-site areas.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/10/2021
Comments: GA, DTSC and the San Diego Regional Water Quality Control Board discussed the monthly update on June 10, 2021. The monthly update conveyed the present and planned full-scale remedial activities for the General Atomics site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/03/2021
Comments: DTSC commented on multiple WDR reports and project updates with a single letter, making a variety of comments, but focusing as to how GA can prepare future progress reports to address comments like these. DTSC considers these WDRs final.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/03/2021
Comments: DTSC commented on multiple WDR reports and project updates with a single letter, making a variety of comments, but focusing as to how GA can prepare future progress reports to address comments like these. DTSC considers these WDRs final.

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ASTUTE MEDICAL INC (Continued)

S103964279

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ONSITE
Completed Document Type: Technical Report
Completed Date: 09/25/2020
Comments: The 60-day report identified the In-Situ Chemical Oxidation wells that were drilled and the geological information acquired during drilling. DTSC accepted the document and recommended it be included in the corrective measures implementation process and documentation.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ONSITE
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 03/26/2021
Comments: This report identified many of the details of the groundwater pump testing that occurred, as well as the in-situ chemical oxidation pilot study and the results of that study. This report identified that the proposed ISCO is effective in groundwater at the General Atomics site. While DTSC had comments on the report, DTSC recommends in our letter that these comments are addressed in the Corrective Measures Implementation Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/01/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 12/12/2019
Comments: The Groundwater Sampling Program proposes groundwater sampling for the site and offsite wells, and recognizes that sampling rates at different wells will likely have to change over time due to in-situ chemical oxidation. DTSC approved this plan, and recommended articulating a plan for determining when sampling frequency should change for the site and offsite wells in the Corrective Measures Implementation Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 11/06/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/30/2020
Comments: This report documented the groundwater information post Phase 1 and 2 injections of the ISCO pilot study. The groundwater data showed significant reductions in concentrations of VOCs at the site's groundwater, based on the oxidant's destruction of VOCs. The report also documents that small amounts of metals are mobilized during injection activities, but the metals concentrations appear to reduce a few months after injections are performed.

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ASTUTE MEDICAL INC (Continued)

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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/11/2021
Comments: Project update

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/25/2020
Comments: The 60-day report identified the In-Situ Chemical Oxidation wells, the Soil Vapor Extraction wells, and the Soil Vapor Probes that were drilled and the geological information acquired during drilling. DTSC accepted the document and recommended it be included in the corrective measures implementation process and documentation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/28/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/08/2021
Comments: Project update

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 11/26/2019
Comments: DTSC visited the General Atomics facility on November 25, 2019, and attending a meeting at General Atomics on November 26, 2019.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/15/2021
Comments: This is the first GA progress report documenting the components of the remedy not already addressed in the waste discharge requirements reports for the In Situ Chemical Oxidation components of the remedy. This report identifies all the major activities occurring as far as remedy implementation is concerned. DTSC made recommendations to help flesh out future reports with more Soil Vapor Extraction information and more recommendations for operations and monitoring activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 01/26/2022
Comments: This GA progress report documents the components of the remedy not already addressed in the waste discharge requirements reports for the In Situ Chemical Oxidation components of the remedy. This report identifies all the major activities occurring associated with remedy implementation. The volume of oxidant injected so far is approximately 240,000 gallons of 5% Sodium Permanganate. The Soil

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ASTUTE MEDICAL INC (Continued)

S103964279

Vapor Extraction system has cumulatively removed approximately 509 lbs of Volatile Organic Compounds from the subsurface. DTSC made recommendations to help flesh out future reports with more Soil Vapor Extraction information and more recommendations for operations and monitoring activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/11/2021
Comments: Project update

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/13/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 09/23/2016
Comments: Current Human Exposures Under Control EI is met.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/04/2014
Comments: This is the signed cost estimate acknowledgement form.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: OFFSITE
Completed Document Type: Correspondence
Completed Date: 08/21/2015
Comments: The signed letter was sent 8/21/2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Selection and Statement of Basis
Completed Date: 12/03/2020
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: OFFSITE
Completed Document Type: Correspondence
Completed Date: 06/26/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/18/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence

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ASTUTE MEDICAL INC (Continued)

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Completed Date: 06/25/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/06/2016
Comments: The signed form was received on 10/6/2016.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: OFFSITE
Completed Document Type: RFI Report
Completed Date: 04/02/2018
Comments: DTSC approves the report with revised documents, which identifies that there were no indoor air risks at the time of sampling, based on comparison to appropriate screening levels. Offsite was identified as 'needing further action' because until groundwater contamination moving from upgradient is under control, this area cannot be considered No Further Action.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 09/08/2005
Comments: Onsite soil/groundwater - Phase 5 workplan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 09/08/2005
Comments: Onsite soil/groundwater-Phase 4 report

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ONSITE
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 02/26/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan Addendum
Completed Date: 03/19/2013
Comments: An email was sent indicating conditional approval, but General Atomics will be sending comments to address our concerns, at which point DTSC will send an official approval letter, which will replace and supercede the DTSC email.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/13/2016
Comments: These reports were uploaded for informational purposes, and no approval or comments letter was intended following their review.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report

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ASTUTE MEDICAL INC (Continued)

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Completed Date: 09/28/2020
Comments: The SVE System Expansion Report was prepared to document installation of additional SVE wells under and next to Building 37 on the GA property. The new well network will better ensure that human health is protected during its operation, and that more contaminant mass can be removed from beneath Building 37.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 06/05/2019
Comments: This document was provided to DTSC by General Atomics to show the permit application GA submitted to the Water Board for approval. The permit application was for the In-Situ Chemical Oxidation pilot study to be applied at the site, and the water board approved the application and approved the permit for GA's planned activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/19/2019
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ONSITE
Completed Document Type: Technical Workplan
Completed Date: 07/20/2018
Comments: DTSC concurred with the approach of what to include in the report and the general format and components to appear in the document.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/03/2020
Comments: The report identifies that concentrations of contaminants in indoor air have been steadily decreasing with implementation of the SVE system and expansion of it, and the report requested that the institutional controls associated with the utility tunnel be discontinued and that indoor air monitoring in Building 37 is not required for 2019. DTSC approved both requests, but made it contingent on continued operation of the SVE system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/24/2019
Comments: This groundwater monitoring report identifies that while groundwater conditions are relatively stable, contaminants are migrating from the General Atomics site to downgradient areas.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/29/2019
Comments: DTSC traveled to General Atomics in San Diego on May 28 and 29, 2019.

Completed Area Name: PROJECT WIDE

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ASTUTE MEDICAL INC (Continued)

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Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/19/2018
Comments: DTSC performed both a site visit on 12/18 and had a meeting with General Atomics and their consultants on 12/19 to discuss historical corrective action activities and focused on the Government Performance and Results Act 2020 goals of US EPA to determine what needs to be done at the site to achieve these goals.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/30/2018
Comments: General Atomics submitted this final Waste Discharge Requirements report before the San Diego Regional Water Quality Control Board allowed them to discontinue the waste discharge reporting process. This report, as well as those previously submitted to DTSC, show that the permeable reactive barrier has had little to no effect on volatile organic compounds in groundwater migrating offsite from the General Atomics property.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: ONSITE
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 03/21/2019
Comments: The final Groundwater Pump Test and In-Situ Chemical Oxidation Bench Scale and Pilot Test Work Plan is implementing extracting groundwater and seeing the results on the local aquifer, and acquiring bench scale and pilot study data for oxidants that can be used to effectively destroy solvents in groundwater at the General Atomics site. Both of these pilot studies will be used to determine if these technologies can be used as components of the final remedy for the General Atomics site, such that offsite migration of contamination becomes inconsequential.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/08/2019
Comments: This report identified information about how quickly contaminants in the subsurface below Building 37 regenerate sufficiently for SVE operations to be useful and necessary.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/08/2019
Comments: This report documented the various characteristics of the SVE system given three different extraction scenarios, including measuring vacuum across the building slab in these different scenarios. The report demonstrates that expansion of the SVE system is warranted, due to the lack of effective extraction in the southern portion of Building 37.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate

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ASTUTE MEDICAL INC (Continued)

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Completed Date: 07/15/2013
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Remedial Action Completion Report
Future Due Date: 2024
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Ready for Anticipated Use
Future Due Date: 2028
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Remedy Construction Complete
Future Due Date: 2023
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Cleanup Complete
Future Due Date: 2028
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Groundwater Migration Controlled
Future Due Date: 2023
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Facility ID: 71002537
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Assembly: 78
Senate: 39
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 32.89402
Longitude: -117.2366
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED

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ASTUTE MEDICAL INC (Continued)

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Potential Description: NONE SPECIFIED
Alias Name: CAD067638957
Alias Type: EPA Identification Number
Alias Name: 71002537
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

LUST:

Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 921211194
Lead Agency: SAN DIEGO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607300555
Global Id: T0607300555
Latitude: 32.89402
Longitude: -117.236652
Status: Completed - Case Closed
Status Date: 07/16/1992
Case Worker: Not reported
RB Case Number: 9UT1766
Local Agency: Not reported
File Location: Local Agency
Local Case Number: H14873-001
Potential Media Affect: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

LUST:

Global Id: T0607300555
Action Type: ENFORCEMENT
Date: 07/10/1992
Action: Closure/No Further Action Letter

LUST:

Global Id: T0607300555
Status: Open - Case Begin Date
Status Date: 06/29/1990

Global Id: T0607300555
Status: Completed - Case Closed

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ASTUTE MEDICAL INC (Continued)

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Status Date: 07/16/1992

CERS HAZ WASTE:

Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 119093
CERS ID: 10055530
CERS Description: Hazardous Waste Generator

Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 119093
CERS ID: 10055530
CERS Description: RCRA LQ HW Generator

CERS TANKS:

Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 119093
CERS ID: 10055530
CERS Description: Aboveground Petroleum Storage

CHMIRS:

Name: Not reported
Address: 3550 GENERAL ATOMICS COURT
City,State,Zip: SAN DIEGO, CA 92121
OES Incident Number: 1-1309
OES notification: 03/03/2011
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agency Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA DOT PUC/ICC Number: Not reported
Company Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ASTUTE MEDICAL INC (Continued)

S103964279

Reporting Officer Name/ID: Not reported
Report Date: Not reported
Facility Telephone: Not reported
Waterway Involved: No
Waterway: Not reported
Spill Site: Merchant/Business
Cleanup By: Advanced Chemical Transport Contractor
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Gal(s)
Other: Not reported
Date/Time: 1100
Year: 2011
Agency: General Atomics
Incident Date: 3/3/2011
Admin Agency: San Diego County Health Services Department
Amount: Not reported
Contained: Yes
Site Type: Not reported
E Date: Not reported
Substance: AFFF 3% Foam Concentrate Fire Suppressant Solution
Quantity Released: 15
Unknown: Not reported
Substance #2: Not reported
Substance #3: Not reported
Evacuations: Not reported
Number of Injuries: Not reported
Number of Fatalities: Not reported
#1 Pipeline: Not reported
#2 Pipeline: Not reported
#3 Pipeline: Not reported
#1 Vessel >= 300 Tons: Not reported
#2 Vessel >= 300 Tons: Not reported
#3 Vessel >= 300 Tons: Not reported
Evacs: Not reported
Injuries: Not reported
FATALS: Not reported
Comments: Not reported
Description: Caller states an electrical car fire in a parking lot was put out by the fire department which resulted in the substance releasing into a dry storm drain. Caller states an outside contractor responded to vacuum out the dry storm drain but there was no longer any standing free liquid to vacuum out.

HAZNET:

Name: ASTUTE MEDICAL INC
Address: 3550 GENERAL ATOMICS CT
Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121
Contact: ANTONIO HARPER
Telephone: 8585007014
Mailing Name: Not reported
Mailing Address: 3550 GENERAL ATOMICS CT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

ASTUTE MEDICAL INC (Continued)

S103964279

Year: 2018
Gepaid: CAL000373520
TSD EPA ID: NMD002208627
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.00660

Year: 2018
Gepaid: CAL000373520
TSD EPA ID: ARD069748192
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.59705

Year: 2017
Gepaid: CAL000373520
TSD EPA ID: ARD069748192
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.6485

Year: 2015
Gepaid: CAL000373520
TSD EPA ID: ARD069748192
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.0592

Year: 2015
Gepaid: CAL000373520
TSD EPA ID: ARD069748192
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.1775

Year: 2015
Gepaid: CAL000373520
TSD EPA ID: NMD002208627
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0099

Detail Two:

Year: 2018
EM Manifest ID: 118512
Shipment Date: 8/15/2018
Receipt Date: 9/9/2018
Manifest Number: 019215919JJK
Generator EPA ID: CAL000373520
Name: ASTUTE MEDICAL INC
Address: 3550 GENERAL ATOMICS COURT 2-6
Address 2: Not reported
City: SAN DIEGO
Zip: 92121

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ASTUTE MEDICAL INC (Continued)

S103964279

Telephone: 800-483-3718
Contact: Kevin Nakamura
Contact Telephone: 858-882-0452
Transporter 1 EPA ID: CAR000070540
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: ARD069748192
TSDf Name: Clean Harbors El Dorado LLC
TSDf Address 1: 309 American Circle
TSDf Address 2: Not reported
TSDf City: El Dorado
TSDf Zip: 71730
TSDf Telephone: 800-483-3718

Federal:

Year: 2018
EM Manifest ID: 118512
Generator EPA ID: CAL000373520
Shipment Date: 2018-08-15
Manifest Number: 019215919JJK
Line Number: 1
Method Code: H040
Quantity Tons: 0.43000
Quantity Waste: 860.000000
Quantity Unit: P
Number of Containers: 9
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D001

State:

Year: 2018
EM Manifest ID: 118512
Generator EPA ID: CAL000373520
Shipment Date: 2018-08-15
Manifest Number: 019215919JJK
Line Number: 1
Method Code: H040
Quantity Tons: 0.43000
Quantity Waste: 860.000000
Quantity Unit: P
Number of Containers: 9
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

Year: 2018
EM Manifest ID: 017010067JJK20170410_D_1
Shipment Date: 4/10/2017
Receipt Date: 5/10/2017
Manifest Number: 017010067JJK
Generator EPA ID: CAL000373520
Name: ASTUTE MEDICAL INC
Address: Not reported
Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ASTUTE MEDICAL INC (Continued)

S103964279

City: Not reported
Zip: Not reported
Telephone: Not reported
Contact: Not reported
Contact Telephone: Not reported
Transporter 1 EPA ID: CAR000070540
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: ARD069748192
TSDF Name: CLEAN HARBORS EL DORADO LLC
TSDF Address 1: Not reported
TSDF Address 2: Not reported
TSDF City: Not reported
TSDF Zip: Not reported
TSDF Telephone: Not reported

Federal:

Year: 2018
EM Manifest ID: 017010067JJK20170410_D_1
Generator EPA ID: CAL000373520
Shipment Date: 2017-04-10
Manifest Number: 017010067JJK
Line Number: 1
Method Code: H040
Quantity Tons: 0.64850
Quantity Waste: 1297.000000
Quantity Unit: P
Number of Containers: 5
Type of Container: NULL
Quantity Type: NULL
Federal Code: D001

State:

Year: 2018
EM Manifest ID: 017010067JJK20170410_D_1
Generator EPA ID: CAL000373520
Shipment Date: 2017-04-10
Manifest Number: 017010067JJK
Line Number: 1
Method Code: H040
Quantity Tons: 0.64850
Quantity Waste: 1297.000000
Quantity Unit: P
Number of Containers: 5
Type of Container: NULL
Quantity Type: NULL
State Code: 551

Year: 2018
EM Manifest ID: 018479779JJK20180227_D_1
Shipment Date: 2/27/2018
Receipt Date: 3/16/2018
Manifest Number: 018479779JJK
Generator EPA ID: CAL000373520
Name: ASTUTE MEDICAL INC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ASTUTE MEDICAL INC (Continued)

S103964279

Address: Not reported
Address 2: Not reported
City: Not reported
Zip: Not reported
Telephone: Not reported
Contact: Not reported
Contact Telephone: Not reported
Transporter 1 EPA ID: CAR000070540
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: ARD069748192
TSDf Name: CLEAN HARBORS EL DORADO LLC
TSDf Address 1: Not reported
TSDf Address 2: Not reported
TSDf City: Not reported
TSDf Zip: Not reported
TSDf Telephone: Not reported

Federal:

Year: 2018
EM Manifest ID: 018479779JJK20180227_D_1
Generator EPA ID: CAL000373520
Shipment Date: 2018-02-27
Manifest Number: 018479779JJK
Line Number: 1
Method Code: H040
Quantity Tons: 0.04000
Quantity Waste: 80.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
Federal Code: D001

State:

Year: 2018
EM Manifest ID: 018479779JJK20180227_D_1
Generator EPA ID: CAL000373520
Shipment Date: 2018-02-27
Manifest Number: 018479779JJK
Line Number: 1
Method Code: H040
Quantity Tons: 0.04000
Quantity Waste: 80.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
State Code: 551

Year: 2018
EM Manifest ID: 018480216JJK20180122_D_1
Shipment Date: 1/22/2018
Receipt Date: 2/7/2018
Manifest Number: 018480216JJK

Map ID
Direction
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ASTUTE MEDICAL INC (Continued)

S103964279

Generator EPA ID: CAL000373520
Name: ASTUTE MEDICAL INC
Address: Not reported
Address 2: Not reported
City: Not reported
Zip: Not reported
Telephone: Not reported
Contact: Not reported
Contact Telephone: Not reported
Transporter 1 EPA ID: CAR000070540
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: MAD039322250
Transporter 2 Emergency Number: Not reported
TSDf EPA ID: ARD069748192
TSDf Name: CLEAN HARBORS EL DORADO LLC
TSDf Address 1: Not reported
TSDf Address 2: Not reported
TSDf City: Not reported
TSDf Zip: Not reported
TSDf Telephone: Not reported

Federal:

Year: 2018
EM Manifest ID: 018480216JJK20180122_D_1
Generator EPA ID: CAL000373520
Shipment Date: 2018-01-22
Manifest Number: 018480216JJK
Line Number: 1
Method Code: H040
Quantity Tons: 0.06255
Quantity Waste: 15.000000
Quantity Unit: G
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
Federal Code: D001

State:

Year: 2018
EM Manifest ID: 018480216JJK20180122_D_1
Generator EPA ID: CAL000373520
Shipment Date: 2018-01-22
Manifest Number: 018480216JJK
Line Number: 1
Method Code: H040
Quantity Tons: 0.06255
Quantity Waste: 15.000000
Quantity Unit: G
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
State Code: 551

Additional Info:

Year: 2017
Gen EPA ID: CAL000373520

Map ID
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MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

ASTUTE MEDICAL INC (Continued)

S103964279

Shipment Date: 20170410
Creation Date: 5/12/2018 18:31:33
Receipt Date: 20170510
Manifest ID: 017010067JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENVIRO SERV
TSDf EPA ID: ARD069748192
Trans Name: CLEAN HARBORS EL DORADO LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.6485
Waste Quantity: 1297
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2015
Gen EPA ID: CAL000373520

Shipment Date: 20150714
Creation Date: 2/8/2016 22:17:34
Receipt Date: 20150816
Manifest ID: 014351962JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SERV INC
TSDf EPA ID: ARD069748192
Trans Name: CLEAN HARBORS EL DORADO LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.0175
Waste Quantity: 35
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150714
Creation Date: 2/8/2016 22:17:41
Receipt Date: 20150803
Manifest ID: 014351963JJK
Trans EPA ID: CAR000070540

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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

ASTUTE MEDICAL INC (Continued)

S103964279

Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NMD002208627
Trans Name: ADVANCED CHEMICAL TREATMENT
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0099
Waste Quantity: 3
Quantity Unit: G
Additional Code 1: D035
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150601
Creation Date: 1/20/2016 22:15:07
Receipt Date: 20150701
Manifest ID: 014347486JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SERV INC
TSDf EPA ID: ARD069748192
Trans Name: CLEAN HARBORS EL DORADO LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.0775
Waste Quantity: 155
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150529
Creation Date: 1/20/2016 22:15:07
Receipt Date: 20150701
Manifest ID: 014350874JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SERV INC
TSDf EPA ID: ARD069748192
Trans Name: CLEAN HARBORS EL DORADO LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics

Map ID
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MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

ASTUTE MEDICAL INC (Continued)

S103964279

RCRA Code: Not reported
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150109
Creation Date: 10/5/2015 22:15:16
Receipt Date: 20150206
Manifest ID: 013820688JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSD EPA ID: ARD069748192
Trans Name: CLEAN HARBORS EL DORADO LLC
TSD EPA Alt ID: Not reported
TSD EPA Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.0417
Waste Quantity: 10
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:
Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 119093
CERS ID: 10055530
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 119093
Site Name: GENERAL ATOMICS
Violation Date: 02-14-2017
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 03/10/2017.

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ASTUTE MEDICAL INC (Continued)

S103964279

Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 119093
Site Name: GENERAL ATOMICS
Violation Date: 09-29-2008
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code,
Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation -
General
Violation Notes: Returned to compliance on 12/30/2008.
Violation Division: San Diego County Department of Env Health
Violation Program: HWLQG
Violation Source: CERS,

Site ID: 119093
Site Name: GENERAL ATOMICS
Violation Date: 02-14-2017
Citation: HSC 6.5 25201(a) - California Health and Safety Code, Chapter 6.5,
Section(s) 25201(a)
Violation Description: Failure to obtain a permit or grant of interim status to accumulate
hazardous waste longer than 90 days.
Violation Notes: Returned to compliance on 02/14/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-05-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4101400
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2000
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Return To Compliance: 2000-04-26 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-14-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5581361
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

ASTUTE MEDICAL INC (Continued)

S103964279

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-15-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Zmily Zanalee Inspection ID:6866497
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-15-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Zmily Zanalee Inspection ID:6866497
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-13-2002
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Return To Compliance: 2002-05-20 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-28-2000
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Return To Compliance: 2001-02-14 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-22-2002
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Return To Compliance: 2002-12-19 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-18-2003
Violations Found: No
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Map ID
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MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

ASTUTE MEDICAL INC (Continued)

S103964279

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-05-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4101400
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-12-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:6111697
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-14-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5581361
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-15-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Zmily Zanalee Inspection ID:6866497
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-29-2008
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: San Diego CUPA
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Information Request
Eval Date: 10-29-2002
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-05-2015
Violations Found: No

Map ID
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MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

ASTUTE MEDICAL INC (Continued)

S103964279

Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4101400
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Information Request
Eval Date: 01-15-2004
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-12-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:6111697
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-12-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:6111697
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-12-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:6111697
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-14-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5581361
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-14-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5581361
Eval Division: San Diego County Department of Env Health

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ASTUTE MEDICAL INC (Continued)

S103964279

Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-05-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4101400
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-15-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Zmily Zanalee Inspection ID:6866497
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Information Request
Eval Date: 03-25-2002
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-30-1999
Violations Found: No
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-12-1996
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - * Non Major Return To Compliance:
1997-06-18 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Enforcement Action:
Site ID: 119093
Site Name: GENERAL ATOMICS
Site Address: 3550 GENERAL ATOMICS CT
Site City: SAN DIEGO
Site Zip: 92121
Enf Action Date: 05-10-2001
Enf Action Type: Federal Consent Order with Enforcement and Settlement

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

ASTUTE MEDICAL INC (Continued)

S103964279

Enf Action Description: Federal Consent Order with Enforcement and Settlement
Enf Action Notes: Not reported
Enf Action Division: Department of Toxic Substances Control
Enf Action Program: DTSC_ENF
Enf Action Source: ENVSTORHAZ,

Site ID: 119093
Site Name: GENERAL ATOMICS
Site Address: 3550 GENERAL ATOMICS CT
Site City: SAN DIEGO
Site Zip: 92121
Enf Action Date: 09-29-2008
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Diego County Department of Env Health
Enf Action Program: HWLQG
Enf Action Source: CERS,

Coordinates:
Site ID: 119093
Facility Name: GENERAL ATOMICS
Env Int Type Code: APSA
Program ID: 10055530
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 32.893800
Longitude: -117.236100

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Facility Contact
Entity Name: Margaret Gregory
Entity Title: Not reported
Affiliation Address: 3550 GENERAL ATOMICS CRT.G09-124C
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 921212127
Affiliation Phone: 8589095227,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: P.O. Box 85608
Affiliation City: San Diego
Affiliation State: CA

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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

ASTUTE MEDICAL INC (Continued)

S103964279

Affiliation Country: Not reported
Affiliation Zip: 92186-9784
Affiliation Phone: ,

Affiliation Type Desc: Facility Owner
Entity Name: GENERAL ATOMICS
Entity Title: Not reported
Affiliation Address: 3550 GENERAL ATOMICS CT
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 921211122
Affiliation Phone: 8584552809,

Affiliation Type Desc: Lead Project Manager
Entity Name: John Bystra
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: GENERAL ATOMICS
Entity Title: Not reported
Affiliation Address: P.O. Box 85608
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92186-9784
Affiliation Phone: (858) 455-2823,

Affiliation Type Desc: Operator
Entity Name: GENERAL ATOMICS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 455-2809,

Affiliation Type Desc: Supervisor
Entity Name: Noel Shrum
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Margaret Gregory
Entity Title: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ASTUTE MEDICAL INC (Continued)

S103964279

Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: General Atomics and Affiliated Companies
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Margaret Gregory
Entity Title: Not reported
Affiliation Address: 3550 General Atomics Crt.
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Michael Grogan
Entity Title: Director, LSNC
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 119093
CERS ID: CAD067638957
CERS Description: Hazardous Waste

Violations:
Site ID: 119093
Site Name: GENERAL ATOMICS
Violation Date: 02-14-2017
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.

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Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ASTUTE MEDICAL INC (Continued)

S103964279

Violation Notes: Returned to compliance on 03/10/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 119093
Site Name: GENERAL ATOMICS
Violation Date: 09-29-2008
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 12/30/2008.
Violation Division: San Diego County Department of Env Health
Violation Program: HWLQG
Violation Source: CERS,

Site ID: 119093
Site Name: GENERAL ATOMICS
Violation Date: 02-14-2017
Citation: HSC 6.5 25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25201(a)
Violation Description: Failure to obtain a permit or grant of interim status to accumulate hazardous waste longer than 90 days.
Violation Notes: Returned to compliance on 02/14/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-05-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4101400
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2000
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Return To Compliance: 2000-04-26 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-14-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5581361
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

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MAP FINDINGS

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Database(s)
EDR ID Number
EPA ID Number

ASTUTE MEDICAL INC (Continued)

S103964279

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-15-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Zmily Zanalee Inspection ID:6866497
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-15-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Zmily Zanalee Inspection ID:6866497
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-13-2002
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Return To Compliance: 2002-05-20 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-28-2000
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Return To Compliance: 2001-02-14 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-22-2002
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Return To Compliance: 2002-12-19 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-18-2003
Violations Found: No
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

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EDR ID Number
EPA ID Number
Database(s)

ASTUTE MEDICAL INC (Continued)

S103964279

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-05-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4101400
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-12-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:6111697
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-14-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5581361
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-15-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Zmily Zanalee Inspection ID:6866497
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-29-2008
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: San Diego CUPA
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Information Request
Eval Date: 10-29-2002
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-05-2015
Violations Found: No

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MAP FINDINGS

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Database(s) EDR ID Number
EPA ID Number

ASTUTE MEDICAL INC (Continued)

S103964279

Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4101400
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Information Request
Eval Date: 01-15-2004
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-12-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:6111697
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-12-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:6111697
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-12-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:6111697
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-14-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5581361
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-14-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5581361
Eval Division: San Diego County Department of Env Health

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Site

EDR ID Number
EPA ID Number
Database(s)

ASTUTE MEDICAL INC (Continued)

S103964279

Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-05-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4101400
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-15-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Zmily Zanalee Inspection ID:6866497
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Information Request
Eval Date: 03-25-2002
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-30-1999
Violations Found: No
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-12-1996
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - * Non Major Return To Compliance:
1997-06-18 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Enforcement Action:
Site ID: 119093
Site Name: GENERAL ATOMICS
Site Address: 3550 GENERAL ATOMICS CT
Site City: SAN DIEGO
Site Zip: 92121
Enf Action Date: 05-10-2001
Enf Action Type: Federal Consent Order with Enforcement and Settlement

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ASTUTE MEDICAL INC (Continued)

S103964279

Enf Action Description: Federal Consent Order with Enforcement and Settlement
Enf Action Notes: Not reported
Enf Action Division: Department of Toxic Substances Control
Enf Action Program: DTSC_ENF
Enf Action Source: ENVSTORHAZ,

Site ID: 119093
Site Name: GENERAL ATOMICS
Site Address: 3550 GENERAL ATOMICS CT
Site City: SAN DIEGO
Site Zip: 92121
Enf Action Date: 09-29-2008
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Diego County Department of Env Health
Enf Action Program: HWLQG
Enf Action Source: CERS,

Coordinates:
Site ID: 119093
Facility Name: GENERAL ATOMICS
Env Int Type Code: APSA
Program ID: 10055530
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 32.893800
Longitude: -117.236100

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Facility Contact
Entity Name: Margaret Gregory
Entity Title: Not reported
Affiliation Address: 3550 GENERAL ATOMICS CRT.G09-124C
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 921212127
Affiliation Phone: 8589095227,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: P.O. Box 85608
Affiliation City: San Diego
Affiliation State: CA

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Database(s) EDR ID Number
EPA ID Number

ASTUTE MEDICAL INC (Continued)

S103964279

Affiliation Country: Not reported
Affiliation Zip: 92186-9784
Affiliation Phone: ,

Affiliation Type Desc: Facility Owner
Entity Name: GENERAL ATOMICS
Entity Title: Not reported
Affiliation Address: 3550 GENERAL ATOMICS CT
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 921211122
Affiliation Phone: 8584552809,

Affiliation Type Desc: Lead Project Manager
Entity Name: John Bystra
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: GENERAL ATOMICS
Entity Title: Not reported
Affiliation Address: P.O. Box 85608
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92186-9784
Affiliation Phone: (858) 455-2823,

Affiliation Type Desc: Operator
Entity Name: GENERAL ATOMICS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 455-2809,

Affiliation Type Desc: Supervisor
Entity Name: Noel Shrum
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Margaret Gregory
Entity Title: Not reported

Map ID
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MAP FINDINGS

Site

Database(s) EDR ID Number
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ASTUTE MEDICAL INC (Continued)

S103964279

Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: General Atomics and Affiliated Companies
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Margaret Gregory
Entity Title: Not reported
Affiliation Address: 3550 General Atomics Crt.
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Michael Grogan
Entity Title: Director, LSNC
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 119093
CERS ID: T0607300555
CERS Description: Leaking Underground Storage Tank Cleanup Site

Violations:
Site ID: 119093
Site Name: GENERAL ATOMICS
Violation Date: 02-14-2017
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.

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ASTUTE MEDICAL INC (Continued)

S103964279

Violation Notes: Returned to compliance on 03/10/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 119093
Site Name: GENERAL ATOMICS
Violation Date: 09-29-2008
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 12/30/2008.
Violation Division: San Diego County Department of Env Health
Violation Program: HWLQG
Violation Source: CERS,

Site ID: 119093
Site Name: GENERAL ATOMICS
Violation Date: 02-14-2017
Citation: HSC 6.5 25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25201(a)
Violation Description: Failure to obtain a permit or grant of interim status to accumulate hazardous waste longer than 90 days.
Violation Notes: Returned to compliance on 02/14/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-05-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4101400
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2000
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Return To Compliance: 2000-04-26 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-14-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5581361
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

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MAP FINDINGS

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Database(s)
EDR ID Number
EPA ID Number

ASTUTE MEDICAL INC (Continued)

S103964279

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-15-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Zmily Zanalee Inspection ID:6866497
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-15-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Zmily Zanalee Inspection ID:6866497
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-13-2002
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Return To Compliance: 2002-05-20 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-28-2000
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Return To Compliance: 2001-02-14 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-22-2002
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Return To Compliance: 2002-12-19 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-18-2003
Violations Found: No
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

ASTUTE MEDICAL INC (Continued)

S103964279

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-05-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4101400
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-12-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:6111697
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-14-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5581361
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-15-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Zmily Zanalee Inspection ID:6866497
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-29-2008
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: San Diego CUPA
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Information Request
Eval Date: 10-29-2002
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-05-2015
Violations Found: No

Map ID
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

ASTUTE MEDICAL INC (Continued)

S103964279

Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4101400
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Information Request
Eval Date: 01-15-2004
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-12-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:6111697
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-12-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:6111697
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-12-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:6111697
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-14-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5581361
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-14-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5581361
Eval Division: San Diego County Department of Env Health

Map ID
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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ASTUTE MEDICAL INC (Continued)

S103964279

Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-05-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4101400
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-15-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Zmily Zanalee Inspection ID:6866497
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Information Request
Eval Date: 03-25-2002
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-30-1999
Violations Found: No
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-12-1996
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - * Non Major Return To Compliance:
1997-06-18 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Enforcement Action:
Site ID: 119093
Site Name: GENERAL ATOMICS
Site Address: 3550 GENERAL ATOMICS CT
Site City: SAN DIEGO
Site Zip: 92121
Enf Action Date: 05-10-2001
Enf Action Type: Federal Consent Order with Enforcement and Settlement

Map ID
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MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

ASTUTE MEDICAL INC (Continued)

S103964279

Enf Action Description: Federal Consent Order with Enforcement and Settlement
Enf Action Notes: Not reported
Enf Action Division: Department of Toxic Substances Control
Enf Action Program: DTSC_ENF
Enf Action Source: ENVSTORHAZ,

Site ID: 119093
Site Name: GENERAL ATOMICS
Site Address: 3550 GENERAL ATOMICS CT
Site City: SAN DIEGO
Site Zip: 92121
Enf Action Date: 09-29-2008
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Diego County Department of Env Health
Enf Action Program: HWLQG
Enf Action Source: CERS,

Coordinates:
Site ID: 119093
Facility Name: GENERAL ATOMICS
Env Int Type Code: APSA
Program ID: 10055530
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 32.893800
Longitude: -117.236100

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Facility Contact
Entity Name: Margaret Gregory
Entity Title: Not reported
Affiliation Address: 3550 GENERAL ATOMICS CRT.G09-124C
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 921212127
Affiliation Phone: 8589095227,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: P.O. Box 85608
Affiliation City: San Diego
Affiliation State: CA

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MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

ASTUTE MEDICAL INC (Continued)

S103964279

Affiliation Country: Not reported
Affiliation Zip: 92186-9784
Affiliation Phone: ,

Affiliation Type Desc: Facility Owner
Entity Name: GENERAL ATOMICS
Entity Title: Not reported
Affiliation Address: 3550 GENERAL ATOMICS CT
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 921211122
Affiliation Phone: 8584552809,

Affiliation Type Desc: Lead Project Manager
Entity Name: John Bystra
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: GENERAL ATOMICS
Entity Title: Not reported
Affiliation Address: P.O. Box 85608
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92186-9784
Affiliation Phone: (858) 455-2823,

Affiliation Type Desc: Operator
Entity Name: GENERAL ATOMICS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 455-2809,

Affiliation Type Desc: Supervisor
Entity Name: Noel Shrum
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Margaret Gregory
Entity Title: Not reported

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MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

ASTUTE MEDICAL INC (Continued)

S103964279

Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: General Atomics and Affiliated Companies
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Margaret Gregory
Entity Title: Not reported
Affiliation Address: 3550 General Atomics Crt.
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92121
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Michael Grogan
Entity Title: Director, LSNC
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: GENERAL ATOMICS
Address: 3550 GENERAL ATOMICS CT
City,State,Zip: SAN DIEGO, CA 92121
Site ID: 119093
CERS ID: 80001461
CERS Description: Corrective Action

Violations:
Site ID: 119093
Site Name: GENERAL ATOMICS
Violation Date: 02-14-2017
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.

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ASTUTE MEDICAL INC (Continued)

S103964279

Violation Notes: Returned to compliance on 03/10/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 119093
Site Name: GENERAL ATOMICS
Violation Date: 09-29-2008
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 12/30/2008.
Violation Division: San Diego County Department of Env Health
Violation Program: HWLQG
Violation Source: CERS,

Site ID: 119093
Site Name: GENERAL ATOMICS
Violation Date: 02-14-2017
Citation: HSC 6.5 25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25201(a)
Violation Description: Failure to obtain a permit or grant of interim status to accumulate hazardous waste longer than 90 days.
Violation Notes: Returned to compliance on 02/14/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-05-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4101400
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2000
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Return To Compliance: 2000-04-26 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-14-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5581361
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

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Database(s) EDR ID Number
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ASTUTE MEDICAL INC (Continued)

S103964279

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-15-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Zmily Zanalee Inspection ID:6866497
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-15-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Zmily Zanalee Inspection ID:6866497
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-13-2002
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Return To Compliance: 2002-05-20 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-28-2000
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Return To Compliance: 2001-02-14 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-22-2002
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Return To Compliance: 2002-12-19 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-18-2003
Violations Found: No
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

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EDR ID Number
EPA ID Number
Database(s)

ASTUTE MEDICAL INC (Continued)

S103964279

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-05-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4101400
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-12-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:6111697
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-14-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5581361
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-15-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Zmily Zanalee Inspection ID:6866497
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-29-2008
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: San Diego CUPA
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Information Request
Eval Date: 10-29-2002
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-05-2015
Violations Found: No

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MAP FINDINGS

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Database(s) EDR ID Number
EPA ID Number

ASTUTE MEDICAL INC (Continued)

S103964279

Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4101400
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Information Request
Eval Date: 01-15-2004
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-12-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:6111697
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-12-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:6111697
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-12-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Irkhin Anastasiya Inspection ID:6111697
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-14-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5581361
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-14-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:5581361
Eval Division: San Diego County Department of Env Health

Map ID
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MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

ASTUTE MEDICAL INC (Continued)

S103964279

Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-05-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Norton Louise Inspection ID:4101400
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-15-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Zmily Zanalee Inspection ID:6866497
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Information Request
Eval Date: 03-25-2002
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-30-1999
Violations Found: No
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-12-1996
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - * Non Major Return To Compliance:
1997-06-18 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ,

Enforcement Action:
Site ID: 119093
Site Name: GENERAL ATOMICS
Site Address: 3550 GENERAL ATOMICS CT
Site City: SAN DIEGO
Site Zip: 92121
Enf Action Date: 05-10-2001
Enf Action Type: Federal Consent Order with Enforcement and Settlement

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EDR ID Number
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ASTUTE MEDICAL INC (Continued)

S103964279

Enf Action Description: Federal Consent Order with Enforcement and Settlement
Enf Action Notes: Not reported
Enf Action Division: Department of Toxic Substances Control
Enf Action Program: DTSC_ENF
Enf Action Source: ENVSTORHAZ,

Site ID: 119093
Site Name: GENERAL ATOMICS
Site Address: 3550 GENERAL ATOMICS CT
Site City: SAN DIEGO
Site Zip: 92121
Enf Action Date: 09-29-2008
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Diego County Department of Env Health
Enf Action Program: HWLQG
Enf Action Source: CERS,

Coordinates:
Site ID: 119093
Facility Name: GENERAL ATOMICS
Env Int Type Code: APSA
Program ID: 10055530
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 32.893800
Longitude: -117.236100

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Facility Contact
Entity Name: Margaret Gregory
Entity Title: Not reported
Affiliation Address: 3550 GENERAL ATOMICS CRT.G09-124C
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 921212127
Affiliation Phone: 8589095227,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: P.O. Box 85608
Affiliation City: San Diego
Affiliation State: CA

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Database(s)
EDR ID Number
EPA ID Number

ASTUTE MEDICAL INC (Continued)

S103964279

Affiliation Country: Not reported
Affiliation Zip: 92186-9784
Affiliation Phone: ,

Affiliation Type Desc: Facility Owner
Entity Name: GENERAL ATOMICS
Entity Title: Not reported
Affiliation Address: 3550 GENERAL ATOMICS CT
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 921211122
Affiliation Phone: 8584552809,

Affiliation Type Desc: Lead Project Manager
Entity Name: John Bystra
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: GENERAL ATOMICS
Entity Title: Not reported
Affiliation Address: P.O. Box 85608
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92186-9784
Affiliation Phone: (858) 455-2823,

Affiliation Type Desc: Operator
Entity Name: GENERAL ATOMICS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 455-2809,

Affiliation Type Desc: Supervisor
Entity Name: Noel Shrum
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Margaret Gregory
Entity Title: Not reported

Map ID
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 EPA ID Number

ASTUTE MEDICAL INC (Continued)

S103964279

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	General Atomics and Affiliated Companies
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Margaret Gregory
Entity Title:	Not reported
Affiliation Address:	3550 General Atomics Crt.
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92121
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Michael Grogan
Entity Title:	Director, LSNC
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

289
ESE
1/2-1
0.836 mi.
4416 ft.

R C YOUNG ROOFING CO INC
10749 ROSELLE ST
SAN DIEGO, CA 92121

CA San Diego Co. HMMD **S100178085**
CA SWEEPS UST **N/A**
CA Notify 65

Relative:
Lower
Actual:
41 ft.

HMMD SAN DIEGO:	
Name:	R C YOUNG ROOFING CO INC
Address:	10749 ROSELLE ST
City,State,Zip:	SAN DIEGO, CA 92121
Permit Number:	103139
Business Type:	6HK70
EPA Id Number:	Not reported
APN:	340-150-26-00
Last HMMD Inspection:	08/21/1995
Facility Telephone:	858-453-7793
Permit Status:	INAC
Permit Expiration:	06/30/1996
Date Last Updated:	11/02/2012
Facility Owner:	RALPH RADER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

R C YOUNG ROOFING CO INC (Continued)

S100178085

Facility Mailing Address: P. O. BOX 910024
Facility Mailing City: SAN DIEGO
Facility Mailing State: CA
Facility Mailing Zip: 92190-0024
UST Owner: R C YOUNG
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

UST:

UST Name: UNDERGROUND TANK 103139 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 103139
Tank Type: SINGLE WALL
Additional Id: 1
Capacity Gallons: 550
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: REMOVED
Remove Close Date: 1992-09-15 00:00:00
Year Installed: Not reported
Pipe Type: SINGLE WALL
Delivery System: SUCTION
Monitor Code: 05
UST Monitor Method: SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY
MONTHLY, TANK TEST BIENNIALY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 103139 T002
Last Update: 2012-11-02 14:17:38
Permit Number: 103139
Tank Type: SINGLE WALL
Additional Id: 2
Capacity Gallons: 1000
UST Contents: LEADED
Other Content Info: LEADED
Reg Status: REMOVED
Remove Close Date: 1992-09-15 00:00:00
Year Installed: Not reported
Pipe Type: SINGLE WALL
Delivery System: SUCTION
Monitor Code: 05
UST Monitor Method: SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY
MONTHLY, TANK TEST BIENNIALY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

SWEEPS UST:

Name: R C YOUNG ROOFING CO INC
Address: 10749 ROSELLE ST
City: SAN DIEGO
Status: Active
Comp Number: 3139
Number: 9
Board Of Equalization: 44-021805
Referral Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

R C YOUNG ROOFING CO INC (Continued)

S100178085

Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-003139-000001
Tank Status: A
Capacity: 550
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 2

Name: R C YOUNG ROOFING CO INC
Address: 10749 ROSELLE ST
City: SAN DIEGO
Status: Active
Comp Number: 3139
Number: 9
Board Of Equalization: 44-021805
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-003139-000002
Tank Status: A
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

NOTIFY 65:

Name: PUMP STATION 64
Address: 10749 ROSELLE ST
City,State,Zip: SAN DIEGO, CA 92121-1507
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported
Global ID: Not reported
Status: Not reported

**290
NE
1/2-1
0.868 mi.
4584 ft.**

**TORREY HILLS ELEMENTARY
10971 WEST OCEAN AIR DRIVE
SAN DIEGO, CA 92130**

**CA ENVIROSTOR S118756852
CA SCH N/A
CA CERS**

**Relative:
Higher
Actual:
252 ft.**

ENVIROSTOR:
Name: TORREY HILLS ELEMENTARY
Address: 10971 WEST OCEAN AIR DRIVE
City,State,Zip: SAN DIEGO, CA 92130
Facility ID: 37150002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TORREY HILLS ELEMENTARY (Continued)

S118756852

Status: No Action Required
Status Date: 06/22/2000
Site Code: 404102
Site Type: School Investigation
Site Type Detailed: School
Acres: 11.43
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Mark Malinowski
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 77
Senate: 39
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 32.91471
Longitude: -117.2251
APN: NONE SPECIFIED
Past Use: * GENERAL BUILDING CONTRACTORS
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: DEL MAR UNION ELEM SD
Alias Type: Alternate Name
Alias Name: DEL MAR UNION ELEM SD-TORREY HILLS/CDE
Alias Type: Alternate Name
Alias Name: TORREY HILLS ELEMENTARY
Alias Type: Alternate Name
Alias Name: 404102
Alias Type: Project Code (Site Code)
Alias Name: 37150002
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 06/27/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/20/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 06/22/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TORREY HILLS ELEMENTARY (Continued)

S118756852

Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Name: TORREY HILLS ELEMENTARY
Address: 10971 WEST OCEAN AIR DRIVE
City,State,Zip: SAN DIEGO, CA 92130
Facility ID: 37150002
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 11.43
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Mark Malinowski
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 404102
Assembly: 77
Senate: 39
Special Program Status: Not reported
Status: No Action Required
Status Date: 06/22/2000
Restricted Use: NO
Funding: School District
Latitude: 32.91471
Longitude: -117.2251
APN: NONE SPECIFIED
Past Use: * GENERAL BUILDING CONTRACTORS
Potential COC: NONE SPECIFIED, No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: DEL MAR UNION ELEM SD
Alias Type: Alternate Name
Alias Name: DEL MAR UNION ELEM SD-TORREY HILLS/CDE
Alias Type: Alternate Name
Alias Name: TORREY HILLS ELEMENTARY
Alias Type: Alternate Name
Alias Name: 404102
Alias Type: Project Code (Site Code)
Alias Name: 37150002
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 06/27/2000
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

TORREY HILLS ELEMENTARY (Continued)

S118756852

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/20/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 06/22/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CERS:

Name: TORREY HILLS ELEMENT
Address: 10971 WEST OCEAN AIR DRIVE
City,State,Zip: SAN DIEGO, CA 92130
Site ID: 610524
CERS ID: 37150002
CERS Description: School Investigation

Affiliation:

Affiliation Type Desc: Supervisor
Entity Name: Mark Malinowski
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

V291 **MULTI-USE RANGE**
South
1/2-1 **SAN DIEGO/LA JOLLA, CA**
0.905 mi.
4779 ft. **Site 1 of 6 in cluster V**

UXO 1024714958
N/A

Relative: UXO:
Higher DoD Component: FUDS
Actual: Installation Name: CAMP CALLAN
392 ft. Name: MULTI-USE RANGE
Address: Not reported
Address 2: Not reported
City,State,Zip: SAN DIEGO/LA JOLLA, CA
Site ID: 03OEW
Site Type: Multi Use Range
Latitude: 32.891667

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

MULTI-USE RANGE (Continued)

1024714958

Longitude: -117.239722

V292
South
1/2-1
0.905 mi.
4779 ft.

CAMP CALLAN
SAN DIEGO/LA JOLLA, CA
Site 2 of 6 in cluster V

FUDS 1024903500
N/A

Relative:
Higher
Actual:
392 ft.

FUDS:
 EPA Region: 09
 Installation ID: CA99799F539400
 Congressional District Number: 49
 Name: CAMP CALLAN
 FUDS Number: J09CA0272
 City: SAN DIEGO/LA JOLLA
 State: CA
 County: SAN DIEGO
 Object ID: 606
 USACE Division: spd
 USACE District: spl
 Status: Properties with projects
 Current Owner: STATE: University of California, San Diego, ocean water off the coast of California
 PRIV: PRIVATE RESIDENTIAL & COMMERCIAL , PRIVATE RESIDENTIAL & COMMERCIAL , PRIVATE RESIDENTIAL & COMMERCIAL
 EMS Map Link: <https://fudsportal.usace.army.mil/ems/inventory/map?id=61021>
 Eligibility: Eligible
 Has Projects: Yes
 NPL Status: Not on the NPL
 Property History: THE 1282.95 ACRES SITE WAS USED BY THE ARMY FROM 1940 TO 1946 AS AN ANTI-AIRCRAFT REPLACEMENT TRAINING CENTER.
 Project Required: Yes
 Feature Description: Not reported
 Latitude: 32.89166667
 Longitude: -117.23972222

FUDS Detail as of Jan 2015:
 Fiscal Year: 2013
 Federal Facility ID: CA9799F5394
 RAB: Not reported
 NPL Status: Not Listed
 Description: LOCATED IN THE TORREY PINES / LA JOLLA AREA OF THE CITY OF SAN DIEGO, CA The Technical Advisory Group at HNC subsequently performed an expanded site investigation to evaluate whether a NOFA recommendation was appropriate. It was determined that there was no readily identifiable project concerning CWM and that documentation was lacking to confirm the presence of conventional OE. Therefore, the final RAC score for this site is a 5 (NOFA).
 History: THE 1282.95 ACRES SITE WAS USED BY THE ARMY FROM 1940 TO 1946 AS AN ANTI-AIRCRAFT REPLACEMENT TRAINING CENTER.
 CTC: 19395.700000000001
 Current Program: Not reported
 Future Program: Not reported
 Institutional ID: 61021

MRA:
 Inst ID: 61021
 FUDS Number: J09CA0272

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

CAMP CALLAN (Continued)

1024903500

Facility Name: CAMP CALLAN
PHASE:
4
ARC:
Y
DIST:
SPL
MMRP:
Y
MRA ID:
J09CA027203R01

Inst ID: 61021
FUDS Number: J09CA0272
Facility Name: CAMP CALLAN
PHASE:
4
ARC:
Y
DIST:
SPL
MMRP:
Y
MRA ID:
J09CA027203R02

Inst ID: 61021
FUDS Number: J09CA0272
Facility Name: CAMP CALLAN
PHASE:
4
ARC:
Y
DIST:
SPL
MMRP:
Y
MRA ID:
J09CA027206R01

Inst ID: 61021
FUDS Number: J09CA0272
Facility Name: CAMP CALLAN
PHASE:
4
ARC:
Y
DIST:
SPL
MMRP:
Y
MRA ID:
J09CA027203R03

Inst ID: 61021
FUDS Number: J09CA0272
Facility Name: CAMP CALLAN
PHASE:
4
ARC:
Y
DIST:
SPL
MMRP:
Y
MRA ID:
J09CA027203R01

Inst ID: 61021
FUDS Number: J09CA0272
Facility Name: CAMP CALLAN
PHASE:
4
ARC:
Y
DIST:
SPL
MMRP:
Y
MRA ID:
J09CA027203R02

Inst ID: 61021
FUDS Number: J09CA0272
Facility Name: CAMP CALLAN
PHASE:
4
ARC:
Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CAMP CALLAN (Continued)

1024903500

DIST:
SPL
MMRP:
Y
MRA ID:
J09CA027206R01

Inst ID: 61021
FUDS Number: J09CA0272
Facility Name: CAMP CALLAN
PHASE:
4
ARC:
Y
DIST:
SPL
MMRP:
Y
MRA ID:
J09CA027203R03

MRS:

Inst ID: 61021
FUDS Number: J09CA0272
Facility Name: CAMP CALLAN
PHASE:
4
Site ID: 05
DIST:
SPL
MMRP:
Y
MRA ID:
J09CA027203R01
PROJ NO:
J09CA027205

Inst ID: 61021
FUDS Number: J09CA0272
Facility Name: CAMP CALLAN
PHASE:
4
Site ID: 04
DIST:
SPL
MMRP:
Y
MRA ID:
J09CA027203R02
PROJ NO:
J09CA027204

Inst ID: 61021
FUDS Number: J09CA0272
Facility Name: CAMP CALLAN
PHASE:
4
Site ID: 06
DIST:
SPL
MMRP:
Y
MRA ID:
J09CA027206R01
PROJ NO:
J09CA027206

Inst ID: 61021
FUDS Number: J09CA0272
Facility Name: CAMP CALLAN
PHASE:
4
Site ID: 03
DIST:
SPL
MMRP:
Y
MRA ID:
J09CA027203R03
PROJ NO:
J09CA027203

Inst ID: 61021
FUDS Number: J09CA0272
Facility Name: CAMP CALLAN

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 _____ EPA ID Number

CAMP CALLAN (Continued)

1024903500

PHASE:
 Site ID:
 DIST:
 MMRP:
 MRA ID:
 PROJ NO:

4
 05
 SPL
 Y
 J09CA027203R01
 J09CA027205

Inst ID:
 FUDS Number:
 Facility Name:
 PHASE:
 Site ID:
 DIST:
 MMRP:
 MRA ID:
 PROJ NO:

61021
 J09CA0272
 CAMP CALLAN
 4
 04
 SPL
 Y
 J09CA027203R02
 J09CA027204

Inst ID:
 FUDS Number:
 Facility Name:
 PHASE:
 Site ID:
 DIST:
 MMRP:
 MRA ID:
 PROJ NO:

61021
 J09CA0272
 CAMP CALLAN
 4
 06
 SPL
 Y
 J09CA027206R01
 J09CA027206

Inst ID:
 FUDS Number:
 Facility Name:
 PHASE:
 Site ID:
 DIST:
 MMRP:
 MRA ID:
 PROJ NO:

61021
 J09CA0272
 CAMP CALLAN
 4
 03
 SPL
 Y
 J09CA027203R03
 J09CA027203

V293
 South
 1/2-1
 0.905 mi.
 4779 ft.

SMALL ARMS AND ARTILLERY RANGES - WATER

UXO 1024715178
N/A

SAN DIEGO/LA JOLLA, CA

Site 3 of 6 in cluster V

Relative:
Higher
Actual:
392 ft.

UXO:
 DoD Component: FUDS
 Installation Name: CAMP CALLAN
 Name: SMALL ARMS AND ARTILLERY RANGES - WATER
 Address: Not reported
 Address 2: Not reported
 City,State,Zip: SAN DIEGO/LA JOLLA, CA
 Site ID: 04OEW
 Site Type: Medium/Large Caliber
 Latitude: 32.891667
 Longitude: -117.239722

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

V294 **GRENADE SM ARMS ARTILLERY CHEM WARFARE** **UXO** **1024715250**
South **SAN DIEGO/LA JOLLA, CA** **N/A**
1/2-1
0.905 mi.
4779 ft. **Site 4 of 6 in cluster V**

Relative: **UXO:**
Higher DoD Component: FUDS
Actual: Installation Name: CAMP CALLAN
392 ft. Name: GRENADE SM ARMS ARTILLERY CHEM WARFARE
Address: Not reported
Address 2: Not reported
City,State,Zip: SAN DIEGO/LA JOLLA, CA
Site ID: 05OEW
Site Type: Multi Use Range
Latitude: 32.891667
Longitude: -117.239722

V295 **LIVE GRENADE COURT BERM** **UXO** **1024715343**
South **SAN DIEGO/LA JOLLA, CA** **N/A**
1/2-1
0.905 mi.
4779 ft. **Site 5 of 6 in cluster V**

Relative: **UXO:**
Higher DoD Component: FUDS
Actual: Installation Name: CAMP CALLAN
392 ft. Name: LIVE GRENADE COURT BERM
Address: Not reported
Address 2: Not reported
City,State,Zip: SAN DIEGO/LA JOLLA, CA
Site ID: 06OEW
Site Type: Grenade Range
Latitude: 32.891667
Longitude: -117.239722

V296 **CAMP CALLEN** **CA ENVIROSTOR** **S107736012**
South **LA JOLLA, CA** **N/A**
1/2-1
0.905 mi.
4780 ft. **Site 6 of 6 in cluster V**

Relative: **ENVIROSTOR:**
Higher Name: CAMP CALLEN
Actual: Address: Not reported
392 ft. City,State,Zip: LA JOLLA, CA
Facility ID: 80000211
Status: Inactive - Needs Evaluation
Status Date: 07/01/2005
Site Code: Not reported
Site Type: Military Evaluation
Site Type Detailed: FUDS
Acres: 1200
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Patrick Hsieh

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

CAMP CALLEN (Continued)

S107736012

Division Branch: Cleanup Cypress
 Assembly: 78
 Senate: 39
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: DERA
 Latitude: 32.89166
 Longitude: -117.2397
 APN: NONE SPECIFIED
 Past Use: NONE SPECIFIED
 Potential COC: Explosives (UXO, MEC)
 Confirmed COC: NONE SPECIFIED
 Potential Description: NONE SPECIFIED
 Alias Name: CA99799F539400
 Alias Type: Federal Facility ID
 Alias Name: J09CA0272
 Alias Type: INPR
 Alias Name: 80000211
 Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Inventory Project Report (INPR)
 Completed Date: 11/14/1994
 Comments: Not reported

Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

297
SSW
1/2-1
0.916 mi.
4835 ft.

UCSD (CAMP MATTHEWS)-J09CA111001
12 MILES NORTH OF SAN DIEGO
LA JOLLA, CA 92103

CA RESPONSE **S106153524**
CA ENVIROSTOR **N/A**
CA HIST Cal-Sites

Relative:
Higher
Actual:
422 ft.

RESPONSE:
 Name: UCSD (CAMP MATTHEWS)-J09CA111001
 Address: 12 MILES NORTH OF SAN DIEGO
 City,State,Zip: LA JOLLA, CA 92103
 Facility ID: 37970031
 Site Type: State Response
 Site Type Detail: FUDS
 Acres: 4862.3
 National Priorities List: NO
 Cleanup Oversight Agencies: DTSC, RWQCB 9 - San Diego
 Lead Agency Description: * DTSC
 Project Manager: Sara Michael
 Supervisor: Eileen Mananian
 Division Branch: Cleanup Cypress

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

UCSD (CAMP MATTHEWS)-J09CA111001 (Continued)

S106153524

Site Code: 401221
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 78
Senate: 39
Special Program Status: DSMOA
Status: No Further Action
Status Date: 10/14/2020
Restricted Use: NO
Funding: DERA
Latitude: 32.89167
Longitude: -117.2408
APN: NONE SPECIFIED
Past Use: FIRING RANGE - ARTILLERY, FIRING RANGE - SMALL ARMS ETC...
Potential COC : Explosives (UXO, MEC Lead)
Confirmed COC: Explosives (UXO, MEC Lead)
Potential Description: SOIL
Alias Name: J09CA1110
Alias Type: Federal Facility ID
Alias Name: T1000004407
Alias Type: GeoTracker Global ID
Alias Name: 401221
Alias Type: Project Code (Site Code)
Alias Name: 37970031
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Proposed Plan
Completed Date: 06/25/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 12/10/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Assessment
Completed Date: 01/28/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 09/22/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment/Site Inspection Report (PA/SI)
Completed Date: 08/24/2007
Comments: Site Inspection Report approved. The SI Report recommended further site characterization in the RI/FS Phase.

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

UCSD (CAMP MATTHEWS)-J09CA111001 (Continued)

S106153524

Completed Sub Area Name: Not reported
Completed Document Type: Inventory Project Report (INPR)
Completed Date: 09/21/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Site Inspection (SI) Workplan
Completed Date: 10/25/2006
Comments: Draft Site Specific Work Plan submitted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/05/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/05/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/05/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/05/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/05/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Record of Decision - Interim
Completed Date: 10/05/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/05/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 04/17/2018

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

UCSD (CAMP MATTHEWS)-J09CA111001 (Continued)

S106153524

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/02/2003
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:

Name: UCSD (CAMP MATTHEWS)-J09CA111001
Address: 12 MILES NORTH OF SAN DIEGO
City,State,Zip: LA JOLLA, CA 92103
Facility ID: 37970031
Status: No Further Action
Status Date: 10/14/2020
Site Code: 401221
Site Type: State Response
Site Type Detailed: FUDS
Acres: 4862.3
NPL: NO
Regulatory Agencies: DTSC, RWQCB 9 - San Diego
Lead Agency: DTSC
Program Manager: Sara Michael
Supervisor: Eileen Mananian
Division Branch: Cleanup Cypress
Assembly: 78
Senate: 39
Special Program: DSMOA
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: DERA
Latitude: 32.89167
Longitude: -117.2408
APN: NONE SPECIFIED
Past Use: FIRING RANGE - ARTILLERY, FIRING RANGE - SMALL ARMS ETC...
Potential COC: Explosives (UXO, MEC Lead
Confirmed COC: Explosives (UXO, MEC Lead
Potential Description: SOIL
Alias Name: J09CA1110
Alias Type: Federal Facility ID
Alias Name: T10000004407
Alias Type: GeoTracker Global ID
Alias Name: 401221
Alias Type: Project Code (Site Code)
Alias Name: 37970031
Alias Type: Envirostor ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

UCSD (CAMP MATTHEWS)-J09CA111001 (Continued)

S106153524

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Proposed Plan
Completed Date: 06/25/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 12/10/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Assessment
Completed Date: 01/28/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 09/22/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment/Site Inspection Report (PA/SI)
Completed Date: 08/24/2007
Comments: Site Inspection Report approved. The SI Report recommended further site characterization in the RI/FS Phase.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inventory Project Report (INPR)
Completed Date: 09/21/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Site Inspection (SI) Workplan
Completed Date: 10/25/2006
Comments: Draft Site Specific Work Plan submitted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/05/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/05/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

UCSD (CAMP MATTHEWS)-J09CA111001 (Continued)

S106153524

Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/05/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/05/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/05/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Record of Decision - Interim
Completed Date: 10/05/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/05/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 04/17/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/02/2003
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Calsite:
Name: UCSD (Camp Matthews)-J09CA111001
Address: 12 MILES NORTH OF SAN DIEGO
City: LA JOLLA
Region: GLENDALE
Facility ID: 37970031

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

UCSD (CAMP MATTHEWS)-J09CA111001 (Continued)

S106153524

Facility Type: OPEN
Type: OPEN MILITARY BASE
Branch: SO
Branch Name: OMF-SOUTHERN CALIF
File Name: Not reported
State Senate District: 02112004
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
NPL: Not Listed
SIC Code: 97
SIC Name: NATIONAL SECURITY/INTERNATIONAL AFFAIRS
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
Staff Member Responsible for Site: OPATRICK
Supervisor Responsible for Site: Not reported
Region Water Control Board: Not reported
Region Water Control Board Name: Not reported
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 75
State Senate District Code: 39
Facility ID: Not reported
Activity: Not reported
Activity Name: Not reported
AWP Code: Not reported
Proposed Budget: Not reported
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: Not reported
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: Not reported
Definition of Status: Not reported
Liquids Removed (Gals): Not reported
Liquids Treated (Gals): Not reported
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: Not reported
For Industrial Reuse: Not reported
For Residential Reuse: Not reported
Unknown Type: Not reported
Alternate Address: 12 MILES NORTH OF SAN DIEGO
Alternate City,St,Zip: LA JOLLA, CA 92103
Background Info: Camp Matthews was established in 1918 as a rifle range for the Marine Corps. Over time it expanded and by 1956 there were a total of 6 rifle ranges, one pistol range, one mortar/flame thrower/hand grenade/bazooka range, three small bore ranges, one skeet range,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

UCSD (CAMP MATTHEWS)-J09CA111001 (Continued)

S106153524

and three school ranges. The mortar/flame thrower/ handgrenade/bazooka range (Range H) was located in the panhandle area of the camp. In April 1999, approximately 200 3.5 inch practice rockets were discovered during the excavation of a hillside. This location is approximately 1000 feet west of former Range H. The original INPR indicates that Range H was decontaminated prior to disposal. A mining company was used in the early 1960s to salvage lead and brass from the ranges. Most of the camp area has been extensively developed. The hillside where the rockets were discovered was professionally swept with mine detection equipment in April 1999. In February 2003, approximately 40 practice rockets were found at two construction projects on this formerly used defense site.

Comments Date: Not reported
Comments: Not reported
ID Name: Not reported
ID Value: Not reported
Alternate Name: UCSD (Camp Matthews)-J09CA111001
Alternate Name: Not reported
Special Programs Code: Not reported
Special Programs Name: Not reported

Count: 2 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address
LA JOLLA	S106879742	SOTCY - MWWD, PUMP STA # 29	3147 N CALLAN RD
SAN DIEGO	S127596088	TREELINE BIOSCIENCES, INC.	11180 ROSELLE ST SUITES A&B

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/27/2022	Source: EPA
Date Data Arrived at EDR: 11/01/2022	Telephone: N/A
Date Made Active in Reports: 11/15/2022	Last EDR Contact: 12/01/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/09/2023
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/27/2022	Source: EPA
Date Data Arrived at EDR: 11/01/2022	Telephone: N/A
Date Made Active in Reports: 11/15/2022	Last EDR Contact: 12/01/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/09/2023
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/27/2022
Date Data Arrived at EDR: 11/01/2022
Date Made Active in Reports: 11/15/2022
Number of Days to Update: 14

Source: EPA
Telephone: N/A
Last EDR Contact: 12/01/2022
Next Scheduled EDR Contact: 01/09/2023
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 08/25/2022
Date Data Arrived at EDR: 09/06/2022
Date Made Active in Reports: 12/05/2022
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 09/06/2022
Next Scheduled EDR Contact: 01/10/2023
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/27/2022
Date Data Arrived at EDR: 11/01/2022
Date Made Active in Reports: 11/15/2022
Number of Days to Update: 14

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/01/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 10/27/2022	Source: EPA
Date Data Arrived at EDR: 11/01/2022	Telephone: 800-424-9346
Date Made Active in Reports: 11/15/2022	Last EDR Contact: 12/01/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/23/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 11/21/2022	Source: EPA
Date Data Arrived at EDR: 11/21/2022	Telephone: 800-424-9346
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 11/21/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 11/21/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/21/2022	Telephone: (415) 495-8895
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 11/21/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 11/21/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/21/2022	Telephone: (415) 495-8895
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 11/21/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 11/21/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/21/2022	Telephone: (415) 495-8895
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 11/21/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 11/21/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/21/2022	Telephone: (415) 495-8895
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 11/21/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 08/16/2022	Source: Department of the Navy
Date Data Arrived at EDR: 08/22/2022	Telephone: 843-820-7326
Date Made Active in Reports: 10/24/2022	Last EDR Contact: 11/01/2022
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/20/2023
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 08/15/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/17/2022	Telephone: 703-603-0695
Date Made Active in Reports: 10/24/2022	Last EDR Contact: 11/16/2022
Number of Days to Update: 68	Next Scheduled EDR Contact: 03/06/2023
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 08/15/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/17/2022	Telephone: 703-603-0695
Date Made Active in Reports: 10/24/2022	Last EDR Contact: 11/16/2022
Number of Days to Update: 68	Next Scheduled EDR Contact: 03/06/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/14/2022

Source: National Response Center, United States Coast Guard

Date Data Arrived at EDR: 06/15/2022

Telephone: 202-267-2180

Date Made Active in Reports: 06/21/2022

Last EDR Contact: 09/20/2022

Number of Days to Update: 6

Next Scheduled EDR Contact: 01/02/2023

Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 07/25/2022

Source: Department of Toxic Substances Control

Date Data Arrived at EDR: 07/25/2022

Telephone: 916-323-3400

Date Made Active in Reports: 10/05/2022

Last EDR Contact: 10/24/2022

Number of Days to Update: 72

Next Scheduled EDR Contact: 02/06/2023

Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 07/25/2022

Source: Department of Toxic Substances Control

Date Data Arrived at EDR: 07/25/2022

Telephone: 916-323-3400

Date Made Active in Reports: 10/05/2022

Last EDR Contact: 10/24/2022

Number of Days to Update: 72

Next Scheduled EDR Contact: 02/06/2023

Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/08/2022

Source: Department of Resources Recycling and Recovery

Date Data Arrived at EDR: 08/08/2022

Telephone: 916-341-6320

Date Made Active in Reports: 10/20/2022

Last EDR Contact: 11/03/2022

Number of Days to Update: 73

Next Scheduled EDR Contact: 02/20/2023

Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 09/26/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 08/31/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/31/2022	Telephone: see region list
Date Made Active in Reports: 11/17/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Quarterly

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 08/01/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008	Source: California Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 07/22/2008	Telephone: 916-464-4834
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 07/01/2011
Number of Days to Update: 9	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004	Source: California Regional Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 09/07/2004	Telephone: 213-576-6710
Date Made Active in Reports: 10/12/2004	Last EDR Contact: 09/06/2011
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/19/2011
	Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-542-4786
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 07/18/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004	Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-622-2433
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001	Source: California Regional Water Quality Control Board North Coast (1)
Date Data Arrived at EDR: 02/28/2001	Telephone: 707-570-3769
Date Made Active in Reports: 03/29/2001	Last EDR Contact: 08/01/2011
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 06/02/2022	Source: EPA Region 4
Date Data Arrived at EDR: 06/13/2022	Telephone: 404-562-8677
Date Made Active in Reports: 08/31/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/11/2022 Source: EPA, Region 5
Date Data Arrived at EDR: 06/13/2022 Telephone: 312-886-7439
Date Made Active in Reports: 08/16/2022 Last EDR Contact: 12/06/2022
Number of Days to Update: 64 Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/28/2022 Source: EPA Region 6
Date Data Arrived at EDR: 06/13/2022 Telephone: 214-665-6597
Date Made Active in Reports: 08/16/2022 Last EDR Contact: 12/06/2022
Number of Days to Update: 64 Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/20/2022 Source: EPA Region 10
Date Data Arrived at EDR: 06/13/2022 Telephone: 206-553-2857
Date Made Active in Reports: 08/16/2022 Last EDR Contact: 12/06/2022
Number of Days to Update: 64 Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/20/2022 Source: EPA Region 8
Date Data Arrived at EDR: 06/13/2022 Telephone: 303-312-6271
Date Made Active in Reports: 08/16/2022 Last EDR Contact: 12/06/2022
Number of Days to Update: 64 Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/28/2021 Source: EPA Region 1
Date Data Arrived at EDR: 06/11/2021 Telephone: 617-918-1313
Date Made Active in Reports: 09/07/2021 Last EDR Contact: 10/06/2022
Number of Days to Update: 88 Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/08/2022 Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/13/2022 Telephone: 415-972-3372
Date Made Active in Reports: 08/16/2022 Last EDR Contact: 12/06/2022
Number of Days to Update: 64 Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/14/2022 Source: EPA Region 7
Date Data Arrived at EDR: 06/13/2022 Telephone: 913-551-7003
Date Made Active in Reports: 08/16/2022 Last EDR Contact: 12/06/2022
Number of Days to Update: 64 Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 08/31/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/31/2022	Telephone: 866-480-1028
Date Made Active in Reports: 11/17/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003	Source: California Regional Water Quality Control Board, North Coast Region (1)
Date Data Arrived at EDR: 04/07/2003	Telephone: 707-576-2220
Date Made Active in Reports: 04/25/2003	Last EDR Contact: 08/01/2011
Number of Days to Update: 18	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004	Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-286-0457
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/18/2006	Telephone: 805-549-3147
Date Made Active in Reports: 06/15/2006	Last EDR Contact: 07/18/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004	Source: Region Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 11/18/2004	Telephone: 213-576-6600
Date Made Active in Reports: 01/04/2005	Last EDR Contact: 07/01/2011
Number of Days to Update: 47	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005	Source: Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 04/05/2005	Telephone: 916-464-3291
Date Made Active in Reports: 04/21/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 16	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 88

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 08/24/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/31/2022	Telephone: 916-327-7844
Date Made Active in Reports: 11/21/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 08/31/2022	Source: SWRCB
Date Data Arrived at EDR: 08/31/2022	Telephone: 916-341-5851
Date Made Active in Reports: 11/28/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 89	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Semi-Annually

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 08/31/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/31/2022	Telephone: 866-480-1028
Date Made Active in Reports: 11/17/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 12/06/2022
Number of Days to Update: 69	Next Scheduled EDR Contact: 03/27/2023
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 06/02/2022	Source: EPA Region 4
Date Data Arrived at EDR: 06/13/2022	Telephone: 404-562-9424
Date Made Active in Reports: 08/31/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/20/2022	Source: EPA Region 10
Date Data Arrived at EDR: 06/13/2022	Telephone: 206-553-2857
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/14/2022	Source: EPA Region 7
Date Data Arrived at EDR: 06/13/2022	Telephone: 913-551-7003
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/20/2022	Source: EPA Region 8
Date Data Arrived at EDR: 06/13/2022	Telephone: 303-312-6137
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/08/2022	Source: EPA Region 9
Date Data Arrived at EDR: 06/13/2022	Telephone: 415-972-3368
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/07/2022	Source: EPA, Region 1
Date Data Arrived at EDR: 06/13/2022	Telephone: 617-918-1313
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/28/2022	Source: EPA Region 6
Date Data Arrived at EDR: 06/13/2022	Telephone: 214-665-7591
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/11/2022	Source: EPA Region 5
Date Data Arrived at EDR: 06/13/2022	Telephone: 312-886-6136
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Lists of state and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 07/25/2022	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 07/25/2022	Telephone: 916-323-3400
Date Made Active in Reports: 10/05/2022	Last EDR Contact: 10/24/2022
Number of Days to Update: 72	Next Scheduled EDR Contact: 02/06/2023
	Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lising

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/08/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 09/13/2022
Number of Days to Update: 142	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 09/19/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/19/2022	Telephone: 916-323-7905
Date Made Active in Reports: 12/07/2022	Last EDR Contact: 09/19/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 02/23/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/10/2022	Telephone: 202-566-2777
Date Made Active in Reports: 03/10/2022	Last EDR Contact: 12/07/2022
Number of Days to Update: 0	Next Scheduled EDR Contact: 03/27/2023
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 10/20/2022
Number of Days to Update: 30	Next Scheduled EDR Contact: 02/06/2023
	Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 08/31/2022	Source: Department of Conservation
Date Data Arrived at EDR: 08/31/2022	Telephone: 916-323-3836
Date Made Active in Reports: 11/18/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 08/12/2022	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 08/16/2022	Telephone: 916-341-6422
Date Made Active in Reports: 08/26/2022	Last EDR Contact: 11/15/2022
Number of Days to Update: 10	Next Scheduled EDR Contact: 02/20/2023
	Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 10/20/2022
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/06/2023
	Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 10/11/2022
Number of Days to Update: 137	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014	Source: Department of Health & Human Services, Indian Health Service
Date Data Arrived at EDR: 08/06/2014	Telephone: 301-443-1452
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 10/28/2022
Number of Days to Update: 176	Next Scheduled EDR Contact: 02/06/2023
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 07/29/2022	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 08/18/2022	Telephone: 202-307-1000
Date Made Active in Reports: 10/24/2022	Last EDR Contact: 11/16/2022
Number of Days to Update: 67	Next Scheduled EDR Contact: 03/06/2023
	Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 07/25/2022	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 07/25/2022	Telephone: 916-323-3400
Date Made Active in Reports: 10/05/2022	Last EDR Contact: 10/24/2022
Number of Days to Update: 72	Next Scheduled EDR Contact: 02/06/2023
	Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2019	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/20/2021	Telephone: 916-255-6504
Date Made Active in Reports: 04/08/2021	Last EDR Contact: 11/23/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 02/13/2023
	Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 01/26/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/27/2009
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 07/18/2022	Source: CalEPA
Date Data Arrived at EDR: 07/18/2022	Telephone: 916-323-2514
Date Made Active in Reports: 09/30/2022	Last EDR Contact: 10/17/2022
Number of Days to Update: 74	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 07/29/2022	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 08/18/2022	Telephone: 202-307-1000
Date Made Active in Reports: 10/24/2022	Last EDR Contact: 11/16/2022
Number of Days to Update: 67	Next Scheduled EDR Contact: 03/06/2023
	Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 08/04/2022	Source: San Francisco County Department of Public Health
Date Data Arrived at EDR: 08/04/2022	Telephone: 415-252-3896
Date Made Active in Reports: 10/20/2022	Last EDR Contact: 10/26/2022
Number of Days to Update: 77	Next Scheduled EDR Contact: 02/16/2023
	Data Release Frequency: Varies

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 07/18/2022
Date Data Arrived at EDR: 07/18/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 74

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 08/24/2022
Date Made Active in Reports: 11/14/2022
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/06/2022
Next Scheduled EDR Contact: 03/13/2023
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 10/27/2022
Date Data Arrived at EDR: 11/01/2022
Date Made Active in Reports: 11/15/2022
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 12/01/2022
Next Scheduled EDR Contact: 01/09/2023
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 08/25/2022
Date Data Arrived at EDR: 08/25/2022
Date Made Active in Reports: 11/14/2022
Number of Days to Update: 81

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 11/29/2022
Next Scheduled EDR Contact: 03/13/2023
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/19/2022	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 09/19/2022	Telephone: 202-366-4555
Date Made Active in Reports: 09/30/2022	Last EDR Contact: 09/19/2022
Number of Days to Update: 11	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 06/30/2022	Source: Office of Emergency Services
Date Data Arrived at EDR: 07/18/2022	Telephone: 916-845-8400
Date Made Active in Reports: 09/30/2022	Last EDR Contact: 10/17/2022
Number of Days to Update: 74	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 08/31/2022	Source: State Water Quality Control Board
Date Data Arrived at EDR: 08/31/2022	Telephone: 866-480-1028
Date Made Active in Reports: 11/17/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 08/31/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/31/2022	Telephone: 866-480-1028
Date Made Active in Reports: 11/17/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/21/2022 Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/21/2022 Telephone: (415) 495-8895
Date Made Active in Reports: 12/05/2022 Last EDR Contact: 11/21/2022
Number of Days to Update: 14 Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 08/11/2022 Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 08/11/2022 Telephone: 202-528-4285
Date Made Active in Reports: 09/30/2022 Last EDR Contact: 11/10/2022
Number of Days to Update: 50 Next Scheduled EDR Contact: 02/27/2023
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021 Source: USGS
Date Data Arrived at EDR: 07/13/2021 Telephone: 888-275-8747
Date Made Active in Reports: 03/09/2022 Last EDR Contact: 10/13/2022
Number of Days to Update: 239 Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018 Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018 Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019 Last EDR Contact: 10/03/2022
Number of Days to Update: 574 Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017 Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017 Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017 Last EDR Contact: 11/03/2022
Number of Days to Update: 63 Next Scheduled EDR Contact: 02/20/2023
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/20/2022 Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2022 Telephone: 202-566-1917
Date Made Active in Reports: 08/31/2022 Last EDR Contact: 09/20/2022
Number of Days to Update: 71 Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 10/28/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 02/16/2023
	Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/28/2022
Number of Days to Update: 73	Next Scheduled EDR Contact: 02/16/2023
	Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/17/2020	Telephone: 202-260-5521
Date Made Active in Reports: 09/10/2020	Last EDR Contact: 09/12/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 12/26/2022
	Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018	Source: EPA
Date Data Arrived at EDR: 08/14/2020	Telephone: 202-566-0250
Date Made Active in Reports: 11/04/2020	Last EDR Contact: 11/01/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 02/27/2023
	Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 07/18/2022	Source: EPA
Date Data Arrived at EDR: 07/18/2022	Telephone: 202-564-4203
Date Made Active in Reports: 07/29/2022	Last EDR Contact: 10/18/2022
Number of Days to Update: 11	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 10/27/2022	Source: EPA
Date Data Arrived at EDR: 11/01/2022	Telephone: 703-416-0223
Date Made Active in Reports: 11/15/2022	Last EDR Contact: 12/01/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 03/13/2023
	Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/27/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/04/2022	Telephone: 202-564-8600
Date Made Active in Reports: 05/10/2022	Last EDR Contact: 10/27/2022
Number of Days to Update: 6	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/27/2022	Source: EPA
Date Data Arrived at EDR: 11/01/2022	Telephone: 202-564-6023
Date Made Active in Reports: 11/15/2022	Last EDR Contact: 12/01/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 02/16/2023
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 01/20/2022	Source: EPA
Date Data Arrived at EDR: 01/20/2022	Telephone: 202-566-0500
Date Made Active in Reports: 03/25/2022	Last EDR Contact: 10/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 09/27/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/26/2022	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 11/22/2022	Telephone: 301-415-7169
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 10/11/2022
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2020	Source: Department of Energy
Date Data Arrived at EDR: 11/30/2021	Telephone: 202-586-8719
Date Made Active in Reports: 02/22/2022	Last EDR Contact: 11/29/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 03/13/2023
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 11/23/2022
Number of Days to Update: 251	Next Scheduled EDR Contact: 03/13/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 11/03/2022
Number of Days to Update: 96	Next Scheduled EDR Contact: 02/13/2023
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 09/21/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 01/10/2023
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 01/28/2020	Telephone: 202-366-4595
Date Made Active in Reports: 04/17/2020	Last EDR Contact: 10/24/2022
Number of Days to Update: 80	Next Scheduled EDR Contact: 02/06/2023
	Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/30/2022
Date Data Arrived at EDR: 07/21/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 71

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 23

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/21/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/06/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 10/27/2022
Next Scheduled EDR Contact: 02/16/2023
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/09/2022
Next Scheduled EDR Contact: 02/27/2023
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 10/27/2022
Date Data Arrived at EDR: 11/01/2022
Date Made Active in Reports: 11/15/2022
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 12/01/2022
Next Scheduled EDR Contact: 01/09/2023
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/03/2022
Date Data Arrived at EDR: 08/17/2022
Date Made Active in Reports: 08/31/2022
Number of Days to Update: 14

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/17/2022
Next Scheduled EDR Contact: 03/06/2023
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 08/01/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 59

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 11/28/2022
Next Scheduled EDR Contact: 03/13/2023
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/21/2022
Next Scheduled EDR Contact: 03/06/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 11/21/2022
Number of Days to Update: 97	Next Scheduled EDR Contact: 03/06/2023
	Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/13/2022	Source: Department of Interior
Date Data Arrived at EDR: 09/14/2022	Telephone: 202-208-2609
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 11/30/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 08/03/2022	Source: EPA
Date Data Arrived at EDR: 08/25/2022	Telephone: (415) 947-8000
Date Made Active in Reports: 10/24/2022	Last EDR Contact: 11/29/2022
Number of Days to Update: 60	Next Scheduled EDR Contact: 03/13/2023
	Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/25/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2022	Telephone: 202-564-2280
Date Made Active in Reports: 09/30/2022	Last EDR Contact: 09/30/2022
Number of Days to Update: 91	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/21/2021	Telephone: 202-564-0527
Date Made Active in Reports: 08/11/2021	Last EDR Contact: 11/15/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/06/2023
	Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2020	Source: Department of Defense
Date Data Arrived at EDR: 01/11/2022	Telephone: 703-704-1564
Date Made Active in Reports: 02/14/2022	Last EDR Contact: 10/05/2022
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/23/2023
	Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/11/2022	Source: EPA
Date Data Arrived at EDR: 08/11/2022	Telephone: 800-385-6164
Date Made Active in Reports: 09/30/2022	Last EDR Contact: 11/10/2022
Number of Days to Update: 50	Next Scheduled EDR Contact: 02/27/2023
	Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 02/23/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/08/2022	Telephone: 703-603-8895
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 10/04/2022
Number of Days to Update: 123	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 02/23/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 10/06/2022
Number of Days to Update: 222	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 01/03/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 10/04/2022
Number of Days to Update: 222	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 01/03/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 10/06/2022
Number of Days to Update: 222	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020	Source: Department of Health & Human Services
Date Data Arrived at EDR: 03/17/2021	Telephone: 202-741-5770
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 10/28/2022
Number of Days to Update: 601	Next Scheduled EDR Contact: 02/06/2023
	Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 01/03/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 10/06/2022
Number of Days to Update: 222	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits.

Date of Government Version: 01/03/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 10/06/2022
Number of Days to Update: 222	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 01/03/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 10/06/2022
Number of Days to Update: 222	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facility's name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset, as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 08/22/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 10/06/2022
Number of Days to Update: 222	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration's document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 08/22/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/26/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 10/26/2022
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 02/23/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 10/06/2022
Number of Days to Update: 222	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 08/31/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/31/2022	Telephone: 866-480-1028
Date Made Active in Reports: 10/31/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 61	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Varies

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 09/06/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/06/2022	Telephone: 916-341-5455
Date Made Active in Reports: 10/26/2022	Last EDR Contact: 10/09/2022
Number of Days to Update: 50	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 09/19/2022	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 09/19/2022	Telephone: 916-323-3400
Date Made Active in Reports: 12/07/2022	Last EDR Contact: 09/19/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 12/07/2021	Source: Livermore-Pleasanton Fire Department
Date Data Arrived at EDR: 05/09/2022	Telephone: 925-454-2361
Date Made Active in Reports: 05/17/2022	Last EDR Contact: 11/10/2022
Number of Days to Update: 8	Next Scheduled EDR Contact: 02/20/2023
	Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 05/25/2022	Source: Antelope Valley Air Quality Management District
Date Data Arrived at EDR: 05/26/2022	Telephone: 661-723-8070
Date Made Active in Reports: 08/11/2022	Last EDR Contact: 11/14/2022
Number of Days to Update: 77	Next Scheduled EDR Contact: 03/13/2023
	Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 08/18/2022	Source: South Coast Air Quality Management District
Date Data Arrived at EDR: 08/29/2022	Telephone: 909-396-3211
Date Made Active in Reports: 11/14/2022	Last EDR Contact: 11/15/2022
Number of Days to Update: 77	Next Scheduled EDR Contact: 03/06/2023
	Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/27/2021	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 09/01/2021	Telephone: 916-327-4498
Date Made Active in Reports: 11/19/2021	Last EDR Contact: 11/07/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 03/13/2023
	Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2020	Source: California Air Resources Board
Date Data Arrived at EDR: 06/13/2022	Telephone: 916-322-2990
Date Made Active in Reports: 08/30/2022	Last EDR Contact: 09/16/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 12/26/2022
	Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/12/2022
Date Data Arrived at EDR: 07/18/2022
Date Made Active in Reports: 09/29/2022
Number of Days to Update: 73

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 10/19/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing Financial Assurance information

Date of Government Version: 07/06/2022
Date Data Arrived at EDR: 07/21/2022
Date Made Active in Reports: 10/03/2022
Number of Days to Update: 74

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/09/2022
Date Data Arrived at EDR: 08/10/2022
Date Made Active in Reports: 08/30/2022
Number of Days to Update: 20

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/15/2022
Next Scheduled EDR Contact: 02/20/2023
Data Release Frequency: Varies

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/11/2022
Date Data Arrived at EDR: 08/11/2022
Date Made Active in Reports: 10/28/2022
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 877-786-9427
Last EDR Contact: 11/10/2022
Next Scheduled EDR Contact: 02/27/2023
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSTITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/11/2022
Date Data Arrived at EDR: 08/11/2022
Date Made Active in Reports: 10/28/2022
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/10/2022
Next Scheduled EDR Contact: 02/27/2023
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/05/2022
Date Data Arrived at EDR: 07/05/2022
Date Made Active in Reports: 09/19/2022
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/03/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Quarterly

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 07/05/2022
Date Made Active in Reports: 09/19/2022
Number of Days to Update: 76

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Annually

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 08/31/2022
Date Data Arrived at EDR: 08/31/2022
Date Made Active in Reports: 11/18/2022
Number of Days to Update: 79

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 12/02/2022
Next Scheduled EDR Contact: 03/20/2023
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 08/08/2022
Date Data Arrived at EDR: 08/25/2022
Date Made Active in Reports: 11/14/2022
Number of Days to Update: 81

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 11/29/2022
Next Scheduled EDR Contact: 03/13/2023
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 08/08/2022
Date Data Arrived at EDR: 08/08/2022
Date Made Active in Reports: 10/20/2022
Number of Days to Update: 73

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/03/2022
Next Scheduled EDR Contact: 02/20/2023
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 08/25/2022
Date Data Arrived at EDR: 08/25/2022
Date Made Active in Reports: 11/14/2022
Number of Days to Update: 81

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 11/29/2022
Next Scheduled EDR Contact: 03/13/2023
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 08/31/2022	Source: Department of Conservation
Date Data Arrived at EDR: 08/31/2022	Telephone: 916-323-3836
Date Made Active in Reports: 11/18/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 09/07/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/08/2022	Telephone: 916-445-3846
Date Made Active in Reports: 11/29/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/27/2023
	Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 08/31/2022	Source: Department of Conservation
Date Data Arrived at EDR: 08/31/2022	Telephone: 916-445-2408
Date Made Active in Reports: 11/18/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 08/31/2022	Source: State Water Resource Control Board
Date Data Arrived at EDR: 08/31/2022	Telephone: 866-480-1028
Date Made Active in Reports: 11/17/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021	Source: RWQCB, Central Valley Region
Date Data Arrived at EDR: 07/01/2021	Telephone: 559-445-5577
Date Made Active in Reports: 09/29/2021	Last EDR Contact: 10/06/2022
Number of Days to Update: 90	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 11/08/2022
Number of Days to Update: 9	Next Scheduled EDR Contact: 02/27/2023
	Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 09/13/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 08/31/2022
Date Data Arrived at EDR: 08/31/2022
Date Made Active in Reports: 11/17/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/02/2022
Next Scheduled EDR Contact: 03/20/2023
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)

Projects sites

Date of Government Version: 08/31/2022
Date Data Arrived at EDR: 08/31/2022
Date Made Active in Reports: 11/17/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/02/2022
Next Scheduled EDR Contact: 03/20/2023
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 08/31/2022
Date Data Arrived at EDR: 08/31/2022
Date Made Active in Reports: 11/18/2022
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 12/02/2022
Next Scheduled EDR Contact: 03/20/2023
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 08/16/2022
Date Data Arrived at EDR: 08/17/2022
Date Made Active in Reports: 08/18/2022
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 11/29/2022
Next Scheduled EDR Contact: 03/13/2023
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 07/18/2022
Date Data Arrived at EDR: 07/18/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 74

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 08/31/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/31/2022	Telephone: 866-480-1028
Date Made Active in Reports: 11/17/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 08/31/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/31/2022	Telephone: 866-480-1028
Date Made Active in Reports: 11/17/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 08/31/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/31/2022	Telephone: 866-480-1028
Date Made Active in Reports: 11/17/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 08/31/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/31/2022	Telephone: 866-480-1028
Date Made Active in Reports: 11/17/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 08/31/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/31/2022	Telephone: 866-480-1028
Date Made Active in Reports: 11/17/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 04/05/2022	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/05/2022	Telephone: 916-324-2444
Date Made Active in Reports: 04/26/2022	Last EDR Contact: 10/03/2022
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2014	Source: EPA
Date Data Arrived at EDR: 02/05/2015	Telephone: 202-564-2497
Date Made Active in Reports: 03/06/2015	Last EDR Contact: 09/28/2022
Number of Days to Update: 29	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011	Source: EPA, Office of Water
Date Data Arrived at EDR: 08/05/2011	Telephone: 202-564-2496
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 09/28/2022
Number of Days to Update: 55	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014	Source: EPA
Date Data Arrived at EDR: 01/06/2015	Telephone: 202-564-2496
Date Made Active in Reports: 05/06/2015	Last EDR Contact: 09/28/2022
Number of Days to Update: 120	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 04/06/2018	Source: USGS
Date Data Arrived at EDR: 10/21/2019	Telephone: 703-648-6533
Date Made Active in Reports: 10/24/2019	Last EDR Contact: 11/22/2022
Number of Days to Update: 3	Next Scheduled EDR Contact: 03/06/2023
	Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 06/29/2022
Date Data Arrived at EDR: 06/29/2022
Date Made Active in Reports: 07/21/2022
Number of Days to Update: 22

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List Cupa Facility List

Date of Government Version: 07/22/2022
Date Data Arrived at EDR: 07/27/2022
Date Made Active in Reports: 08/01/2022
Number of Days to Update: 5

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 10/26/2022
Next Scheduled EDR Contact: 02/13/2023
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 06/14/2022
Date Data Arrived at EDR: 06/15/2022
Date Made Active in Reports: 09/02/2022
Number of Days to Update: 79

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 10/26/2022
Next Scheduled EDR Contact: 02/16/2023
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SL CONTRA COSTA: Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 07/20/2022	Source: Contra Costa Health Services Department
Date Data Arrived at EDR: 07/20/2022	Telephone: 925-646-2286
Date Made Active in Reports: 10/03/2022	Last EDR Contact: 10/20/2022
Number of Days to Update: 75	Next Scheduled EDR Contact: 02/06/2023
	Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List Cupa Facility list

Date of Government Version: 05/04/2022	Source: Del Norte County Environmental Health Division
Date Data Arrived at EDR: 05/06/2022	Telephone: 707-465-0426
Date Made Active in Reports: 07/28/2022	Last EDR Contact: 10/20/2022
Number of Days to Update: 83	Next Scheduled EDR Contact: 02/06/2023
	Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List CUPA facility list.

Date of Government Version: 08/08/2022	Source: El Dorado County Environmental Management Department
Date Data Arrived at EDR: 08/09/2022	Telephone: 530-621-6623
Date Made Active in Reports: 09/01/2022	Last EDR Contact: 10/20/2022
Number of Days to Update: 23	Next Scheduled EDR Contact: 02/06/2023
	Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/28/2021	Source: Dept. of Community Health
Date Data Arrived at EDR: 12/21/2021	Telephone: 559-445-3271
Date Made Active in Reports: 03/03/2022	Last EDR Contact: 09/30/2022
Number of Days to Update: 72	Next Scheduled EDR Contact: 01/09/2023
	Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List Cupa facility list

Date of Government Version: 01/22/2018	Source: Glenn County Air Pollution Control District
Date Data Arrived at EDR: 01/24/2018	Telephone: 830-934-6500
Date Made Active in Reports: 03/14/2018	Last EDR Contact: 10/11/2022
Number of Days to Update: 49	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA HUMBOLDT: CUPA Facility List CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/08/2022
Next Scheduled EDR Contact: 02/27/2023
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List Cupa facility list.

Date of Government Version: 07/13/2022
Date Data Arrived at EDR: 07/14/2022
Date Made Active in Reports: 09/29/2022
Number of Days to Update: 77

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/08/2022
Next Scheduled EDR Contact: 02/27/2023
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List

A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 05/06/2022
Date Data Arrived at EDR: 05/12/2022
Date Made Active in Reports: 08/01/2022
Number of Days to Update: 81

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 02/16/2023
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 05/06/2022
Date Data Arrived at EDR: 05/12/2022
Date Made Active in Reports: 08/01/2022
Number of Days to Update: 81

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 02/16/2023
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/08/2022
Next Scheduled EDR Contact: 02/27/2023
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List Cupa facility list

Date of Government Version: 07/22/2022
Date Data Arrived at EDR: 07/25/2022
Date Made Active in Reports: 10/05/2022
Number of Days to Update: 72

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/04/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 12/06/2022
Next Scheduled EDR Contact: 03/27/2023
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/06/2022
Date Data Arrived at EDR: 07/07/2022
Date Made Active in Reports: 09/21/2022
Number of Days to Update: 76

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/11/2022
Date Data Arrived at EDR: 07/11/2022
Date Made Active in Reports: 09/23/2022
Number of Days to Update: 74

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/07/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LF LOS ANGELES CITY: City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2022	Source: Engineering & Construction Division
Date Data Arrived at EDR: 01/21/2022	Telephone: 213-473-7869
Date Made Active in Reports: 04/11/2022	Last EDR Contact: 10/04/2022
Number of Days to Update: 80	Next Scheduled EDR Contact: 01/23/2023
	Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory

A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/25/2019	Telephone: 213-978-3800
Date Made Active in Reports: 08/22/2019	Last EDR Contact: 09/19/2022
Number of Days to Update: 58	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 01/10/2022	Source: Los Angeles County Department of Public Works
Date Data Arrived at EDR: 01/12/2022	Telephone: 626-458-6973
Date Made Active in Reports: 04/04/2022	Last EDR Contact: 10/04/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/23/2023
	Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 08/30/2022	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 09/20/2022	Telephone: 213-978-3800
Date Made Active in Reports: 12/07/2022	Last EDR Contact: 09/20/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 08/30/2022	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 09/20/2022	Telephone: 213-978-3800
Date Made Active in Reports: 12/08/2022	Last EDR Contact: 09/20/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 05/26/2021	Source: Community Health Services
Date Data Arrived at EDR: 07/09/2021	Telephone: 323-890-7806
Date Made Active in Reports: 09/29/2021	Last EDR Contact: 10/20/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/19/2017	Telephone: 310-524-2236
Date Made Active in Reports: 05/10/2017	Last EDR Contact: 10/04/2022
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/23/2023
	Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 04/23/2019	Telephone: 562-570-2563
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 10/11/2022
Number of Days to Update: 65	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/22/2022	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 07/19/2022	Telephone: 310-618-2973
Date Made Active in Reports: 09/30/2022	Last EDR Contact: 10/11/2022
Number of Days to Update: 73	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020	Source: Madera County Environmental Health
Date Data Arrived at EDR: 08/12/2020	Telephone: 559-675-7823
Date Made Active in Reports: 10/23/2020	Last EDR Contact: 11/08/2022
Number of Days to Update: 72	Next Scheduled EDR Contact: 02/27/2023
	Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 10/04/2018	Telephone: 415-473-6647
Date Made Active in Reports: 11/02/2018	Last EDR Contact: 09/21/2022
Number of Days to Update: 29	Next Scheduled EDR Contact: 01/10/2023
	Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/15/2022
Next Scheduled EDR Contact: 03/06/2023
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List CUPA facility list.

Date of Government Version: 02/15/2022
Date Data Arrived at EDR: 02/17/2022
Date Made Active in Reports: 05/11/2022
Number of Days to Update: 83

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 11/08/2022
Next Scheduled EDR Contact: 02/27/2023
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 11/15/2022
Next Scheduled EDR Contact: 03/06/2023
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 11/15/2022
Next Scheduled EDR Contact: 01/09/2023
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/15/2022
Next Scheduled EDR Contact: 03/06/2023
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/15/2022
Next Scheduled EDR Contact: 03/06/2023
Data Release Frequency: No Update Planned

NEVADA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/21/2022	Source: Community Development Agency
Date Data Arrived at EDR: 07/25/2022	Telephone: 530-265-1467
Date Made Active in Reports: 07/28/2022	Last EDR Contact: 10/20/2022
Number of Days to Update: 3	Next Scheduled EDR Contact: 02/06/2023
	Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 05/24/2022	Source: Health Care Agency
Date Data Arrived at EDR: 08/09/2022	Telephone: 714-834-3446
Date Made Active in Reports: 10/28/2022	Last EDR Contact: 11/03/2022
Number of Days to Update: 80	Next Scheduled EDR Contact: 02/13/2023
	Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 04/08/2022	Source: Health Care Agency
Date Data Arrived at EDR: 05/18/2022	Telephone: 714-834-3446
Date Made Active in Reports: 08/03/2022	Last EDR Contact: 11/03/2022
Number of Days to Update: 77	Next Scheduled EDR Contact: 02/13/2023
	Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 05/24/2022	Source: Health Care Agency
Date Data Arrived at EDR: 08/01/2022	Telephone: 714-834-3446
Date Made Active in Reports: 10/20/2022	Last EDR Contact: 11/03/2022
Number of Days to Update: 80	Next Scheduled EDR Contact: 02/13/2023
	Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 08/26/2022	Source: Placer County Health and Human Services
Date Data Arrived at EDR: 08/29/2022	Telephone: 530-745-2363
Date Made Active in Reports: 11/15/2022	Last EDR Contact: 11/22/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/13/2023
	Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019	Source: Plumas County Environmental Health
Date Data Arrived at EDR: 04/23/2019	Telephone: 530-283-6355
Date Made Active in Reports: 06/26/2019	Last EDR Contact: 10/11/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

RIVERSIDE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/22/2022	Source: Department of Environmental Health
Date Data Arrived at EDR: 09/26/2022	Telephone: 951-358-5055
Date Made Active in Reports: 12/09/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 74	Next Scheduled EDR Contact: 03/27/2023
	Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 09/22/2022	Source: Department of Environmental Health
Date Data Arrived at EDR: 09/26/2022	Telephone: 951-358-5055
Date Made Active in Reports: 12/09/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 74	Next Scheduled EDR Contact: 03/27/2023
	Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 06/18/2021	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 09/28/2021	Telephone: 916-875-8406
Date Made Active in Reports: 12/14/2021	Last EDR Contact: 09/30/2022
Number of Days to Update: 77	Next Scheduled EDR Contact: 01/09/2023
	Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 05/04/2022	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 06/30/2022	Telephone: 916-875-8406
Date Made Active in Reports: 07/05/2022	Last EDR Contact: 12/09/2022
Number of Days to Update: 5	Next Scheduled EDR Contact: 01/10/2023
	Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 07/27/2022	Source: San Benito County Environmental Health
Date Data Arrived at EDR: 07/27/2022	Telephone: N/A
Date Made Active in Reports: 10/11/2022	Last EDR Contact: 10/26/2022
Number of Days to Update: 76	Next Scheduled EDR Contact: 02/16/2023
	Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/22/2022
Date Data Arrived at EDR: 08/23/2022
Date Made Active in Reports: 11/11/2022
Number of Days to Update: 80

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 10/28/2022
Next Scheduled EDR Contact: 02/16/2023
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 08/25/2022
Date Data Arrived at EDR: 08/25/2022
Date Made Active in Reports: 11/15/2022
Number of Days to Update: 82

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 11/29/2022
Next Scheduled EDR Contact: 03/13/2023
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/27/2021
Date Data Arrived at EDR: 03/04/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 88

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 11/22/2022
Next Scheduled EDR Contact: 03/13/2023
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/04/2022
Date Data Arrived at EDR: 08/04/2022
Date Made Active in Reports: 10/20/2022
Number of Days to Update: 77

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 10/26/2022
Next Scheduled EDR Contact: 02/16/2023
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 10/26/2022
Next Scheduled EDR Contact: 02/16/2023
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 08/04/2022
Date Data Arrived at EDR: 08/04/2022
Date Made Active in Reports: 10/20/2022
Number of Days to Update: 77

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 10/26/2022
Next Scheduled EDR Contact: 02/13/2023
Data Release Frequency: Quarterly

SAN FRANCISCO COUNTY:

SAN FRANCISCO MAHER: Maher Ordinance Property Listing

a listing of properties that fall within a Maher Ordinance, for all of San Francisco

Date of Government Version: 01/18/2022
Date Data Arrived at EDR: 01/20/2022
Date Made Active in Reports: 04/27/2022
Number of Days to Update: 97

Source: San Francisco Planning
Telephone: 628-652-7483
Last EDR Contact: 10/07/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/06/2022
Next Scheduled EDR Contact: 03/27/2023
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List

Cupa Facility List.

Date of Government Version: 08/10/2022
Date Data Arrived at EDR: 08/11/2022
Date Made Active in Reports: 10/28/2022
Number of Days to Update: 78

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/08/2022
Next Scheduled EDR Contact: 02/27/2023
Data Release Frequency: Varies

SAN MATEO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

BI SAN MATEO: Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 02/20/2020	Telephone: 650-363-1921
Date Made Active in Reports: 04/24/2020	Last EDR Contact: 12/09/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 03/29/2019	Telephone: 650-363-1921
Date Made Active in Reports: 05/29/2019	Last EDR Contact: 11/30/2022
Number of Days to Update: 61	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011	Source: Santa Barbara County Public Health Department
Date Data Arrived at EDR: 09/09/2011	Telephone: 805-686-8167
Date Made Active in Reports: 10/07/2011	Last EDR Contact: 11/08/2022
Number of Days to Update: 28	Next Scheduled EDR Contact: 02/27/2023
	Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List

Cupa facility list

Date of Government Version: 05/16/2022	Source: Department of Environmental Health
Date Data Arrived at EDR: 05/18/2022	Telephone: 408-918-1973
Date Made Active in Reports: 08/04/2022	Last EDR Contact: 10/28/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 02/27/2023
	Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005	Source: Santa Clara Valley Water District
Date Data Arrived at EDR: 03/30/2005	Telephone: 408-265-2600
Date Made Active in Reports: 04/21/2005	Last EDR Contact: 03/23/2009
Number of Days to Update: 22	Next Scheduled EDR Contact: 06/22/2009
	Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014	Source: Department of Environmental Health
Date Data Arrived at EDR: 03/05/2014	Telephone: 408-918-3417
Date Made Active in Reports: 03/18/2014	Last EDR Contact: 11/15/2022
Number of Days to Update: 13	Next Scheduled EDR Contact: 03/06/2023
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020	Source: City of San Jose Fire Department
Date Data Arrived at EDR: 11/05/2020	Telephone: 408-535-7694
Date Made Active in Reports: 01/26/2021	Last EDR Contact: 10/26/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 02/16/2023
	Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List CUPA facility listing.

Date of Government Version: 01/21/2017	Source: Santa Cruz County Environmental Health
Date Data Arrived at EDR: 02/22/2017	Telephone: 831-464-2761
Date Made Active in Reports: 05/23/2017	Last EDR Contact: 11/08/2022
Number of Days to Update: 90	Next Scheduled EDR Contact: 02/27/2023
	Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List Cupa Facility List.

Date of Government Version: 06/15/2017	Source: Shasta County Department of Resource Management
Date Data Arrived at EDR: 06/19/2017	Telephone: 530-225-5789
Date Made Active in Reports: 08/09/2017	Last EDR Contact: 11/08/2022
Number of Days to Update: 51	Next Scheduled EDR Contact: 02/27/2023
	Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019	Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 06/06/2019	Telephone: 707-784-6770
Date Made Active in Reports: 08/13/2019	Last EDR Contact: 11/22/2022
Number of Days to Update: 68	Next Scheduled EDR Contact: 03/13/2023
	Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021	Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 09/16/2021	Telephone: 707-784-6770
Date Made Active in Reports: 12/09/2021	Last EDR Contact: 11/22/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 03/13/2023
	Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List Cupa Facility list

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 09/13/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 09/13/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List

Cupa facility list

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/10/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 10/04/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 08/03/2022
Date Data Arrived at EDR: 08/25/2022
Date Made Active in Reports: 11/14/2022
Number of Days to Update: 81

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 11/23/2022
Next Scheduled EDR Contact: 03/13/2023
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List

Cupa facilities

Date of Government Version: 07/27/2022
Date Data Arrived at EDR: 07/27/2022
Date Made Active in Reports: 10/11/2022
Number of Days to Update: 76

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 11/08/2022
Next Scheduled EDR Contact: 02/16/2023
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List

Cupa facility list

Date of Government Version: 07/13/2022
Date Data Arrived at EDR: 07/14/2022
Date Made Active in Reports: 09/29/2022
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

TULARE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA TULARE: CUPA Facility List Cupa program facilities

Date of Government Version: 04/26/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 02/16/2023
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Division of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 05/26/2022
Date Data Arrived at EDR: 07/21/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 71

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/21/2022
Next Scheduled EDR Contact: 01/10/2023
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/01/2022
Next Scheduled EDR Contact: 02/20/2023
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 05/26/2022
Date Data Arrived at EDR: 07/25/2022
Date Made Active in Reports: 10/05/2022
Number of Days to Update: 72

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST VENTURA: Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/29/2022	Source: Environmental Health Division
Date Data Arrived at EDR: 08/31/2022	Telephone: 805-654-2813
Date Made Active in Reports: 11/21/2022	Last EDR Contact: 12/02/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 06/22/2022	Source: Yolo County Department of Health
Date Data Arrived at EDR: 06/30/2022	Telephone: 530-666-8646
Date Made Active in Reports: 09/14/2022	Last EDR Contact: 09/21/2022
Number of Days to Update: 76	Next Scheduled EDR Contact: 01/10/2023
	Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 10/25/2022	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 10/26/2022	Telephone: 530-749-7523
Date Made Active in Reports: 10/31/2022	Last EDR Contact: 10/20/2022
Number of Days to Update: 5	Next Scheduled EDR Contact: 02/06/2023
	Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 08/08/2022	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 08/08/2022	Telephone: 860-424-3375
Date Made Active in Reports: 10/21/2022	Last EDR Contact: 11/16/2022
Number of Days to Update: 74	Next Scheduled EDR Contact: 02/20/2023
	Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/10/2019	Telephone: N/A
Date Made Active in Reports: 05/16/2019	Last EDR Contact: 10/03/2022
Number of Days to Update: 36	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/28/2022
Next Scheduled EDR Contact: 02/06/2023
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 12/07/2022
Next Scheduled EDR Contact: 02/27/2023
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/01/2022
Next Scheduled EDR Contact: 03/20/2023
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

11011 TORREYANA ROAD
11011 TORREYANA ROAD
SAN DIEGO, CA 92121

TARGET PROPERTY COORDINATES

Latitude (North):	32.905353 - 32° 54' 19.27"
Longitude (West):	117.23661 - 117° 14' 11.80"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	477872.8
UTM Y (Meters):	3640628.5
Elevation:	242 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	11993848 DEL MAR, CA
Version Date:	2018
Northwest Map:	11993850 DEL MAR OE W, CA
Version Date:	2018

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

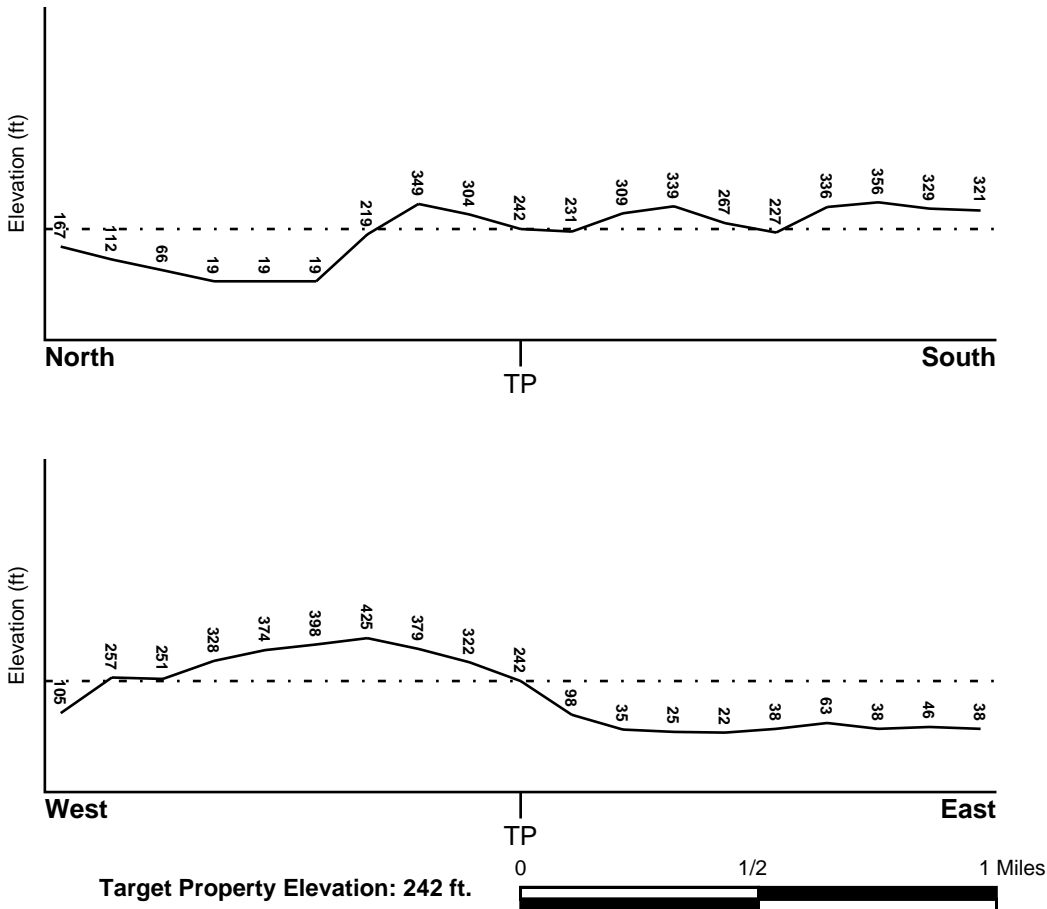
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General East

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06073C1338G	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06073C1317G	FEMA FIRM Flood data
06073C1336G	FEMA FIRM Flood data
06073C1319G	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
DEL MAR	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
1	1/4 - 1/2 Mile WSW	Not Reported
1G	1/4 - 1/2 Mile WSW	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

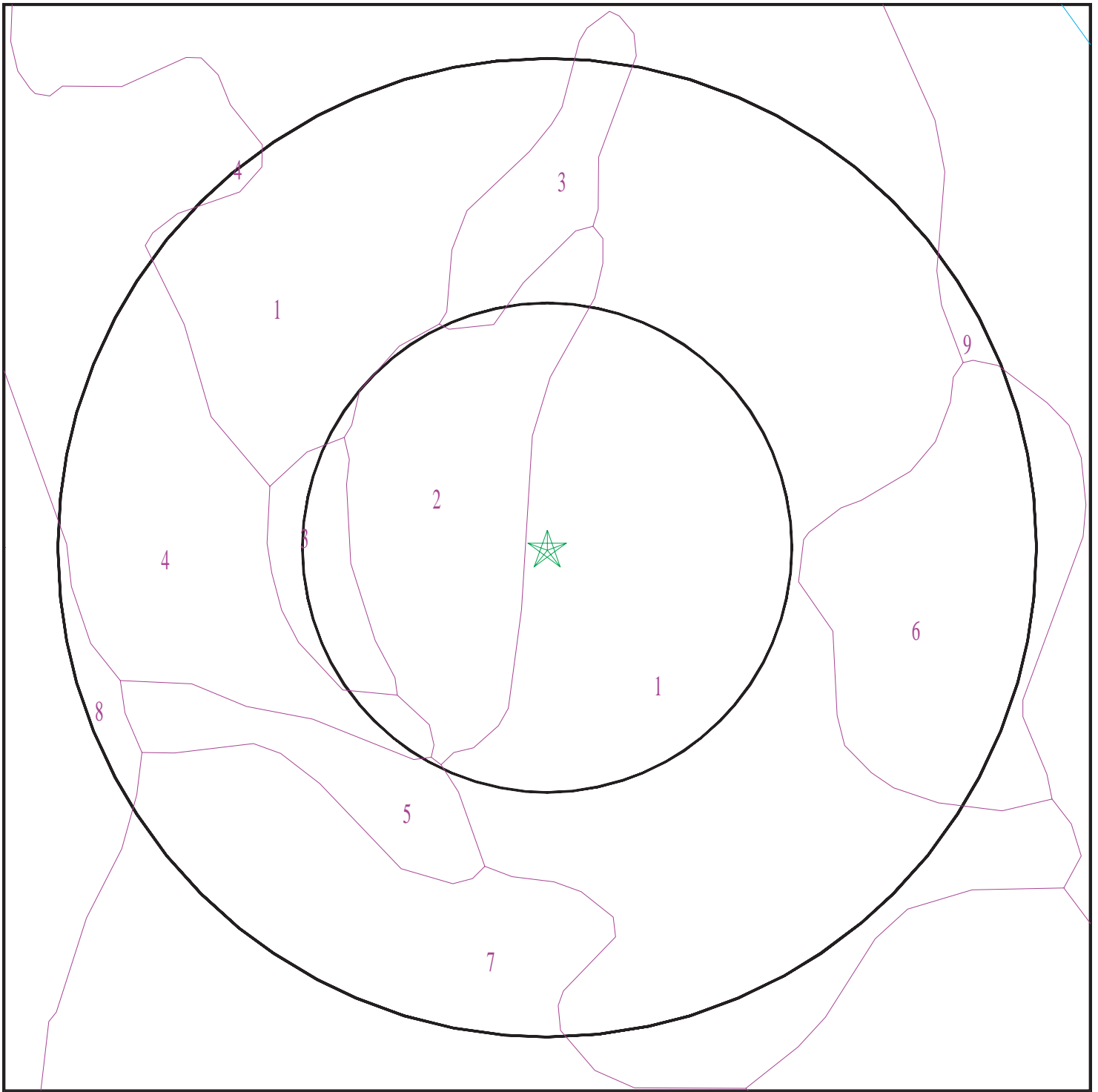
Era: Cenozoic
System: Tertiary
Series: Eocene
Code: Te (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

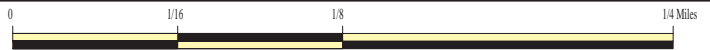
Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 7201541.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: 11011 Torreyana Road
ADDRESS: 11011 Torreyana Road
San Diego CA 92121
LAT/LONG: 32.905353 / 117.23661

CLIENT: Ninyo & Moore
CONTACT: Gabriel Haro
INQUIRY #: 7201541.2s
DATE: December 12, 2022 3:45 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: TERRACE ESCARPMENTS

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	59 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 2

Soil Component Name: LOAMY ALLUVIAL LAND

Soil Surface Texture: variable

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	59 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 3

Soil Component Name: CHESTERTON

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	18 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0 Min: 0	Max: Min:
2	18 inches	33 inches	sandy clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0 Min: 0	Max: Min:
3	33 inches	59 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0 Min: 0	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 4

Soil Component Name: CARLSBAD

Soil Surface Texture: gravelly loamy sand

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	20 inches	gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: Min:	Max: Min:
2	20 inches	33 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: Min:	Max: Min:
3	33 inches	50 inches	indurated	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: Min:	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 5

Soil Component Name: STEEP GULLIED LAND

Soil Surface Texture: variable

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	59 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 6

Soil Component Name: CORRALITOS

Soil Surface Texture: loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6
2	9 inches	42 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6
3	42 inches	72 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6

Soil Map ID: 7

Soil Component Name: MARINA

Soil Surface Texture: loamy coarse sand

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	loamy coarse sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.4
2	9 inches	57 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.4
3	57 inches	59 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.4

Soil Map ID: 8

Soil Component Name: CARLSBAD

Soil Surface Texture: gravelly loamy sand

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	20 inches	gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: Min:	Max: Min:
2	20 inches	38 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: Min:	Max: Min:
3	38 inches	50 inches	indurated	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 9

Soil Component Name: CHINO

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	20 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	20 inches	33 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
3	33 inches	59 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

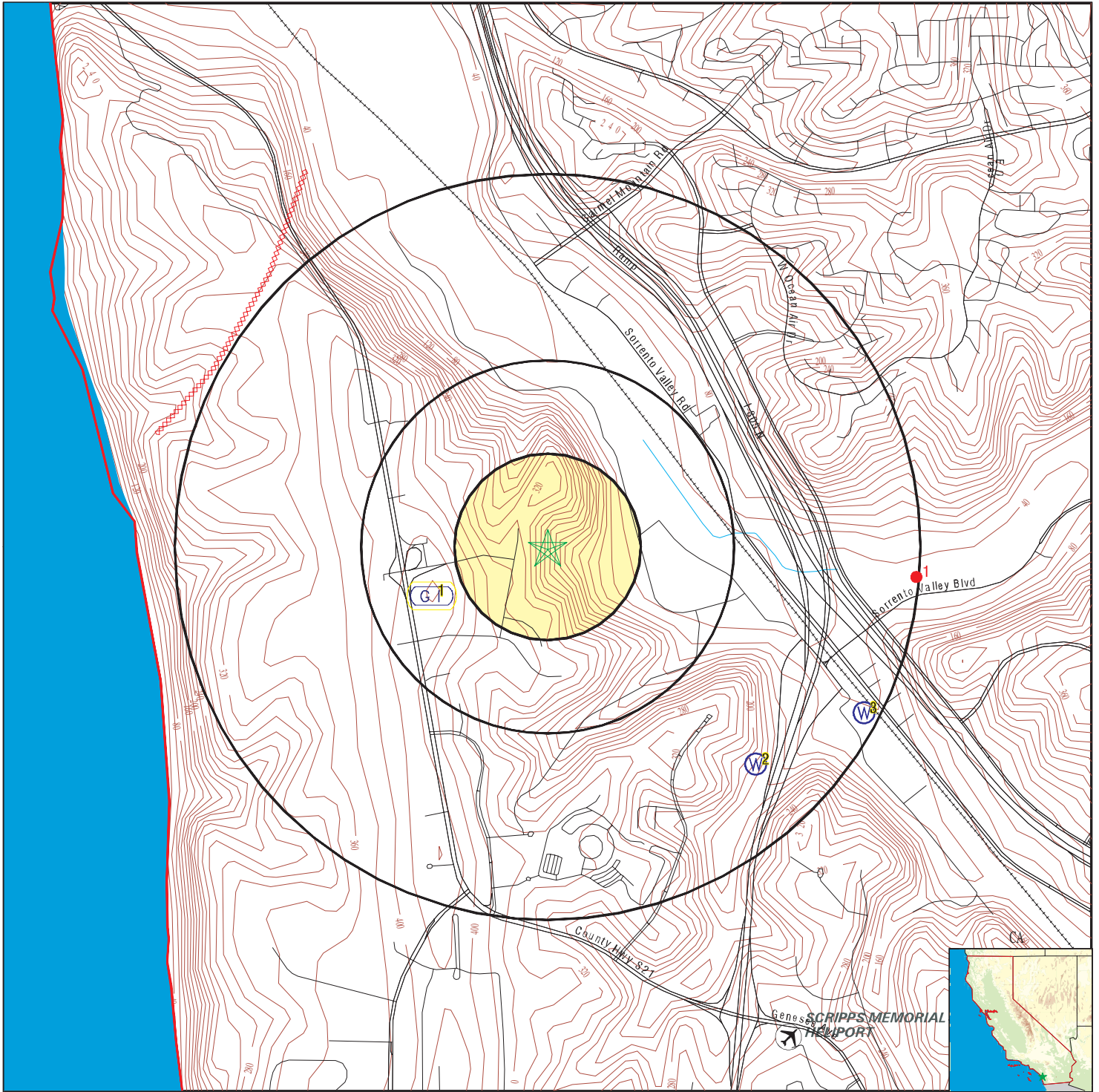
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
2	CADWR0000016049	1/2 - 1 Mile SE
3	CADWR9000000683	1/2 - 1 Mile ESE

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

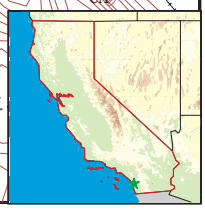
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CAOG14000006711	1/2 - 1 Mile East

PHYSICAL SETTING SOURCE MAP - 7201541.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: 11011 Torreyana Road ADDRESS: 11011 Torreyana Road San Diego CA 92121 LAT/LONG: 32.905353 / 117.23661	CLIENT: Ninyo & Moore CONTACT: Gabriel Haro INQUIRY #: 7201541.2s DATE: December 12, 2022 3:45 pm
---	--

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
East
1/2 - 1 Mile

OIL_GAS CAOG14000006711

API #: 0407300043
Well Status: Idle
Lease Name: Macneece
Area Name: Any Area
Confidential Well: N
Spud Date: Not Reported

Well #: 1
Well Type: Oil & Gas
Field Name: Any Field
GIS Source: hud
Directionally Drilled: N

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92121	6	1

Federal EPA Radon Zone for SAN DIEGO County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SAN DIEGO COUNTY, CA

Number of sites tested: 30

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.677 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.400 pCi/L	100%	0%	0%
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program

State Water Resources Control Board

Telephone: 916-341-5577

The GAMA Program is California's comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Health Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations

Source: Dept of Conservation, Geologic Energy Management Division

Telephone: 916-323-1779

Oil and Gas well locations in the state.

California Earthquake Fault Lines

Source: California Division of Mines and Geology

The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon

Source: Department of Public Health

Telephone: 916-210-8558

Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX D

Regulatory Documentation

From: [DEH, Public Records](#)
To: [Gabriel Haro](#)
Subject: Records Request - 11011 Torreyana Road/APN 340-010-29-00
Date: Monday, December 12, 2022 12:32:04 PM
Attachments: [image003.png](#)
[image004.png](#)
[image005.png](#)

Good Afternoon,

HMD records found for provided address and APN have been uploaded to WeTransfer due to file size. You should receive an e-mail from that website in the next 10 to 30 minutes. If you do not, please check your Spam and Junk folders before contacting me.

There are two (2) SAM cases, LSAM-H14775-001 and LSAM-H14775-002 at the address and APN. If you would like to review those records visit the below link to download the files. All files are in the document library.

New Search Function: Scanned files for closed Site Assessment and Mitigation Program cases and Monitoring Well Program permits can be downloaded directly through the new DEH Document Library at:

<http://www.sandiegocounty.gov/content/sdc/deh/doclibrary/>

You can search by Record ID, APN, address, document category, or keyword.

Thank you,

Edwin C. Andrus

Edwin C. Andrus
Office Support Specialist
DEHQ – ADMIN

Help us make sure our customers have a positive experience. Please take 60 seconds to provide us with your [feedback](#).



From: Gabriel Haro <gharo@ninyoandmoore.com>
Sent: Friday, December 9, 2022 2:39 PM
To: DEH, Public Records <PublicRecords.DEH@sdcounty.ca.gov>
Subject: [External] DEHQ Records - 11011 Torreyana Road

Hello,

Please see attached request.

Thank you,



Gabriel Haro
Staff Geologist
Ninyo & Moore | Geotechnical & Environmental Sciences Consultants
5710 Ruffin Road | San Diego, CA 92123
858.576.1000 (x11271) | 858.752.4729 (Cell)

35+ Years of Quality Service | ninyoandmoore.com





KH

County of San Diego

GARY W. ERBECK
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
LAND AND WATER QUALITY DIVISION

P.O. BOX 129261, SAN DIEGO, CA 92112-9261
619-338-2222/FAX 619-338-2315/1-800-253-8933

www.sdcounty.ca.gov/deh/lwq

April 12, 2006

Ms. Patti Miceli
Biogen Idec, Inc.
11011 Torreyana Road
San Diego, CA 92121

Dear Ms. Miceli:

DEH ASSISTANCE PROGRAM, FILE #H14775-002
FORMER BIOGEN IDEC FACILITY
11011 TORREYANA ROAD, SAN DIEGO, CALIFORNIA

The Department of Environmental Health (DEH), Site Assessment and Mitigation Program (SAM), reviewed the environmental investigation report related to the above-referenced property, prepared by Environmental Business Solutions (EBS) on November 30, 2005, among additional information provided by Biogen Idec, Inc. The report summarizes the site investigation and activities performed at the above-referenced location. Provided that the information presented to DEH/SAM was complete, accurate, and representative of existing site conditions, **this agency concurs that the cleanup goals established for the subject site have been met.**

Please be advised that this letter does not relieve the responsible party of any liability under the California Health and Safety Code or the Porter Cologne Water Quality Control Act.

Changes in the present use of the above site as a research and development building complex may require reevaluation to determine if the change will pose a risk to public health.

Thank you for selecting the Department of Environmental Health as your lead agency to assist you with the progress of your environmental project. Please contact Kent Huth of the Site Assessment and Mitigation Program, at (619) 338-2243, if you require additional assistance.

Sincerely,

GEORGE McCANDLESS, Program Manager
Supervising Environmental Health Specialist
Site Assessment and Mitigation Program

GM:KH:kd

Enclosure

cc: John Anderson, Regional Water Quality Control Board
Chuck Pryatel, EBS
Rob Tomlinson, TSI, L.P.

WP/H14775-002-306DEHCLO

**Case Closure Summary
DEH Assistance Program**

I. AGENCY INFORMATION

DATE: March 16, 2006

Agency Name: County of San Diego, Environmental Health, SAM	Address: P.O. Box 129261
City/State/ZIP: San Diego, CA 92112-9261	Phone: (619) 338-2222 FAX: (619) 338-2377
DEH Staff Person: KENT HUTH	Title: ENVIRONMENTAL HEALTH SPECIALIST

II. CASE INFORMATION

Case No. H14775-002	RWQCB Case No.	
Site Name: FORMER BIOGEN IDEC FACILITY	Site Address: 11011 TORREYANA RD, SAN DIEGO, CA 92121, SAN DIEGO, CA 92121	
Property Owner: ROB TOMLINSON TSI, L.P. (DEL MAR PARTNERSHIP, INC.) 1400 MAIDEN LANE, DEL MAR, CA 92014 TELEPHONE: (858) 519-0072		
Responsible/Requesting Parties BIOGEN IDEC, INC. CONTACT: PATTI MICELI	Address 11011 TORREYANA ROAD SAN DIEGO, CA 92121	Phone Number (858) 451-5161
Type of Case: CORRECTIVE ACTION PROGRAM		
Agency notification of DEH Oversight: DTSC: 12/5/2005 RWQCB: 12/5/2005		

III. SITE CHARACTERIZATION AND/OR INFORMATION

Purpose of Investigation: SPILL, OTHER TYPE OF RELEASE	Substances Investigated: OTHER SUBSTANCES		
Site Characterization complete? YES			
Monitoring Wells Installed? NO	Total Number: 0	Proper Screened Interval? NA	Number of decommissioned wells: 0
Range of groundwater levels on the site? - NA		Groundwater Flow Direction: NA	
Most Sensitive Current Use: Beneficial Groundwater Use: None Designated Existing Beneficial Surface Water Use: IND, REC1, REC2			
Are Drinking Water Wells Affected? NO	RWQCB Basin Number: 906.10 Note 2: Ocean-Miramar Reservoir Hydrologic Area		
Is Surface Water Affected? NO	Nearest Surface Water name: PENASQUITOS CREEK		
Off-Site Beneficial Use Impacts (addresses/locations): NA			
TREATMENT AND DISPOSAL OF AFFECTED MATERIAL			
Material	Amount (Include Units)	Action (Treatment or Disposal)	Date
DRUMS (SOIL)	120 POUNDS	TREAT OFF-SITE	11/5/2002

Non-LOP - Underground Storage Tank Oversight handled outside the LOP
Non-Tank - Voluntary Assistance Program

**Case Closure Summary
DEH Assistance Program**

III. SITE CHARACTERIZATION AND/OR INFORMATION (Continued)

H14775-002

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS	MAXIMUM	REMAINING
See below.		
<p>On December 5, 2005, Voluntary Assistance Case #H14775-002 was opened through the Corrective Action Program in order to assess previous chemical releases at the Site.</p> <p>On June 7, 1999, a total of 5 gallons of Sentol solution, a 37% phosphoric acid and 63% water solution with a pH of 1, was released into the municipal storm drain at the Site. Following this, the storm drain was flushed with a constant flow of water for an hour. pH readings of the water in the storm drain inlet indicated that the solution had been diluted to a pH of approximately 5.5 prior to its release to the municipal storm drain system.</p> <p>On September 10, 1999, a total of 1.5 gallons of hydraulic oil was released to the asphalt parking lot at the Site. The release was contained without a release to any soil on-site or off-site.</p> <p>On October 31, 2002, a total of 2 gallons of Minncare, a 20% hydrogen peroxide and 4% peroxyacetic acid solution with a pH of 1.3, was spilled onto the asphalt at the Site in the are of the south delivery area. The liquid was flushed with water to a storm drain inlet, releasing it to the ground at the south storm drain outfall at the top of the canyon to the east of the Site. A total of 120 pounds of impacted soil was excavated and disposed of offsite at the Ensco facility in El Dorado, California.</p> <p>Based on the small quantities of chemicals released, the lack of impact to groundwater, the non-beneficial use of groundwater in the area, and the remediation that took place following the chemical releases, DEH concurs that no further action is required at the Site.</p>		

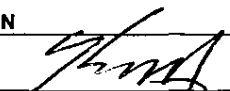
IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? YES
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? YES
Does corrective action protect public health for current land use? YES Case review based on current/proposed use as: INDUSTRIAL - Research and Development Building Complex
Are there other issues DEH needs to follow up on: NA
Site Management Requirements: Any contaminated soil excavated as part of subsurface construction work must be managed in accordance with the legal requirements at that time.
Should corrective action be reviewed if land use changes? NO
List Enforcement Actions Taken: NONE
List Enforcement Actions Rescinded: NONE
Is this account up to date and current? YES

Case Closure Summary
DEH Assistance Program

V. LOCAL AGENCY REPRESENTATIVE DATA

H14775-002

Name: KEVIN HEATON	Title: SENIOR HYDROGEOLOGIST
Signature: 	Date: 3/16/06

VI. RWQCB NOTIFICATION

Date Submitted to RWQCB:	RWQCB Response: NA - VAP	
RWQCB Staff Name:	Title:	Date:

VII. ADDITIONAL COMMENTS, DATA, ETC.

--

This document and the related CASE CLOSURE LETTER, shall be retained by the lead agency as part of the official site file.



Memo

To: EH&S Files
From: Mark Thompson
CC:
Date: 10/26/99
Re: Spill of Hydraulic Fluid in parking lot of 11011 Torreyana Road

- On the morning of 9/10/99 a spill of a petroleum based liquid (probably hydraulic fluid) was discovered in the back parking lot at Torreyana. The spill extended from the maintenance shed to the emergency generator. Circumstantial evidence suggested that the source of the spill was the Pacific Waste Management truck that had been there earlier that morning. The maintenance personnel on-site at the time used their spill response supplies to prevent the fluid from moving towards the storm drain. Pacific was contacted and responded by sending out a clean-up crew. By about noon Pacific had removed all standing liquid. As follow-up I contacted Jack Bracston (278-6061) at Pacific to express my concerns regarding the impact of this incident to our stormwater compliance efforts. I ask him if they were planning on steam cleaning the spill area to remove all residual material. Jack's position was that steam cleaning was not worth the effort due to the low recovery rate of petroleum products from the asphalt. Had the surface been concrete it would have been different and they would have performed steam cleaning. He indicated that Pacific has had to deal with this type of situation before and that both the local Stormwater Office and the Dept. of Health Services concurred that their clean-up methods were sufficient. He agreed to send IDEC a letter to this effect for our files; this letter was received on 9/22 attached).



September 20, 1999

IDEC
Attn: Mark Thompson
3030 Callan Rd.
San Diego, Ca 92121

Per our conversation of September 7, 1999, concerning the hydrolic oil spill in your yard, the approximate amount of spill was 1.5 gallons spread over an asphalt area. This was absorbed by applying two layers of ground-up corn cob which absorbed surface oil. The corn cob was swept up and disposed of; the remainder of the spilled oil was absorbed into the asphalt. This is our standard method of cleaning oil spills and has been approved by Haz Mat...

A handwritten signature in black ink, appearing to read "John E. Broadstock", with a long horizontal flourish extending to the right.

John E. Broadstock
Maintenance Manager

JB/mc



TIERED PERMITTING PHASE I ENVIRONMENTAL ASSESSMENT CHECKLIST

AREA OF CONCERN DATASHEET

Instructions: Complete the following questions in detail for EACH release or suspected release identified in Section III FACILITY WALK-THROUGH INSPECTION - SPECIFIC AREAS or SECTION IV FACILITY WALK-THROUGH INSPECTION - OTHER AREAS and any other known or suspected releases. Do not include areas that have been or are being remediated under the oversight of an appropriate agency. If answers to questions are not known, then state "unknown".

1. Facility name: IDEC Pharmaceuticals Corporation
2. This sheet is being completed for a:
Known release X Suspected release
3. How was this release or suspected release discovered?
During the walk-through inspection? Previously known release? X
What checklist question(s) are related to this release (section/question) Checklist section III
Plant Support Utility Area
4. When did the release occur? 6/7/99
5. What was released and how much? Approximately five gallons of 37% Phosphoric acid.
(Trade name Sentol)
6. What caused the release? Material was being tranfered between containers located in
the plant support utility area.
7. Indicate the approximate area of the release (e.g. 3 feet in diameter, 5 feet X 4 feet.) Unknown
8. Was the release remediated? If YES, explain how. (Note: A datasheet need not be completed for releases remediated or being remediated under the oversight of an appropriate agency. Yes. Maintenance staff employed spill response equipment to control the spill and limit the release. The area was flushed with water.
9. Were samples collected? If yes, what were the results? Samples of water that entered the storm
drain system were collected and tested for pH. The pH was found to be 5.5.
10. List any environmental reports or studies performed on the area of concern and attach copies or summaries of the reports not submitted to the Department.

Name of preparer: Mark Thompson

Title of preparer: Sr. Manager EH&S

Date: 6/10/99

IDEC

Pharmaceuticals Corporation®

To: Chris Burman
From: Mark Thompson *mt*
Date: 6/10/99
Re: Release of Sentol to the Stormwater System at 11011 Torreyana Road
cc. EH&S Files, Bert Van Loon

At 11:30 a.m. on 6/7/99 EH&S was informed that approximately 5 gallons of Sentol had been spilled unto the ground in the utility area, and that this liquid had moved into the storm drain line serving the lower level of the parking structure. Sentol is 37% phosphoric acid and 63% water.

By the time EH&S was notified several members of the maintenance department had already spent 20 minutes attempting to control the spill. Upon initial discovery those employees present had immediately carried out the actions identified as part of IDEC's best management practices for such an event; these actions included determining the source of the spill and shutting it down, notifying EH&S staff, limiting general employee access to the spill area, and closing the valve installed to prevent the release of contaminated storm water off-site into the neighboring canyon.

At the time of the spill it appeared that the material would move to the southern end of the facility, however, it did not, and moved instead to the north where it entered the main stormwater line serving Torreyana Road. Had the liquid moved south it could have been recovered from the sealed line using the pumps and drums available on hand. The control valve installed at the southern end of the facility was installed in preparation for this exact type of event. A control valve at the northern end of the property had not been installed since most industrial activities are concentrated at the other end of the building.

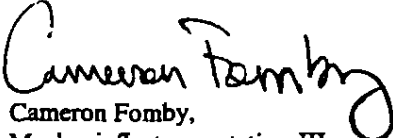
Although there was not sufficient time to prevent a release of material into the storm drain system clean-up operations began immediately on the residual surface contamination. This operation consisted of using a large quantity of clean water to flush the effected drain line; this action was intended to minimize the impact of the acid on the system. Several pH measurements were made at a sump adjacent to the point at which the drain line leaves the property. Based on readings taken at the time the pH of the slug of water released to the storm drain is estimated at 5.5.

The cause of the spill was primarily operator error. Cameron Fomby had left a transfer pump unattended for a moment and the hose fell out of the receiving container (Cameron's report is attached). No injuries occurred as a result of the release, and no adverse environmental impact is expected. No external agencies had to be contacted to assist with clean-up operations. EH&S is currently considering those actions that need to be taken to prevent a similar event from recurring, and will update the storm water pollution prevention plan accordingly. At this time I am recommending the installation of two additional control valves on the storm water lines exiting the property to the North. It should be possible to install one valve in the sump mentioned above and the other on the outfall entering the canyon adjacent to the vivarium.

On the afternoon 6/7/99 phone calls were made to the San Diego County Department of Environmental Health, Hazardous Materials Management Division, the Governor's Office of Emergency Services, and the City of San Diego Storm Water Program in order to verbally report the release. All calls were made between 2 and 3 p.m. Written notification of the incident was submitted today to these same agencies.

To Whom It May Concern,

At approximately 11:00am on Monday, June 7 1999, about 5 gallons of Sentol were accidentally spilled to the city sewer while transferring from one container to another. Large amounts of water were immediately sent to drain after it and after checking the pH at the last point of drain on the property, it was found to be 5.5pH. To avoid such problems in the future, it has been recommended that the end of the working utility yard be bermed up to contain any future spills in the area the chemicals are used.


Cameron Fomby,
Mechanic/Instrumentation III



3030 CALLAN ROAD
SAN DIEGO, CALIFORNIA 92121
619/550-8500 • FAX 619/458-8887

06/10/99

Mr. Peter Neubauer
County of San Diego
Department of Environmental Health, HMMD
1225 Imperial Avenue
P.O. Box 129261
San Diego CA 92112-9261

Dear Peter,

This letter constitutes written follow-up regarding an incident during which approximately 5 gallons of a 37% phosphoric acid/63% water solution was released into a storm drain. This incident occurred at 11011 Torreyana Road, San Diego CA., 92121 at approximately 11 a.m. on 6/7/99. No injuries occurred as a result of the release, and no adverse environmental impact is expected. No external agencies had to be contacted to assist with clean-up operations.

At the time of the incident the employees involved began carrying out the procedures identified as part of IDEC's best management practices for such an event (i.e. immediate determination and shut-down of the source of the spill, notification of EH&S staff, actions taken to limit access to the spill area, and the closing of shut-off valves installed to minimize the release of contaminated storm water). Although there was not sufficient time to prevent a release to the storm drain, clean-up operations began immediately to minimize any impact to the environment. A quantity of clean water was used to flush the effected drain line. Testing for pH was carried out a sump adjacent to the point at which the drain line left the property. Based on readings taken at the time the pH of the material released to the storm drain is estimated at 5.5.

On the afternoon 6/7/99 a phone call was made to your office in accordance with the requirements for verbal notification within 24 hours following any release. In addition to notifying your agency, IDEC contacted the offices of the City of San Diego Storm Water Program, and the Governor's Office of Emergency Services. Written notification will be submitted to all agencies that received verbal notification. IDEC is currently considering those actions that need to be taken to prevent a similar event from recurring, and will update it's storm water pollution prevention plan accordingly. I anticipate that additional correspondence between IDEC and your agency may be required in order to closeout this incident. I may be contacted at (619) 458-8822, Monday through Friday, 9- 5 P.M.

Sincerely,

A handwritten signature in black ink that reads "Mark Thompson". The signature is written in a cursive style with a long horizontal stroke at the end.

Mark Thompson
Sr. Manger, Environmental Health and Safety

IDEC

Pharmaceuticals Corporation

3030 CALLAN ROAD
SAN DIEGO, CALIFORNIA 92121
619/550-8500 • FAX 619/458-8887

06/10/99

Mr. Kirk Whitaker
City of San Diego Storm Water Program
1010 2nd Avenue, Suite 500
San Diego, CA 92101

Dear Kirk,

This letter constitutes written follow-up regarding an incident during which approximately 5 gallons of a 37% phosphoric acid/63% water solution was released into a storm drain. This incident occurred at 11011 Torreyana Road, San Diego CA., 92121 at approximately 11 a.m. on 6/7/99. No injuries occurred as a result of the release, and no adverse environmental impact is expected. No external agencies had to be contacted to assist with clean-up operations.

At the time of the incident the employees involved began carrying out the procedures identified as part of IDEC's best management practices for such an event (i.e. immediate determination and shut-down of the source of the spill, notification of EH&S staff, actions taken to limit access to the spill area, and the closing of shut-off valves installed to minimize the release of contaminated storm water). Although there was not sufficient time to prevent a release to the storm drain, clean-up operations began immediately to minimize any impact to the environment. A quantity of clean water was used to flush the effected drain line. Testing for pH was carried out a sump adjacent to the point at which the drain line left the property. Based on readings taken at the time the pH of the material released to the storm drain is estimated at 5.5.

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Sincerely,



Mark Thompson
Sr. Manger, Environmental Health and Safety



3030 CALLAN ROAD
SAN DIEGO, CALIFORNIA 92121
619/550-8500 • FAX 619/458-8887

06/10/99

Governor's Office of Emergency Services
2800 Meadowview road
Sacramento, CA 95832

Reference: Release Reporting Number 99-24-34

Dear Sir,

This letter constitutes written follow-up regarding an incident during which approximately 5 gallons of a 37% phosphoric acid/63% water solution was released into a storm drain. This incident occurred at 11011 Torreyana Road, San Diego CA., 92121 at approximately 11 a.m. on 6/7/99. No injuries occurred as a result of the release, and no adverse environmental impact is expected. No external agencies had to be contacted to assist with clean-up operations.

At the time of the incident the employees involved began carrying out the procedures identified as part of IDEC's best management practices for such an event (i.e. immediate determination and shut-down of the source of the spill, notification of EH&S staff, actions taken to limit access to the spill area, and the closing of shut-off valves installed to minimize the release of contaminated storm water). Although there was not sufficient time to prevent a release to the storm drain, clean-up operations began immediately to minimize any impact to the environment. A quantity of clean water was used to flush the effected drain line. Testing for pH was carried out a sump adjacent to the point at which the drain line left the property. Based on readings taken at the time the pH of the material released to the storm drain is estimated at 5.5.

On the afternoon 6/7/99 a phone call was made to your office in accordance with the requirements for verbal notification within 24 hours following any release. In addition to notifying your agency, IDEC contacted the San Diego County Department of Environmental Health, Hazardous Materials Management Division, and the City of San Diego Storm Water Program. Written notification will be submitted to all agencies that received verbal notification. IDEC is currently considering those actions that need to be taken to prevent a similar event from recurring, and will update it's storm water pollution prevention plan accordingly. I anticipate that additional correspondence between IDEC and your agency may be required in order to closeout this incident. I may be contacted at (619) 458-8822, Monday through Friday, 9- 5 P.M.

Sincerely,

A handwritten signature in black ink, appearing to read "Mark Thompson".

Mark Thompson
Sr. Manger, Environmental Health and Safety

MATERIAL SAFETY DATA SHEET

QUICK IDENTIFIER

7

E-8:00-5:00 EST-MON-FRI 800-543-4906

MEDICAL (COLLECT) 303-592-1024
CHEMTRAC 800-424-9300

IDEC PHARMACEUTICAL CORP
3030 CALLAN
SAN DIEGO CA 92121

DIVERSEY LEVER INC.
46701 COMMERCE CENTER DR
PLYMOUTH, MI 48170
PREPARED BY: H.S.E.
ON 08/13/96

EMERGENCY PHONE NO.
1-800-831-9889
REFERENCE
8/L# 391515-00

ABBREVIATIONS: C-CEILING, MP-MAXIMUM PEAK, N/A-NOT APPLICABLE, N/K-NOT KNOWN, P-POTENTIAL, PEL-PERMISSIBLE EXPOSURE LIMIT, PM-PENSKY MARTENS, S-SKIN, ST-SHORT TERM, TLV-THRESHOLD LIMIT VALUE, TWA-TIME WEIGHTED AVERAGE.

COMMON NAME USED ON LABEL: **PHOSPHORIC ACID** CODE: **08343**

CHEMICAL FAMILY: **LIQUID ACID CLEANER**

PRINCIPAL HAZARDOUS COMPONENT(S) CHEMICAL & COMMON NAME	%	EXPOSURE LIMITS (TWA 8 HOUR UNLESS OTHERWISE SPECIFIED)	UNITS
PHOSPHORIC ACID (7664-38-2)	37	TLV 1; PEL 1; STEL 3	MG/M3

BOILING POINT: 235 °F VAPOR PRESSURE: 1.23 mmHg @ 20 °C VOLATILE BY VOLUME: 62%
VAPOR DENSITY: N/A SOLUBILITY IN WATER: 100% REACTIVITY IN WATER: NONE

APPEARANCE & ODOR: **RED LIQUID; SLIGHT ACID ODOR**

FLASH POINT: **NONE** °F FLAME EXTENSION: **N/A** in. FLAMMABLE LIMITS: LOWER: **NONE** UPPER: **NONE** AUTO IGNITION TEMPERATURE: **N/A** °F

EXTINGUISHER MEDIA: **CO2, FOAM, DRY CHEMICAL, WATER, WATER FOG**

FIRE FIGHTING: **WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE GEAR TO**

SPECIAL PROCEDURES: **PREVENT SKIN CONTACT WITH ACIDIC SOLUTIONS.**

UNUSUAL FIRE AND EXPLOSION HAZARDS: **STRONG ACIDIC LIQUID**

STABILITY: **STABLE** POLYMERIZATION: **NONE**

INCOMPATIBLE WITH: **CONCENTRATED ALKALIS, SOFT METALS, OR CHLORINATED COMPOUNDS**

DECOMPOSITION PRODUCTS: **PHOSPHORUS OXIDES**

PRIMARY ROUTES OF ENTRY: INHALATION: **YES** SKIN: **YES** INGESTION: **YES**

SIGNS AND SYMPTOMS: **1. ACUTE CAUSES BURNS TO SKIN AND EYES. MISTS CAUSE SEVERE IRRITATION TO SKIN, EYES, AND RESPIRATORY TRACT. PULMONARY EDEMA. CAUSES BURNS TO DIGESTIVE TRACT. HARMFUL IF SWALLOWED.**

SYMPTOMS OF OVEREXPOSURE: **2. CHRONIC SAME AS ACUTE**

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: **SENSITIVE SKIN AND EYES, MAY AGGRAVATE RESPIRATORY DISEASE.**

LISTED CARCINOGEN: **NOT CARCINOGENIC** NTP: **NO** IARC: **NO** OSHA: **NO**

EMERGENCY AND FIRST AID PROCEDURES

- 1. INHALATION REMOVE TO FRESH AIR. IF DIFFICULT BREATHING, SEEK PROMPT MEDICAL ATTENTION.
- 2. EYES IMMEDIATELY FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.
- 3. SKIN IMMEDIATELY FLUSH WITH FRESH WATER, FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHES AND SHOES.
- 4. INGESTION GIVE WATER. DO NOT INDUCE VOMITING. GET PROMPT MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

ON-6 AL TION	RESPIRATORY PROTECTION	USE APPROVED NIOSH/MSHA RESPIRATOR TO MAINTAIN RELATIVELY OR	VENTILATION LOCAL	YES
	FOR POTENTIAL EXPOSURES IF REPEATED OR PROLONGED EXPOSURE.			
	VENTILATION MECHANICAL	NORMAL AIR DILUTION	SPECIAL	NONE
	PROTECTIVE GLOVES	ACID RESISTANT		
ON-7 AL IONS	EYE PROTECTION	GOGGLES WHEN POURING OR SPLASH HAZARD EXISTS		
	OTHER PROTECTIVE CLOTHING/EQUIPMENT	ACID RESISTANT CHEMICAL APRON WHEN HANDLING SAFETY SHOWER/EYE WASH		
	HANDLING AND STORAGE PRECAUTIONS	DO NOT PRESSURE CONTAINER TO EMPTY. KEEP CONTAINER CLOSED. KEEP OUT OF THE REACH OF CHILDREN. WHEN DILUTING, ADD SLOWLY WITH STIRRING TO AVOID VIOLENT SPLATTERING AND HEAT GENERATION.		
ON-8 AL IONS	OTHER PRECAUTIONS	DOT: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S (PHOSPHORIC ACID 8, UN3264, PG III, ERG NO. 60, NAERG #154		
	IF MATERIAL IS RELEASED/SPILLED	DIKE SPILL. VACUUM OR ABSORB WITH CLAY OR SAND. PLACE IN AN APPROPRIATE COVERED CONTAINER. NEUTRALIZE RESIDUE WITH DILUTE ALKALI AND FLUSH TO SANITARY SEWER.		
ON-9 AL IONS	WASTE DISPOSAL METHODS	CERCLA PRODUCT RQ = PHOSPHORIC ACID - 13,158 LBS OR 1,277 GALLONS		
		USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY CONTAINER. TRIPLE RINSE CONTAINER WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE CONTAINER LABEL BEFORE SELLING, DISPOSAL, OR RECYCLE. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. MAY BE TOXIC TO FISH OR AQUATIC LIFE.		

MSR RATING HEALTH 3 FLAMMABILITY 0 REACTIVITY 0 PERSONAL PROTECTION 0

THIS PRODUCT CONTAINS SARA TITLE III, SECTION 313 CHEMICALS: PHOSPHORIC ACID (7664-38-2) AT 37% ALL CHEMICALS ARE LISTED ON THE TSCA INVENTORY.

N/A

Department of Toxic Substances Control

Edwin F. Lowry, Director
5796 Corporate Avenue
Cypress, California 90630



Gray Davis
Governor

Winston H. Hickox
Agency Secretary
California Environmental
Protection Agency

November 08, 2002

MR. RICK GRAHAM
IDEC PHARMACEUTICALS CORPORATION
3030 CALLAN ROAD
SAN DIEGO, CA 92121

FURTHER INVESTIGATION QUESTIONNAIRE IN CONNECTION WITH PHASE I ENVIRONMENTAL ASSESSMENT, FOR IDEC PHARMACEUTICALS CORPORATION, LOCATED AT 11011 TORREYANA ROAD, SAN DIEGO, CALIFORNIA, EPA ID NUMBER CAD981583479.

Dear Mr. GRAHAM:

Enclosed is the Further Investigation Questionnaire in connection with the Phase I Environmental Assessment required pursuant to the California Health and Safety Code section 25200.14.

The Department of Toxic Substances Control (DTSC) received the Phase I Environmental Assessment Checklist (Phase I Checklist) submitted for your facility. The Phase I Checklist indicates that further investigation is needed to determine the existence, nature and extent of hazardous waste contamination at or from your facility.

Please complete the enclosed Further Investigation Questionnaire and submit it to DTSC within 30 calendar days of the date of this letter to the address below:

Department of Toxic Substances Control
Hazardous Waste Management Program
State Regulatory Programs Division
5796 Corporate Avenue
Cypress, California 90630
Attention: Mr. Stephen W. Lavinger, Branch Chief

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our Web-site at www.dtsc.ca.gov.

Printed on Recycled Paper

Further Investigation Questionnaire
Page 2

The completed Further Investigation Questionnaire will facilitate DTSC to evaluate the scope of work for any necessary investigation and/or remediation at your facility. Based on the completed Further Investigation Questionnaire, DTSC may contact you to schedule a site inspection of your facility.

The submission of the Further Investigation Questionnaire does not preclude DTSC from taking any enforcement action against your facility or other necessary action to protect public health or the environment.

If you have any question regarding the Further Investigation Questionnaire, please contact Kian Soleiman at (714) 484-5396.

Sincerely,
Stephen W. Lavinger
Branch Chief
State Regulatory Programs Division
Southern California Branch

Certified Mail
7002 0860 0000 1660 1735
Return Receipt Requested



IDEC Pharmaceuticals Corporation
3030 Callan Road
San Diego, CA 92121

December 2, 2002

Department of Toxic Substances Control
Hazardous Waste Management Program
State Regulatory Programs Division
5796 Corporate Avenue
Cypress, California 90630

Attention: Stephen W. Lavinger, Branch Chief

Subject: Further Investigation Questionnaire in Connection with Phase I Environmental Assessment

The attached questionnaire is submitted as the requested follow up in connection with Phase I Environmental Assessment, for IDEC Pharmaceuticals Corporation located at 11011 Torreyana Road, San Diego CA, EPA ID Number CAD 981583479.

Please do not hesitate to contact me at 858-431-8221 with any questions. Thank you for your assistance in this matter.

Sincerely,

A handwritten signature in cursive script that reads "Sharon Vidal".

Sharon Vidal, CHMM
Sr. Associate I, EH&S

cc: Mark Thompson, IDEC Pharmaceuticals Corporation



Department of Toxic Substances Control

State Regulatory Programs Division (Southern California Region)
5796 Corporate Avenue • Cypress, California 90630
(714) 484-5300 (tel) • (714) 484-5392 (fax)

FURTHER INVESTIGATION QUESTIONNAIRE (FI QUESTIONNAIRE)

Written responses to this questionnaire must be completed prior to a site visit by DTSC. For those questions that are non-applicable, please respond "N/A". For those questions that you do not have a "Yes" or "No" answer, please explain why. If additional pages for response are necessary, please attach them hereto and reference the appropriate question number. This document and your written response will be an attachment to the Phase I Environmental Assessment Inspection Report.

Site/Facility Name: IDEC PHARMACEUTICALS CORPORATION

Address: 11011 TORREYANA Rd EPA ID: CAD 981 583 479

City/State: SAN DIEGO, CA 92121 Date: 12/2/02

Key Site Contact: SUARON VIDAL
Telephone: 858-431-8221
Fax: 858-431-8174

PLEASE DO NOT WRITE IN THE BOXED AREA BELOW - FOR DTSC USE ONLY

Project Manager:
Site Code:

PART I

A. GENERAL

PREPARER

1. Name, title and telephone number of person completing this questionnaire. The Preparer should have thorough knowledge of daily operations and history of the site/facility with regards to environmental practices, such as the owner/operator, plant manager, environmental manager, environmental health and safety officer, environmental consultant, etc.:

SHARON VIDAL, CHMM
Name

858-431-8221
Telephone Number

SENIOR ASSOCIATE I, EHS
Title

Sharon Vidal
Signature

2. What is the preparer's job duty?

ENVIRONMENTAL PROGRAM MANAGEMENT

3. How long has the preparer been with the site or facility? If less than five (5) years, who held the position previously and provide contact number and address?

<u>SHARON VIDAL</u>	<u>11 MONTHS</u>	<u>858-431-8221</u>	} <u>3030 CALLAN Rd</u> <u>SAN DIEGO, CA 92121</u>
<u>RICK GRAHAM</u>	<u>2 YEARS</u>	<u>858-431-8950</u>	
<u>MARK THOMPSON</u>	<u>10 YEARS</u>	<u>758 931-8822</u>	

B. PROPERTY DESCRIPTION & ANALYSIS

1. Land

a. Size of Parcel? 10.24 Acres

b. Shape of Parcel?

- Rectangular Irregular Circular
 Square Triangular Irregular

B. PROPERTY DESCRIPTION & ANALYSIS - continued

- c. Are there any buildings or other improvements on the site prior to the existing improvements?

Yes No

What are they?

- Are any portions of the improvements remaining?

Yes No

If yes, please describe.

- d. Are you in possession of any title report, survey, historical photo or map for the site?

Yes No

If yes, please provide a copy of same and list below.

- e. Does any person or company, other than the owner, occupy the entire site or a portion of the site?

Yes No

If yes, please provide a detailed list (to include but not limited to name, address, and type of operation).

- f. Is there any open surface water or wetland area on, adjacent, or within one mile of the site or any indication that there is a high water table?

Yes No

If yes, where?

R. PROPERTY DESCRIPTION & ANALYSIS - continued

g. Is the site next to a storm drainage ditch or concrete lined storm water ditch? Yes No

If yes, where?

SOUTHERN BOUNDARY OF FACILITY - CANYON SIDE

h. Is there a well on the site? Yes No

(If more than one well is known to exist on the site, please answer the "If yes" questions in section g for each individual well on a separate sheet of paper. In addition, if boring logs are available, please attach them to the questionnaire.)

If yes,

1. What is the depth of the well?

2. What type of well is it:

- Drinking Water
- Irrigation
- Monitoring
- Dry Well
- Others

Please Specify:

3. Is this well the primary source of drinking water? Yes No

B. PROPERTY DESCRIPTION & ANALYSIS - continued

4. Is there a contaminant in the well that is in excess of any applicable governmental guidelines or thresholds (i.e. Maximum Contaminant Levels)? Yes No

If so, please explain the contaminant(s) with respect to the governmental guidelines.

- i. Is or has the site or any adjoining property been used for industrial purposes (i.e. plating), or as a gasoline station, auto repair shop, junkyard, dry cleaner, or landfill? Yes No

If yes, please explain.

PHARMACEUTICAL INDUSTRY

- j. Has fill of unknown origin or from a contaminated site been brought onto the site? Yes No

- k. Is there currently or has there previously been waste storage treatment or disposal units, areas, pits, ponds, or lagoons on or adjacent to the site? Yes No

If yes, please explain and list.

2. Improvements (Buildings) - This includes all buildings

- a. Describe the size (square footage) of the existing buildings.

70,700 square feet 2 story /light industrial building with an attached parking structure.

- b. How old are the buildings?

1981

PROPERTY DESCRIPTION & ANALYSIS - continued

c. Has there been any additions/renovations? Yes No

If yes, when?

1998

d. Who provides the following utilities?

Water:

CITY OF SAN DIEGO

Sanitary Sewer:

CITY OF SAN DIEGO

Storm Drainage:

CITY OF SAN DIEGO

Natural Gas:

SDG&E

Electricity:

SDG&E

Fuel:

SDG&E

d. Does the site contain an oil or gas-fired boiler or furnace? Yes No

If so, what is the fuel type?

f. Is there a floor drain on the site? Yes No

If so, where does it discharge to?

INTERNAL NEUTRALIZATION TANK → SAMPLING PORT →
SANITARY SEWER

B. PROPERTY DESCRIPTION & ANALYSIS - continued

3. Previous Studies

Do you have any knowledge of any previously prepared environmental assessment report or testing conducted on the site, whether it is for the owner or others?

Yes No

If so, who prepared such report(s), when were they prepared, and who conducted testing, if any?

1992 PREPARED BY APPLIED GEOSCIENCES, INC.

4. Map

Please provide a scaled detailed map of the site.

SEE ATTACHED

REGULATORY

1. Is or has the site been subject to any enforcement action brought by a local, state or federal agency regarding environmental violations? Yes No

If so, please explain.

2. Has there been any formal or informal citizen complaints such as complaints of respiratory distress regarding the site? Yes No

If so, please explain.

3. Is or was the site listed in any of the following environmental databases?
- a. Federal National Priorities List (NPL) Yes No
 - b. Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) Yes No
 - c. Federal Resource Conservation and Recovery Act (RCRA) Treatment, Storage, and Disposal (TSD) Facilities List Yes No
 - d. Federal RCRA Generators List (RCRIS-SQG and RCRIS-LQG) Yes No
 - e. Corrective Action Tracking System (CORRACTS) Yes No
 - f. Federal Emergency Response Notification (ERNS) List Yes No
 - g. Cal-Sites Yes No
 - h. California State Landfills or Solid Waste Facilities (SWIS) Yes No
 - i. California Hazardous Material Incident Report (CHMIRS) Yes No
 - j. Underground Storage Tank (UST) and Facility Inventory Database Sites Yes No
 - k. Leaking Underground Storage Tanks (LUSTs) Yes No
 - l. Facility Index System (FINDS) Yes No

C. REGULATORY - continued

- m. Toxic Chemical Release Inventory System (TRIS) Yes No
- n. Proposition 65 Notification (Notify 65) Yes No
- o. Other(s) _____

4. Is the site currently conducting an environmental investigation or environmental remediation activity under the oversight of any local, state, or federal agency? Yes No

If yes, please list, identify the lead agency(ies), and describe activities.

5. Does the site have a NPDES (National Pollutant Discharge Elimination System) permit issued by the California Regional Water Quality Control Board? Yes No

If yes, when was it issued?

SITE COMPLIES WITH STATE STORMWATER GENERAL PERMIT

6. Is any neighboring property engaged in the treatment, storage, transportation, transfer or disposal of hazardous waste, or chemicals? Yes No

If yes, identify name of site and address.

AURORA
TORREYANA RD.
SAN DIEGO, CA 92121

Wastewater Treatment Unit(s)

1. Does or did the site have wastewater treatment unit(s)?

Yes No

If so, please describe the unit(s) in detail and attach a diagram or drawing of the treatment process. In addition, please attach a scaled map of the site indicating the location(s) or past location(s) of the treatment unit(s)? Please indicate in detail the hazardous waste you are treating.

SITE CONTAINS WASTEWATER NEUTRALIZATION UNIT FOR
THE CONTROL OF PH.

SEE ATTACHED MAP.

D. Wastewater Treatment Unit(s) - continued

2. Is the unit(s) permitted?

Yes No

If so, what type of permit(s) do you have for the unit(s)?

*NOT APPLICABLE
- PHARMACEUTICAL EXCEPTIONS
TO TIER PERMITTING*

- | | <u>Quantity</u> |
|---|-----------------|
| a. <input type="checkbox"/> Permit by Rule (PBR) | _____ |
| b. <input type="checkbox"/> Conditionally Authorized (CA) | _____ |
| c. <input type="checkbox"/> Conditionally Exempt(CE) | _____ |

If a unit is no longer in use or has been closed, please indicate the former unit's permit type and status below.

3. What is the volume of wastewater treated per day and per year for each unit?

35,000 gallons per day

4. Is or was the wastewater treatment unit connected to the municipal sewer system with proper discharge permits from the sewage treatment agency (i.e. Sanitation Districts)?

Yes No

If no, is or was the treated effluent, sludge, or other byproducts hauled offsite?

Yes No

If no, is or was the treatment unit a closed loop system (i.e. ion exchange system)?

Yes No

If no for all questions listed above (within question 4), please explain the final disposal methods for your wastewater treatment effluent, sludge, and other byproducts?

5. Is or was cyanide treated on-site?

Yes No

If so, did or does your site/facility have authorization from DTSC to treat cyanide, such as a Cyanide Treatment Consent Order?

Yes No

Wastewater Treatment Unit(s) - continued

6. Has your site/facility ever been cited for violations and/or penalized by the local sanitation district/agency? Yes No

If so, please describe in detail and provide all information with respect to the violation and/or enforcement action.

7. Are or were clarifiers or sumps located on the site? Yes No

If so, please describe in detail where the clarifiers or sumps are or were located on the site, and please describe in detail the clarifiers or sumps history and use. In addition, please provide a scaled detailed map of the locations of the clarifiers or sumps.

E. Plating Operations

1. Does or did your site include plating operations?

Yes No

If so, please explain the different types of plating conducted at your site and provide a detailed description of your plating operations. In addition, please provide a scaled detailed map of the plating operations.

Plating Operations - continued

2. Is or was your plating operation conducted within secondary containment?

NA Yes No

3. Are you or any other company employees aware of any unauthorized release to the ground surface or subsurface with respect to the plating operations?

NA Yes No

If so, please explain in detail the unauthorized release. Please indicate the type of release (including chemical name), extent of the release, duration of release, and clean-up procedures that were used to address the release.

NA

E. Plating Operations - continued

4. How long has the plating operation been conducted at the current location?

NA

5. Has plating/metal finishing process ever been conducted anywhere else on the site besides the current location?

NA Yes No

If so, please describe the different types of plating that were conducted at this former location and provide a detailed description of the former plating operations. In addition, please provide a scaled detailed map of the former plating operations.

F. PCBs

- 1. Is there any on-site electrical transformer? Yes No
- 2. Does any of these transformers contain PCBs? Yes No

Who owns these transformers and where are they located?

- 3. Did any on-site transformer once contain PCBs, but was later replaced with coolant? Yes No
- 4. Is there any hydraulic equipment on-site? Yes No

G. STORAGE TANKS

- 1. Is there any registered or unregistered (active or inactive) Underground Storage Tank(s) ("UST") or Aboveground Storage Tank(s) ("AST") located on the site? Yes No
- If so, please fill out the following:

Location	Size (Gallons)	AST or UST	Product or Haz Waste Type	Age	Date Last Tested	Registered w/ Local Agency (Y/N)	Active or Inactive

Note: If more space is needed, please provide additional sheets with the same information as listed above.

- 2. Do you have any knowledge of any tanks and associated piping that once existed on the site, and whether such tanks were removed or abandoned? Yes No

If so, by whom, when, and type of tank(s)?

G. STORAGE TANKS - continued

3. Has any of the existing in-use tank(s) been tested to determine whether any leakage has occurred? NA Yes No

If so, when?

4. Is there any pipe or UST access way protruding from the ground, retaining walls or buildings? NA Yes No

H. HAZARDOUS MATERIALS

Note: The term Hazardous Materials includes hazardous waste, hazardous constituents, hazardous chemical, hazardous substances, and hazardous product.

1. Is any hazardous material stored on-site and/or used for any manufacturing process, automotive repair or for pest control (pesticides)? Yes No

If so, please provide the following information (please attach separate page if more space is required) or attach a copy of your Hazardous Material Inventory Plan for the site/facility.

Hazardous Materials	Quantity	Location
SEE ATTACHED INVENTORY		

2. Is there detectable sign of any of the following on the site?
- Underground Storage Tanks
 - Stained Soil
 - Vegetation Damage
 - Oily Sheens on Water
 - Discarded Batteries
 - Clarifiers/Sumps
 - PCBs
 - Oil/Gas Drums
 - Above Ground Tanks
 - Asbestos
 - Debris Pile
 - Other _____

HAZARDOUS MATERIALS - continued

3. Does or did any of the following operations take place on the site?
- | | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | <u>Currently</u>
<input type="checkbox"/> |
|--|------------------------------|--|--|
| • Dry Cleaning: | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • Battery Storage/Sales: | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • Paint Storage/Sales: | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • Petroleum Storage/Sales: | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • Photo or X-Ray Finishing: | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • Electronic Equipment
Assembly or Manufacturing: | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • Solvent Storage/Sales: | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • Chemical Manufacturing/Sales: | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • Automobile Storage, Repair,
or Disposal: | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • Agriculture: | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • Medical or Dental Offices: | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • Plating | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | <input type="checkbox"/> |

If yes, please describe:

4. Is, or has any adjoining sites been used for any of the operations listed in question 3? Yes No

If yes, please list and explain all known activities:

H. HAZARDOUS MATERIALS - continued

5. Is there any hazardous or medical waste or fluid generated or used on the site that is picked up or removed periodically by an outside service? Yes No

If so, provide name, address, & telephone number of the disposal service and the type of facility generating the waste.

PWN ENVIRONMENTAL
P) 760-727-6120
2462 C Santa Santa Fe
Vista, CA 92084

6. Please provide all available information from your records including, but not limited to, documentation in connection with any pending legal proceeding or litigation with respect to environmental liability, environmental permits and permit applications, underground and above ground tank registration and information (including removal and testing of such tanks), spill information, compliance information and programs.

NA

PART II

A. RELEASE DETAILS

1. Are you aware of any release of hazardous materials at the site? Yes No

2. Identify all past or known releases below:
2 gal MINNABE (ACID SOLUTION) SPILLED IN LOADING DOCK AREA.
2 CONTAINERS DROPPED AND BROKE OPEN.

If more than one (1) release is known, please answer the remaining questions in this section for each identified release.
(Attach responses for each known release.)

3. When did the release occur? (date/month/year) 10/31/02

4. What phase of the operation best describes the source of the release?
 Receipt of raw materials
 Chronic manufacture losses
 Incident
 Waste handling
 Treatment Units/Process
 Other

Briefly describe:
2 x 1 gal CONTAINERS DROPPED OFF THE SECONDARY CONTAINMENT CART AND BROKE OPEN.

5. What was the form of the release (check all that are applicable)?
 vapor/gas
 liquid
 solid
 sludge

6. What medium(s) of the environment was impacted (check all that are applicable)?
 soil
 air
 surface water [stormwater river/stream ocean pond/lake]
 groundwater

A. RELEASE DETAILS - continued

7. Which of the following actions have occurred (check all that are applicable)?
- No action to date
 - Emergency response
 - Evaluation by in-house personnel or contractors without agency oversight
 - Evaluation with agency oversight

Please list agencies and contractors involved in action taken:

NOTIFICATION TO DES AND SAN DIEGO COUNTY DEPT OF ENV. HEALTH

8. Was hazardous waste generated during the release or response action?
- Yes
 - No

If yes, what was the fate of the hazardous waste:

- Manifested offsite
- Treated How? _____
- Disposed without manifest or treatment
- Currently stored on site Where? _____
- Currently stored off site Where? _____

9. Was any report or document produced in connection with the release?
- Yes
 - No

If yes, please list (include title/subject, author, and date):

FOLLOW UP WRITTEN REPORT TO DES AND SD COUNTY DEPT.
AUTHOR: PETE KEXKER, IDEC LOSS CONTROL ASSOCIATE

10. Has any change been implemented to prevent or mitigate similar future releases?
- Yes
 - No

Briefly explain:

REFRESHER TRAINING ON HANDLING HAZARDOUS MATERIALS
REFRESHER TRAINING ON SPILL CLEAN UP PROCEDURES
REVIEW SECONDARY CONTAINMENT DURING TRANSPORT OF MATERIALS

RELEASE DETAILS - continued

11. Which of the following best describes the hazardous materials involved in this release?

- Toxic
- Flammable
- Reactive
- Corrosive

12. Are the chemical(s)/compound(s) proprietary?

- Yes
- No

13. Are ~~Material~~ Safety Data Sheets (MSDS) available?

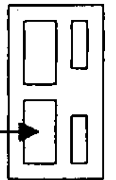
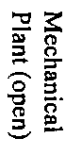
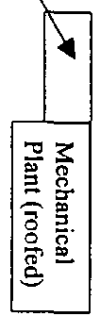
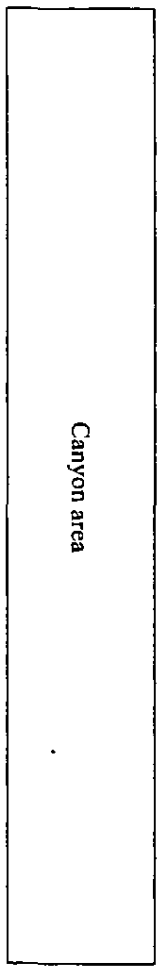
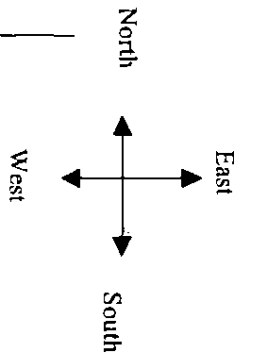
- Yes
- No

14. Is the described release impacted by other contamination sources?

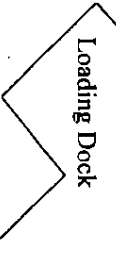
- Yes How? _____
- No

If yes, are any of these impacts from offsite sources?

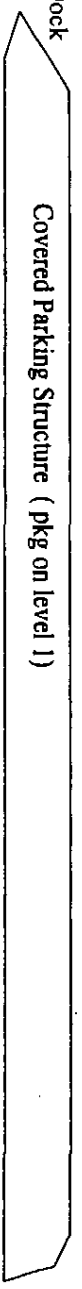
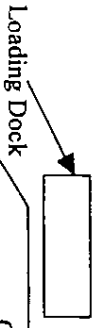
- Yes
- No



Two story Main Building

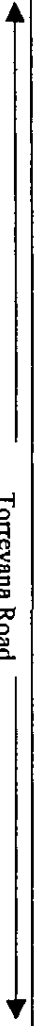


Utility Yard Area (Covered)



Facility Boundary Lines

Torrejana Road



Chemical Inventory

CHEMICAL NAME	CAS	CLASSIFICATION	PROPERTIES	Flashpoint, LD50, Ph	MAXIMUM QUANTITY STORED ON PREMISES	MAXIMUM QUANTITY USED PER YEAR	LOCATION
2-(N-MORPHOLINO), ETHANESULFONIC ACID	4432-31-9	Irr			500 grams	500 grams	244/255
2,2'-AZINO-BIS(3-ETHYLBENZ- THIAZOLINE-6-SULFONIC ACID)	30931-67-0	Irr			25 grams	25 grams	244/255
2,6,10,14 TETRAMETHYL PENTADECANE	1921-70-6	CL-3B, Irr			500ml	500 ml	109
2-MERCAPTOETHANOL	64-24-2	CL-3A, Highly Toxic, Irr	163 F		50 ml	50 ml	155
2-PROPANOL	67-63-0	FL-1B, Irr	53 F		8 Liters	8 Liters	155
2-PROPANOL	67-63-0	FL-1B, Irr	53 F		1 Liter	1 Liter	257
5-SULFOSALICYLIC ACID	5965-83-3	Irr			500 grams	500 grams	244/255
ACES	7365-82-4	Irr			25 grams	25 grams	244/255
ACETIC ACID GLACIAL	64-19-7	CL-2, Corr-L	103		14.5 Liters	14.5 Liters	155
ACETIC ACID GLACIAL	64-19-7	CL-2, Corr-L	103		120 Liters	120 Liters	Manu. 310
ACETONE	67-64-1	FL-1B, Irr	minus 4 F		12 Liters	12 Liters	155
ACETONITRILE	75-05-8	FL-1B, Irr	36 F		64 Liters	2000 Liters	155
ALBUMIN, BOVINE	9048-46-8	OHH			100 grams	100 grams	155
AMMONIUM ACETATE	631-61-8	Irr			100 grams	100 grams	155
AMMONIUM ACETATE	631-61-8	Irr			500 grams	500 grams	244/255
AMMONIUM BICARBONATE	1066-33-7	Irr			500 grams	500 grams	244/255
AMMONIUM CHLORIDE	12125-02-9	Irr			1 Kg	1 Kg	155
AMMONIUM CHLORIDE	12125-02-9	Irr			500 grams	500 grams	244/255
AMMONIUM CITRATE	3012-65-5	Irr			500 grams	500 grams	155
AMMONIUM FORMATE	540-69-2	Irr			500 grams	500 grams	155
AMMONIUM PERSULFATE	7727-54-0	Oxidizer 1 Solid, Irr, Sensitizer			25 grams	25 grams	244/255
AMMONIUM PHOSPHATE, DIBASIC	7783-28-0	Corr-S, Irr			500 grams	500 grams	155
AMMONIUM PHOSPHATE, MONOBASIC	7722-76-1	Irr			50 grams	50 grams	155
AMMONIUM SULFATE	7783-20-2	Irr	2840 mg/Kg		1 Kg	1 Kg	155
AMMONIUM THIOCYANATE	1762-95-4	Irr, OHH			125 grams	125 grams	244/255
ARGON	7440-37-1	Comp Gas			83 ft3	83 ft3	157
BARIUM CHLORIDE	10361-37-2	Toxic, Irr			625 grams	625 grams	244/255
BARIUM HYDROXIDE 8- HYDRATE	12230-71-6	Highly Toxic			125 grams	125 grams	244/255
BENZOIC ACID	65-85-0	CL-3B, OHH, Irr	250 F		500 grams	500 grams	155
BICINCHONINIC ACID	X-CF				25 grams	25 grams	155
BORIC ACID	10043-35-3	Irr, OHH	N/a		3.7 Kg	3.7 Kg	155
BORIC ACID	10043-35-3	Irr, OHH	N/a		1.5 Kg	1.5 Kg	244/255

BORIC ACID	10043-35-3	Irr, OHH	N/a	12 Kg	12 Kg	Manu. 310
BROMOPHENOL BLUE	115-39-9	Irr		10 grams	10 grams	244/255
CALCIUM CARBONATE	471-34-1	Irr		125 grams	125 grams	244/255
CALCIUM CHLORIDE	10035-04-8	Irr		1.5 Kg	1.5 Kg	155
CALCIUM CHLORIDE	10035-04-8	Irr		500 grams	500 grams	244/255
CALCIUM HYDROXIDE	1305-62-0	Corr-S		500 grams	500 grams	244/255
CAPRYLIC ACID	1984-06-1	OHH	N/a	500 grams	500 grams	155
CARBON DIOXIDE	124-38-9	Comp Gas	LD50 90ml/kg	230 ft3	230 ft3	157
CD CHO 50X conc. Acid Solubles	7647-01-0	Corr-L, OHH		433 Liters	433 Liters	Manu. 310
CHELEX 100 RESIN	68954-42-7	Irr		100 grams	100 grams	244/255
CHLORINE BLEACH (Sodium Hypochlorite)	7681-52-9	Corr-L		24 gal.	24 gal.	Manu. 310
CHOLESTEROL	57-88-5	Irr		500 grams	500 grams	155
CHOLIC ACID	81-25-4	Irr, OHH		100 grams	100 grams	155
CITRIC ACID, ANHYDROUS	77-92-9	Irr	6730 mg/Kg	500 grams	500 grams	155
CITRIC ACID, ANHYDROUS	77-92-9	Irr	6730 mg/Kg	500 grams	500 grams	244/255
CITRIC ACID, MONOHYDRATE	5949-29-1	Irr	6730 mg/Kg	1 Kg	1 Kg	155
COBALT SULFATE, 7-HYDRATE	10026-24-1	Sensitizer, Irr		500 grams	500 grams	244/255
CUPRIC SULFATE	7758-99-8	Toxic, Irr, OHH	960 mg/Kg	1 Kg	1 Kg	155
CUPRIC SULFATE	7758-99-8	Toxic, Irr, OHH	960 mg/Kg	125 grams	125 grams	244/255
DECON-AHOL (ETHANOL)	64-17-5	FL-1B, Irr, OHH		6.9 Liters	6.9 Liters	156
DEOXYCHOLIC ACID	145224-92-6	Irr, OHH		100 grams	100 grams	155
DEXTROSE	50-99-7	Irr		2.5 Kg	2.5 Kg	155
DEXTROSE ANHYDROUS	50-99-7	Irr		170 Kg	170 Kg	Manu. 310
DIPHENYLAMINE	122-39-4	Irr		125 grams	125 grams	244/255
DTPA	67-43-6	Irr		10 grams	10 grams	244/255
EDTA	6381-92-6	Irr, OHH, Carcinogen		500 grams	500 grams	155
EDTA	6381-92-6	Irr, OHH, Carcinogen		500 grams	500 grams	244/255
EDTA	60-00-4	Irr		72 Kg	72 Kg	Manu. 310
EDTA, TETRASODIUM DIHYDRATE	10378-23-1	Irr, OHH, Carcinogen		1.5 Kg	1.5 Kg	155
EDTA, TETRASODIUM DIHYDRATE	10378-23-1	Irr, OHH, Carcinogen		500 grams	500 grams	244/255
ERIOCHROM BLACK POWDER	1787-61-7	Irr		25 grams	25 grams	244/255
ETHANOLAMINE	141-43-5	CL-3B, Corr-L, Irr	185 F	1 Liter	1 Liter	155
ETHYL ALCOHOL	64-17-5	FL-1B, Irr, OHH	72 F	44 Liters	44 Liters	155
ETHYL ALCOHOL	64-17-5	FL-1B, Irr, OHH	72 F	930 Liters	20,000 Liters	Manu. 310
EUTHANASIA SOLN	X-CF	Toxic		500 ml	500 ml	103A
FERRIC AMMONIUM CITRATE	1185-57-5	Irr, OHH		500 grams	500 grams	155
FERRIC NITRATE	7782-61-8	Oxidizer		500 grams	500 grams	155
FERROUS SULFATE	7782-63-0	Irr		500 grams	500 grams	155
FORMALDEHYDE	50-00-0	CL-2A, Corr-L, Highly Toxic, Irr, Sensitizer, Carcinogen, OHH		12 Liters	12 Liters	155

FORMALIN	50-00-0	CL-3A, Corr-L, Highly Toxic, Irr, Sensitizer, Carcinogen, OHH		6 Liters	10 Liters	114
FORMALIN	50-00-0	CL-3A, Corr-L, Highly Toxic, Irr, Sensitizer, Carcinogen, OHH		500 ml	500 ml	156
GELATIN	9000-70-8	FI-1A		1 Kg	1 Kg	244/255
GENTAMICIN SULFATE	1405-41-0	Toxic, Irr, OHH	LD50 5gm/kg	5 Kg	5 Kg	Manu. 310
GLYCEROL	56-81-5	CL-3B, OHH	320 F	500ml	500ml	155
GLYCEROL	56-81-5	CL-3B, OHH	320 F	500 ml	500 ml	244/255
GLYCEROL	56-81-5	CL-3B, OHH	320 F	2 Liters	2 Liters	Manu. 310
GLYCINE	56-40-6	Irr		2 Kg	2 Kg	155
GLYCINE	56-40-6	Irr		1 Kg	1 Kg	244/255
GLYCINE	56-40-6	Irr		12 Kg	12 Kg	Manu. 310
GUANIDINE	50-01-1	Toxic, Irr, OHH		5.5 Kg	5.5 Kg	155
GUANIDINE	50-01-1	Toxic, Irr, OHH		500 grams	500 grams	244/255
HEPES	7365-45-9	Irr		600 grams	600 grams	155
HEPES	7365-45-9	Irr		2 Kg	2 Kg	Manu. 310
HYDROCHLORIC ACID	7647-01-0	Corr-L, OHH	pH 2	11.5 Liters	11.5 Liters	155
HYDROCHLORIC ACID	7647-01-0	Corr-L, OHH	pH 2	40 Liters	100 Liters	244/255
HYDROCHLORIC ACID	7647-01-0	Corr-L, OHH	pH 2	326 Liters	7000 Liters	Manu. 310
HYDROGEN PEROXIDE	7722-84-1	Oxidizer 2		500 ml	500 ml	244/255
HYDROXLAMINE HYDROCHLORIDE	5470-11-1	Corr-S, Unstable Reactive Solid, Irr, OHH, Sensitizer	408 mg/Kg	125grams	125grams	244/255
HYDROXYNAPHTHOL BLUE	63451-35-4	Toxic, Irr		30 grams	30 grams	244/255
IMIDAZOLE	288-32-4	Irr	220 mg/Kg	750 grams	750 grams	155
IMMUNOPURE HABA	1634-82-8	Irr, OHH		10 grams	10 grams	244/255
INTEREST/POTASSIUM HYDROXIDE	1310-58-3	Corr-L, Irr, OHH	pH 2		7500 Liters	Manu. 310
ISOPROPYL ALCOHOL	64-17-5	FL-1B, Irr	54 F	7 Liters	7 Liters	156
L-ASCORBIC ACID	50-81-7	Irr		500 grams	500 grams	155
L-CYSTEINE	52-90-4	Irr		25 grams	25 grams	244/255
LEAD NITRATE	10099-74-8	Oxidizer, OHH		125 grams	125 grams	244/255
L-GLUTAMINE	56-85-9	Irr		100 Kg	100 Kg	Manu. 310
L-HISTIDINE	71-00-1	Irr		200 grams	200 grams	155
MAGNESIUM ACETATE	16674-78-5	Irr, OHH		1 Kg	1 Kg	155
MAGNESIUM CHLORIDE HEXAHYDRATE	7791-18-6	Irr		2 Kg	2 Kg	155
MAGNESIUM CHLORIDE HEXAHYDRATE	7791-18-6	Irr		500 grams	500 grams	244/255
MAGNESIUM SULFATE	7487-88-9	OHH		2 Kg	2 Kg	155
MALTOHEPTAOSE	34620-78-5	Irr		50 grams	50 grams	244/255
MANITOL	69-65-8	Irr		1 Kg	1 Kg	155
MERCURIC CHLORIDE	7487-94-7	Corr-S, Highly Toxic, OHH		125 grams	125 grams	244/255

MERCURIC IODIDE, RED	7774-29-0	Corr-S, Highly Toxic, OHH		125 grams	125 grams	244/255
MES, SODIUM	4432-31-9	Irr		300 grams	300 grams	155
METHANOL	67-56-1	FL-1B, IR	52 F	16 Liters	16 Liters	155
METOFANE (METHOXYFLURANE)	X-CF	Anesthesia		118 ml	500 ml	106
n-BUTYRIC ACID, SODIUM SALT	156-54-7	Irr		14 Kg	14 Kg	Manu. 310
NITRIC ACID	7697-37-2	Corr-L, OHH	pH 2	500 ml	500 ml	155
N-LAUROYLSARCOSINE	97-78-9	Irr		100 grams	100 grams	155
p-AMINOBENZOIC ACID	138-84-1	Corr-S, Irr		100 grams	100 grams	155
PHENOL RED	143-74-8	Toxic, OHH		5 grams	5 grams	244/255
PHENOLPHTHALEIN	77-09-8	Irr		225 grams	225 grams	244/255
PHENYLMETHYL-SULFONYL FLUORIDE	329-98-6	H2O Reactive 2 Solid, Corr-S, Irr		25 grams	25 grams	120
PHOSPHORIC ACID	7664-38-2	Corr-L	pH 2	500 ml	500 ml	155
PHOSPHORIC ACID	7664-38-2	Corr-L	pH 2	15 Liters	15 Liters	Manu. 310
PHOSPHORUS PENTOXIDE	1314-56-3	H2O Reactive 2 Solid, Corr-S, Highly Toxic		500 grams	500 grams	244/255
PHYTIC ACID	14306-25-3	Irr		10 grams	10 grams	244/255
PIPERAZINE ANHYDROUS	110-85-0	Irr		600 grams	600 grams	244/255
POLYSORBATE 20	9005-64-5	Irr		300 ml	300 ml	1100
POLYSORBATE 80	9005-65-6	Irr		1 Liter	1 Liter	155
POLYVINYLPIRROLIDONE	9003-39-8	Irr		100 grams	100 grams	155
POTASSIUM BIPHTHALATE	877-24-7	Irr		500 grams	500 grams	244/255
POTASSIUM CARBONATE	584-08-7	Corr-S		500 grams	500 grams	244/255
POTASSIUM CHLORIDE	7447-40-7	Irr		2 Kg	2 Kg	155
POTASSIUM CHLORIDE	7447-40-7	Irr		500 grams	500 grams	244/255
POTASSIUM CHLORIDE	7447-40-7	Irr		1 Kg	1 Kg	Manu. 310
POTASSIUM CYANIDE	151-50-8	Highly Toxic		25 grams	25 grams	244/255
POTASSIUM DICHROMATE	7778-50-9	Unstable Reactive 1, Oxidizer 1, Corr-S, OHH, Carcinogen		500 grams	500 grams	155
POTASSIUM FERROCYANIDE, TRIHYDRATE	14459-95	Irr, OHH		500 grams	500 grams	244/255
POTASSIUM HEXAHYDROANTIMONATE	12208-13-8	Irr, OHH		100 grams	100 grams	244/255
POTASSIUM HYDROXIDE	1310-58-3	Corr-S, Water Reactive 1 Solid, Toxic		1Kg	1Kg	155
POTASSIUM HYDROXIDE	1310-58-3	Corr-S, Water Reactive 1 Solid, Toxic		500 grams	500 grams	244/255
POTASSIUM IODIDE	7681-11-0	Irr		125 grams	125 grams	244/255
POTASSIUM NITRATE	7757-79-1	Oxidizer 1		500 grams	500 grams	244/255
POTASSIUM PERMANGANATE	7722-64-7	Corr-S, Oxidizer 2, Reactive-S		500 grams	500 grams	244/255

POTASSIUM PHOSPHATE MONOBASIC	7778-77-0	Irr		2.5 Kg	2.5 Kg	155
POTASSIUM PHOSPHATE MONOBASIC	7778-77-0	Irr		500 grams	500 grams	244/255
POTASSIUM PHOSPHATE MONOBASIC	7778-77-0	Irr		10 Kg	10 Kg	Manu. 310
POTASSIUM PHOSPHATE, DIBASIC	7758-11-4	Irr		1 Kg	1 Kg	244/255
POTASSIUM SODIUM TARTRATE	6381-59-5	Irr		600 grams	600 grams	244/255
POTASSIUM SULFATE	7778-80-5	Irr		500 grams	500 grams	155
POTASSIUM THIOCYANATE	333-20-0	Irr, OHH	854 mg/kg	1 kG	1 kG	155
SENTOL (PHOSPHORIC ACID)	7664-38-2	Corr-L	pH 2	213 Liters	5300 Liters	Manu. 310
SILVER NITRATE	7761-88-8	Oxidizer 1 Solid, Toxic, Irr		30 grams	30 grams	244/255
SODIUM ACETATE ANHYDROUS	127-09-3	Irr, OHH		1 Kg	1 Kg	155
SODIUM ACETATE ANHYDROUS	127-09-3	Irr, OHH		250 grams	250 grams	244/255
SODIUM ACETATE ANHYDROUS	127-09-3	Irr, OHH		20 Kg	20 Kg	Manu. 310
SODIUM ACETATE TRIHYDRATE	6131-90-4	Irr, OHH		500 grams	500 grams	155
SODIUM AZIDE	26628-22-8	Unstable Reactive Solid, H2O Reactive 2 Solid, Highly Toxic		1 Kg	1 Kg	155
SODIUM AZIDE	26628-22-8	Unstable Reactive Solid, H2O Reactive 2 Solid, Highly Toxic		200 grams	200 grams	244/255
SODIUM BICARBONATE	144-55-8	Irr		500 grams	500 grams	244/255
SODIUM BICARBONATE	144-55-8	Irr		72 Kg	72 Kg	Manu. 310
SODIUM BITARTRATE	6131-98-2	Irr		500 grams	500 grams	244/255
SODIUM BORATE	1303-96-4	Oxidizer, Irr		500 grams	500 grams	244/255
SODIUM BORATE 10-HYDRATE	1303-96-4	Oxidizer, Irr		500 grams	500 grams	155
SODIUM CARBONATE	497-19-8	Irr, OHH		100 grams	100 grams	244/255
SODIUM CARBONATE	497-19-8	Irr, OHH		20 Kg	20 Kg	Manu. 310
SODIUM CARBONATE MONOHYDRATE	5968-11-6	Irr, OHH		1 Kg	1 Kg	155
SODIUM CHLORIDE	7647-14-5	Irr		34.5 Kg	34.5 Kg	155
SODIUM CHLORIDE	7647-14-5	Irr		2.5 Kg	2.5 Kg	244/255
SODIUM CHLORIDE	7647-14-5	Irr		1747 Kg	1747 Kg	Manu. 310
SODIUM CITRATE	6132-04-3	Irr		11 Kg	11 Kg	155
SODIUM CITRATE	6132-04-3	Irr		500 grams	500 grams	244/255
SODIUM CITRATE	6132-04-3	Irr		144 Kg	144 Kg	Manu. 310
SODIUM DODECYL SULFATE	151-21-3	Irr		200 grams	200 grams	244/255
SODIUM HEXAMETAPHOSPHATE	68915-31-1	Irr		1 Kg	1 Kg	244/255
SODIUM HYDROXIDE	1310-73-2	Corr-S, Water Reactive 1 Solid, Toxic		40.5 Kg	40.5 Kg	155

SODIUM HYDROXIDE	1310-73-2	Corr-L, Water Reactive 1 Liquid, Toxic	pH 12	3.5 Liters	3.5 Liters	155
SODIUM HYDROXIDE	1310-73-2	Corr-S, Water Reactive 1 Solid, Toxic	N/a	2 Kg	2 Kg	244/255
SODIUM HYDROXIDE	1310-73-2	Corr-L, Water Reactive 1 Liquid, Toxic	pH 12	5 Liters	5 Liters	244/255
SODIUM HYDROXIDE	1310-73-2	Corr-S, Water Reactive 1 Solid, Toxic	N/a	180 Kg	180 Kg	Manu. 310
SODIUM HYDROXIDE	1310-73-2	Corr-L, Water Reactive 1 Liquid, Toxic	pH 12	586 Liters	12,892 Liters	Manu. 310
SODIUM NITRITE	7632-00-0	Oxidizer 1, Corr-S, Irr		500 grams		244/255
SODIUM NITROPRUSSIDE	13755-38-9	Toxic, Irr, OHH	99 mg/Kg	100 grams	100 grams	244/255
SODIUM OXALATE	62-76-0	Toxic, Corr		125 grams	125 grams	244/255
SODIUM PERSULFATE	7775-27-1	Unstable Reactive 1, Oxidizer 1, Irr		500 grams	500 grams	244/255
SODIUM PHOSPHATE DIBASIC	7558-79-4	Irr		500 grams	500 grams	155
SODIUM PHOSPHATE DIBASIC	7558-79-4	Irr		500 grams	500 grams	244/255
SODIUM PHOSPHATE DIBASIC, HEPTAHYDRATE	7782-85-6	Irr		15 Kg	15 Kg	155
SODIUM PHOSPHATE DIBASIC, HEPTAHYDRATE	7782-85-6	Irr		120 Kg	120 Kg	Manu. 310
SODIUM PHOSPHATE MONOBASIC	10049-21-5	Irr		500grams	500grams	244/255
SODIUM PHOSPHATE MONOBASIC	10049-21-5	Irr		108 Kg	108 Kg	Manu. 310
SODIUM PHOSPHATE MONOBASIC	7558-80-7	Irr		2.5 Kg	2.5 Kg	155
SODIUM TARTRATE	6106-24-7	OHH		500 grams	500 grams	155
SODIUM THIOCYANATE	540-72-7	OHH	764 mg/Kg	500 grams	500 grams	155
SODIUM THIOSULFATE	7772-98-7	Irr		500 grams	500 grams	155
SULFOSALICYLIC ACID, DIHYDRATE	5965-83-3	Irr		500 grams	500 grams	244/255
SULFURIC ACID 2.00N	7664-93-9	Corr-L, Water Reactive 1 Liquid, Toxic, OHH	pH 12	2.5 Liter	10 Liters	108
SULFURIC ACID 2.00N	7664-93-9	Corr-L, Water Reactive 1 Liquid, Toxic, OHH	pH 12	2.5 Liter	2.5 Liter	155
SULFURIC ACID 2.00N	7664-93-9	Corr-L, Water Reactive 1 Liquid, Toxic, OHH	pH 12	1 Liter	1 Liter	244/255
THIOACETAMIDE	62-55-5	OHH, Carcinogen		125 grams	125 grams	244/255
TRICHLOROACETIC ACID	76-03-9	CL-3B, Corr-S, Toxic	pH 2	500 grams	500 grams	155

TRICHLOROACETIC ACID	76-03-9	CL-3B, Corr-S, Toxic	pH 2	500 grams	500 grams	244/255
TRIETHANOLAMINE	102-71-6	CL-3B, Irr, OHH	8680 mg/Kg	500 ml	500 ml	155
TRIFLUOROACETIC ACID	76-05-1	Corr-L, Toxic	pH 2	600 ml	600 ml	155
TRITON X-100	9002-93-1	CL-3B, Irr	525 F	2.1 Liters	2.1 Liters	155
TRIZMA BASE	77-86-1	Irr		1 Kg	1 Kg	155
TRIZMA BASE	77-86-1	Irr		3 Kg	3 Kg	244/255
TRIZMA BASE	77-86-1	Irr		312 Kg	312 Kg	Manu. 310
TRIZMA HYDROCHLORIDE	1185-53-1	Irr		2 Kg	2 Kg	155
TRIZMA HYDROCHLORIDE	1185-53-1	Irr		1.5 Kg	1.5 Kg	244/255
TRYPAN BLUE	72-57-1	Carcinogen, Irr, OHH		60 ml	60 ml	156
TWEEN 20	9005-64-5	CL-3B, Irr, OHH		500 ml	500 ml	244/255
TWEEN 80	9005-65-6	CL-3B, Irr, OHH		500 ml	500 ml	244/255
TWEEN 80	9005-65-6	CL-3B, Irr, OHH		4 Liter	4 Liter	Manu. 310
UREA	57-13-6	Irr, OHH		18 Kg	18 Kg	155
UREA	57-13-6	Irr, OHH		250 grams	250 grams	244/255
UREA	57-13-6	Irr, OHH		399 Kg	399 Kg	Manu. 310
ZINC CHLORIDE	7646-85-7	Toxic, Irr, OHH	794 mg/Kg	500 grams	500 grams	155
ZINC CHLORIDE	7646-85-7	Toxic, Irr, OHH	794 mg/Kg	500 grams	500 grams	244/255

**APPENDIX
C**

**RELEASE AND MSDS
DOCUMENTATION**

6/7/1999 SENTOL RELEASE DOCUMENTATION

- **6/10/1999 Internal IDEC Memo Documenting Sentol Release**
- **Undated Internal IDEC Documentation by Mechanic of Sentol Release**
- **6/10/1999 IDEC Follow-up Letter to DEH Notifying of Sentol Release**
- **6/10/1999 IDEC Follow-up Letter to the City of San Diego Storm Water Program Notifying of Sentol Release**
- **6/10/1999 IDEC Follow-up Letter to The Governor's Office of Emergency Services (OES) Notifying of Sentol Release**
- **Sentol MSDS**

MATERIAL SAFETY DATA SHEET

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SENTOL

MSDS ID: 08343

XV. REGULATORY INFORMATION (Cont.)

Section 313 Toxic Chemicals: Phosphoric Acid - CAS #7664-38-2 at <40%.

SARA Section 311/312:

ACUTE: YES CHRONIC: NO FIRE: NO REACTIVITY: NO

SUDDEN RELEASE OF PRESSURE: NO

LISTED CARCINOGEN: NOT CARCINOGENIC

NTP: NO IARC: NO OSHA: NO

HMIS RATINGS: HEALTH: 3 FIRE: 0 REACTIVITY: 0

PERSONAL PROTECTIVE EQUIPMENT: D

NFPA RATING: HEALTH: 3 FIRE: 0 REACTIVITY: 0 SPECIAL: CORROSIVE

STATE RIGHT-TO-KNOW INFORMATION:

PHOSPHORIC ACID - CAS #7664-38-2

WATER - CAS #7732-18-5

CALIFORNIA PROPOSITION 65:

None of the ingredients are on the California proposition 65 list.

XVI. OTHER INFORMATION

Disclaimer: The information contained in this safety data sheet is based on the knowledge of this specific product and current national legislation. It applies to the product as sold, use dilutions may be less hazardous. It may not be valid for this material if used in combination with any other materials or in a process. It is the user's responsibility to evaluate the applicability of this information for his particular conditions of storage, handling, and use.

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SENTOL

MSDS ID: 08343

IX. PHYSICAL AND CHEMICAL PROPERTIES (Cont.)

pH 1% SOLUTION: 2
VOLATILE BY VOLUME: 62
SOLUBILITY IN WATER: Soluble
VAPOR PRESSURE (mmHg): 17.5 at 20 C
Weight % solids: 36.3
VAPOR DENSITY: ND

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Product stable.
INCOMPATIBILITY WITH OTHER MATERIALS: PHOSPHORUS OXIDES
HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion forms oxides of phosphorus.
HAZARDOUS POLYMERIZATION: None known.

XI. TOXICOLOGICAL INFORMATION

Contains Corrosive and Irritating acidic chemicals. See Section II for amounts and identity. Acute toxicology tests are listed below.
TOXICITY TEST DATA:
Phosphoric acid: Acute Oral LD50 (rat) - 1530 mg/kg (RTECS)
Acute Skin LD50 (rabbit) - 2740 mg/kg (RTECS)

XII. ECOLOGICAL INFORMATION

ECOTOXICITY DATA: Product and waste are harmful to fish and aquatic forms. Discharge process waste and overflow to a sanitary sewer or on-site treatment process.
ECOTOXICITY TEST DATA: No data available.
ENVIRONMENTAL FATE: No data available.

XIII. DISPOSAL CONSIDERATIONS

RCRA REGULATED: Concentrated product would be considered D002- corrosive if declared hazardous waste.
Contains phosphates. Adjust pH of diluted product and discharge to industrial sewer. Use product in container until empty. Triple rinse container with water and add to process. Recycle or dispose of container by product labeling or governmental regulations.

XIV. TRANSPORT INFORMATION

CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., (PHOSPHORIC ACID), 8, UN3264, PG III, (ERG NO. 60, IMDG PAGE 8147, EMS NO. 8-15, MFAG NO. 760), NAERG NO. 154.

XV. REGULATORY INFORMATION

U.S. Federal Regulations:
TSCA: All ingredients in this product are on TSCA inventory.
HAPS: Contains no hazardous air pollutants.
VOC CONTENT (EPA Method 24A): % VOC: 0 Lb/Gal VOC:
CERCLA/EPCRA:

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SENTOL

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IV. FIRST AID MEASURES (Cont.)

INHALATION: Remove to fresh air. If breathing difficulties continue, get medical attention.

V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F): NONE FLAME EXTENSION: N/A
FLAMMABLE LIMITS IN AIR BY VOLUME: LEL: N/A UEL: N/A
UNUSUAL FIRE OR EXPLOSIVE HAZARDS: Liquid produces hydrogen on contact with steel or active metals.
EXTINGUISHING MEDIA: Water spray, CO2, foam or dry powder.
FIRE FIGHTING INSTRUCTIONS: Wear full protective gear and positive pressure breathing apparatus (SCBA) in fire area.
SPECIAL INSTRUCTIONS: Contain runoff. Prevent from entering sewer or storm drain.

VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED:
Contain spill. Absorb with sand or clay. Collect material and place in suitable waste container. Neutralize solids and spill area with soda ash or lime. Dispose of by environmental regulations.
The Reportable Quantity (RQ) of Phosphoric Acid, CAS #7664-38-2 is 1,364 gallons or 14,045 lbs.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: Keep container closed. If frozen, thaw and mix to make usable. Do not pressure container to empty. Keep away from alkalis and chlorinated products.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: Face shield if contact or splash hazard exists. Eye wash in use area.
PROTECTIVE GLOVES: ACID RESISTANT
RESPIRATORY PROTECTION: Respirator protection required if PEL is exceeded. See Section II for information.
OTHER PROTECTIVE CLOTHING/EQUIPMENT: Rubber boots, chemical apron and safety shower in use area if contact or splash hazard exists.
ENGINEERING CONTROLS:
MECHANICAL VENTILATION: Normal room ventilation should be sufficient to control airborne levels.
LOCAL VENTILATION: Not usually required.

IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Clear, red liquid with slight odor.

BOILING POINT (DEG F): 235 FREEZING POINT: ND
SPECIFIC GRAVITY/BULK DENSITY: 1.235 PH: 1

MATERIAL SAFETY DATA SHEET

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SENTOL

MSDS ID: 08343

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: SENTOL
Product Descriptor: Liquid Acid Cleaner
MANUFACTURER:
DIVERSEYLEVER
3630 E. KEMPER RD.
CINCINNATI, OH 45241

EMERGENCY PHONE NUMBERS:
MEDICAL (COLLECT): (303)592-1024
CHEMTREC: (800)424-9300
DIVERSEYLEVER (24 HRS): (800)233-1000

II. HAZARDOUS COMPONENTS

Component Name	CAS Number	%	Exposure Limits	Units
PHOSPHORIC ACID	7664-38-2	>30%	TWA 1 STEL 3	MG/M3

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

CORROSIVE-Contains strong acids. Causes severe burns to skin and eyes. May be fatal if swallowed. Do not contact eyes, skin or clothing. Wear goggles, face shield, rubber gloves and protective clothing and boots when handling product. Avoid breathing dust or spray mist. Contain spill and runoff which may cause environmental damage. Contact with iron and other metals may release hydrogen gas.

POSSIBLE ROUTES OF ENTRY: Ingestion, Skin and Inhalation.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE: EYES: Severe burns, tissue damage, or irritation with pain, swelling, blurred or impaired vision, blindness. SKIN: Severe burns, tissue destruction, blisters or rash with swelling and pain. Diluted product may cause redness or irritation. INGESTION: If swallowed, severe burns to mouth and throat may result with pain, gastric perforation and difficulty in swallowing or breathing. INHALATION: Spray or mists cause burns or irritation to nose, throat and respiratory tract with pain, choking, and difficulty in breathing.

CHRONIC: Same as Acute Effects.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Dermatitis and sensitive skin.

TARGET ORGAN(S) OF CHEMICAL HAZARD(S): Eyes, skin and respiratory tract.

IV. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Hold eyelids apart to completely flush all chemicals from entire eye surface. Get immediate medical attention.

SKIN: Flush thoroughly with plenty of water. Wash with soap and water. Remove contaminated clothes and shoes and clean before reuse. Get medical attention for any painful, red or injured skin.

INGESTION: If swallowed, rinse mouth with water. Dilute by drinking several glasses of water. DO NOT induce vomiting. If patient vomits, rerinse mouth with water. Get prompt medical attention. NOTE: Never give fluids by mouth to an unconscious person.



3030 CALLAN ROAD
SAN DIEGO, CALIFORNIA 92121
619/550-8500 • FAX 619/458-8887

06/10/99

Governor's Office of Emergency Services
2800 Meadowview road
Sacramento, CA 95832

Reference: Release Reporting Number 99-24-34

Dear Sir,

This letter constitutes written follow-up regarding an incident during which approximately 5 gallons of a 37% phosphoric acid/63% water solution was released into a storm drain. This incident occurred at 11011 Torreyana Road, San Diego CA., 92121 at approximately 11 a.m. on 6/7/99. No injuries occurred as a result of the release, and no adverse environmental impact is expected. No external agencies had to be contacted to assist with clean-up operations.

At the time of the incident the employees involved began carrying out the procedures identified as part of IDEC's best management practices for such an event (i.e. immediate determination and shut-down of the source of the spill, notification of EH&S staff, actions taken to limit access to the spill area, and the closing of shut-off valves installed to minimize the release of contaminated storm water). Although there was not sufficient time to prevent a release to the storm drain, clean-up operations began immediately to minimize any impact to the environment. A quantity of clean water was used to flush the effected drain line. Testing for pH was carried out a sump adjacent to the point at which the drain line left the property. Based on readings taken at the time the pH of the material released to the storm drain is estimated at 5.5.

On the afternoon 6/7/99 a phone call was made to your office in accordance with the requirements for verbal notification within 24 hours following any release. In addition to notifying your agency, IDEC contacted the San Diego County Department of Environmental Health, Hazardous Materials Management Division, and the City of San Diego Storm Water Program. Written notification will be submitted to all agencies that received verbal notification. IDEC is currently considering those actions that need to be taken to prevent a similar event from recurring, and will update it's storm water pollution prevention plan accordingly. I anticipate that additional correspondence between IDEC and your agency may be required in order to closeout this incident. I may be contacted at (619) 458-8822, Monday through Friday, 9- 5 P.M.

Sincerely,

A handwritten signature in black ink, appearing to read "Mark Thompson".

Mark Thompson
Sr. Manger, Environmental Health and Safety

IDEC

Pharmaceuticals Corporation

3030 CALLAN ROAD
SAN DIEGO, CALIFORNIA 92121
619/550-8500 • FAX 619/458-8887

06/10/99

Mr. Kirk Whitaker
City of San Diego Storm Water Program
1010 2nd Avenue, Suite 500
San Diego, CA 92101

Dear Kirk,

This letter constitutes written follow-up regarding an incident during which approximately 5 gallons of a 37% phosphoric acid/63% water solution was released into a storm drain. This incident occurred at 11011 Torreyana Road, San Diego CA., 92121 at approximately 11 a.m. on 6/7/99. No injuries occurred as a result of the release, and no adverse environmental impact is expected. No external agencies had to be contacted to assist with clean-up operations.

At the time of the incident the employees involved began carrying out the procedures identified as part of IDEC's best management practices for such an event (i.e. immediate determination and shut-down of the source of the spill, notification of EH&S staff, actions taken to limit access to the spill area, and the closing of shut-off valves installed to minimize the release of contaminated storm water). Although there was not sufficient time to prevent a release to the storm drain, clean-up operations began immediately to minimize any impact to the environment. A quantity of clean water was used to flush the effected drain line. Testing for pH was carried out a sump adjacent to the point at which the drain line left the property. Based on readings taken at the time the pH of the material released to the storm drain is estimated at 5.5.

On the afternoon 6/7/99 a phone call was made to your office in accordance with the requirements for verbal notification within 24 hours following any release. In addition to notifying your agency, IDEC contacted the San Diego County Department of Environmental Health, Hazardous Materials Management Division, and the Governor's Office of Emergency Services. Written notification will be submitted to all agencies that received verbal notification. IDEC is currently considering those actions that need to be taken to prevent a similar event from recurring, and will update it's storm water pollution prevention plan accordingly. I anticipate that additional correspondence between IDEC and your agency may be required in order to closeout this incident. I may be contacted at (619) 458-8822, Monday through Friday, 9- 5 P.M.

Sincerely,



Mark Thompson
Sr. Manger, Environmental Health and Safety

IDEC

Pharmaceuticals Corporation

3030 CALLAN ROAD
SAN DIEGO, CALIFORNIA 92121
619/550-8500 • FAX 619/458-8887

06/10/99

Mr. Peter Neubauer
County of San Diego
Department of Environmental Health, HMMD
1225 Imperial Avenue
P.O. Box 129261
San Diego CA 92112-9261

Dear Peter,

This letter constitutes written follow-up regarding an incident during which approximately 5 gallons of a 37% phosphoric acid/63% water solution was released into a storm drain. This incident occurred at 11011 Torreyana Road, San Diego CA., 92121 at approximately 11 a.m. on 6/7/99. No injuries occurred as a result of the release, and no adverse environmental impact is expected. No external agencies had to be contacted to assist with clean-up operations.

At the time of the incident the employees involved began carrying out the procedures identified as part of IDEC's best management practices for such an event (i.e. immediate determination and shut-down of the source of the spill, notification of EH&S staff, actions taken to limit access to the spill area, and the closing of shut-off valves installed to minimize the release of contaminated storm water). Although there was not sufficient time to prevent a release to the storm drain, clean-up operations began immediately to minimize any impact to the environment. A quantity of clean water was used to flush the effected drain line. Testing for pH was carried out a sump adjacent to the point at which the drain line left the property. Based on readings taken at the time the pH of the material released to the storm drain is estimated at 5.5.

On the afternoon 6/7/99 a phone call was made to your office in accordance with the requirements for verbal notification within 24 hours following any release. In addition to notifying your agency, IDEC contacted the offices of the City of San Diego Storm Water Program, and the Governor's Office of Emergency Services. Written notification will be submitted to all agencies that received verbal notification. IDEC is currently considering those actions that need to be taken to prevent a similar event from recurring, and will update it's storm water pollution prevention plan accordingly. I anticipate that additional correspondence between IDEC and your agency may be required in order to closeout this incident. I may be contacted at (619) 458-8822, Monday through Friday, 9- 5 P.M.

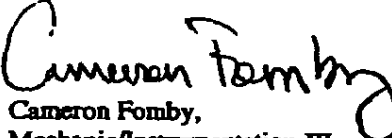
Sincerely,



Mark Thompson
Sr. Manger, Environmental Health and Safety

To Whom It May Concern,

At approximately 11:00am on Monday, June 7 1999, about 5 gallons of Sentol were accidentally spilled to the city sewer while transferring from one container to another. Large amounts of water were immediately sent to drain after it and after checking the pH at the last point of drain on the property, it was found to be 5.5pH. To avoid such problems in the future, it has been recommended that the end of the working utility yard be bermed up to contain any future spills in the area the chemicals are used.


Cameron Fomby,
Mechanic/Instrumentation III

The cause of the spill was primarily operator error. Cameron Fomby had left a transfer pump unattended for a moment and the hose fell out of the receiving container (Cameron's report is attached). No injuries occurred as a result of the release, and no adverse environmental impact is expected. No external agencies had to be contacted to assist with clean-up operations. EH&S is currently considering those actions that need to be taken to prevent a similar event from recurring, and will update the storm water pollution prevention plan accordingly. At this time I am recommending the installation of two additional control valves on the storm water lines exiting the property to the North. It should be possible to install one valve in the sump mentioned above and the other on the outfall entering the canyon adjacent to the vivarium.

On the afternoon 6/7/99 phone calls were made to the San Diego County Department of Environmental Health, Hazardous Materials Management Division, the Governor's Office of Emergency Services, and the City of San Diego Storm Water Program in order to verbally report the release. All calls were made between 2 and 3 p.m. Written notification of the incident was submitted today to these same agencies.

IDEC

Pharmaceuticals Corporation

To: Chris Burman
From: Mark Thompson
Date: 6/10/99
Re: Release of Sentol to the Stormwater System at 11011 Torreyana Road
cc. EH&S Files, Bert Van Loon

At 11:30 a.m. on 6/7/99 EH&S was informed that approximately 5 gallons of Sentol had been spilled unto the ground in the utility area, and that this liquid had moved into the storm drain line serving the lower level of the parking structure. Sentol is 37% phosphoric acid and 63% water.

By the time EH&S was notified several members of the maintenance department had already spent 20 minutes attempting to control the spill. Upon initial discovery those employees present had immediately carried out the actions identified as part of IDEC's best management practices for such an event; these actions included determining the source of the spill and shutting it down, notifying EH&S staff, limiting general employee access to the spill area, and closing the valve installed to prevent the release of contaminated storm water off-site into the neighboring canyon.

At the time of the spill it appeared that the material would move to the southern end of the facility, however, it did not, and moved instead to the north where it entered the main stormwater line serving Torreyana Road. Had the liquid moved south it could have been recovered from the sealed line using the pumps and drums available on hand. The control valve installed at the southern end of the facility was installed in preparation for this exact type of event. A control valve at the northern end of the property had not been installed since most industrial activities are concentrated at the other end of the building.

Although there was not sufficient time to prevent a release of material into the storm drain system clean-up operations began immediately on the residual surface contamination. This operation consisted of using a large quantity of clean water to flush the effected drain line; this action was intended to minimize the impact of the acid on the system. Several pH measurements were made at a sump adjacent to the point at which the drain line leaves the property. Based on readings taken at the time the pH of the slug of water released to the storm drain is estimated at 5.5.

9/10/1999
HYDRAULIC OIL RELEASE
DOCUMENTATION

- **10/26/1999 Internal IDEC Memo Documenting Hydraulic Oil Release**
- **9/20/1999 Pacific Waste Services Letter to IDEC Documenting Hydraulic Oil Spill and Cleanup**
- **Hydraulic Oil LT MSDS**



Memo

To: EH&S Files

From: Mark Thompson

CC:

Date: 10/26/99

Re: Spill of Hydraulic Fluid in parking lot of 11011 Torreyana Road

-
- On the morning of 9/10/99 a spill of a petroleum based liquid (probably hydraulic fluid) was discovered in the back parking lot at Torreyana. The spill extended from the maintenance shed to the emergency generator. Circumstantial evidence suggested that the source of the spill was the Pacific Waste Management truck that had been there earlier that morning. The maintenance personnel on-site at the time used their spill response supplies to prevent the fluid from moving towards the storm drain. Pacific was contacted and responded by sending out a clean-up crew. By about noon Pacific had removed all standing liquid. As follow-up I contacted Jack Bracston (278-6061) at Pacific to express my concerns regarding the impact of this incident to our stormwater compliance efforts. I ask him if they were planning on steam cleaning the spill area to remove all residual material. Jack's position was that steam cleaning was not worth the effort due to the low recovery rate of petroleum products from the asphalt. Had the surface been concrete it would have been different and they would have performed steam cleaning. He indicated that Pacific has had to deal with this type of situation before and that both the local Stormwater Office and the Dept. of Health Services concurred that their clean-up methods were sufficient. He agreed to send IDEC a letter to this effect for our files; this letter was received on 9/22 attached).



September 20, 1999

IDEC

Attn: Mark Thompson
3030 Callan Rd.
San Diego, Ca 92121

Per our conversation of September 7, 1999, concerning the hydrolic oil spill in your yard, the approximate amount of spill was 1.5 gallons spread over an asphalt area. This was absorbed by applying two layers of ground-up corn cob which absorbed surface oil. The corn cob was swept up and disposed of; the remainder of the spilled oil was absorbed into the asphalt. This is our standard method of cleaning oil spills and has been approved by Haz Mat.

A handwritten signature in black ink, appearing to read "John E. Broadstock". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

John E. Broadstock
Maintenance Manager

JB/mc



Material Safety Data Sheet

Chevron Hydraulic Oil LT

MSDS: 7469 Revision #: 0 Revision Date: 12/14/99

[Click here to search the product data sheet database.](#)

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEVRON Hydraulic Oil LT (EHL)

PRODUCT NUMBER(S): CPS232783

COMPANY IDENTIFICATION

CHEVRON PRODUCTS COMPANY
First Floor, 43/45 The Promenade
Cheltenham
Gloucestershire, GL50 1LE
United Kingdom
TELEPHONE: +44 (0) 1242 266700

EMERGENCY TELEPHONE NUMBERS

HEALTH (24 hr): (800)231-0623 or
(510)231-0623 (International)
TRANSPORTATION (24 hr): CHEMTREC
(800)424-9300 or (703)527-3887
Emergency Information Centers
are located in U.S.A.
Int'l collect calls accepted

PRODUCT INFORMATION: CONTACT YOUR LOCAL SALES REPRESENTATIVE FOR TECHNICAL INFORMATION OR ADDITIONAL MSDS REQUESTS.

2. COMPOSITION/INFORMATION ON INGREDIENTS

100.0 % CHEVRON Hydraulic Oil LT (EHL)

CONTAINING

COMPONENTS	AMOUNT	LIMIT/QTY	AGENCY/TYPE
------------	--------	-----------	-------------

LUBRICATING BASE OIL CONTAINING ONE OR MORE OF THE FOLLOWING
> 90.00%

HYDROTREATED DIST., LT NAPHTH

Chemical Name: DISTILLATES, HYDROTREATED LIGHT NAPHTHENIC			
CAS64742536		5 mg/m3 (mist)	ACGIH TWA
		10 mg/m3 (mist)	ACGIH STEL
		5 mg/m3 (mist)	OSHA PEL

HYDROTREATED DIST., HVY NAPHTH

Chemical Name: DISTILLATES, HYDROTREATED HEAVY NAPHTHENIC			
CAS64742525		5 mg/m3 (mist)	ACGIH TWA
		10 mg/m3 (mist)	ACGIH STEL
		5 mg/m3 (mist)	OSHA PEL

ADDITIVES

< 10.00%

biogen idec

RECEIVED

2005 JAN 14 AM 9 03

D. E. H.
MAILROOM

January 10, 2005

Susan Hahn
County of San Diego
Department of Environmental Health
Hazardous Materials Division
P.O. Box 129261
San Diego, CA 92112-9261

Re: Request for Letter of No Further Action
For Biogen Idec, Inc.
11011 Torreyana Rd., San Diego, CA 92121

Dear Ms. Hahn:

Thanks again for your time during our site walkthrough on Friday, January 7, 2005. As promised, below you will find a summary of the three environmental releases that occurred during our occupancy of the above-referenced Biogen Idec facility site. This information is being provided to facilitate DEH's issuance of a "no further action" letter to Biogen Idec confirming that no further action is required at the site with respect to these releases so that the site may be removed from the DTSC's "Low Priority" list.

Each of these releases was previously reported to the DEH, and two of the three releases were reported to DTSC when IDEC Pharmaceuticals submitted a Tiered Permitting Phase I Environmental Assessment Checklist in October 1999. The first release occurred on June 7, 1999. At the time, approximately 5 gallons of Sentol solution were spilled onto the asphalt in a utility area. Sentol is a 37% phosphoric acid and 63% water solution. The release traveled to a storm drain and the drain was flushed with large amounts of water. Subsequent pH readings were taken of the water at the point of release from the property which confirmed that the discharge was neutral.

The second release occurred on September 9, 1999 when approximately 1.5 gallons of hydraulic oil were released from a contractor's truck in the parking lot. The material was absorbed and cleaned up by a contractor.

Finally, 2 gallons of a Mincare solution (20% hydrogen peroxide and 4% peroxyacetic acid) were released onto the site's asphalt driveway. The area was flushed with water causing the material to flow into a nearby storm drain. The storm drain discharges to soil behind the facility. Soil from storm drain release area was removed (approximately 4 30-gallon containers)

biogen idec

until the area was determined to no longer be contaminated. Confirmatory pH sampling was conducted to verify that contaminated soil was fully removed.

Based on the above information and your site walkthrough, we are requesting issuance of the "no further action" letter as soon as possible. Biogen Idec is vacating this facility and requires agency confirmation that no further action is necessary with respect to these releases as part of decommissioning the facility. Your continued assistance towards that end is much appreciated. Should you have any questions regarding these releases, please feel free to contact me at 760.231.2491. Thank you again for your assistance.

Sincerely,



Joseph Hess
EHS Manager

619-778-2500

**LETTER REPORT OF A
REVIEW OF ENVIRONMENTAL
DOCUMENTATION
FORMER BIOGEN IDEC
FACILITY
11011 TORREYANA ROAD
SAN DIEGO, CALIFORNIA**

November 30, 2005

DEH Case #: H14775-001

Project Number: 01205536.00

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environmental business solutions

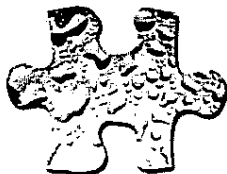
RECEIVED

2005 DEC 1 AM 8 29

November 30, 2005
Project Number: 01205536.00

HAIL ROOM

Copy No. _____



An SCS Engineers Company

Mr. Nasser Sionit
County of San Diego
Department of Environmental Health
Site Assessment and Mitigation Program
1255 Imperial Avenue, Suite 300
San Diego, California 92101

RE: Letter Report of a Review of Environmental Documentation

DEH Case #: H14775-001

**Site: Former Biogen Idec Facility
11011 Torreyana Road
San Diego, California (Site)**

8799 Balboa Avenue
Suite 290
San Diego CA
92123
T 858 571 5500
F 858 571 5357

Dear Mr. Sionit:

providing
economic
environmental
solutions
to the business
community

Environmental Business Solutions (EBS), an SCS Engineers Company, is pleased to present this letter report (Report) of a review of previous environmental documentation for the purpose of assessing releases at the Site previously reported to the State of California Department of Toxic Substances Control (DTSC). The releases were reported to the DTSC pursuant to requirements of the Tiered Permitting program. This review of previous environmental documentation was conducted in general accordance with the guidelines set forth by the County of San Diego Department of Environmental Health (DEH) on behalf of Biogen Idec (Client), the former Site operator.

EXECUTIVE SUMMARY

EBS performed a review of environmental documentation for the purpose of assessing releases at the Site previously reported to the DTSC. EBS was retained by Biogen Idec to perform the necessary assessment activities of the three previously reported releases at the Site based on the desire for removal of the Site from DTSC's "Low Priority" list and final closure of issues related to the Conditional Authorization Permit under the Tiered Permitting program for the elementary neutralization at the Site.

The objectives of the scope of services described in this Report were to: 1) Review documentation of reported releases at the Site and assess the potential likely remaining extent of released compounds in the soil at the Site and 2) Assess the likelihood that an unacceptable health risk exists at the Site as a result of reported releases.

Based upon our review of the environmental documentation for Site, EBS concludes that: 1) The extent and concentration of compounds released into the soil and storm drains and compounds remaining after remediation activities at and near the Site have been adequately characterized; 2) Based upon the small quantities of compounds released at the Site and the remediation activities that have been performed, there is a low likelihood that compounds remaining in soil from the releases would result in significant impacts to soil or to water quality; and 3) Although a formal human health risk assessment was not performed, we are able to assess that there is a low likelihood that an unacceptable human health risk exists due to any remaining residual compounds in soil.

BACKGROUND

The Site is located at 11011 Torreyana Road, San Diego (Figure 1). The Site is comprised of one parcel (Assessor's Parcel Number [APN] 340-010-29) totaling approximately 10.24 acres. It is currently developed as a research and development building complex consisting of one main 70,000 square foot two-story building, a parking structure, and associated ancillary structures including a utilities building and an emergency generator (Figure 2). The main building structure was constructed in 1977.

Biogen Idec operated at the Site as IDEC Pharmaceuticals Corporation (IDEC). IDEC leased the Site in July 1992 and operated at the Site from June 1993 until October 2004. IDEC submitted notification to the DTSC and the County of San Diego Department of Environmental Health (DEH) in February 1993 of their intent to perform elementary neutralization of wastewater prior to discharge to the sewer system under conditional authorization of the Tiered Permitting program. IDEC operated the elementary neutralization system under conditional authorization until March of 2000 when they requested cancellation of their notification from the DEH because they became eligible for the new biotech elementary neutralization exemption under the California Health and Safety Code Section 25201.15. On April 25, 2000, Mr. Mark Thompson of IDEC met with representatives of the DEH and they agreed to cancel the Conditional Authorization permit. See Appendix A for Tiered Permitting documentation.

On May 1, 2000, IDEC submitted a Phase I Environmental Assessment Checklist (Checklist) to the DTSC in response to correspondence from the DTSC requiring the submittal of the Checklist for compliance with the Tiered Permitting program. The Checklist reported two previous small releases, at the south delivery area and the plant support utility area. It was noted that both releases did not require further investigation.

In response to a November 8, 2002 request from DTSC, on December 2, 2002 IDEC submitted a Further Investigation Questionnaire (FI Questionnaire) as a followup to the Checklist previously submitted. The FI Questionnaire included documentation on an additional small release that took place on October 31, 2002, subsequent to the submittal of the Checklist. The DTSC has placed the Site on their "Low Priority" list due to the three releases reported at the Site. See Appendix B for the Checklist and FI Questionnaire documentation.

Based on the desire for removal of the Site from DTSC's "Low Priority" list and final closure of issues related to the Conditional Authorization Permit under the Tiered Permitting program for the elementary neutralization at the Site, EBS was retained by Biogen Idec to perform the necessary assessment activities of the three previously reported releases at the Site.

Site Description Summary

Site Name:	Former Biogen Idec Facility (Currently Tanox Incorporated)
Site Owner:	TSI, L.P.
Site Address:	11011 Torreyana Road, San Diego, California
Assessors Parcel Number (APN):	340-010-29

OBJECTIVES

The objectives of the scope of services described in this Report were to:

- Review documentation of reported releases at the Site and assess the potential likely remaining extent of released compounds in the soil at the Site.
- Assess the likelihood that an unacceptable health risk exists at the Site as a result of reported releases.

SCOPE OF SERVICES

Documentation Review

EBS reviewed documentation provided by Biogen Idec regarding the three reported releases at the Site. The following is a summary of the documentation review. See Appendix C for documentation related to each of the three releases and material safety data sheets (MSDSs) for released materials.

June 7, 1999 - Sentol Release

Approximately 5 gallons of Sentol solution were spilled onto the asphalt in the plant support utility area on the south side of the main building on June 7, 1999 while transferring the liquid from one container to another. Sentol is a 37 percent phosphoric acid and 63 percent water solution used as a cleaning agent. The release flowed to a storm drain inlet on the south end of the parking structure. IDEC staff spent 20 minutes attempting to control the spill, including closing a storm drain valve on a storm water discharge pipe that discharges to the canyon at the south end of the Site. However, it was concluded that the storm drain inlet in the parking structure that was the release point discharged to the north and ultimately connected to the municipal storm drain system in Torreyana Road. The ultimate discharge location was concluded to be the municipal storm drain in Torreyana Road because no liquid was observed to be released from the north and south storm drain outlets from the Site that discharge to the canyon to the east. Therefore, the release location storm drain was flushed with large amounts of water to dilute the released Sentol that could not be recovered from the storm drain. Subsequent pH readings were taken of the water in the storm drain inlet on the Site at the north end of the parking structure, prior to the storm drain connection to the municipal storm drain system in Torreyana Road. Based upon the pH readings taken, it was estimated that the water discharge was approximately a pH of 5.5 prior to its release to the municipal storm water system. The approximate location of the release is shown on Figure 2.

Oral notifications made by telephone on the day of the release to the DEH, State Office of Emergency Services (OES), and the City of San Diego Storm Water Program. Followup written notifications were made to the same agencies.

September 10, 1999 - Hydraulic Oil Release

Approximately 1.5 gallons of a petroleum based liquid, likely hydraulic oil, was released on the morning of September 10, 1999 onto the asphalt parking lot to the south of the Site main building, in the south delivery area. The likely source of the release was a Pacific Waste Services truck that had been at the Site. Upon discovery

of the release IDEC personnel took steps using spill control materials to prevent the liquid from moving towards the storm drain in the parking lot. The liquid was absorbed using a ground corn cob absorbent and cleaned up by Pacific Waste Services. By means of these procedures, the release was contained in the asphalt delivery area. The approximate location of the release is shown on Figure 2.

October 31, 2002 - Minncare Release

Approximately 2 gallons of Minncare solution was spilled onto the asphalt parking lot to the south of the Site main building in the south delivery area on October 31, 2002. Two 1-gallon containers of Minncare had fallen off a secondary containment cart and broken open. Minncare is a 20 percent hydrogen peroxide and 4 percent peroxyacetic acid solution used as a reverse osmosis membrane disinfectant. The released liquid was flushed with water to a storm drain inlet on the east end of the parking lot. The storm drain discharges to an outfall immediately to the east of the Site mechanical building and at the top of the canyon to the east of the Site. Soil below the storm drain outfall impacted by the release was excavated and confirmatory pH sampling was conducted of soil to verify that impacted soil was adequately removed. Approximately four 30-gallon containers of soil were excavated and transported off-site as Non-RCRA waste by a licensed waste hauler. The excavated area was backfilled with clean fill soil. The approximate location of the release is shown on Figure 2.

Oral notifications made by telephone on the day of the release to the DEH and OES. Followup written notifications were made to the same agencies.

FINDINGS

Site Geology

As interpreted from a geologic map prepared by Michael P. Kennedy (1971)¹ the Site is located within the Coastal Plain Section of the Peninsular Range Geomorphic Province (California Department of Water Resources [CDWR], 1967). The surficial soils of the Site are mapped as nearshore deposits of the Pleistocene Lindavista Formation, consisting primarily of reddish-brown interbedded sandstone and conglomerate (CDMG, 1975).

¹ Geology of the Del Mar Quadrangle, in Geology of the San Diego Metropolitan Area, Map Sheet 29, CDMG Bull. 200, 1975.

Site Topography

As interpreted from a United States Geologic Survey (USGS) topographic map (Figure 1), the Site is located at an elevation of approximately 375 feet above mean sea level. Topography slopes to the east in the vicinity of the Site.

Hydrogeology

The Site is interpreted to be located in the Miramar Reservoir hydrologic area (906.10) of the Penasquitos hydrologic unit (906.00). Groundwater within this hydrologic area is listed as having existing municipal, agricultural and industrial beneficial uses. However, these beneficial use designations do not apply to the area west of the easterly boundary of the right-of-way of Interstate 5, which encompasses the subject property (RWQCB, 1994). These designations were established by the Regional Board under the terms and conditions of State Board Resolution No. 88-63, *Sources of Drinking Water Policy*, last updated in May 1998.

Based on regional topography, groundwater in the Site vicinity is estimated to flow generally toward the west-northwest toward Penasquitos Creek, which is situated to the northwest of the Site. Groundwater is interpreted to be greater than 50 feet below grade.

DISCUSSION

June 7, 1999 - Sentol Release

The 5-gallon release of Sentol on June 7, 1999 is of environmental concern only due to the low pH of the solution. The Sentol is 37 percent phosphoric acid with a pH of 1 according to the product MSDS. The release flowed to a storm drain inlet on the south end of the Site parking structure that ultimately was concluded to discharge to the municipal storm drain system in Torreyana Road. The storm drain was flushed with large amounts of water because it was not possible to recover the liquid from the storm drain. Subsequent pH readings were taken of the water in the storm drain inlet on the Site at the north end of the parking structure, prior to the storm drain discharging to the municipal storm drain system in Torreyana Road. Based upon the pH readings taken, it was estimated that the water discharge was approximately a pH of 5.5 prior to its release to the municipal storm water system. Given the relatively small volume of Sentol released, the reported large volume of water used to dilute the release, and the confirmation of the pH of the released liquid, there is a low likelihood of a significant impact to the storm drain system or soil at the ultimate discharge location to the canyon below Torreyana Road.

September 10, 1999 - Hydraulic Oil Release

The approximately 1.5-gallons of hydraulic oil released to the asphalt parking lot in the south delivery area at the Site on September 10, 1999 is of environmental concern due to the petroleum product's potential for impact to water quality. However, the release was contained to a paved asphalt area without a release to soil on-site or off-site. The liquid was absorbed using a ground corn cob absorbent and cleaned up by Pacific Waste Services. The release documentation indicates that there is a low likelihood of an impact to the environment from the release.

October 31, 2002 - Minncare Release

The approximately 2-gallon release of Minncare solution spilled on October 31, 2002 onto the asphalt at the Site in the south delivery area is of environmental concern due to the solution's low pH and oxidizer properties. Minncare is a 20 percent hydrogen peroxide and 4 percent peroxyacetic acid solution. The active ingredients in Minncare are both oxidizers with a pH of 1.3 according to the product MSDS. The released liquid was flushed with water to a storm drain inlet, resulting in a release to the ground at the south storm drain outfall at the top of the canyon to the east of the Site. The soil at the storm drain outfall impacted by the release was excavated and confirmatory pH sampling was reported to have been conducted to verify that impacted soil was adequately removed. Based upon the released material's properties as an oxidizer and an acid, the documented excavation of impacted soils, and the monitoring for pH to confirm the extent of the excavation, there is a low likelihood of a significant remaining impact to the soil at the discharge location at the canyon edge.

CONCLUSIONS

Based on the review of documents as part of this assessment and current regulatory guidelines, it is our professional opinion that:

- The extent and concentration of compounds released into the soil and storm drains and compounds remaining after remediation activities at and near the Site have been adequately characterized.
- Based upon the small quantities of compounds released at the Site and the remediation activities that have been performed, there is a low likelihood that compounds remaining in soil from the releases would result in significant impacts to soil or to water quality.

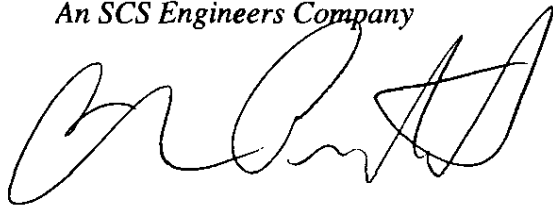
- Site remediation does not appear warranted based on the available data for the existing land use.
- Although a formal human health risk assessment was not performed, we are able to assess that there is a low likelihood that an unacceptable human health risk exists due to any remaining residual compounds in soil.

RECOMMENDATION

Based on the review of documentation performed and our conclusions, we recommend that no further action is required to assess or mitigate the three reported releases to soil and storm drains at the Site and in the vicinity and request that the DEH issue a no further action letter for the Site.

It is Biogen Idec's desire to bring closure to this matter before the end of 2005, therefore, we appreciate your timely review of this Report. Should you have any questions regarding this Report, please do not hesitate to call the undersigned at (858) 571-5500.

Respectfully,
ENVIRONMENTAL BUSINESS SOLUTIONS
An SCS Engineers Company



Chuck Pryatel, MBA, REHS
Project Manager



Robert Q. Gutzler, Ph.D., P.G. 5571
Senior Project Professional

Enclosures

CHP

REPORT USAGE AND FUTURE SITE CONDITIONS

This Report is intended for the sole usage of the Client and the parties designated by EBS. Use of this Report is subject to the provisions of the fully executed Contract between the Client and EBS. Any third party usage of this Report shall be subject to the provisions of the Contract and any unauthorized misuse of or reliance upon the Report shall be without risk or liability to EBS.

The conclusions of this Report are judged to be relevant at the time the work described in this Report was conducted. Future conditions may differ and this Report should not be relied upon to represent future Site conditions unless a qualified consultant familiar with the practice of Phase II environmental assessments in San Diego County is consulted to assess the necessity of updating this Report.

Although this Assessment has attempted to assess the likelihood that the Site has been impacted by a hazardous material/waste release, potential sources of impact may have escaped detection for reasons which include, but are not limited to: 1) our reliance on inadequate or inaccurate information rightfully provided to us by third parties, such as public agencies and other outside sources; 2) the limited scope of this Assessment; and 3) the presence of undetected, unknown, or unreported environmental releases.

LIKELIHOOD STATEMENTS

Statements of "likelihood" have been made in this report. Likelihood statements are based on professional judgments of EBS. The term "likelihood," as used herein, pertains to the probability of a match between the prediction for an event and its actual occurrence. The likelihood statement assigns a measure for a "degree of belief" for the match between the prediction for the event and the actual occurrence of the event.

The likelihood statements in this Report are made qualitatively (expressed in words). The qualitative terms can be approximately related to quantitative percentages. The term "low likelihood" is used by EBS to approximate a percentage range of 10 to 20 percent; the term "moderate likelihood" refers to an approximate percentage range of 40 to 60 percent; and the term "high likelihood" refers to an approximate percentage range of 80 to 90 percent.

environmental business solutions

December 1, 2005

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2005 DEC 2 AM 11 17

Project Number: 01205536.00

HAILROOH

Mr. Nasser Sionit
County of San Diego
Department of Environmental Health
Site Assessment and Mitigation Program
1255 Imperial Avenue, Suite 300
San Diego, California 92101



An SCS Engineers Company

RE: Letter Report of a Review of Environmental Documentation

8799 Balboa Avenue
Suite 290
San Diego CA
92123

DEH Case #: H14775-001

**Site: Former Biogen Idec Facility
11011 Torreyana Road
San Diego, California (Site)**

T 858 571 5500

F 858 571 5357

Dear Mr. Sionit:

Enclosed please find an original set of figures to be included with the above mentioned report. Should you have questions please contact our office at your earliest convenience. We look forward to working with you on this important project!

providing
economic
environmental
solutions
to the business
community

Respectfully,
ENVIRONMENTAL BUSINESS SOLUTIONS
An SCS Engineers Company

Edward Bachta
Administration

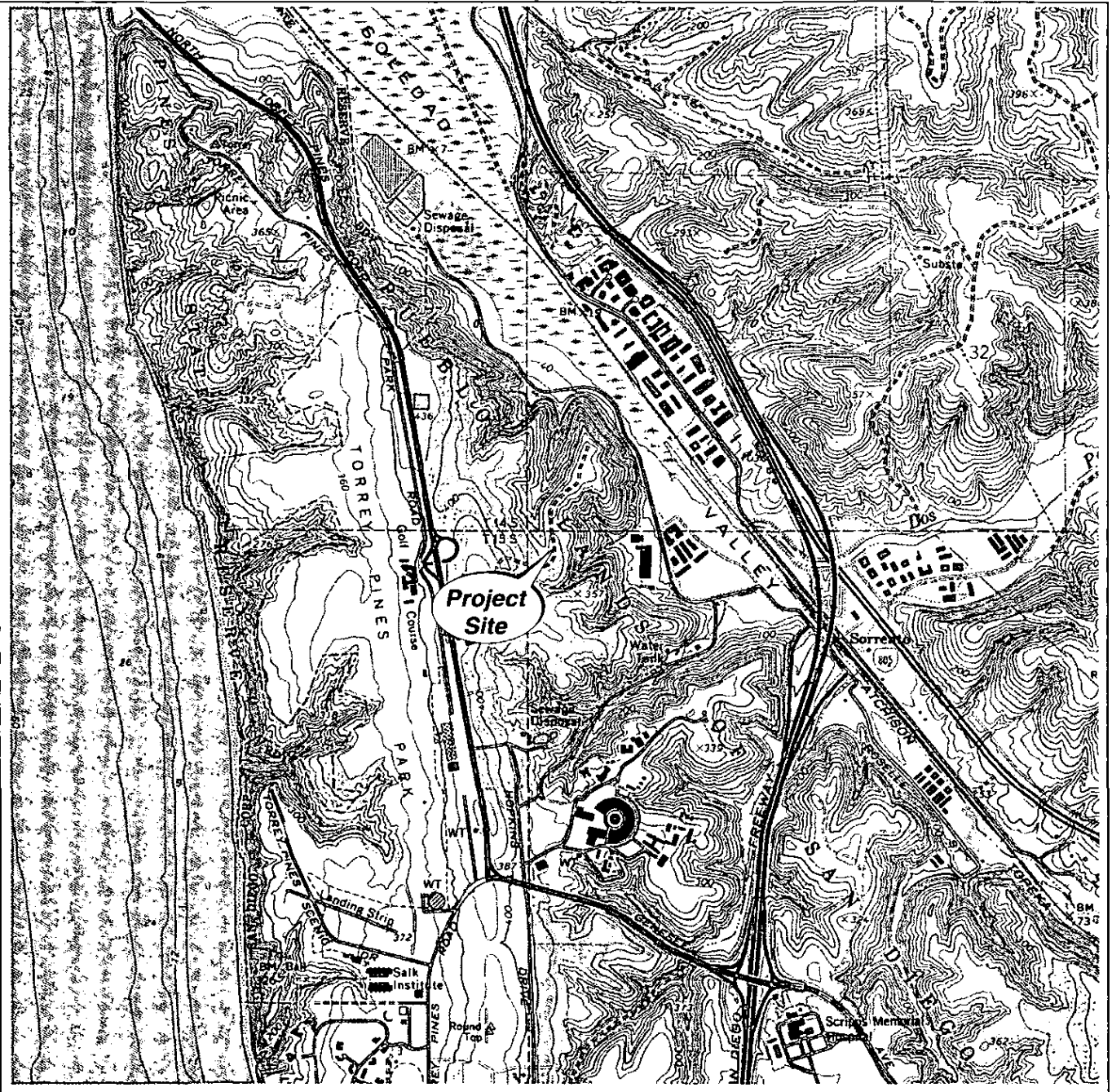
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FIGURES

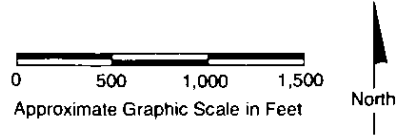
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2005 DEC 2 AM 11 17

MAILROOM



Reference:
 U.S.G.S. 7.5 Minute Quadrangle map
 Del Mar, California - 1977. Photo revised 1982.

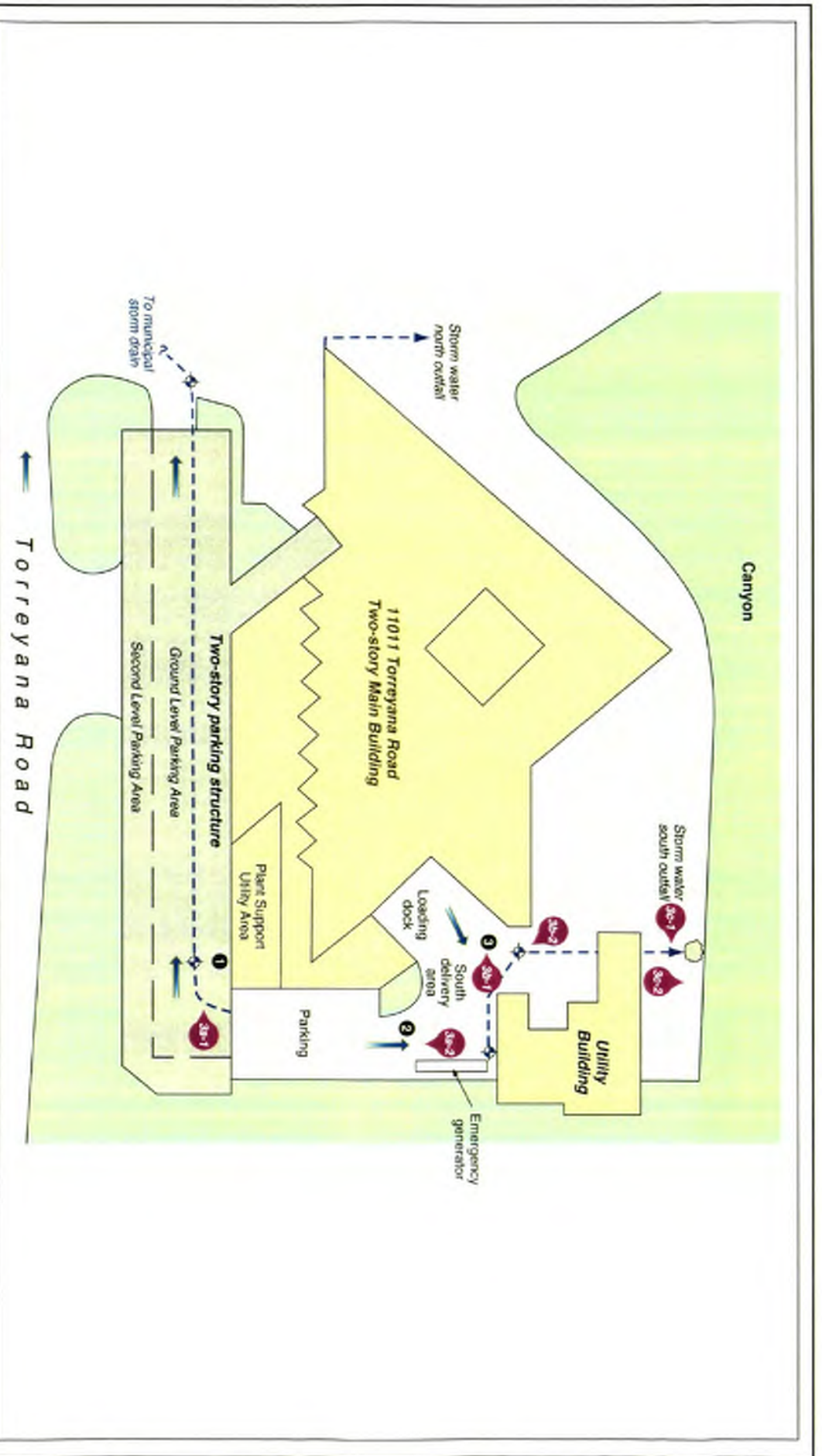


Disclaimer: This figure is based on available data. Actual conditions may differ. All locations and dimensions are approximate.



SITE LOCATION MAP
 Former Biogen Idec Facility
 11011 Torreyana Road
 San Diego, California

Project No.:
 01205536.00
Figure 1
Date Drafted:
 11/3/05



EXPLANATION

-  Storm water flow
-  Location and direction of See photograph
-  Approximate soil excavation area
-  Storm drain inlet
-  Storm drain piping

- 1 Approximate location of June 7, 1999 Serial release.
- 2 Approximate location of September 10, 1999 hydraulic oil release.
- 3 Approximate location of October 31, 2002 Mercara release.

North
No Scale

Disclaimer: This figure is based on available data. Actual conditions may differ. All locations and dimensions are approximate.



SITE AND SITE VICINITY PLAN
 Former Biogen Idc Facility
 11011 Torreyana Road
 San Diego, California

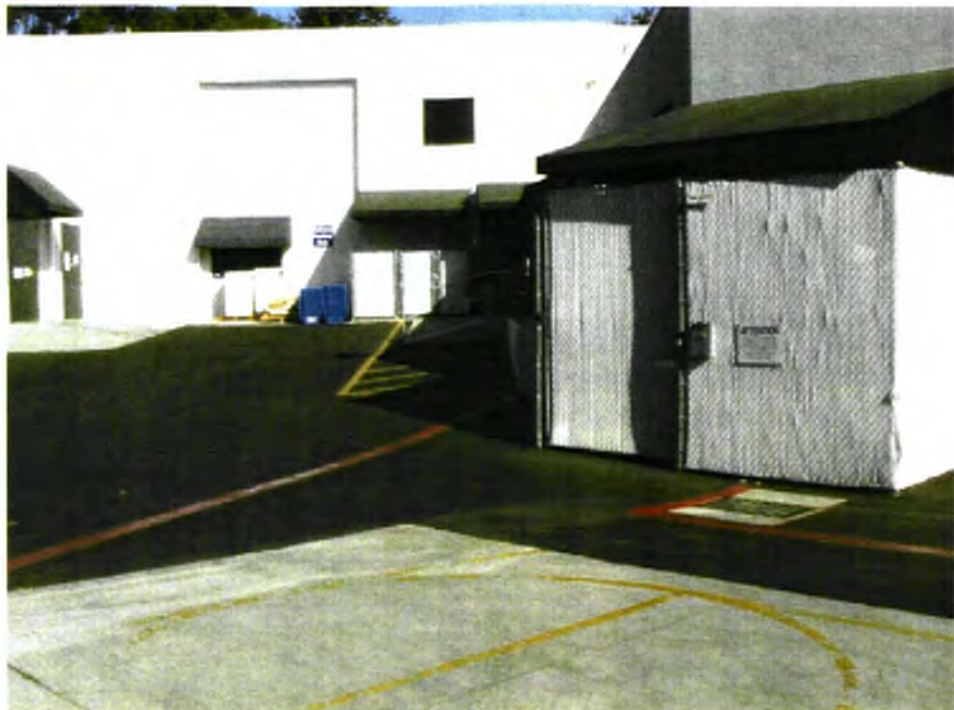
Project No.: 01205536.00	Figure 2
Date Drafted: 11/3/05	



1) View of south parking structure storm drain inlet (ground level) looking north.



2) View of south delivery area looking west.



1) View of south delivery area loading dock looking north.



2) View of south delivery area storm drain inlet looking west.



1) View of south storm water outfall looking south.



2) View of south storm water outfall looking east.

APPENDIX

APPENDIX A TIERED PERMITTING DOCUMENTATION

- **IDEC Notification Memo to DTSC**
- **2/19/1993 Onsite Hazardous Waste Treatment Notification Form**
- **8/2/1993 DTSC Acknowledgment of Units Operating Under Conditional Authorization and/or Conditional Exemption**
- **10/26/1993 IDEC Letter to DTSC Providing Updated Notification Form**
- **10/27/1993 Onsite Hazardous Waste Treatment Notification Form**
- **11/4/1993 DTSC Acknowledgment of Units Operating Under Conditional Authorization and/or Conditional Exemption**
- **3/20/2000 IDEC Letter to DEH Requesting Cancellation of Conditional Authorization Permit**
- **4/25/2000 DEH Compliance Inspection Report Accepting Claim of Exemption from Tiered Permitting**



11099 N. TORREY PINES RD. · STE. 160
LA JOLLA, CALIFORNIA 92037
619/458-0600 · FAX 619/546-9274

CAD 982410243

TO: Department of Toxic Substances Control
Onsite Hazardous Waste Treatment Unit
P.O. Box 806
Sacramento, CA 95812-0806

RE: IDEC Pharmaceuticals Corporation -
11011 Torreyana Road
La Jolla, Ca 92037

IDEC Pharmaceuticals Corporation will be occupying the 11011 Torreyana Road location upon completion in June 1993. We will begin neutralization of acid/alkaline (<10 %) at that time. There is no waste treatment now occurring at the current IDEC site.

All correspondence prior to June should be directed to the following address:

IDEC Pharmaceuticals
11099 N. Torrey Pines Road, Ste 160
La Jolla, CA 92037

Your cooperation is appreciated. If you have any questions, please contact me at (619) 458-0600. Thank you.

Sincerely,

M.C. Hull
M.C. Hull
Senior Manager, Biosafety

Check Number

ONSITE HAZARDOUS WASTE TREATMENT NOTIFICATION FORM FACILITY SPECIFIC NOTIFICATION

For Use by Hazardous Waste Generators Performing Treatment
Under Conditional Exemption and Conditional Authorization,
and by Permit By Rule Facilities

Initial
 Revised

Please refer to the attached Instructions before completing this form. You may notify for more than one permitting tier by using this notification form, DTSC 1772. You must attach a separate unit specific notification form for each unit at this location. There are different unit specific notification forms for each of the four categories and an additional notification form for transportable treatment units (TTU's). You only have to submit forms for the tier(s) that cover your unit(s). Discard or recycle the other unused forms. Number each page of your completed notification package and indicate the total number of pages at the top of each page at the 'Page ___ of ___'. Put your EPA ID Number on each page. Please provide all of the information requested; all fields must be completed except those that state 'if different' or 'if available'. Please type the information provided on this form and any attachments.

The notification will not be considered complete without payment of the appropriate fee for each tier under which you are operating. (Please note that the fee is per TIER not per UNIT. For example, if you operate 5 units but they are all Conditionally Authorized, you only owe \$1,140, NOT 5 times \$1,140. If you operate any Permit by Rule units and any units under Conditional Authorization you owe \$2,280.) Checks should be made payable to the Department of Toxic Substances Control and be stapled to the top of this form. Please write your EPA ID Number on the check. Fill in the check number in the box above.

I. NOTIFICATION CATEGORIES

Indicate the number of units you operate in each tier. This will also be the number of unit specific notification forms you must attach. Conditionally Exempt Small Quantity Treatment operations may not operate units under any other tier.

Number of units and attached unit specific notifications			Fee per Tier <small>(not per unit)</small>
A.	___	Conditionally Exempt-Small Quantity Treatment (Form DTSC 1772A)	\$ 100
B.	___	Conditionally Exempt-Specified Wastestream (Form DTSC 1772B)	\$ 100
C.	<u>1</u>	Conditionally Authorized (Form DTSC 1772C)	\$1,140
D.	___	Permit by Rule (Form DTSC 1772D)	\$1,140
	====		=====
	<u>1</u>	Total Number of Units	Total Fee Attached \$ <u>1,140</u>

II. GENERATOR IDENTIFICATION

EPA ID NUMBER CA 9 8 2 4 1 0 2 4 3

BOE NUMBER (if available) H 3 HQ 3 6 0 4 4 0 7 6

NAME (Company or Facility) IDEC PHARMACEUTICALS CORPORATION
(DBA-Doing Business As)
PHYSICAL LOCATION 11011 TORREYANA ROAD

CITY LA JOLLA CA ZIP 92037
COUNTY SAN DIEGO

CONTACT PERSON M.C. HULL PHONE NUMBER (619) 458-0600
(First Name) (Last Name)

For DTSC Use Only
Region _____

---Staple Check Here---

MAILING ADDRESS, IF DIFFERENT:

COMPANY NAME (DBA) _____
 STREET _____
 CITY _____ STATE _____ ZIP _____
 COUNTRY _____
(only complete if not USA)
 CONTACT PERSON _____ PHONE NUMBER(____) _____
(First Name) (Last Name)

III. TYPE OF COMPANY: STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODE:

Use either one or two SIC codes (a four digit number) that best describe your company's products, services, or industrial activity.

Example: 7384 Photofinishing lab 3672 Printed circuit boards
 First: 2836 PHARMACEUTICAL (R&D) Second: BIOTECHNOLOGY

IV. PRIOR PERMIT STATUS: Check yes or no to each question:

- | | | |
|--------------------------|-------------------------------------|--|
| YES | NO | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 1. Did you file a PBR Notice of Intent to Operate (DTSC Form 8462) in 1992 for this location? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 2. Do you now have or have you ever held a state or federal hazardous waste facility full permit or interim status for any of these treatment units? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 3. Do you now have or have you ever held a state or federal full permit or interim status for any other hazardous waste activities at this location? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 4. Have you ever held a variance issued by the Department of Toxic Substances Control for the treatment you are now notifying for at this location? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 5. Has this location ever been inspected by the state or any local agency as a hazardous waste generator? |

V. PRIOR ENFORCEMENT HISTORY: Not required from generators only notifying as conditionally exempt.

- | | | |
|--------------------------|--------------------------|---|
| YES | NO | |
| <input type="checkbox"/> | <input type="checkbox"/> | Within the last three years, has this facility been the subject of any convictions, judgments, settlements, or final orders resulting from an action by any local, state, or federal environmental, hazardous waste, or public health enforcement agency? |

(For the purposes of this form, a notice of violation does not constitute an order and need not be reported unless it was not corrected and became a final order.)

- If you answered Yes, check this box and attach a listing of convictions, judgments, settlements, or orders and a copy of the cover sheet from each document. (See the Instructions for more information)

VI. ATTACHMENTS:

1. A plot plan/map detailing the location(s) of the covered unit(s) in relation to the facility boundaries.
2. A unit specific notification form for each unit to be covered at this location.

VII. **CERTIFICATIONS:** *This form must be signed by an authorized corporate officer or any other person in the company who has operational control and performs decision-making functions that govern operation of the facility (per title 22, California Code of Regulations (CCR) section 66270.11). All three copies must have original signatures.*

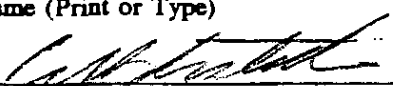
Waste Minimization I certify that I have a program in place to reduce the volume, quantity, and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment.

Tiered Permitting Certification I certify that the unit or units described in these documents meet the eligibility and operating requirements of state statutes and regulations for the indicated permitting tier, including generator and secondary containment requirements. I understand that if any of the units operate under Permit by Rule or Conditional Authorization, I will also be required to provide required financial assurances by January 1, 1994, and conduct a Phase I environmental assessment by January 1, 1995.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete.

I am aware that there are substantial penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

WILLIAM RASTETTER
Name (Print or Type)


Signature

PRESIDENT, CEO
Title

2/13/93
Date Signed

OPERATING REQUIREMENTS:

Please note that generators treating hazardous waste onsite are required to comply with a number of operating requirements which differ depending on the tier(s) under which one operates. These operating requirements are set forth in the statutes and regulations, some of which are referenced in the Tier-Specific Factsheets.

SUBMISSION PROCEDURES:

You must submit two copies of this completed notification by certified mail, return receipt requested, to:

*Department of Toxic Substances Control
Form 1772
Onsite Hazardous Waste Treatment Unit
400 P Street, 4th Floor (walk in only)
P.O. Box 806
Sacramento, CA 95812-0806.*

You must also submit one copy of the notification and attachments to the local regulatory agency in your jurisdiction as listed in the instruction materials. You must also retain a copy as part of your operating record.

All three forms must have original signatures, not photocopies.

CONDITIONALLY AUTHORIZED**UNIT SPECIFIC NOTIFICATION**

(pursuant to Health and Safety Code Section 25200.3)

UNIT NAME NEUTRALIZATION TANKUNIT ID NUMBER #1NUMBER OF TREATMENT DEVICES: 1 Tank(s) Container(s)

Each unit must be clearly identified and labeled on the plot plan attached to Form 1772. Assign your own unique number to each unit. The number can be sequential (1, 2, 3) or you may use any system you choose.

Enter the estimated monthly total volume of hazardous waste treated by this unit. This should be the maximum or highest amount treated in any month. Indicate in the narrative (Section II) if your operations have seasonal variations.

I. WASTESTREAMS AND TREATMENT PROCESSES:Estimated Monthly Total Volume Treated: pounds and/or 36,630 gallons

The following are the eligible wastestreams and treatment processes. Please check all applicable boxes:

1. Aqueous wastes hazardous solely due to inorganics constituents, except asbestos, listed in title 22, CCR, section 66261.24(a)(1)(B) or (a)(2)(A) and which contain less than 1,400 ppm total of these constituents. (There is no volume limit for this wastestream.) Treatment is using:
 - a. Phase separation, including precipitation, by filtration, centrifugation, or gravity settling, including the use of demulsifiers and flocculants.
 - b. Ion exchange, including metallic replacement,
 - c. Reverse osmosis
 - d. Adsorption
 - e. pH adjustment of aqueous waste with a pH of between 2.0 and 12.5
 - f. Electrowinning of solutions, unless those solutions contain hydrochloric acid
 - g. Reduction of solutions hazardous solely due to hexavalent chromium, to trivalent chromium with sodium bisulfite, sodium metabisulfite, sodium thiosulfate, ferrous chloride, ferrous sulfate, ferrous sulfide, or sulfur dioxide. The solution contains less than 750 ppm of hexavalent chromium.

2. Aqueous wastes hazardous solely due to organic constituents listed in title 22, CCR, section 66261.24(a)(1)(B) or (2)(B) and which contain less than 750 ppm total of these constituents. (There is no volume limit for this wastestream.) Treatment is using:
 - a. Phase separation by filtration, centrifugation, or gravity settling, but excluding super critical fluid extraction.
 - b. Adsorption

3. Sludges resulting from wastewater treatment, dusts, solid metal objects, and metal workings which are hazardous solely due to the presence of constituents, except asbestos, listed in title 22, CCR, section 66261.24(a)(1)(B) or (a)(2)(A) and which, for dusts only, contain less than 750 ppm total of these constituents. The monthly volume treated in this unit does not exceed 5,000 gallons or 45,000 pounds. Treatment is using:
 - a. Physical processes which constitute treatment only because they change the physical properties of the waste, such as filtration, centrifugation, gravity settling, grinding, shredding, crushing, or compacting.
 - b. Drying to remove water.
 - c. Separation based on differences in physical properties, such as size, magnetism, or density.

**CONDITIONALLY AUTHORIZED
UNIT SPECIFIC NOTIFICATION**
(pursuant to Health and Safety Code Section 25200.3)

4. Alum, gypsum, lime, sulfur, or phosphate sludges. The monthly volume treated in this unit does not exceed 5,000 gallons or 45,000 pounds. Treatment is using:
- a. Drying to remove water.
- b. Phase separation by filtration, centrifugation, or gravity settling.
5. Special wastes listed in title 22, CCR, section 66261.120 that meet the criteria in title 22, CCR, section 66261.122 which is hazardous solely due to the constituents, except asbestos, listed in title 22, CCR, section 66261.24(a)(1)(B) or (a)(2)(A) and which contain less than 750 ppm total of these constituents. The monthly volume treated in this unit does not exceed 5,000 gallons or 45,000 pounds. Treatment is using:
- a. Drying to remove water.
- b. Phase separation by filtration, centrifugation, or gravity settling.
- c. Screening to separate components based on size.
- d. Separation based on differences in physical properties, such as size, magnetism, or density.
6. Special wastes classified under title 22, CCR, section 66261.124 as special wastes, except asbestos, which is hazardous solely due to the constituents, except asbestos, listed in title 22, CCR, section 66261.24(a)(1)(B) or (a)(2)(A) and which contain less than 750 ppm total of these constituents. The monthly volume treated in this unit does not exceed 5,000 gallons or 45,000 pounds. Treatment is using:
- a. Drying to remove water.
- b. Phase separation by filtration, centrifugation, or gravity settling.
- c. Magnetic separation.
7. Soils contaminated with metals listed in title 22, CCR, section 66261.24 (a)(2)(A). The monthly volume treated in this unit does not exceed 5,000 gallons or 45,000 pounds. Treatment is using:
- a. Screening to separate components based on size.
- b. Magnetic separation.
8. Oil mixed with water and oil/water separation sludges. (There is no volume limit for this wastestream.) Treatment is using:
- a. Phase separation by filtration, centrifugation, or gravity settling, but excluding super critical fluid extraction, including the use of demulsifiers and flocculants. Heat can be used, but must not exceed 160 degrees Fahrenheit.
- b. Separation based on differences in physical properties, such as size, magnetism, or density.
- c. Reverse osmosis.
9. Neutralization of acidic or alkaline wastes, hazardous solely due to corrosivity or toxic only from the acid or caustic material, in elementary neutralization units. (There is no volume limit for this wastestream.)
- a. The waste contains less than 10 percent acid or base constituents by weight. There is no volume limit for this category.
- b. The waste contains 10 percent or more acid or base constituents by weight and is treated in batches that do not exceed 500 gallons at one time.
10. Recovery of silver from photofinishing. The volume limit for conditional authorization is 5,000 gallons per unit in any calendar month.
-

**CONDITIONALLY AUTHORIZED
UNIT SPECIFIC NOTIFICATION**
(pursuant to Health and Safety Code Section 25200.3)

11. Spent cleaners and conditioners which are hazardous solely due to copper or copper compounds with less than 5000 ppm copper. The volume limit for conditional authorization is 1,000 gallons of this wastestream per facility in any calendar month. (These cleaners are limited to surfactants and detergents and do not contain microetch, etchant, plating or metal stripping solutions or solutions containing oxidizers, or any cleaner based on organic solvents). (These wastestreams and processes are only conditionally authorized until January 1, 1995, unless extended by the Department.) Treatment is using:

- a. Phase separation, including precipitation, by filtration, centrifugation, or gravity settling, including the use of demulsifiers and flocculants.
- b. Ion exchange, including metallic replacement,
- c. Reverse osmosis
- d. Adsorption
- e. pH adjustment of aqueous waste with a pH of between 2.0 and 12.5
- f. Electrowinning of solutions, unless those solutions contain hydrochloric acid

II. **NARRATIVE DESCRIPTIONS:** *Provide a brief description of the specific waste treated and the treatment process used.*

- 1. SPECIFIC WASTE TYPES TREATED: SEE ATTACHMENT

- 2. TREATMENT PROCESS(ES) USED: SEE ATTACHMENT

III. **RESIDUAL MANAGEMENT:** *Check Yes or No to each question as it applies to all residuals from this treatment unit.*

- | | | |
|-------------------------------------|-------------------------------------|---|
| YES | NO | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1. Do you discharge non-hazardous aqueous waste to a publicly owned treatment works (POTW)/sewer? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 2. Do you discharge non-hazardous aqueous waste under an NPDES permit? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 3. Do you have your residual hazardous waste hauled offsite by a registered hazardous waste hauler?
If you do, where is the waste sent? <i>Check all that apply.</i> |
| | <input type="checkbox"/> | a. Offsite recycling |
| | <input type="checkbox"/> | b. Thermal treatment |
| | <input type="checkbox"/> | c. Disposal to land |
| | <input type="checkbox"/> | d. Further treatment |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 4. Do you dispose of non-hazardous solid waste residues at an offsite location? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 5. Other method of disposal. Specify: <u>N/A</u> |

**CONDITIONALLY AUTHORIZED
UNIT SPECIFIC NOTIFICATION**
(pursuant to Health and Safety Code)

IV. BASIS FOR NOT NEEDING A FEDERAL PERMIT:

In order to demonstrate eligibility for one of the onsite treatment tiers, facilities are required to provide the basis for determining that a hazardous waste permit is not required under the federal Resource Conservation and Recovery Act (RCRA) and the federal regulations adopted under RCRA (Title 40, Code of Federal Regulations (CFR)).

Choose the reason(s) that describe the operation of your onsite treatment units:

- 1. The hazardous waste being treated is not a hazardous waste under federal law although it is regulated as a hazardous waste under California state law.
- 2. The waste is treated in wastewater treatment units (tanks), as defined in 40 CFR Part 260.10, and discharged to a publicly owned treatment works (POTW)/sewering agency or under an NPDES permit. 40 CFR 264.1(g)(6) and 40 CFR 270.2.
- 3. The waste is treated in elementary neutralization units, as defined in 40 CFR Part 260.10, and discharged to a POTW/sewering agency or under an NPDES permit. 40 CFR 264.1(g)(6) and 40 CFR 270.2.
- 4. The waste is treated in a totally enclosed treatment facility as defined in 40 CFR Part 260.10; 40 CFR 264.1(g)(5).
- 5. The company generates no more than 100 kg (approximately 27 gallons) of hazardous waste in a calendar month and is eligible as a federal conditionally exempt small quantity generator. 40 CFR 260.10 and 40 CFR 261.5.
- 6. The waste is treated in an accumulation tank or container within 90 days for over 1000 kg/month generators and 180 or 270 days for generators of 100 to 1000 kg/month. 40 CFR 262.34, 40 CFR 270.1(c)(2)(i), and the Preamble to the March 24, 1986 Federal Register.
- 7. Recyclable materials are reclaimed to recover economically significant amounts of silver or other precious metals. 40 CFR 261.6(a)(2)(iv), 40 CFR 264.1(g)(2), and 40 CFR 266.70.
- 8. Empty container rinsing and/or treatment. 40 CFR 261.7.
- 9. Other: Specify: _____

V. TRANSPORTABLE TREATMENT UNIT: Check Yes or No. Please refer to the instructions for more information.

- | | | |
|--------------------------|-------------------------------------|--|
| YES | NO | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Is this unit a Transportable Treatment Unit? |

If you answered yes, you must also complete and attach Form 1772E to this page.

The Tier-Specific Factsheets contain a summary of the operating requirements for this category. Please review those requirements carefully before completing or submitting this notification package.

CAD 982410243

1. Specific waste types treated: General waste from the buffer prep and purification areas is collected into the general waste surge tank (this includes sinks, drains, tanks and clean steam condensate lines). Wastes from the fermentation tanks are first fed through a heat exchanger and raised to temperature of 80 C for a minimum of 45 seconds. The waste is then cooled and sent to the neutralization tank.

2. Treatment process(es) used: Waste neutralization is performed on a continuous overflow basis. A constant volume of approximately 100 - 150 gallons is automatically controlled at pH 6 to 8 with a maximum operating temperature of 60 C (140 F). As waste from the surge tanks (biological and general) is fed into the neutralization tank, redundant pH measurements are continuously made and concentrated acid (sulfuric or phosphoric) or 30% sodium hydroxide is pumped into the stirred neutralization tank, as necessary. Flow to the sewer will be provided on the controls and bypass valves to further protect against out-of-range waste flowing to the sewer. (estimated usage of acid = 50 - 150 gallons per month and the estimated usage for the caustic is approximately 50 - 100 gallons per month. A PLC will be used to control all aspects of the waste system including tank level controls, level alarms for the tanks and overflow pits, sumps and automated valve operation, temperature control and neutralization.

Separate containment areas for acids and caustics, designed to contain 150% of the volumes in the event of leakage will be in the mechanical areas. Waste pits for the biological and general waste tanks are each 12' X 7.5' X 12' deep, the biological pit is in the mechanical room and the general waste pit is located in the mechanical pad. Should it be necessary in the event of equipment failure, these pits could contain eight (8) tank volumes.

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

400 P Street, 4th Floor
P.O. Box 806
Sacramento, CA 95812-0806

(916) 323-5871



08/02/93

EPA ID: CAD982410243

IDEC PHARMACEUTICALS CORPORATION
M.C. HULL
11011 TORREYANA ROAD
LA JOLLA, CA 92037

For facility located at:

11011 TORREYANA ROAD
LA JOLLA, CA 92037

Authorization Date: 08/02/93

Dear Conditionally Authorized and/or Conditionally Exempt Facility:

**ACKNOWLEDGEMENT OF UNITS OPERATING UNDER CONDITIONAL AUTHORIZATION AND/OR
CONDITIONAL EXEMPTION**

The Department of Toxic Substances Control (DTSC) has received your facility specific notification (form DTSC 1772) and forms for Conditional Authorization and/or Conditional Exemption for Specified Wastestreams (form DTSC 1772B and/or 1772C). Your notifications are administratively complete, but have not been reviewed for technical adequacy. A technical review of your notifications will be conducted when an inspection is performed. At any time, you may be inspected and will be subject to penalty if violations of laws or regulations are found.

The Department acknowledges receipt of your completed notification for the treatment unit(s) listed on the last page of this letter. These units operating under Conditional Authorization or Conditional Exemption are authorized by California law without additional Department action, pursuant to Health and Safety Code sections 25200.3 and 25201.5. Your authorization to operate continues until you notify DTSC that you have stopped treating waste and have fully closed the unit(s). You will be charged annual fees calculated on a calendar year basis for each year you operate and have not notified DTSC that the units have been closed.

You must notify the DTSC 60 days before first treating hazardous wastes in any new unit. You must also notify the DTSC whenever any of the information you provided in these notifications changes. To revise information, mail a cover letter to the above address explaining the changes, attach only the pages of your notification package that have changed, and re-sign and date at the signature space on page 3 of form 1772.

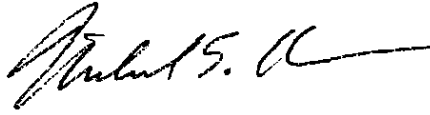
Your status to operate under Conditional Authorization and/or Conditional Exemption is contingent upon the accuracy of information submitted by you in the notifications mentioned above, and your compliance with all applicable requirements in the Health and Safety Code. Any misrepresentation or any failure to fully disclose all relevant facts shall render your authorization to operate null and void.

You are also required to properly close any treatment unit. Additional guidance on closure will be issued and distributed to all authorized onsite facilities later this year.



If you have any questions regarding this letter, or have questions on operating requirements for your facility, please contact the nearest DTSC regional office, or this office at the letterhead address or phone number.

Sincerely,



Michael S. Horner, Chief
Onsite Hazardous Waste Treatment Unit
Permit Streamlining Branch
Hazardous Waste Management Program

Enclosure

cc: SONIA LOW
DTSC REGION 4 OFFICE
SURVEILLANCE & ENFORCEMENT BR.
245 WEST BROADWAY, SUITE 350
LONG BEACH, CA 90802

1-310-590-4896

GARY STEPHANY
SAN DIEGO COUNTY
ENVIRONMENTAL HEALTH SERVICES
1255 IMPERIAL AVENUE, 4TH FLR
P.O. BOX 85261
SAN DIEGO, CA 92186-5261

ENCLOSURE 1

Units authorized to operate at this location:

UNDER CONDITIONAL AUTHORIZATION:

#1

UNDER CONDITIONAL EXEMPTION:



11011 TORREYANA ROAD
SAN DIEGO, CALIFORNIA 92121
619/550-8500 • FAX 619/550-8750

10/26/93

Mike Horner
Department of Toxic Substances Control
Onsite Hazardous Waste Treatment Unit
P.O. Box 806
Sacramento, CA 95812-0806

Reference: EPA # CAD 981-583-479

Dear Mike:

Enclosed please find an updated version of IDEC's Waste Treatment Notification Form. The original form had been submitted utilizing an EPA identification number that is no longer in effect. All other information on the form is correct. Please update your files with the current information.

If you have any questions, please contact me at 619-550-8670.

Sincerely,

A handwritten signature in black ink that reads "Mark Thompson". The signature is written in a cursive style with a prominent "M" and "T".

Mark Thompson
Environmental Health and Safety Officer

cc
Sonia Low
DTSC Region 4 Office
Surveillance & Enforcement Br.
245 West Broadway, Suite 350
Long Beach, CA 90802

Gary Stephany
San Diego County
Environmental Health Services
1255 Imperial Avenue, 4th Floor
P.O. Box 85261
San Diego CA 92186-5261

Check Number

ONSITE HAZARDOUS WASTE TREATMENT NOTIFICATION FORM

FACILITY SPECIFIC NOTIFICATION

For Use by Hazardous Waste Generators Performing Treatment
Under Conditional Exemption and Conditional Authorization,
and by Permit By Rule Facilities

Initial
 Revised

Please refer to the attached Instructions before completing this form. You may notify for more than one permitting tier by using this notification form, DTSC 1772. You must attach a separate unit specific notification form for each unit at this location. There are different unit specific notification forms for each of the four categories and an additional notification form for transportable treatment units (TTU's). You only have to submit forms for the tier(s) that cover your unit(s). Discard or recycle the other unused forms. Number each page of your completed notification package and indicate the total number of pages at the top of each page at the 'Page ___ of ___'. Put your EPA ID Number on each page. Please provide all of the information requested; all fields must be completed except those that state 'if different' or 'if available'. Please type the information provided on this form and any attachments.

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I. NOTIFICATION CATEGORIES

Indicate the number of units you operate in each tier. This will also be the number of unit specific notification forms you must attach. Conditionally Exempt Small Quantity Treatment operations may not operate units under any other tier.

Number of units and attached unit specific notifications			Fee per Tier (not per unit)
A.	___	Conditionally Exempt-Small Quantity Treatment (Form DTSC 1772A)	\$ 100
B.	___	Conditionally Exempt-Specified Wastestream (Form DTSC 1772B)	\$ 100
C.	<u>1</u>	Conditionally Authorized (Form DTSC 1772C)	\$1,140
D.	___	Permit by Rule (Form DTSC 1772D)	\$1,140
	====		=====
	___	Total Number of Units	Total Fee Attached \$ _____

II. GENERATOR IDENTIFICATION

EPA ID NUMBER CAD 9 8 1 5 8 3 4 7 9 BOE NUMBER (if available) HAHQ 3 6 0 4 4 0. 7 6

NAME (Company or Facility) IDEC Pharmaceuticals Corporation
(DBA-Doing Business As)
PHYSICAL LOCATION 11011 Torreyana Road

CITY San Diego CA ZIP 92121

COUNTY San Diego

CONTACT PERSON Mark Thompson PHONE NUMBER (619) 550-9670
(First Name) (Last Name)

For DTSC Use Only
Region _____

Staple Check here

MAILING ADDRESS, IF DIFFERENT:

COMPANY NAME (DBA) _____

STREET _____

CITY _____ STATE _____ ZIP _____

COUNTRY _____
(only complete if not USA)

CONTACT PERSON _____ PHONE NUMBER(_____) _____
(First Name) (Last Name)

III. TYPE OF COMPANY: STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODE:

Use either one or two SIC codes (a four digit number) that best describe your company's products, services, or industrial activity.

Example: 7384 Photofinishing lab 3672 Printed circuit boards

First: 2836 Pharmaceutical Second: Biotechnology

IV. PRIOR PERMIT STATUS: Check yes or no to each question:

- | YES | NO | |
|--------------------------|-------------------------------------|--|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 1. Did you file a PBR Notice of Intent to Operate (DTSC Form 8462) in 1992 for this location? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 2. Do you now have or have you ever held a state or federal hazardous waste facility full permit or interim status for any of these treatment units? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 3. Do you now have or have you ever held a state or federal full permit or interim status for any other hazardous waste activities at this location? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 4. Have you ever held a variance issued by the Department of Toxic Substances Control for the treatment you are now notifying for at this location? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 5. Has this location ever been inspected by the state or any local agency as a hazardous waste generator? |

V. PRIOR ENFORCEMENT HISTORY: Not required from generators only notifying as conditionally exempt.

YES NO

Within the last three years, has this facility been the subject of any convictions, judgments, settlements, or final orders resulting from an action by any local, state, or federal environmental, hazardous waste, or public health enforcement agency?

(For the purposes of this form, a notice of violation does not constitute an order and need not be reported unless it was not corrected and became a final order.)

If you answered Yes, check this box and attach a listing of convictions, judgments, settlements, or orders and a copy of the cover sheet from each document. (See the Instructions for more information)

VI. ATTACHMENTS:

1. A plot plan/map detailing the location(s) of the covered unit(s) in relation to the facility boundaries.
2. A unit specific notification form for each unit to be covered at this location.

VII. **CERTIFICATIONS:** *This form must be signed by an authorized corporate officer or any other person in the company who has operational control and performs decision-making functions that govern operation of the facility (per title 22, California Code of Regulations (CCR) section 66270.11). All three copies must have original signatures.*

Waste Minimization I certify that I have a program in place to reduce the volume, quantity, and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment.

Tiered Permitting Certification I certify that the unit or units described in these documents meet the eligibility and operating requirements of state statutes and regulations for the indicated permitting tier, including generator and secondary containment requirements. I understand that if any of the units operate under Permit by Rule or Conditional Authorization, I will also be required to provide required financial assurances by January 1, 1994, and conduct a Phase I environmental assessment by January 1, 1995.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete.

I am aware that there are substantial penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Chris Burman
Name (Print or Type)

V.P. Manufacturing Sciences
Title

CBurman
Signature

10-27-93
Date Signed

OPERATING REQUIREMENTS:

Please note that generators treating hazardous waste onsite are required to comply with a number of operating requirements which differ depending on the tier(s) under which one operates. These operating requirements are set forth in the statutes and regulations, some of which are referenced in the Tier-Specific Factsheets.

SUBMISSION PROCEDURES:

You must submit two copies of this completed notification by certified mail, return receipt requested, to:

Department of Toxic Substances Control
Form 1772
Onsite Hazardous Waste Treatment Unit
400 P Street, 4th Floor (walk in only)
P.O. Box 806
Sacramento, CA 95812-0806.

You must also submit one copy of the notification and attachments to the local regulatory agency in your jurisdiction as listed in the instruction materials. You must also retain a copy as part of your operating record.

All three forms must have original signatures, not photocopies.

CONDITIONALLY AUTHORIZED
UNIT SPECIFIC NOTIFICATION
 (pursuant to Health and Safety Code Section 25200.3)

UNIT NAME Neutralization TankUNIT ID NUMBER #1NUMBER OF TREATMENT DEVICES: 1 Tank(s) _____ Container(s)

Each unit must be clearly identified and labeled on the plot plan attached to Form 1772. Assign your own unique number to each unit. The number can be sequential (1, 2, 3) or you may use any system you choose.

Enter the estimated monthly total volume of hazardous waste treated by this unit. This should be the maximum or highest amount treated in any month. Indicate in the narrative (Section II) if your operations have seasonal variations.

I. WASTESTREAMS AND TREATMENT PROCESSES:Estimated Monthly Total Volume Treated: _____ pounds and/or 36,630 gallons

The following are the eligible wastestreams and treatment processes. Please check all applicable boxes:

1. Aqueous wastes hazardous solely due to inorganics constituents, except asbestos, listed in title 22, CCR, section 66261.24(a)(1)(B) or (a)(2)(A) and which contain less than 1,400 ppm total of these constituents. (There is no volume limit for this wastestream.) Treatment is using:
 - a. Phase separation, including precipitation, by filtration, centrifugation, or gravity settling, including the use of demulsifiers and flocculants.
 - b. Ion exchange, including metallic replacement,
 - c. Reverse osmosis
 - d. Adsorption
 - e. pH adjustment of aqueous waste with a pH of between 2.0 and 12.5
 - f. Electrowinning of solutions, unless those solutions contain hydrochloric acid
 - g. Reduction of solutions hazardous solely due to hexavalent chromium, to trivalent chromium with sodium bisulfite, sodium metabisulfite, sodium thiosulfate, ferrous chloride, ferrous sulfate, ferrous sulfide, or sulfur dioxide. The solution contains less than 750 ppm of hexavalent chromium.

2. Aqueous wastes hazardous solely due to organic constituents listed in title 22, CCR, section 66261.24(a)(1)(B) or (2)(B) and which contain less than 750 ppm total of these constituents. (There is no volume limit for this wastestream.) Treatment is using:
 - a. Phase separation by filtration, centrifugation, or gravity settling, but excluding super critical fluid extraction.
 - b. Adsorption

3. Sludges resulting from wastewater treatment, dusts, solid metal objects, and metal workings which are hazardous solely due to the presence of constituents, except asbestos, listed in title 22, CCR, section 66261.24(a)(1)(B) or (a)(2)(A) and which, for dusts only, contain less than 750 ppm total of these constituents. The monthly volume treated in this unit does not exceed 5,000 gallons or 45,000 pounds. Treatment is using:
 - a. Physical processes which constitute treatment only because they change the physical properties of the waste, such as filtration, centrifugation, gravity settling, grinding, shredding, crushing, or compacting.
 - b. Drying to remove water.
 - c. Separation based on differences in physical properties, such as size, magnetism, or density.

**CONDITIONALLY AUTHORIZED
UNIT SPECIFIC NOTIFICATION**
(pursuant to Health and Safety Code Section 25200.3)

4. Alum, gypsum, lime, sulfur, or phosphate sludges. The monthly volume treated in this unit does not exceed 5,000 gallons or 45,000 pounds. Treatment is using:
- a. Drying to remove water.
- b. Phase separation by filtration, centrifugation, or gravity settling.
5. Special wastes listed in title 22, CCR, section 66261.120 that meet the criteria in title 22, CCR, section 66261.122 which is hazardous solely due to the constituents, except asbestos, listed in title 22, CCR, section 66261.24(a)(1)(B) or (a)(2)(A) and which contain less than 750 ppm total of these constituents. The monthly volume treated in this unit does not exceed 5,000 gallons or 45,000 pounds. Treatment is using:
- a. Drying to remove water.
- b. Phase separation by filtration, centrifugation, or gravity settling.
- c. Screening to separate components based on size.
- d. Separation based on differences in physical properties, such as size, magnetism, or density.
6. Special wastes classified under title 22, CCR, section 66261.124 as special wastes, except asbestos, which is hazardous solely due to the constituents, except asbestos, listed in title 22, CCR, section 66261.24(a)(1)(B) or (a)(2)(A) and which contain less than 750 ppm total of these constituents. The monthly volume treated in this unit does not exceed 5,000 gallons or 45,000 pounds. Treatment is using:
- a. Drying to remove water.
- b. Phase separation by filtration, centrifugation, or gravity settling.
- c. Magnetic separation.
7. Soils contaminated with metals listed in title 22, CCR, section 66261.24 (a)(2)(A). The monthly volume treated in this unit does not exceed 5,000 gallons or 45,000 pounds. Treatment is using:
- a. Screening to separate components based on size.
- b. Magnetic separation.
8. Oil mixed with water and oil/water separation sludges. (There is no volume limit for this wastestream.) Treatment is using:
- a. Phase separation by filtration, centrifugation, or gravity settling, but excluding super critical fluid extraction, including the use of demulsifiers and flocculants. Heat can be used, but must not exceed 160 degrees Fahrenheit.
- b. Separation based on differences in physical properties, such as size, magnetism, or density.
- c. Reverse osmosis.
9. Neutralization of acidic or alkaline wastes, hazardous solely due to corrosivity or toxic only from the acid or caustic material, in elementary neutralization units. (There is no volume limit for this wastestream.)
- a. The waste contains less than 10 percent acid or base constituents by weight. There is no volume limit for this category.
- b. The waste contains 10 percent or more acid or base constituents by weight and is treated in batches that do not exceed 500 gallons at one time.
10. Recovery of silver from photofinishing. The volume limit for conditional authorization is 5,000 gallons per unit in any calendar month.
-

**CONDITIONALLY AUTHORIZED
UNIT SPECIFIC NOTIFICATION**
(pursuant to Health and Safety Code Section 25200.3)

11. Spent cleaners and conditioners which are hazardous solely due to copper or copper compounds with less than 5000 ppm copper. The volume limit for conditional authorization is 1,000 gallons of this wastestream per facility in any calendar month. (These cleaners are limited to surfactants and detergents and do not contain microetch, etchant, plating or metal stripping solutions or solutions containing oxidizers, or any cleaner based on organic solvents). (These wastestreams and processes are only conditionally authorized until January 1, 1995, unless extended by the Department.) Treatment is using:

- a. Phase separation, including precipitation, by filtration, centrifugation, or gravity settling, including the use of demulsifiers and flocculants.
- b. Ion exchange, including metallic replacement,
- c. Reverse osmosis
- d. Adsorption
- e. pH adjustment of aqueous waste with a pH of between 2.0 and 12.5
- f. Electrowinning of solutions, unless those solutions contain hydrochloric acid

II. **NARRATIVE DESCRIPTIONS:** *Provide a brief description of the specific waste treated and the treatment process used.*

- 1. SPECIFIC WASTE TYPES TREATED: See Attachment

- 2. TREATMENT PROCESS(ES) USED: See Attachment

III. **RESIDUAL MANAGEMENT:** *Check Yes or No to each question as it applies to all residuals from this treatment unit.*

- | YES | NO | |
|-------------------------------------|-------------------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1. Do you discharge non-hazardous aqueous waste to a publicly owned treatment works (POTW)/sewer? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 2. Do you discharge non-hazardous aqueous waste under an NPDES permit? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 3. Do you have your residual hazardous waste hauled offsite by a registered hazardous waste hauler?
If you do, where is the waste sent? <i>Check all that apply.</i> |
| | <input type="checkbox"/> | a. Offsite recycling |
| | <input type="checkbox"/> | b. Thermal treatment |
| | <input type="checkbox"/> | c. Disposal to land |
| | <input type="checkbox"/> | d. Further treatment |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 4. Do you dispose of non-hazardous solid waste residues at an offsite location? |
| <input type="checkbox"/> | <input type="checkbox"/> | 5. Other method of disposal. Specify: <u>N/A</u> |

**CONDITIONALLY AUTHORIZED
UNIT SPECIFIC NOTIFICATION**
(pursuant to Health and Safety Code)

IV. BASIS FOR NOT NEEDING A FEDERAL PERMIT:

In order to demonstrate eligibility for one of the onsite treatment tiers, facilities are required to provide the basis for determining that a hazardous waste permit is not required under the federal Resource Conservation and Recovery Act (RCRA) and the federal regulations adopted under RCRA (Title 40, Code of Federal Regulations (CFR)).

Choose the reason(s) that describe the operation of your onsite treatment units:

- 1. The hazardous waste being treated is not a hazardous waste under federal law although it is regulated as a hazardous waste under California state law.
- 2. The waste is treated in wastewater treatment units (tanks), as defined in 40 CFR Part 260.10, and discharged to a publicly owned treatment works (POTW)/sewering agency or under an NPDES permit. 40 CFR 264.1(g)(6) and 40 CFR 270.2.
- 3. The waste is treated in elementary neutralization units, as defined in 40 CFR Part 260.10, and discharged to a POTW/sewering agency or under an NPDES permit. 40 CFR 264.1(g)(6) and 40 CFR 270.2.
- 4. The waste is treated in a totally enclosed treatment facility as defined in 40 CFR Part 260.10; 40 CFR 264.1(g)(5).
- 5. The company generates no more than 100 kg (approximately 27 gallons) of hazardous waste in a calendar month and is eligible as a federal conditionally exempt small quantity generator. 40 CFR 260.10 and 40 CFR 261.5.
- 6. The waste is treated in an accumulation tank or container within 90 days for over 1000 kg/month generators and 180 or 270 days for generators of 100 to 1000 kg/month. 40 CFR 262.34, 40 CFR 270.1(c)(2)(i), and the Preamble to the March 24, 1986 Federal Register.
- 7. Recyclable materials are reclaimed to recover economically significant amounts of silver or other precious metals. 40 CFR 261.6(a)(2)(iv), 40 CFR 264.1(g)(2), and 40 CFR 266.70.
- 8. Empty container rinsing and/or treatment. 40 CFR 261.7.
- 9. Other: Specify: _____

V. TRANSPORTABLE TREATMENT UNIT: Check Yes or No. Please refer to the instructions for more information.

YES NO

- Is this unit a Transportable Treatment Unit?

If you answered yes, you must also complete and attach Form 1772E to this page.

The Tier-Specific Factsheets contain a summary of the operating requirements for this category. Please review those requirements carefully before completing or submitting this notification package.

1. **Specific waste types treated:** General waste from the buffer prep and purification areas is collected into the general waste surge tank (this includes sinks, drains, tanks and clean steam condensate lines). Wastes from the fermentation tanks are first fed through a heat exchanger and raised to temperature of 80 C for a minimum of 45 seconds. The waste is then cooled and sent to the neutralization tank.

2. **Treatment process(es) used:** Waste neutralization is performed on a continuous overflow basis. A constant volume of approximately 100 - 150 gallons is automatically controlled at pH 6 to 8 with a maximum operating temperature of 60 C (140 F). As waste from the surge tanks (biological and general) is fed into the neutralization tank, redundant pH measurements are continuously made and concentrated acid (sulfuric or phosphoric) or 30% sodium hydroxide is pumped into the stirred neutralization tank, as necessary. Flow to the sewer will be provided on the controls and bypass valves to further protect against out-of-range waste flowing to the sewer. (estimated usage of acid = 50 - 150 gallons per month and the estimated usage for the caustic is approximately 50 - 100 gallons per month. A PLC will be used to control all aspects of the waste system including tank level controls, level alarms for the tanks and overflow pits, sumps and automated valve operation, temperature control and neutralization.

Separate containment areas for acids and caustics, designed to contain 150% of the volumes in the event of leakage will be in the mechanical areas. Waste pits for the biological and general waste tanks are each 12' X 7.5' X 12' deep, the biological pit is in the mechanical room and the general waste pit is located in the mechanical pad. Should it be necessary in the event of equipment failure, these pits could contain eight (8) tank volumes.

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

400 P Street, 4th Floor
P.O. Box 806
Sacramento, CA 95812-0806



(916) 323-5871

11/04/93

EPA ID: CAD981583479

IDEC PHARMACEUTICALS CORPORATION
M.C. HULL
11011 TORREYANA ROAD
LA JOLLA, CA 92037

For facility located at:

11011 TORREYANA ROAD
LA JOLLA, CA 92037

Authorization Date: 08/02/93

Dear Conditionally Authorized and/or Conditionally Exempt Facility:

ACKNOWLEDGEMENT OF UNITS OPERATING UNDER CONDITIONAL AUTHORIZATION AND/OR CONDITIONAL EXEMPTION

The Department of Toxic Substances Control (DTSC) has received your facility specific notification (form DTSC 1772) and forms for Conditional Authorization and/or Conditional Exemption for Specified Wastestreams (form DTSC 1772B and/or 1772C). Your notifications are administratively complete, but have not been reviewed for technical adequacy. A technical review of your notifications will be conducted when an inspection is performed. At any time, you may be inspected and will be subject to penalty if violations of laws or regulations are found.

The Department acknowledges receipt of your completed notification for the treatment unit(s) listed on the last page of this letter. These units operating under Conditional Authorization or Conditional Exemption are authorized by California law without additional Department action, pursuant to Health and Safety Code sections 25200.3 and 25201.5. Your authorization to operate continues until you notify DTSC that you have stopped treating waste and have fully closed the unit(s). You will be charged annual fees calculated on a calendar year basis for each year you operate and have not notified DTSC that the units have been closed.

You must notify the DTSC 60 days before first treating hazardous wastes in any new unit. You must also notify the DTSC whenever any of the information you provided in these notifications changes. To revise information, mail a cover letter to the above address explaining the changes, attach only the pages of your notification package that have changed, and re-sign and date at the signature space on page 3 of form 1772.

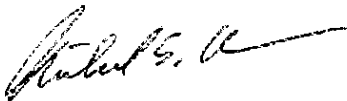
Your status to operate under Conditional Authorization and/or Conditional Exemption is contingent upon the accuracy of information submitted by you in the notifications mentioned above, and your compliance with all applicable requirements in the Health and Safety Code. Any misrepresentation or any failure to fully disclose all relevant facts shall render your authorization to operate null and void.

You are also required to properly close any treatment unit. Additional guidance on closure will be issued and distributed to all authorized onsite facilities later this year.



If you have any questions regarding this letter, or have questions on operating requirements for your facility, please contact the nearest DTSC regional office, or this office at the letterhead address or phone number.

Sincerely,



Michael S. Horner, Chief
Onsite Hazardous Waste Treatment Unit
Permit Streamlining Branch
Hazardous Waste Management Program

Enclosure

cc: SONIA LOW
DTSC REGION 4 OFFICE
SURVEILLANCE & ENFORCEMENT BR.
245 WEST BROADWAY, SUITE 350
LONG BEACH, CA 90802

GARY STEPHANY
SAN DIEGO COUNTY
ENVIRONMENTAL HEALTH SERVICES
1255 IMPERIAL AVENUE, 4TH FLR
P.O. BOX 85261
SAN DIEGO, CA 92186-5261

ENCLOSURE 1

Units authorized to operate at this location:

UNDER CONDITIONAL AUTHORIZATION:

#1

UNDER CONDITIONAL EXEMPTION:

3/20/00

Mr. Peter Neubauer
County of San Diego
Department of Environmental Health, HMMD
1225 Imperial Avenue
P.O. Box 129261
San Diego, CA 92123 - 1119

Dear, Peter,

IDEC Pharmaceuticals is herein requesting cancellation of the Conditional Authorization permit issued to IDEC by the California Department of Toxic Substance Control for treatment of hazardous waste generated at 11011 Torreyana Road. IDEC is making this request in accordance with Section 25201.15 of the Health and Safety Code, Division 20, Chapter 6.5 (attached). In accordance with §25201.15 IDEC claims exemption from the tiered permit system; however, IDEC will continue to carryout elementary waste neutralization via its fixed treatment unit in order to comply with the Industrial Discharge permit issued by the City of San Diego, Metropolitan Industrial Waste Program. The operation of this unit shall be carried out in accordance with part (d) of §25201.15.

If you have any further questions please contact me at 858-431-8822.

Sincerely,



Mark Thompson
Sr. Manager, EH&S

§25201.15. [Definitions; biotechnology elementary neutralization activities—exemptions; operator requirements; notice requirements]

(a) For the purposes of this section, the following terms have the following meaning:

(1) "Biotechnology manufacturing or biotechnology process development activities" means activities conducted in SIC Code Subgroups 283, 2833, 2834, 2835, 2836, 8731, 8732, and 8733, including manufacturing and process development of medicinal chemicals and botanical products, pharmaceutical preparations, in vitro and in vivo diagnostic substances, and biological products, and all associated equipment and vessel cleaning and maintenance operations.

(2) "Biotechnology elementary neutralization activities" means the elementary neutralization of wastes generated by biotechnology manufacturing or biotechnology process development activities.

(3) "SIC Code" has the same meaning as defined in subdivision (t) of Section 25501.

(b) The Legislature hereby finds and declares that the biotechnology industry's elementary neutralization of hazardous wastes is a common, safe, and standard practice that typically occurs in a wastewater collection system, and which does not warrant extensive regulatory oversight.

(c) Biotechnology elementary neutralization activities are exempt from any requirement imposed pursuant to this chapter, including any regulation adopted pursuant to this chapter, that relates to generators, tanks, and tank systems, and the requirement to obtain a hazardous waste facilities permit or other grant of authorization from the department, except as otherwise provided in subdivision (d), if all of the following conditions are met:

(1) A permit is not required to conduct elementary neutralization under the federal act.

(2) The hazardous wastes are hazardous solely due to acidic or alkaline materials, and are generated by biotechnology process manufacturing or biotechnology process development activities.

(3) Either of the following applies with regard to the biotechnology elementary neutralization activity:

(A) The hazardous wastes in the elementary neutralization unit do not contain more than 10 percent by weight acid or alkaline constituents.

(B) The generator of the hazardous wastes determines that the elementary neutralization process will not raise the temperature of the hazardous wastes to within 10 degrees of the boiling point or cause the release of hazardous gaseous emissions, using either constituent-specific concentration limits or calculations. The generator shall make these calculations in accordance with the regulations adopted by the department, if the department adopts those regulations.

(4) The hazardous wastes are not diluted for the sole purpose of meeting the criteria specified in subparagraph (A) of paragraph (3) and after neutralization the wastewaters do not exhibit the characteristic of corrosivity, as defined in Section 66261.22 of Title 22 of the California Code of Regulations, or any successor regulation.

(5) The temperature of any unit 100 gallons or larger is automatically monitored, and is fitted with a high temperature alarm system, and for closed systems, the unit automatically controls the adding and mixing of corrosive and neutralizing solutions.

(d) The operator of an elementary neutralization unit exempt under this section shall comply with the following requirements:

(1) An operator of an elementary neutralization unit subject to this section shall successfully complete a program of classroom instruction or on-the-job training that includes, at a minimum, instruction for responding effectively to emergencies by familiarizing personnel with emergency procedures, emergency equipment, and emergency systems, including, where applicable, procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment, communications, or alarm systems.

(2) Within 10 days of commencing initial operation of the unit, or within any other time period that may be required by the CUPA, the operator shall notify the CUPA of the commencement of operation of the unit under the exemption made pursuant to this section. If the operator is not under the jurisdiction of a CUPA, the notice shall be sent to the officer of the agency authorized, pursuant to subdivision (f) of Section 25404.3, to implement and enforce the requirements of this chapter listed in paragraph (2) of subdivision (c) of Section 25404.

(e) Notwithstanding any other provision of law, unless required by federal law, biotechnology elementary neutralization activities satisfying the requirements of subdivisions (c) and (d) are exempt from any statute or any regulation adopted pursuant to state law requiring the elementary neutralization unit to have secondary containment for piping or ancillary equipment, including, but not limited to, a regulation adopted by the State Water Resources Control Board, the department, or any other state agency.

APPENDIX B

TIERED PERMITTING ASSESSMENT DOCUMENTATION

- **5/1/2000 IDEC Letter to DTSC Providing Phase I Checklist**
- **Tiered Permitting Phase I Environmental Assessment Checklist**
- **11/8/2002 DTSC Letter Requesting Submittal of a Further Investigation Questionnaire**
- **12/2/2002 IDEC Letter to DTSC Providing Further Investigation Questionnaire**
- **12/2/2002 Further Investigation Questionnaire**



3030 CALLAN ROAD
SAN DIEGO, CALIFORNIA 92121
858/431-8500 • FAX 858/431-8887

5/1/00

Ms. Sonia Low
Section Chief
Southern California Branch
State Regulatory Programs Division
5796 Corporate Avenue
Cypress, CA 90630

Via Certified Mail

Dear Ms. Low:

IDEC Pharmaceuticals has received the Summary of Violation dated April 7, 2000, and has completed the Phase 1 Checklist provided by your department. Enclosed is a copy of the Phase 1 Checklist for your records.

With regard to the Summary of Violation, I would like to point out the following information. In a telephone conversation with Mr. Nebu John on April 20, 2000 I discussed the reason why IDEC had not previously filed the Phase 1 Checklist. As I mentioned to him at that time, until his initial phone call to me earlier in the month I was under the impression that the deadline for submitting the Phase 1 Checklist had been once again extended by DTSC.

I have been tracking the department's development of the Phase 1 Checklist since 1993, at which time the filing deadline was delayed until January 1, 1995. In 1994 the reporting deadline was once again extended, this time from January 1, 1995 to January 1, 1997. It was my understanding that the filing deadline was further delayed beyond January 1, 1997. In February, 1998 I spoke with a Mr. Nabil Yacoub from your Cypress office on this matter. At that time I was involved in preparing the Certification of Financial Assurance (CFA) documentation on IDEC's treatment unit for submission to DTSC. During this conversation Mr. Yacoub indicated that it was appropriate for IDEC to delay submitting any information related to the Phase 1 Checklist because the department had not yet finalized the checklist format. Based on our conversation and Mr. Yacoub's assurances I did not submit any information related to the Phase 1 Checklist. Otherwise, I would have readily submitted the Phase 1 Checklist along with our CFA documentation.

With regard to the checklist and reminder correspondence mentioned in your April 7, 2000 letter I have no record of having received either the checklist or reminder. IDEC has complied with the conditions of the Conditional Authorization permit since its issuance in 1993, and would have filed the Phase 1 Checklist had the deadline not been extended, or if we had received your Checklist in 1996, or the 1997 reminder correspondence.

During my conversation with Mr. Yacoub in March, 1998 I mentioned that there was an effort underway in the California Senate to exempt biotechnology wastewater management operations from the tiered permit system. SB 1135 was approved and the Health and Safety Code modified based on the finding that the types of elementary waste neutralization carried by the biotech industry are common, safe, and standardized practices which do not warrant extensive regulatory oversight. In March, 2000 IDEC requested cancellation of it's Conditional Authorization permit through correspondence with the County of San Diego Department of Environmental Health, Hazardous Materials Management Division (HMMD); this request was made pursuant to Section 25201.15 of the Health and Safety Code, Division 20, Chapter 6.5. On April 25, 2000 I met with the San Diego County HMMD at which time they approved IDEC's request to cancel the permit.

In my conversation with Mr. John on April 20, he mentioned that IDEC would be receiving an enforcement notice on this matter, and that I would be given the opportunity to go before a hearing board regarding any financial assessment levied against IDEC by DTSC as a result of not filing the Phase 1 Checklist until now.

With all due respect, based on the facts and circumstances surrounding this matter, I do not believe that a violation has occurred or that an enforcement notice is necessary. I am not opposed to attending the hearing and disputing the matter, but would recommend that this matter be excused and dismissed prior to a hearing. Please let me know the next steps. If you have any questions please contact me at 858-431-8822.

Sincerely,

Mark Thompson
Sr. Manager, EH&S
IDEC Pharmaceuticals Corporation

cc: Mr. Michael Dorsey
Chief of Hazardous Materials Management Division
County of San Diego Department of Environmental Health
P.O. Box 129261
SD CA 92112-9261

TIERED PERMITTING PHASE I ENVIRONMENTAL ASSESSMENT CHECKLIST**SECTION I: FACILITY INFORMATION**

Instructions: Complete the following descriptive information about your facility. This information accurately describes the location of your facility and establishes mailing and phone contacts. If facility location and mailing address are identical, you may put "same" into facility mailing address space.

Type of Permit: Permit by Rule _____ Conditional Authorization X

1. CURRENT FACILITY NAME: IDEC Pharmaceuticals Corporation

PAST NAMES (Attach additional pages if necessary):

2. EPA ID. NUMBER: CAD 981-583-479

3. NAME OF FACILITY OWNER (see definition of owner): Torrey Sorrento Incorporated

4. NAME OF FACILITY OPERATOR: IDEC Pharmaceuticals Corporation

5. NAME OF PROPERTY OWNER: Torrey Sorrento Incorporated

6. FACILITY LOCATION ADDRESS:

STREET: 11011 Torreyana Road

CITY: San Diego

COUNTY: San Diego

STATE: CA ZIP CODE: 92121

7. FACILITY MAILING ADDRESS (if different from FACILITY LOCATION ADDRESS):

STREET: 3030 Callan Road

CITY: San Diego

STATE: CA ZIP CODE: 92121

8. FACILITY TELEPHONE NUMBER: (858) 431-8500

9. FACILITY FAX NUMBER: (858) 431-8887

10. NAME OF FACILITY CONTACT PERSON: Mark Thompson

11. TITLE OF FACILITY CONTACT PERSON: Sr. Manager, Environmental Health & Safety

12. PHONE NUMBER OF FACILITY CONTACT PERSON: (858) 431-8822

13. ADDRESS OF FACILITY CONTACT PERSON:

STREET: 3030 Callan Road

CITY: San Diego

STATE: CA ZIP CODE: 92121

TIERED PERMITTING PHASE I ENVIRONMENTAL ASSESSMENT CHECKLIST

SECTION II: FACILITY HISTORY

Instructions: Complete this section regarding facility history based on reasonably available knowledge of the facility. This section will determine if past operating practices and significant historical events that occurred at the facility indicate potential areas of contamination. Current and past employees who know about the facility's past operating practices can be an asset in completing this section of the checklist. Yes answers to these questions mean that careful attention must be paid to these areas and considerations when completing the facility walk-through inspection.

	YES	NO
1. Has an environmental assessment and/or a site investigation report ever been completed for the facility? If this assessment meets the criteria for substituting for this checklist (see Instructions), use the Signature and Certification Page to record this exemption. You need not release confidential assessments. However, if these reports indicate existing or potential contamination, you must use the information relied on by the confidential report to help reach a conclusion in this assessment.		X
2. To your knowledge, have areas of the facility that contain hazardous materials ever been flooded?		X
3. To your knowledge, has the facility ever been damaged by an earthquake that could cause contamination?		X
4. To your knowledge, has the location for the facility ever been used for industrial purposes prior to its current use? If YES, then consider potential contamination from the type of industry that the location was formerly used for.	X	
5. To your knowledge, has there been any disposing of hazardous chemicals or hazardous wastes in, on, or under the property?		X
To your knowledge, has the facility ever had electrical transformers, capacitors, or hydraulic equipment including, but not limited to elevators and auto lifts, at the facility which may have released PCBs or oil to the environment? (Not including small quantities of fluorescent light ballasts and capacitors if these materials were not disposed of or dismantled at the facility)		X
If YES, was the equipment ever tested for the presence of PCBs?		
To your knowledge, has testing of any groundwater wells on the property ever revealed possible contamination?		X
Do you have in your possession, or do you know of the existence of any photographs, geophysical reports, analytical test data, and/or air sampling data that indicates the possible presence of hazardous materials and/or waste in unwarranted or unexpected areas of the facility?		X
To your knowledge, has the facility ever had liquid/sludge containment area(s), surface impoundment(s), collection pond(s), and/or lagoon(s)?		X
To your knowledge, have land-farming or bioremediation been used at the facility?		X
To your knowledge, has the facility ever burned hazardous wastes, unidentified waste materials, tires, or automotive batteries at the facility?		X
To your knowledge, have ash and/or combustion residuals been disposed of at the facility?		X

TIERED PERMITTING PHASE I ENVIRONMENTAL ASSESSMENT CHECKLIST

13.	To your knowledge, have any underground storage tank(s) been removed, abandoned, or taken out of service from the facility? Tanks removed, abandoned, or taken out of service under the oversight of a responsible agency need not be considered if the agency addressed potential contamination at the tank location.		X
4.	To your knowledge, has any contaminated soil been discovered and/or remediated at the facility without oversight by an appropriate regulatory agency?		X
15.	To your knowledge, have there been fires and/or explosions at the facility which may have caused a release of hazardous waste or materials?		X
16.	To your knowledge, has the facility ever received complaints from any employees, neighbors, or the public about the facility's practices for managing hazardous wastes, or any actual or potential releases to air, water, or soil, or other environmental issues?		X
17.	To your knowledge, have nearby residents complained to a governmental agency of any type of illnesses or unusual illnesses as having been caused or suspectedly caused by or related to activities at the facility? (Note: this item does not require questioning the facility's neighbors) If YES, indicate below the person and/or agency who recorded the complaint. _____		X
	If YES, to your knowledge, has any evidence been submitted to a physician to substantiate the claim?		
	To your knowledge, are there any areas at the facility which were formerly used for hazardous waste or hazardous materials transfer (e.g. tank loading areas, drum transfer areas)?		X
	To your knowledge, are there, or have there been lawsuits or administrative proceedings concerning an actual, alleged, or threatened release of any hazardous substance against the facility by another party? Only actions concluded by settlement or litigation need be considered.		X

TIERED PERMITTING PHASE I ENVIRONMENTAL ASSESSMENT CHECKLIST

SECTION IV: FACILITY WALK-THROUGH INSPECTION - OTHER AREAS

Instructions: This section of the checklist requires the owner and/or operator of the facility to conduct a walk-through inspection of the those portions of the facility not addressed in Section III in order to identify possible environmental problems, environmental warning signs or potential exposure to people, animals, or plants. Some of the problems that may be discovered during this inspection include abandoned storage tanks, spill areas, surface impoundments, etc. Some of the environmental warning signs include stains, discolored vegetation, and/or unnatural terrain. During the inspection, were any of the following present:

	YES	NO
Does the facility have vent pipes, fill pipes, and/or access routes that may indicate the presence of an underground storage tank?		X
Does the facility have stains and/or discolorations of the soil, flooring, drains and/or walls at the facility which may indicate a release to the environment that has not or is not being addressed under the oversight of an appropriate agency?		X
Does the facility have areas of soil at the facility that appear disturbed and which may indicate onsite disposal or land treatment of hazardous materials or remediation of releases without oversight by an appropriate agency?		X
Does the facility have areas at the facility where the terrain appears unnatural, such as unexplained mounds or depressions?		X
Does the facility have unusual smells or odors emanating from the soil, floor, drains, and/or walls at the facility?		X
6 Does the facility have dead, abnormal, or distressed-looking vegetation or conspicuous absence of vegetation at the facility that is not directly explainable by a deliberate action and/or lack of water at the site?		X
7 Where does rain and/or washwater drain to at the facility? (circle all that apply) Note: slightly contaminated storm or washwater can seriously contaminate evaporation or settling areas (with no drainage) over a period of time.		
a. Storm Drain d. Open Land b. Sewer e. Areas of pooling, settling, or evaporation c. Drainage Ditch f. Other <u>Torrey Pines State Reserve</u>		

TIERED PERMITTING PHASE I ENVIRONMENTAL ASSESSMENT CHECKLIST

**SIGNATURE AND CERTIFICATION
FOR
PERMIT-BY-RULE AND CONDITIONAL AUTHORIZATION**

Instructions: Carefully read the certification below. If you feel uncomfortable signing this certification, review the instructions and the information developed in the preparation of the checklist and correct any deficiencies you have found. Be sure that you check one of the boxes below to record your decision regarding further investigation. If you are claiming exemption from completing a Phase I Environmental Assessment, complete that section below.

Either the owner, operator, or independent professional engineer, geologist, or an environmental assessor who is registered in the State of California, shall certify to the following statement by signing on the appropriate lines below:

- Yes, further investigation is needed to determine the existence, nature, and/or extent of contamination at the facility; or
- No, further investigation is not necessary to determine the existence, nature, and/or extent of contamination at the facility.
- I am exempt from completing the checklist and/or from resulting followup work. [Please state reason for exemption below and supply documentary evidence (see instructions)]. Explanation:

"Under penalty of perjury, I certify that I have personally examined and am familiar with the information submitted in this document and all attachments, and based on my inquiry of those individuals immediately responsible for obtaining it, the information is true, accurate, and complete to the best of my knowledge. Thus informed, I certify to my best judgement that the conclusion recorded above regarding further investigation or exemption from completion of the Phase I Environmental Assessment is correct."

Owner's Signature	Name, Title, and Company Name	Date
-------------------	-------------------------------	------

Or:

<i>Connie Matsui</i>	Connie Matsui, Vice President	
Operator's Signature (If Owner is not Operator)	Name, Title, and Company Name IDEC Pharmaceuticals	Date

Or: Certification by an independent professional engineer, geologist, or environmental assessor who is registered in the State of California. Certification by a registered professional is optional for Permit-By-Rule and Conditionally Authorized Generators. Sign and affix stamp.

Signature	Name, Title, Registration Number	Date
-----------	----------------------------------	------

TIERED PERMITTING PHASE I ENVIRONMENTAL ASSESSMENT CHECKLIST

AREA OF CONCERN DATASHEET

Instructions: Complete the following questions in detail for EACH release or suspected release identified in Section III FACILITY WALK-THROUGH INSPECTION - SPECIFIC AREAS or SECTION IV FACILITY WALK-THROUGH INSPECTION - OTHER AREAS and any other known or suspected releases. Do not include areas that have been or are being remediated under the oversight of an appropriate agency. If answers to questions are not known, then state "unknown".

1. Facility name: IDEC Pharmaceuticals Corporation

2. This sheet is being completed for a:

Known release X Suspected release

3. How was this release or suspected release discovered?

During the walk-through inspection? Previously known release? X

What checklist question(s) are related to this release (section/question) Checklist section III
South Delivery Area

4. When did the release occur? 9/10/99

5. What was released and how much? Approximately 1.5 gallons of hydraulic fluid.

6. What caused the release? There was a leak in the hydraulic system of the solid waste management truck servicing IDEC's site.

7. Indicate the approximate area of the release (e.g. 3 feet in diameter, 5 feet X 4 feet) 30 ft X 30 ft

8. Was the release remediated? If YES, explain how. (Note: A datasheet need not be completed for releases remediated or being remediated under the oversight of an appropriate agency.
IDEC maintenance staff employed spill response spills to protect storm drains
Waste management vendor sent clean-up crew to take care of the spill.

9. Were samples collected? If yes, what were the results? No samples were collected.

10. List any environmental reports or studies performed on the area of concern and attach copies or summaries of the reports not submitted to the Department.

Name of preparer: Mark Thompson

Title of preparer: Sr. Manager, EH&S

Date: 10/26/99



COUNTY OF SAN DIEGO

12/19 12/20/96
Page 1 of 2

EST. NO. H 14775
DATE 12-18-96
TIME START 12:50 END 3:15
BUS. CODE K67
SPECIALIST Scott Weldon
CONTACT Mark Thompson
TITLE Safety officer
PHONE 550-8670

COMPLIANCE INSPECTION REPORT

BUSINESS NAME IDEC Pharmaceuticals Corp
ADDRESS 11011 Torreyana Road
CITY/ZIP San Diego CA 92121

On the above date an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (H&S) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

Office Use Only

DEC 23 1996

P; 12/23/96
CWD

Routine Inspection

Violations and Corrective Actions:

1. The 30 and 55 gallon drums in the main hazardous waste storage area are not adequately labelled. Labels have generator information, contents, and accumulation start date, but do not say "hazardous waste."
- all containers/drums storing hazardous waste are to be labelled as "Hazardous waste."
2. There were two ~ 55 gallon drums containing product for water treatment/boiler treatment systems that weren't labelled as to contents. There was a MSDS sheet with these drums. There was a third drum labelled as "caustic."
- label these drums as to contents. If it's a trade name, include main hazard constituent.

Remarks

1. A current business plan, employee training documentation, and hazardous waste manifests are on file at site
2. Recommend that disinfectant in cell media flasks be changed weekly.

Mark Thompson
Signature of Business Representative

12/18/96
Date Signed

Manager Env. Health & Safety
Title

Department of Environmental Health, Hazardous Materials Management Division, P.O. Box 85261, San Diego, CA, 92186-5261

(619) 338-2222



COUNTY OF SAN DIEGO

EST. NUMBER H 14775

COMPLIANCE INSPECTION REPORT

DATE 12/18/96

PAGE 2 OF 2

BUSINESS ADDRESS: 11011 Tomeyana Road

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19/22/23 of the California Code of Regulations (CCR), Chapters 6.5, 6.7, 6.95 of the Health and Safety Code (HSC), and/or the San Diego County Code (SDCC).

I HAZARDOUS WASTE REQUIREMENTS:

RECORD KEEPING

- Health Permit not obtained SDCC 68.905 V0108 W
- No EPA Identification Number 66262.12 V0105 W
- Waste Manifests/Receipts not on-site for 3 years 66262.40 V0118 W
- Manifest not properly completed 66262.23 V0120 W
- Manifest copy not sent to DTSC 66262.23 V0115 W
- TSDF signed-manifest not on-site 66262.40 V0121 W
- Biennial report not sent to DTSC 66262.41 V0122 W
- LDR Documentation not available 66268.7 V0123 W
- Exception Rpt. not filed with DTSC 66262.42 V0116 W
- Operating TSDF without authorization 25201 V0124 W

STORAGE AND HANDLING

- Waste stored longer than 90, 180, or 270 days 66262.34 V0221 W
- Failure to clean up hazwaste off of floor surface 66262.10b V0313 W
- Waste container missing/improperly labeled 66262.34 V0222 W
- Haz Materials not properly labeled 25124 V0223 W
- Waste container not kept closed 66265.173 V0202 W
- Waste container in poor condition 66265.171 V0205 W
- Waste container(s) not properly managed 66265.173 V0210 W
- Damaged container not repackaged 66265.171 V0226 W
- Container incompatible with waste 66265.172 V0207 W
- Incompatibles in the same container 66265.177 V0224 W
- Incompatibles not stored separately 66265.177 V0213 W
- Ignitable Waste less than 50 feet 66265.176 V0214 W
- Ignitable Waste not grounded 66265.31 V0215 W
- Storage area not inspected weekly 66265.174 V0216 W

DISPOSAL AND TRANSPORTATION

- Unauth. disposal of waste to 25189.5 V0313 W
- Waste determination not made 66262.11 V0319 W
- Unlawful transport of haz. waste 25163 V0315 W
- Waste transported without manifest 66262.20 V0316 W
- Extremely Haz Waste Permit not obtained 25205.7 V0317 W

TRAINING, CONTINGENCY PLAN & EMERGENCY PROCEDURES

- Training records unavailable 66265.16 V0405 W
- Training program not adequate 66265.16 V0406 W
- Facility not designed to minimize release 66265.31 V0501 W
- Spill control equip not available 66265.32 V0508 W
- Aisle space is obstructed 66265.35 V0509 W
- Contingency plan not prepared and/or on file 66265.51, 66265.53 V0609 W

MISCELLANEOUS

- Waste oil contaminated 25250.7 V0225 W
- Used oil filters improperly managed 66266.130 V0701 W
- Damaged batteries improperly managed 66266.81 V0702 W
- Facility has failed to notify local CUPA and DTSC of onsite treatment of hazardous waste (tiered permitting) V0125 W
- Onsite treatment of waste without authorization 25201 V0125 W

III HAZARDOUS MATERIALS BUSINESS PLAN REQUIREMENTS:

RECORD KEEPING

- Health Permit not obtained SDCC 68.1105 V2001 W
- Business Plan not established/implemented 25503.5 V2002 W
- Business Plan not submitted to HMMD 25505 V2007 W
- Business Plan not amended 25505 V2003 W
- Personnel Training Records not available 19 CCR 2732 V2302 W

RELEASE REPORTING

- Failure to report a release/threatened release 25507 V2008 W

II UNDERGROUND STORAGE TANK (UST) REQUIREMENTS:

GENERAL UST REQUIREMENTS

- Health Permit not obtained 68.1005, 25284 V3002 T
- Repair/modify/close permit not obtained 68.1005 V3007 T
- UST Permit Application not submitted 25286(a) V3010 T
- Operating permit conditions violated 2712 V3011 T
- Failed to notify HMMD of changes 25284 V3012 T
- No owner/operator agreement 25284 V3005 T
- No records of financial coverage 25292.2 V3013 T
- No maint/monit/calib records available 2712(b), 2641(j) V3001 T
- Monitoring Equip. not tested annually 2630, 2641 V3003 T

MONITORING REQUIREMENTS (SINGLE WALL)

- Leak Detection Method does not meet performance standards 2643 V3014 T
- Integrity test not conducted 25292 V3015 T
- Copy of tank test not submitted to HMMD within 30 days 2643 V3016 T
- Manual tank gauging (<2000 gal) 2645 not done properly V3017 T
- Reconciliation not done properly 2646 V3018 T
- Reconciliation not approved for facility 2646 V3019 T
- Dispenser meter(s) not calib annually 2646 V3020 T
- Improper liquid measurements 2646 V3021 T
- Stick in poor condition 2646 V3022 T
- Improper monthly reconciliation 2646 V3023 T
- Failed to report excessive variation 2646 V3024 T
- Pressurized Product Piping Leak Device not tested annually 25292 V3025 T
- No written monitoring procedure 2641 V3027 T
- No written emergency response plan 2641 V3027 T
- SIR reporting incorrectly done 2646.1 V3004 T

MONITORING REQUIREMENTS (DOUBLE WALL)

- Monitoring system not functional 2632 V3026 T
- No written monitoring procedure 2632 V3027 T
- Written emergency response plan not available 2632 V3028 T
- Spill/Overfill equip. not maintained or installed 2635 V3029 T

RELEASE REPORTING

- Failure to report an unauthorized release 25295 V3009 T
- Release record log not available 2651, 2650 V3030 T
- No leak report/investigation/action 2652 V3031 T

CLOSURE

- Temporary closure req. not completed 2671 V3006 T
- Unused tank not properly closed 25298 V3032 T
- Permanent closure req. not completed 2672 V3033 T
- Failed to apply for temporary closure 25298 V3008 T

BUSINESS PLAN ELEMENTS

- Emergency Response Plan inadequate 25504 V2201 W
- Emergency Contacts not provided/current 25509 V2203 W
- Personnel Training Program inadequate 25504 V2301 W
- Inventory is incomplete 25504 V2005 W
- Site Map is not sufficient 25509 V2202 W
- Acutely Haz. Mat. not registered 25533 V2009 W

ALL VIOLATIONS MUST BE CORRECTED. PLEASE CALL (619) 338-2222 OR YOUR INSPECTOR IF YOU HAVE ANY QUESTIONS.

Mark Thompson
ESTABLISHMENT REPRESENTATIVE

12/18/96
DATE SIGNED

Mark Thompson
TITLE

Department of Environmental Health, Hazardous Materials Management Division, P. O. Box 85261, San Diego, CA 92186-5261

TO FILE

H file #: 14775

Date: 12-18-96

SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
 HAZARDOUS MATERIALS MANAGEMENT DIVISION
Annual Carcinogen and Reproductive Toxin Reporting List

Business Name: IDEC Pharmaceuticals

Business Address: 11011 Torreyana Rd

Business Owner or Operator: SAME

Please complete the following by entering the chemical name in the chemical name column and then place a check "✓" in the quantity column that most closely estimates the amount on hand. If measured by volume, check the appropriate gallon column(s). If measured by weight, check the appropriate pound column(s). If the chemical is a trade secret, you should check the trade secret box. For example, if you have one pint of benzene you would write benzene in the chemical name column and place a check in the "< 1 gallon" column. (PLEASE NOTE: the symbol < means less than).

Chemical Name	< 1 gallon	< 10 pounds	< 10 gallons	< 10 pounds	< 55 gallons	< 500 pounds	Trade Secret
Formaldehyde			✓				
Tiodoacetamide		✓					
Trypan Blue		✓					
Carbon Tetrachloride		✓					
Benzene		✓	✓				
Acetonitrile			✓				
S-Acetylmecaptosuccinic		✓					
Aerylamide				✓			



Ne Sam
City of San Diego
Building Inspection Department

H14775
BP 11/21/95
update 11/04/96

Hazardous Materials Questionnaire

Business Name IDEC PHARMACEUTICALS		Contact Person MARK THOMPSON	Telephone 550-8670		
Mailing Address 11011 Torreyana Road		City San Diego	State CA	Zip 92121	Plan File # A108718-96
Project Address 11011 Torreyana Road		City San Diego	State CA	Zip 92121	Permit #

PART I: CITY OF SAN DIEGO FIRE DEPARTMENT - HAZARDOUS MATERIALS MANAGEMENT DIVISION: OCCUPANCY CLASSIFICATION

Indicate, by circling the item, whether your business will or did process or store any of the following hazardous materials. If any of the items are checked off, applicant must contact the Fire Department-Hazardous Materials Management Division, 1222 First Ave., San Diego, CA 92101 - 4th Floor - Telephone (619) 236-6883 (except item #15).

- | | | |
|---|--|--|
| <ul style="list-style-type: none"> 1. Explosives or Blasting Agents 2. Compressed Gases 3. Flammable or Combustible Liquids 4. Flammable Solids 5. Organic Peroxides | <ul style="list-style-type: none"> 6. Oxidizers 7. Pyrophorics 8. Unstable (reactive) Materials 9. Water-Reactives 10. Cryogenics | <ul style="list-style-type: none"> 11. Highly Toxic or Toxic Materials 12. Radioactives 13. Corrosives 14. Other Health Hazards 15. None of These Items |
|---|--|--|

PART II: COUNTY OF SAN DIEGO HEALTH DEPARTMENT - HAZARDOUS MATERIALS MANAGEMENT DIVISION: CONTINGENCY PLAN REVIEW

If the answer to any of the questions is yes, applicant must contact the County of San Diego Health Department Hazardous Materials Management Division, 1225 Imperial Avenue, 3rd floor, San Diego, CA 92138. Telephone (619) 338-2222 prior to the issuance of a building permit.

- (FEE MAY BE REQUIRED)
- | | | |
|--|-------------------------------------|--|
| YES | NO | |
| 1. <input checked="" type="checkbox"/> | <input type="checkbox"/> | Is your business type listed on the reverse side of this form? |
| 2. <input checked="" type="checkbox"/> | <input type="checkbox"/> | Will your business dispose of Hazardous Substances or Medical Wastes in any amount? |
| 3. <input checked="" type="checkbox"/> | <input type="checkbox"/> | Will your business store, or handle Hazardous Substances in quantities equal to or greater than 55 gallons, 500 pounds or 200 cubic feet or carcinogens/reproductive toxins in any quantity? |
| 4. <input type="checkbox"/> | <input checked="" type="checkbox"/> | Will your business use an existing, or install an underground storage tank? |
| 5. <input checked="" type="checkbox"/> | <input type="checkbox"/> | Will your business store, use or handle carcinogens, reproductive toxins, or Acutely Hazardous Materials? |
| 6. <input type="checkbox"/> | <input checked="" type="checkbox"/> | For Demolition Permits Only: Does the building or structure for which this demolition permit is requested contain any friable asbestos? |

OFFICE USE ONLY	
<input type="checkbox"/> RMPP Exempt	Date: / /
<input type="checkbox"/> RMPP Required	Date: / /
<input type="checkbox"/> RMPP Completed	Date: / /

PART III: SAN DIEGO AIR POLLUTION CONTROL DISTRICT

If the answer to any of the questions is yes, applicant must contact the Air Pollution Control District, 9150 Chesapeake Drive, San Diego, CA 92113. Telephone (619) 694-3307 prior to the issuance of a building permit.

- | | | |
|--|-------------------------------------|---|
| YES | NO | |
| 1. <input checked="" type="checkbox"/> | <input type="checkbox"/> | Will the intended occupant install or use any of the equipment listed on the Listing of Air Pollution Control District Permit Categories, on the reverse side of this form. |
| 2. <input type="checkbox"/> | <input checked="" type="checkbox"/> | (ANSWER ONLY IF THE ANSWER TO QUESTION 1 IS YES.) Will the subject facility be located within 1,000 feet of the outer boundary of a school (K thru 12) as listed in the current Directory of School and Community College Districts, published by the San Diego County Office of Education and the current California Private School Directory, compiled in accordance with provisions of Education Code Section 33190. |
| 3. <input type="checkbox"/> | <input type="checkbox"/> | For Demolition Permits Only: Does the building or structure for which this demolition permit is requested contain any friable asbestos? |

Briefly Describe Nature of the intended Business Activity:

Research, development, and manufacture of monoclonal antibodies for the treatment of certain cancer and autoimmune diseases. *main interest T.I. No change in regulations.*

Name of Owner or Authorized Agent:

Mark Thompson, Manager of Environmental Health and Safety

Signature of Owner or Authorized Agent: I declare under penalty of perjury that to the best of my knowledge and belief the responses made herein are true and correct.

Mark Thompson

Date: 8/1/96

DO NOT WRITE BELOW THIS LINE

FIRE DEPARTMENT OCCUPANCY CLASSIFICATION: _____

BY: _____ Date: _____

EXEMPT FROM PERMIT REQUIREMENTS		APPROVED FOR BUILDING PERMIT BUT NOT FOR OCCUPANCY		APPROVED FOR OCCUPANCY	
COUNTY HMMMD	APCD	COUNTY HMMMD	APCD	COUNTY HMMMD	APCD
 REVIEWED <i>Mark Thompson</i> SIGNATURE 11/13/96 DATE HMMMD	 REVIEWED INITIALS 11/13/96 DATE COUNTY OF SAN DIEGO <i>no new air issues</i>				



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

EST. NUMBER H 14775DATE 12/11/97PAGE 3 OF 3BUSINESS ADDRESS: 11011 Torreyana

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19/22/23 of the California Code of Regulations (CCR), Chapters 6.5, 6.7, 6.95 of the Health and Safety Code (HSC), and/or the San Diego County Code (SDCC).

I HAZARDOUS WASTE REQUIREMENTS:

RECORD KEEPING

- Health Permit not obtained SDCC 68.905 V0108 W _____
- No EPA Identification Number 66262.12 V0105 W _____
- Waste Manifests/Receipts not on-site for 3 years 66262.40 V0118 W _____
- Manifest not properly completed 66262.23 V0120 W _____
- Manifest copy not sent to DTSC 66262.23 V0115 W _____
- TSDF signed-manifest not on-site 66262.40 V0121 W _____
- Biennial report not sent to DTSC 66262.41 V0122 W _____
- LDR Documentation not available 66268.7 V0123 W _____
- Exception Rpt. not filed with DTSC 66262.42 V0116 W _____
- Operating TSDF without authorization 25201 V0124 W _____

STORAGE AND HANDLING

- Waste stored longer than 90, 180, or 270 days 66262.34 V0221 W _____
- Failure to clean up hazwaste off of floor surface 66262.10b V0313 W _____
- Waste container missing/improperly labeled 66262.34 V0222 W _____
- Haz Materials not properly labeled 25124 V0223 W _____
- Waste container not kept closed 66265.173 V0202 W _____
- Waste container in poor condition 66265.171 V0205 W _____
- Waste container(s) not properly managed 66265.173 V0210 W _____
- Damaged container not repackaged 66265.171 V0226 W _____
- Container incompatible with waste 66265.172 V0207 W _____
- Incompatibles in the same container 66265.177 V0224 W _____
- Incompatibles not stored separately 66265.177 V0213 W _____
- Ignitable Waste less than 50 feet 66265.176 V0214 W _____
- Ignitable Waste not grounded 66265.31 V0215 W _____
- Storage area not inspected weekly 66265.174 V0216 W _____

DISPOSAL AND TRANSPORTATION

- Unauth. disposal of waste to sewer 25189.5 V0313 W _____
- Waste determination not made 66262.1T V0319 W _____
- Unlawful transport of haz. waste 25163 V0315 W _____
- Waste transported without manifest 66262.20 V0316 W _____
- Extremely Haz Waste Permit not obtained 25205.7 V0317 W _____

TRAINING, CONTINGENCY PLAN & EMERGENCY PROCEDURES

- Training records unavailable 66265.16 V0405 W _____
- Training program not adequate 66265.16 V0406 W _____
- Facility not designed to minimize release 66265.31 V0501 W _____
- Spill control equip not available 66265.32 V0508 W _____
- Aisle space is obstructed 66265.35 V0509 W _____
- Contingency plan not prepared and/or on file 66265.51, 66265.53 V0609 W _____

MISCELLANEOUS

- Waste oil contaminated 25250.7 V0225 W _____
- Used oil filters improperly managed 66266.130 V0701 W _____
- Damaged batteries improperly managed 66266.81 V0702 W _____
- Facility has failed to notify local CUPA and DTSC of onsite treatment of hazardous waste (tiered permitting) V0125 W _____
- Onsite treatment of waste without authorization 25201 V0125 W _____

III HAZARDOUS MATERIALS BUSINESS PLAN REQUIREMENTS:

RECORD KEEPING

- Health Permit not obtained SDCC 68.1105 V2001 W _____
- Business Plan not established/implemented 25503.5 V2002 W _____
- Business Plan not submitted to HMMD 25505 V2007 W _____
- Business Plan not amended 25505 V2003 W _____
- Personnel Training Records not available 19 CCR 2732 V2302 W _____

RELEASE REPORTING

- Failure to report a release/threatened release 25507 V2008 W _____

II UNDERGROUND STORAGE TANK (UST) REQUIREMENTS:

GENERAL UST REQUIREMENTS

- Health Permit not obtained 68.1005, 25284 V3002 T _____
- Repair/modify/close permit not obtained 68.1005 V3007 T _____
- UST Permit Application not submitted 25286(a) V3010 T _____
- Operating permit conditions violated 2712 V3011 T _____
- Failed to notify HMMD of changes 25284 V3012 T _____
- No owner/operator agreement 25284 V3005 T _____
- No records of financial coverage 25292.2 V3013 T _____
- No maint/monit/calib records available 2712(b), 2641(j) V3001 T _____
- Monitoring Equip. not tested annually 2630, 2641 V3003 T _____

MONITORING REQUIREMENTS (SINGLE WALL)

- Leak Detection Method does not meet performance standards 2643 V3014 T _____
- Integrity test not conducted 25292 V3015 T _____
- Copy of tank test not submitted to HMMD within 30 days 2643 V3016 T _____
- Manual tank gauging (<2000 gal) 2645 not done properly V3017 T _____
- Reconciliation not done properly 2646 V3018 T _____
- Reconciliation not approved for facility 2646 V3019 T _____
- Dispenser meter(s) not calib annually 2646 V3020 T _____
- Improper liquid measurements 2646 V3021 T _____
- Stick in poor condition 2646 V3022 T _____
- Improper monthly reconciliation 2646 V3023 T _____
- Failed to report excessive variation 2646 V3024 T _____
- Pressurized Product Piping Leak Device not tested annually 25292 V3025 T _____
- No written monitoring procedure 2641 V3027 T _____
- No written emergency response plan 2641 V3027 T _____
- SIR reporting incorrectly done 2646.1 V3004 T _____

MONITORING REQUIREMENTS (DOUBLE WALL)

- Monitoring system not functional 2632 V3026 T _____
- No written monitoring procedure 2632 V3027 T _____
- Written emergency response plan not available 2632 V3028 T _____
- Spill/Overfill equip. not maintained or installed 2635 V3029 T _____

RELEASE REPORTING

- Failure to report an unauthorized release 25295 V3009 T _____
- Release record log not available 2651, 2650 V3030 T _____
- No leak report/investigation/action 2652 V3031 T _____

CLOSURE

- Temporary closure req. not completed 2671 V3006 T _____
- Unused tank not properly closed 25298 V3032 T _____
- Permanent closure req. not completed 2672 V3033 T _____
- Failed to apply for temporary closure 25298 V3008 T _____

BUSINESS PLAN ELEMENTS

- Emergency Response Plan inadequate 25504 V2201 W _____
- Emergency Contacts not provided/current 25509 V2203 W _____
- Personnel Training Program inadequate 25504 V2301 W _____
- Inventory is incomplete 25504 V2005 W _____
- Site Map is not sufficient 25509 V2202 W _____
- Acutely Haz. Mat. not registered 25533 V2009 W _____

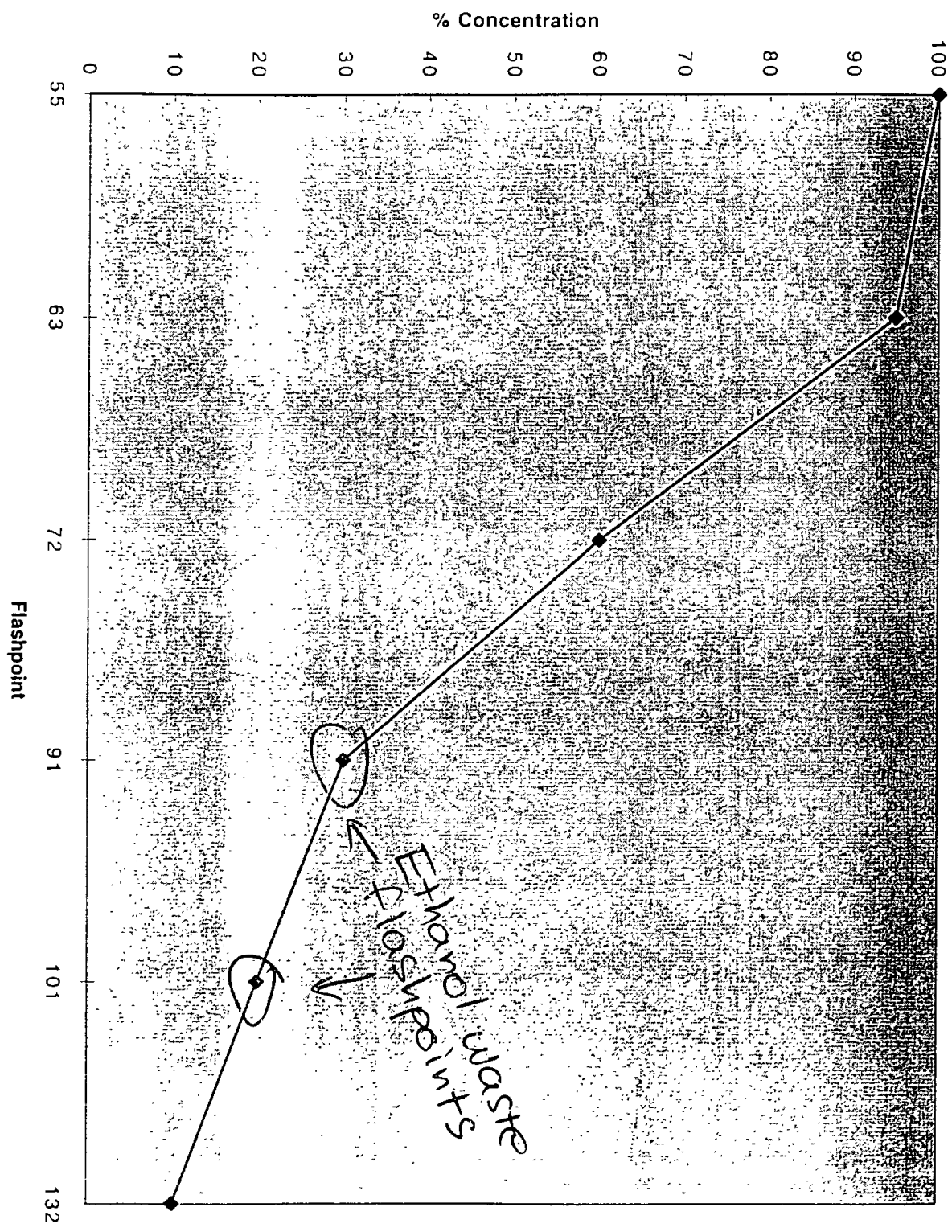
ALL VIOLATIONS MUST BE CORRECTED. PLEASE CALL (619) 338-2222 OR YOUR INSPECTOR IF YOU HAVE ANY QUESTIONS.

ESTABLISHMENT REPRESENTATIVE Mark ThompsonDATE SIGNED 12/11/97TITLE Manager EHS

Department of Environmental Health, Hazardous Materials Management Division, P. O. Box 85261, San Diego, CA 92186-5261

IDEFC

Sheet1 Chart 2



Series 1

To File #14775

DATE 8/13/97



DEC 2 1997
approved See
date 12-23-97
5.

S. Weldon
OFFICE USE ONLY
H 14775

MEDICAL WASTE MANAGEMENT PLAN

Business Name: IDEC Pharmaceuticals Type of Business/ Practice: Biotechnology
 Site Address: 11011 Torreyana Rd., SD Zip: 92121 Phone# 550-8500
 Contact Person: Mark Thompson Title: Safety Officer
 24 Hour Emergency Phone # ()

GENERATION AND STORAGE OF BIOHAZARDOUS WASTE:

Describe below the type and quantity of biohazardous waste generated and managed at this facility. SEE SAMPLE PLAN AND ATTACHMENT FOR DEFINITION OF TERMS USED IN THIS PLAN

MEDICAL WASTE TYPE	QUANTITY (lbs/month)	STORAGE (container type)	TREATMENT METHOD	ON-SITE	OFF-SITE	HAULER NAME*
BIOHAZARDOUS WASTE Sharp Waste Needles/syringes/Slides	100	SHARPS CONTAINERS	INCINERATION		X	DWN
Non-sharp Waste Articles containing Fluid Blood (gauze, bandages, tubing, etc.)	5	BIOHAZARD BAGS	AUTOCLAVING	X		N/A
Solids (cultures, lab waste, etc.)	2920	BIOHAZARD BAGS	AUTOCLAVING	X		N/A
Liquids (cultures, urine, etc.)	800	VACUUM FLASKS	BLEACH/SEWER	X		N/A
Trace chemotherapy waste	0	—	—	—	—	—
Contaminated animal carcasses	< 5	PLASTIC BAGS			X	D&D DISPOSAL
Other	N/A	—	—	—	—	—
MEDICAL SOLID WASTE Gloves, empty specimen containers, gauze with dry blood, treated biohazardous waste	N/A	REGULAR TRASH BAGS	N/A	N/A	N/A	LIDLAW

* If applicable, attach a copy of biohazardous waste hauler contract or Limited Quantity Hauler exemption.

Biohazardous WASTE STORAGE LOCATION: [Please check the appropriate box(es)].

Biohazardous Waste: Inside establishment in secured area Outside in posted, secure area
 Medical Solid Waste: Inside establishment Outside in Locked/secured dumpster

PERSONNEL TRAINING:

All personnel handling biohazardous waste have been trained in all aspects of this management plan. Training includes the legal definition of biohazardous waste, separation and proper storage, transportation, treatment, and disposal of biohazardous waste. Documentation for completed employee training will be kept onsite.

CERTIFICATION STATEMENT:

I certify that the above management plan is complete and accurate, and that this business will adhere to all aspects of the plan. I further understand that any violation of this plan or any applicable law or regulation may result in legal action.

Mark Thompson SIGNATURE OF RESPONSIBLE PERSON
Mark Thompson NAME OF RESPONSIBLE PERSON (please print or type)
Manager EH&S TITLE
8/12/97 DATE

Toxicity

After reviewing the management practices for the Protein A sanitizing solution IDEC decided to a sample and test for aquatic toxicity according to Title 22 Section 66261.24(a)(6). The results of this testing indicate no observable toxicity at any concentration and support classification of this substance as non-hazardous (see attached results). Had the results of this test demonstrated toxicity then the Protein A buffer would have been collected following passage through the column.

Ignitability

In reviewing the management practices for solutions containing ethanol the characteristics of both the individual solutions themselves and the process waste stream were reviewed. While IDEC's internal waste management guidelines have always prohibited the discharge of concentrated alcohol solutions to any waste lines dilute solutions were considered acceptable for discharge under certain circumstances. Title 22 Section 66261.21(1) supports the position that waste alcohol solutions may be handled and disposed of as non-hazardous waste given a certain minimum alcohol content. As discussed during your inspection there are approximately 15 different buffers used in the purification process; these buffers possess unique chemical characteristics that support the purification process. Some of these buffers contain ethanol, most do not. Concurrent formulation and use of the buffer solutions results in a large amount of waste liquid being produced during each shift; the volume of waste produced is large enough to warrant the incorporation of a waste collection tank into the design of the plant. Testing of the contents of this collection tank confirms that the characteristic of ignitability is not present in the waste stream generated by purification (see attached results). In the course of reviewing the current management practices for spent buffers IDEC contacted the Metropolitan Industrial Waste Program; Metro supports IDEC's contention that given the nature of the processes used and the characteristics of the waste produced the liquid generated in the purification area is best regulated as a process waste, and that flashpoint does not appear to be a concern (see attached correspondence). This position is based on the fact that the buffers are combined during use to yield even more dilute solutions, and that the waste collection tank is indicative of the process waste generated in purification. During your inspection you inquired as to the practicality of collecting the buffers that contain ethanol. In effect we are already doing so within the waste collection tank. A review of the buffer chemistry indicates that if drums were used to collect all the purification buffers this solution would show the same lack of ignitability associated with the contents of the collection tank. This waste would have to be disposed of as a corrosive liquid under Title 22 Section 66261.22 since several of the buffers have pH values very close to 2. Drum collection of the buffer waste and subsequent disposal as a low pH corrosive waste makes no sense, however, when you consider that the waste collection tank was installed as part of a system for providing pH adjustment for exactly this type of waste. The waste collection tank was installed to serve as a surge tank upstream of an adjustment tank where the pH of the waste is brought to

} Purification area

} Purification process

} Δ buffers

} C A incl. the surge tank?

within the range acceptable for discharge to the sewer system. The pH adjustment tank is currently operated under a Conditional Authorization permit issued by the Department of Toxic Substance Control. Since the contents of the waste collection tank do not appear to possess the characteristic of ignitability a change in the procedures to collect the waste would not reflect an improvement in management practices. In light of this the procedures currently being followed are considered to be the best management practices.

} CA

The manufacturing area is currently in a maintenance shutdown and all activities have ceased. I look forward to hearing from you regarding this matter prior to resumption of operations on or about March 1, 1998. If you have any question please contact me at my new number 619-550-8822.

Sincerely,



Mark Thompson

→ pH adjustment tank
 Δ?
 → Surge tank ← ? same?
 waste collection tank

CITY OF

SAN DIEGO

METROPOLITAN WASTEWATER DEPARTMENT

Industrial Waste Pretreatment Program

9192 Topaz Way

San Diego, CA 92123-1119

Phone (619) 654-4100

Fax (619) 654-4110

FAX**Date:** February 6, 1998**Pages:** 1**To:** Mark Thompson**From:** Joan Bennett

Industrial Waste Inspector

Fax#: 550-8752

Phone # 654-4119

Company: IDEC Pharmaceuticals Corp.**Subject:** Discharge of Buffer Used in the Manufacturing Process

Based on our discussion about the above, and the issue with the DOTSC, I spoke with both Sara Giobbi and Barbara Sharatz.

After my discussion with Barbara, I can provide the following feedback:

Among the prohibited discharges attached to any permit we issue is the prohibition against discharging hazardous materials to the sewer. We do not determine what is a hazardous waste, however. That issue must be worked out between you and the hazmat people.

In regards to the buffer and flashpoint issue, we have no problem with it as long as your discharge complies with the requirements of your permit. Specifically, flashpoint is an end of pipe issue. Meaning (technically), that we require that the flashpoint of the discharge from your facility be greater than 140 degrees Fahrenheit at the point where your sewer lateral ends and the discharge enters the City main. This does of course mean the combined wastewater flows from your facility, not just those from the manufacturing processes. Such combined flows could have an effect on any one constituent of the wastewater being discharged, including the buffer and final flashpoint.

02/19/1998 09:21 61969 5

DEH HMMO RUFFIN

PAGE 04

DATE: 2/19/98

H# File _____ For Office Use Only

Please Print or Type All Information

I. CLASSIFICATION OF WASTE

Business Name: IDEC Pharmaceuticals Corporation
 Business Address/Zip Code: 11011 Torreyana Road SD CA 92121
 Business Phone: 619-458-8822
 Business Representative's Name: Mark Thompson
 Job Title: Manager, Environmental Health and Safety

A. Waste Information:

1. Describe the Type of Waste (Example: water soluble coating oil from machines shop containing trace amounts of heavy metals):
 Spent process buffers contain alcohol and salts in dilute concentration.

2. Description of Waste:

a. Physical description of waste (Example: Dry sandblast grit and other debris):
 Clear odorless waste water

b. Present method of waste disposal:
 Wastes are routed to pH adjustment tanks followed by discharge to sanitary sewer.

c. Dates and locations of collected samples (Fill in the box below with applicable information):

TYPE OF SAMPLE COLLECTED	LOCATION	DATE COLLECTED	FIELD SAMPLE # (sample label# or ID number)
Example : Dry sandblast grit	Sandblast grit stockpile grid location: #01	September 4, 1992	#001
Industrial waste water	General waste collection tank	9/9, 9/10, 9/11, 9/14, 9/15	#1, #2, #3, #4, #5, #6
Stock Protein A buffer	Buffer prep area	1/8/98	#1

d. Description of sampling methodology (NOTE-IMPORTANT: For wastes stored in roll-off boxes; in a stockpile; in large containers; or disposed of onto the ground surface, you must attach a plot plan map detailing the exact sample locations/coordinates demonstrating where the samples were collected.):

(1) Describe the sampling technique used at site or facility: Sampling for toxicity was carried out in the buffer area where stock solutions are prepared. Sampling for ignitability was carried out at the waste collection tank that serves the purification area.

(2) Describe sample handling and preservation methods used prior to laboratory analysis: Samples were collected in separate labelled containers, properly preserved and stored, and chain of custody procedures were followed. Samples were stored in plastic containers at 37 Fahrenheit.

(3) Waste produced per unit time (Example: 500 pounds/day): The general waste collection tank receives approximately 10,000 gals. per day.

(4) Describe the process used to generate waste: Plant activities include/involve large scale fermentation and purification operations. Large amounts of clean water and buffers solutions are used daily. Buffer solutions used in the plant contain ethanol and various acid salts. Purification operations combine various buffers to yield waste water solutions that are managed as a process waste by the liquid waste handling system designed into the manufacturing area.

B. Certification by person(s) who is/are the responsible managers of the establishment.

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this notification and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I certify that the waste is non-hazardous based on testing of the waste and applying knowledge of the characteristics of the waste in light of the materials or the processes used. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

Signature: [Handwritten Signature]
Printed Name: CHRISTOPHER BURMAN
Job Title: SENIOR VICE PRESIDENT, MANUFACTURING AND PROCESS SCIENCES
Date: Feb 19, 1998

II. SAMPLING INFORMATION

A. Sampler's Name: Mark Thompson
Business Address/Zip Code: 11011 Torreyana Road
Business Phone: 619-458-8822
Contact Person: Mark Thompson
Job Title: Manager, Environmental Health and Safety

"I certify under penalty of law that I have personally conducted all sampling in accordance with the procedures specified in Section One of 'Test Methods for Evaluating Solid Waste, Physical/Chemical Methods', SW-846, 3rd Edition, U.S. Environmental Protection Agency, 1986. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment."

Signature: [Handwritten Signature]
Printed Name: Mark Thompson
Title: Manager, Environmental Health and Safety
Date: 2/19/98

SW846 Section One, Regulatory and Scientific Objectives states in part "that enough samples...be collected over a period of time to address the variability of the waste."

III. LABORATORY INFORMATION. To be completed by Lab Technician:

- A. Waste samples are to be transported with a Chain-of-Custody to a laboratory certified to perform that specific analysis by the State of California Department of Environmental Health (Pursuant to Section 67440.1 CCR).

(Attach a copy of Chain-of-Custody Form)

Laboratory: D-TEK

Address: 11494 SORRENTO VALLEY RD SUITE G

Phone #: (619) 259-5901

Contact Person: ELLEN ATIENZA

Job Title: CHEMIST / QA/QC SPECIALIST

- B. Laboratory shall have a Quality Assurance Manual which is utilized on a routine basis by the laboratory staff.

1. Cite the reference(s) for the extraction and analytical methods used on the analysis report.
2. "I certify under penalty of law that I have conducted all analysis in accordance with the analytical procedures specified in California Code of Regulations, Title 22, Division 4.5, Chapter 11. (Identification and Listing of Hazardous Waste).

(Attach Laboratory Results)

Signature: *Joquin Velasquez*

Printed Name: JOAQUIN VELASQUEZ

Job Title: LABORATORY MANAGER

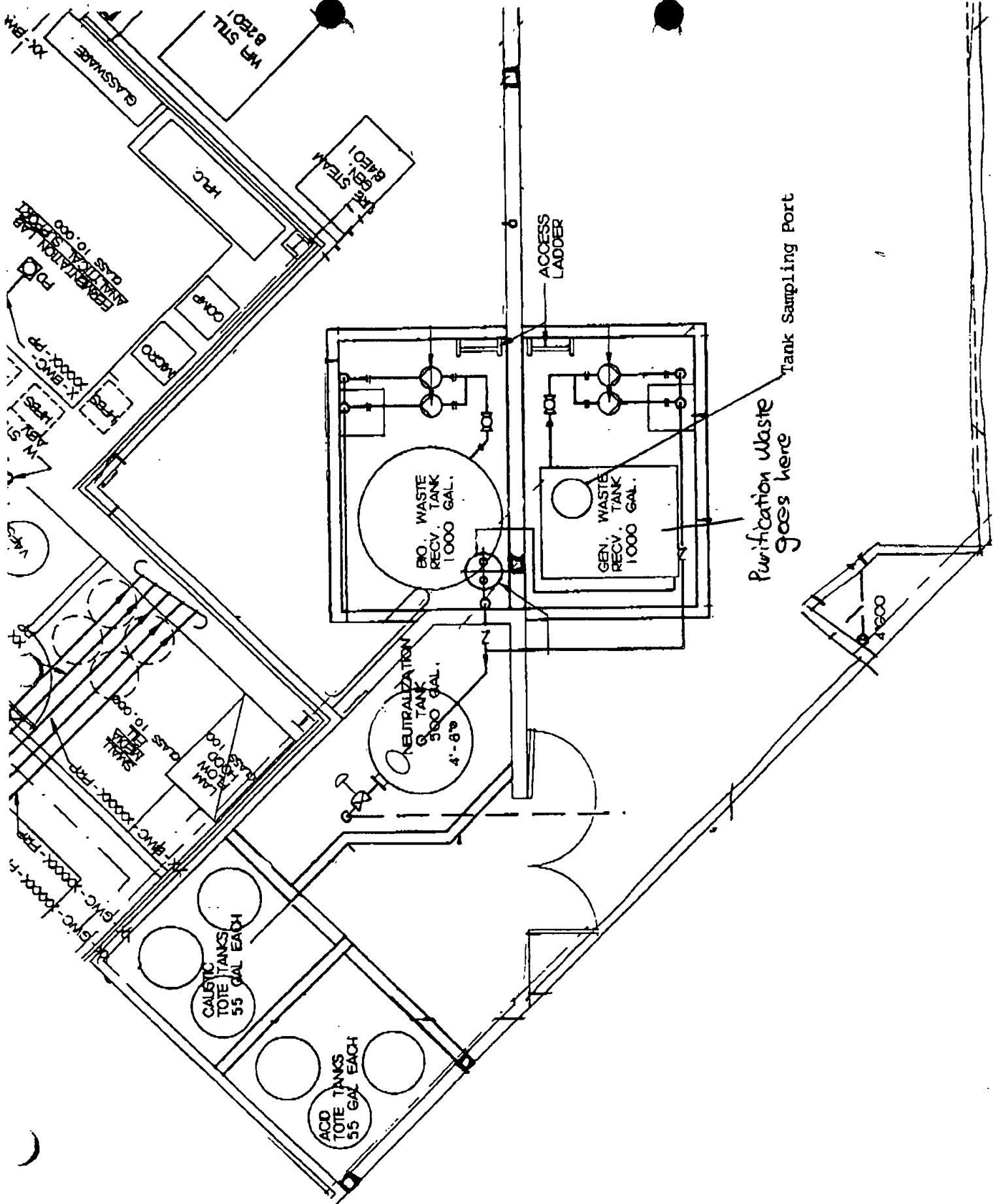
Date: Sept. 26, 1997

NOTE: You must attach a copy of the laboratory results and Chain-of-Custody document to this form.

IMPORTANT FOOTNOTES

**** Please Read ****

1. Maintain a completed copy of this document in your files available for review at all times.
2. Do NOT comingle or mix different samples into one composite sample.
3. Transport the samples directly to the laboratory as soon as possible. Maintain the samples cold (4°C or below) while in storage and during transport.
4. Enough samples should be taken of the waste to ensure that a thorough assessment of the properties of the waste is conducted by the waste producer. Sample analysis results often vary because the waste is not homogenous in nature. In many cases, more than one sample must be analyzed in order to ensure the validity of the waste determination.
5. The Hazardous Materials Management Division recommends you obtain the services of a qualified and experienced environmental consultant who can assist you in the sampling of the waste and laboratory analysis of the samples.
6. In accordance with Section 66260.200 of the California Code of Regulations, Title 22, Division 4.5, the waste generator may petition Cal-EPA, Department of Toxic Substances Control, for their concurrence with the results of the waste determination.
7. A waste generator who incorrectly determines that a hazardous waste is non-hazardous, and fails to manage the waste in a lawful manner, is in violation of the regulations and is subject to enforcement action (Section 66260.200 of the California Code of Regulations, Title 22).



Purification waste goes here

Tank Sampling Port

CALCIC TOTE TANKS
55 GAL EACH

ADD TOTE TANKS
55 GAL EACH

NEUTRALIZATION
TANK
500 GAL.
4'-8"

BIO. WASTE
RECV. TANK
1000 GAL.

GEN. WASTE
RECV. TANK
1000 GAL.

ACCESS
LADDER

AIR STU
8120

AIR STU
8120

GLASSWARE

H.C.

COX

COX

COX

COX

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ESSENTIAL LAB
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D-TEK
11404 SORRENTO VALLEY ROAD, STE. 8
SAN DIEGO, CA 92121

CHAIN OF CUSTODY

DATE: 9/15 PAGE 1 OF 1

(619) 599-4501, FAX (619) 258-9902

CUSTOMER INFORMATION		PROJECT INFORMATION		D-TEK LOG #		TO #	
COMPANY: <u>Idec</u> PROJECT NUMBER: <u>Mark Thompson</u> ADDRESS: <u>11011 Torreyana Rd S.D. CA 92121</u> PHONE: <u>550-8613</u> FAX: <u>550-8752</u>		CONTACT PERSON: <u>Mark Thompson</u> PROJECT INVESTIGATOR: <u>N/A</u> BILLING INFORMATION: <u>Idec</u>		ANALYZE REQUEST:			
D-TEK LOG # SAMPLE # / SAMPLE IDENTIFICATION DATE TIME PALE SAMPLES SAMPLE CONTAINER TYPE		MEETS HOLDING TIME ? CORRECT CONTAINERS ?		ANALYZE REQUEST:			
97-0687	#1	9/9	1pm	Li9			
97-0688	#2	9/10	2:30pm	Li9			
97-0689	#3	9/11	9:15am	Li9			
97-0690	#4	9/14	3:5pm	Li9			
97-0691	#5	9/15	10:20am	Li9			
97-0692	#6	9/15	3:30pm	Li9			
SAMPLE INTEGRITY							
1. REL. INCLOSURED BY: DATE/TIME		2. REL. INCLOSURED BY: DATE/TIME		3. REL. INCLOSURED BY: DATE/TIME		4. REL. INCLOSURED BY: DATE/TIME	
SIGNATURE: <u>Mark Thompson</u>		SIGNATURE: <u>Mark Thompson</u>		SIGNATURE: <u>Mark Thompson</u>		SIGNATURE: <u>Mark Thompson</u>	
PRINTED NAME: <u>Mark Thompson</u>		PRINTED NAME: <u>Mark Thompson</u>		PRINTED NAME: <u>Mark Thompson</u>		PRINTED NAME: <u>Mark Thompson</u>	
COMPANY: <u>Idec</u>		COMPANY: <u>Idec</u>		COMPANY: <u>Idec</u>		COMPANY: <u>Idec</u>	
1. RECEIVED BY: DATE/TIME		2. RECEIVED BY: DATE/TIME		3. RECEIVED BY: DATE/TIME		4. RECEIVED BY: DATE/TIME	
SIGNATURE: <u>Mark Thompson</u>		SIGNATURE: <u>Mark Thompson</u>		SIGNATURE: <u>Mark Thompson</u>		SIGNATURE: <u>Mark Thompson</u>	
PRINTED NAME: <u>Mark Thompson</u>		PRINTED NAME: <u>Mark Thompson</u>		PRINTED NAME: <u>Mark Thompson</u>		PRINTED NAME: <u>Mark Thompson</u>	
COMPANY: <u>Idec</u>		COMPANY: <u>Idec</u>		COMPANY: <u>Idec</u>		COMPANY: <u>Idec</u>	
REMOVED IN ICE? <u>YES/NO</u>		TAPED SEAL IMPACT? <u>YES/NO</u>		PREFERENTIAL YES/NO? <u>YES/NO</u>		FINGERPRINTS: <u>YES/NO</u>	
SPECIAL INSTRUCTIONS: <u>TAT Swabbed</u>							

- ALL SAMPLES ARE SUBJECT TO TERMS AND CONDITIONS ON REVERSE SIDE -

OGDEN ENVIRONMENTAL AND ENERGY SERVICES

5510 Morehouse Drive
San Diego, CA 92121
619 458-9044 Fax 619 458 0943

Test I.D. Nos. 9801-024
California Lab Certification No. 1802

January 25, 1998

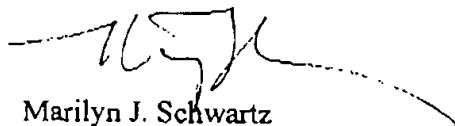
Mark Thompson
Idec Pharmaceuticals
11011 Torreyana Road
San Diego, CA 92121

Dear Mark,

On January 8, 1998 the Ogden Bioassay Laboratory received one liquid sample for bioassay analysis. The sample was identified by Idec as Sample #1 and was analyzed in accordance with State of California and USEPA methods. The definitive assay indicates no observable toxicity at any concentration tested and classification of this substance as non-hazardous.

Attached are a summary sheet of the test results, a copy of the laboratory raw data recorded during the assay, and a copy of the chain-of-custody which accompanied the sample. Please feel free to call me at (619) 458-9044 x300 should you have any questions.

Sincerely,



Marilyn J. Schwartz
Manager, Ogden Bioassay Laboratory



COUNTY OF SAN DIEGO

Page 1 of 1

EST. NO. H 14775
 DATE 7/22/98
 TIME START 9:10 END 12:00
 BUS. CODE K
 SPECIALIST JACKSON
 CONTACT MARK THOMPSON
 TITLE MANAGER EHS
 PHONE 550-4670

COMPLIANCE INSPECTION REPORT

BUSINESS NAME IDEC PHARMACEUTICALS
 ADDRESS 3030 CALLAN RD (1101 TORREYANA BL)
 CITY/ZIP SAN DIEGO 92121

On the above date an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (H&S) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

Office Use Only

- ON SITE MED WASTE TREATMENT PERMIT INSPECTED
- MUMP IS CURRENT 8/13/97 & MUST BE UPDATED ANNUALLY
 - OPERATION PLANS, ARE AVAILABLE FOR BOTH AUTOCLAVES
 - EMPLOYEE TRAINING RECORDS ARE CURRENT
 - TEMP & PRESSURE CALIBRATIONS ARE AVAILABLE FOR AUTOCLAVE # 1113 IN INFECTIOUS WASTE AREA (5/24/98) THESE CALIBRATIONS ARE NOT CURRENT FOR AUTOCLAVE RM # 257.
- ACTION: CONDUCT CALIBRATION TESTS FOR AUTOCLAVE # 257 & MAIL TO ME W/IN 30 DAYS
- PROVIDE RATED CAPACITY FOR AUTOCLAVE 1611 IN ROOM 257
 - RECOMMEND EXPANSION OF HANDLING INSTRUCTIONS FOR ^{POTENTIAL} ANIMAL CARCASSES ~~ENET~~ TO ASSURE THEY ARE HANDLED AS BIOHAZARDOUS IF DISEASE ~~CAN CAUSE~~ IS A DIRECT CONTACT ZOOPTIC THAT CAN INFECT HUMAN BEINGS.
 - CALIBRATION RECORDS MUST BE KEPT ON FILE FOR THREE YEARS.
- * BIOHAZARD WASTE AUTOCLAVED IN ROOM 257 WAS / IS AUTOCLAVED IN # 1113 WITHIN ^{THE} 7 DAYS STORAGE TIME

Mark Thompson Signature of Business Representative 7/22/98 Date Signed Manager EHS Title

Department of Environmental Health, Hazardous Materials Management Division, P.O. Box 129261, San Diego, CA, 92112-9261

(619) 338-2222



COUNTY OF SAN DIEGO

MEDICAL WASTE GENERATOR REQUIREMENTS

EST. NUMBER H 14775

DATE 7/22/98

PAGE 2 OF 2

ZIP: 92124

BUSINESS ADDRESS: 11011 Torrey Pines Rd

VIOLATION REPORT: The items checked below refer to specific section numbers of the California Health and Safety Code Sections 25100 and 117600 et. al.; the San Diego County Code of Regulatory Ordinances Sections 68.1201 et. al.; and the California Code of Regulations, Title 22 Sections 65600 et. al. and 66262.10 et. al. All violations must be corrected. Please call (619) 338-2222 or your Inspector if you have any questions.

GENERAL REQUIREMENTS:

- [] An Environmental Health Permit as a medical waste generator has not been obtained. 68.1203, 68.1204, and 117705 V4101 W
[] Unlawful disposal of untreated medical waste to an unauthorized point. 118340 V4102 W
[] Improper treatment of medical waste using an unapproved method or procedure. 118215 V4103 W
[] Medical SOLID WASTE is not stored in a locked trash receptacle or enclosure so as to deny access to unauthorized persons. 68.1202 V4104 W
[] Improper clipping or cutting of sharps waste at the point of generation. 68.1205 V4105 W
[] Medical waste was not separated from other waste at the point of origin. 118275 V4106 W
[] Generator has not maintained reusable containers/bins for medical waste storage in a clean and sanitary manner. 118295 and 118305 V4107 W
[] Storage time exceeded for frozen medical waste, e.g. greater than 90 days. 118280 V4108 W
[] Generator did not clean-up a leak or spill of medical waste in an approved manner. 118300 V4109 W
[] Generator has not secured the enclosure or designated accumulation area for medical waste containers so as to deny access to unauthorized persons. 118310 V4110 W
[] Operator did not post an approved and legible biohazardous waste "warning sign" in English and Spanish at the waste storage area(s). 118310 V4111 W
[] Generator did not store medical waste in approved and properly marked red bags (non-sharps). 118275 V4112 W
[] Did not place a label with the generator's name, address, and phone number on the outside of the red bag and/or sharps container. 68.1201 and 68.1205 V4113 W
[] Generator did not store sharps waste in approved and properly marked sharps container. 118275 V4114 W
[] Transportation of medical waste without State Hauler Registration or without a limited-quantity hauling exemption from County HMMD. 118025 V4115 W
[] Generator did not have standardized written operating procedures for a steam sterilizer available onsite. 118215 V4116 W
[] Did not have recording thermometer checked for calibration annually. 118215 ROOM 257 V4117 W
[] Generator did not maintain records of thermometer calibration checks for at least 3 years. 118215 V4118 W
[] Operator did not use heat-sensitive tape or other approved method for each load of medical waste treated onsite. 118215 V4119 W
[] Need to use a biological indicator or other approved method at least once a month to confirm proper disinfection conditions. 118215 V4120 W
[] Must tie-off red bags to prevent leakage or expulsion of contents during handling and storage. 118280 V4121 W
[] Did not containerize and place red bags in rigid, leak resistant, and covered containers or bins. 118280 V4122 W
[] Must have waste container/bin labeled on the lid and side so as to be clearly visible. 118280 V4123 W
[] Did not tape closed or tightly-lid a full sharps container ready for disposal, to preclude loss of contents. 118285 V4124 W

- [] Maximum holding time exceeded for non-putrescible medical waste, e.g. greater than 180 days. 68.1203 V4033 W

LARGE QUANTITY WASTE GENERATORS: (> 200 pounds of waste in a month)

- [] Medical Waste Management Plan has not been submitted to County HMMD (Annual Requirement). 117960 and 68.1206 V4034 W
[] Must maintain and show proof of "onsite" medical waste treatment records for 3 years. 118215 and 117975 V4035 W
[] Generator did not retain on file disposal receipts and/or tracking documents for waste shipped offsite for at least 3 years. 117975 V4036 W
[] Storage time exceeded for full sharps container(s), e.g. greater than 7 days at room temperature. 118285 V4037 W
[] Storage time exceeded for red bag waste, e.g. more than 7 days at room temperature. 118280 V4038 W

PATHOLOGY WASTE AND CHEMOTHERAPY WASTE HANDLING:

- [] Did not segregate chemotherapy waste from other medical waste. 118275 V4039 W
[] Generator did not label container holding chemotherapy waste with the words "chemotherapy waste" or other approved markings on the lid and sides. 118275 V4040 W
[] Did not segregate pathology waste from other medical waste. 118275 V4041 W
[] Generator did not label container holding pathology waste with the words "pathology waste" or other approved markings on the lid and side. 118275 V4042 W
[] Unlawful disposal of pathology waste or chemotherapy waste to an unauthorized point. 118340 V4043 W

PHARMACEUTICAL WASTE HANDLING:

- [] Generator did not segregate pharmaceutical waste from other medical waste. 118275g V4044 W
[] Generator did not label container holding pharmaceutical waste with the words "incineration only" or other approved markings on the lid and side. 118275g V4045 W
[] Storage time exceeded for pharmaceutical waste, e.g. more than 90 days. (> 10 pounds per calendar year generated) 118280e V4046 W
[] Very small quantity generator of pharmaceutical waste (e.g. < 10 pounds waste /calendar year) improperly storing waste for longer than one year. 118280e V4047 W
[] Unlawful disposal of pharmaceutical waste to an unauthorized point. 118340 and 118222 V4048 W

ON-SITE MEDICAL WASTE TREATMENT FACILITY REQUIREMENTS:

- [] Operator has not obtained an onsite medical waste treatment permit from the County. 117950, 118130, 118155, and CCR 65620 V4049 W
[] Must maintain an updated and complete copy of the medical waste treatment permit onsite and available for review. CCR 65621(f), 65623, 118165, and 118180 V4050 W
[] Did not comply with a condition of the medical waste treatment permit issued by the County. CCR 65623 V4051 W

PHOTOCHEMICAL and HAZARDOUS WASTE MGMT. AND DISPOSAL:

- [] Illegal disposal of photoprocessing/ hazardous waste to the sewer, trash, etc. 25189.5 V4052 W
[] Generator has not maintained waste disposal records, e.g. manifests/milk-run receipts, onsite for 3 years. 66262.40 V4053 W
[] Generator has not obtained an EPA Identification Number from the State DTSC for hazardous waste generation, e.g. photoprocessing/hazardous waste. 66262.12 V4054 W
[] Generator did not properly label the container holding hazardous waste. 66262.34 V4055 W
[] Generator did not maintain the container holding hazardous waste tightly closed except when adding or removing waste. 66265.173 V4056 W
[] Generator did not submit a notification to the County prior to treating photochemical waste onsite (e.g. > 10 gallons/month: tiered permitting). 25201.5 V4057 W

SMALL QUANTITY GENERATOR REQUIREMENTS: (<200 pounds per month of waste)

- [] Medical Waste Management Plan has not been submitted to County HMMD (Annual Requirement) 68.1206 and 117935 V4025 W
[] Must maintain and show proof of "onsite" medical waste treatment records for 3 years. 118215 and 117943 V4026 W
[] Generator did not retain on file disposal receipts and/or tracking documents for waste shipped offsite for at least 2 years. 117945 V4027 W
[] Need to apply for and receive a limited-quantity hauling exemption for "self-hauled" medical waste (<20 pounds of waste per week). 118030 and 118025 V4028 W
[] Did not renew a limited-quantity hauling exemption annually. 118030 V4029 W
[] Storage time exceeded for full sharps container(s), e.g. greater than 7 days at room temperatures (for > 20 pounds/month generator). 118285 V4030 W
[] Storage time exceeded for red bag waste, e.g. more than 7 days at room temperature (> 20 pounds/month generator). 118280 V4031 W
[] Very small quantity generator (e.g. < 20 pounds per month) improperly storing waste for greater than 30 days onsite at room temperature. 118280 V4032 W

ESTABLISHMENT REPRESENTATIVE (Signature)

DATE SIGNED 7/22/98 TITLE Manager EHS

January 27, 1998

Mr. Fred North
c/o Fred North Construction Company
3110 Florence Terrace
Spring Valley, CA 91978-2309

Dear Mr. North,

This letter is a follow-up to our phone conversation on January 23, 1998 during which we discussed IDEC's interest in getting an estimate for the cost of removing a waste water treatment unit used at our facility. This estimate will be used for satisfying the financial assurance requirements of the permit issued by the State of California for the operation of the unit.

Enclosed please find a description of the general waste system drafted by IDEC's design engineer (Clark, Richardson & Biskup), and a diagram indicating the tanks proximity to the surrounding equipment. Upon reviewing this description I realized that the tank is not made of fiberglass as I had indicated on the phone, and is in fact a vinyl ester resin tank. Although the CRB letter refers to a collection of tanks and piping used in handling the waste it is my understanding that your cost estimate should only pertain to removal and disposal of the neutralization tank since it is this equipment that is designated as the treatment unit. The neutralization tank itself is equipped with a small man-way and is currently designated as a permit-required confined space; this may increase the cost of tank cleaning, if required. The tank is located inside a covered portion of the building accessible via a double-door entry. I don't know the weight of the tank when empty, however, it does appear that after being emptied and stripped of its external equipment the tank could be manually lifted from the containment berm and taken outside. Once outside of the building the tank could be moved to the parking lot where it could be loaded unto a truck using a forklift. Your estimate for the cost of the tank removal should include provisions for tank cleaning, transport off-site, and disposal. It does not appear necessary to include demolition cost for the containment berm since this item is not integral to the treatment tank. Please include the cost of any permits required for disposal, if necessary.

If you need any more information, or would like to schedule a site inspection, then please contact me at 619-550-8613.

Sincerely,



Mark Thompson



CLARK
RICHARDSON &
BISKUP
CONSULTING ENGINEERS, INC.

6900 EXECUTIVE DRIVE, SUITE 201
KANSAS CITY, MISSOURI 64120
PHONE (816) 483-0600
FAX (816) 483-0111

January 31, 1994

#1940.1

Mr. Mark Thompson
IDEC Pharmaceuticals
11011 Torreyanna Road
San Diego, CA 92121

RE: IDEC Pharmaceutical General Waste System

Mark:

The waste collection system consists of the following items: waste piping, a collection surge tank and a neutralization tank.

The waste piping is a double contained, epoxy resin FRP system that is manufactured according to ASTM D2997. Visual inspection ports have been installed in the outer containment pipe to be used for leak detection purposes. The waste piping conveys all of the general waste from the pilot plant facility to the collection surge tank.

The collection surge tank is a centrifugal cast, vinyl ester resin (Derakane 411), FRP tank manufactured according to ASTM D4097. The overflow volume of the tank is 1,000 U.S. gallons. The tank is designed for seismic zone 4 conditions and is anchored with hold down lugs to prevent the tank from dislodging or floating. For chemical and corrosion resistance, the tank is constructed with 20 mil (minimum) resin rich internal and exterior surfaces. The tank is located below grade in a containment pit constructed from poured-in-place concrete with minimum #4 reinforcing bars. The 12" thick walls and floor are finished with a two part epoxy coating. The containment capacity of the pit is 8,750 U.S. gallons, minus the volume of the tank. Separate level indicators will be installed in the tank and containment pit. The level alarms will be tied into the building security system for continuous monitoring. A sump pump is installed in the containment pit in case of a leak. The discharge from the sump pump is sent directly to the neutralization tank.

The waste collection surge tank feeds forward in a batch mode to the neutralization tank. The pH of the waste in the neutralization tank is checked and neutralized, if necessary, before being discharge to the sanitary sewer. The neutralization tank is a centrifugal cast, vinyl ester resin (Derakane 411), FRP tank manufactured according to ASTM D4097. The overflow volume of the tank is 505 U.S. gallons. The tank is design for seismic zone 4 conditions and is anchored with hold down lugs to prevent the tank from dislodging or floating. For chemical and corrosion resistance, the tank is constructed with 20 mil (minimum) resin rich internal and exterior surfaces. The tank is located on grade within a containment curb constructed from poured in place concrete with minimum #4 reinforcing bars. The 6" thick curb walls and floor are finished with a two part epoxy coating. The containment capacity of the curbed enclosure is 553 U.S. gallons. This capacity includes the volume of the tank that is below the containment curb. Separate level indicators will be installed in the tank and containment curb. The level alarms will be tied into the building security system for continuous monitoring. If a neutralization level alarm is activated, the

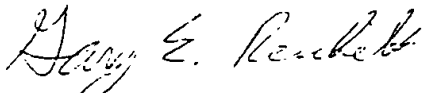
PLC control system will shut down all pumps that feed the neutralization tank. This will prevent any additional liquid from entering the tank.

The neutralization of the waste is performed on a continuous overflow basis. A constant volume of approximately 300 U.S. gallons is automatically controlled between pH 6 and 10 with a maximum operating temperature of 60°C (140° F). As waste from the surge tank is fed into the neutralization tank, redundant pH measurements are continuously made. Concentrated acid or caustic is pumped from drums into the stirred neutralization tank as required based on the pH. The discharge flow to the sanitary sewer will be prevented automatically if either the pH or temperature is out of range. Discharge flow to the sanitary sewer will resume after the pH or temperature falls within the acceptable limits.

A separate containment area is provided for both the acid and caustic chemical drums. Total drum capacity is 165 U.S. gallons (three 55 gallon drums). The containment curbs are constructed from poured in place concrete with minimum #4 reinforcing bars. The 6" thick curb walls and floor are finished with a two part epoxy coating. The containment capacity of each curbed enclosure is 176 U.S. gallons.

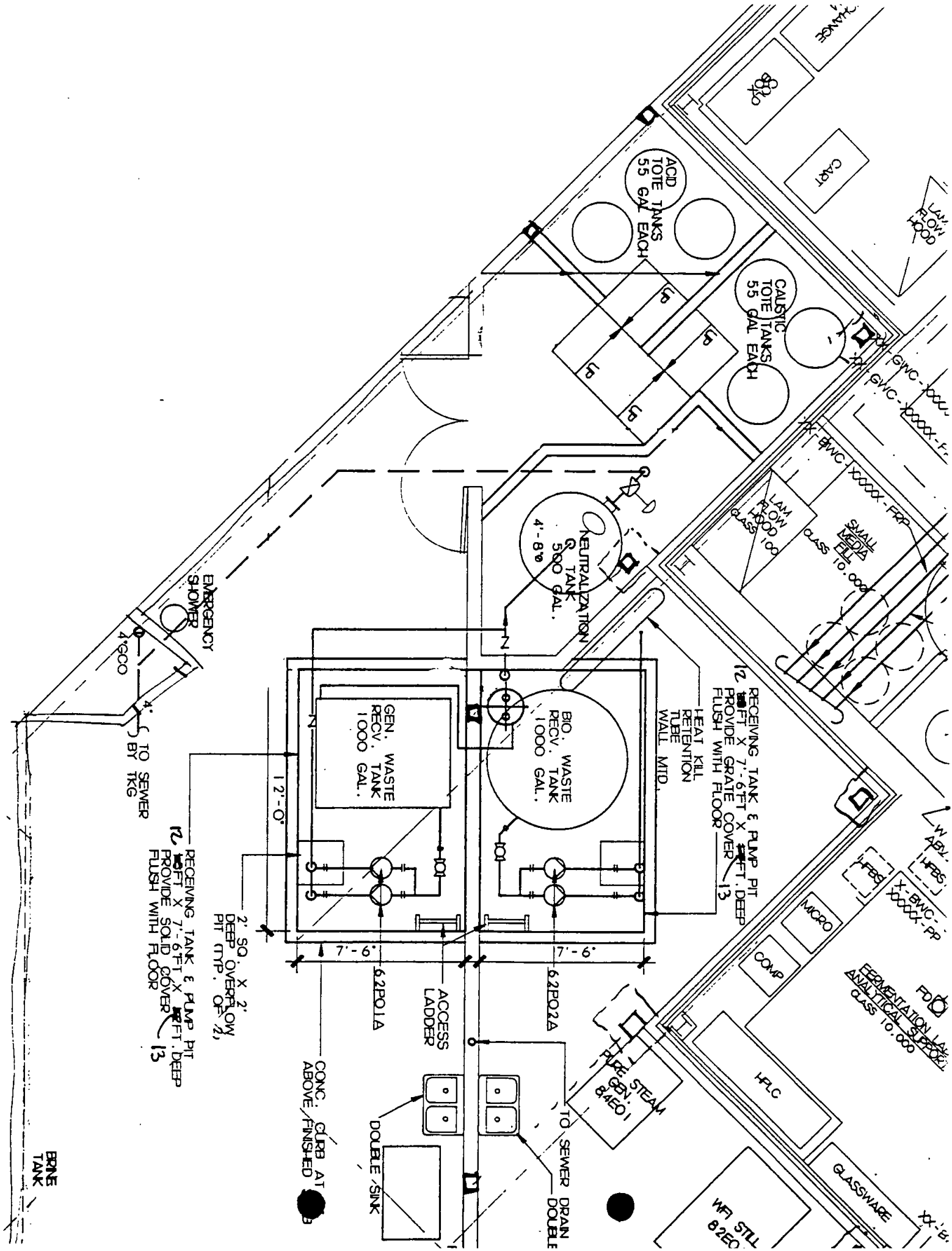
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to be the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,



Gary E. Reichelt, PE
Clark, Richardson & Biskup, Inc.
CA License #M-28711

cc: Jim Ferguson - MBA



EMERGENCY SHOWER

TO SEWER BY TKG

RECEIVING TANK & PUMP PIT
 7'-6" FT X 7'-6" FT. DEEP
 PROVIDE SOLID COVER
 FLUSH WITH FLOOR
 13

2' SQ. X 2' DEEP OVERFLOW PIT (M.P. OF 2,

CONC. CLR. AT ABOVE FINISHED

DOUBLE SINK

ACCESS LADDER

TO SEWER DRAIN DOUBLE

PURE STEAM GEN. 84EO1

RECEIVING TANK & PUMP PIT
 7'-6" FT X 7'-6" FT. DEEP
 PROVIDE GRADE COVER
 FLUSH WITH FLOOR
 13

HEAT KILL RETENTION TUBE WALL MID.

NEUTRALIZATION TANK 500 GAL. 4'-8"

GEN. WASTE RECV. TANK 1000 GAL.

BIO. WASTE RECV. TANK 1000 GAL.

ACID TOTE TANKS 55 GAL EACH

CALSTIC TOTE TANKS 55 GAL EACH

LAM. FLOW 80" GLASS

MICRO

COMP

H-FC

WF STILL 82EO

GLASSWARE

FERMENTATION LAB ANALYTICAL SUPPLY CLASS TO.000

FD

X-BWC-PR

W-ABL

H-FBS

W-ABL

H-FBS

SMALL MEDIA FILL TO.000

CLASS

FRP

X-BWC-PR

H-FBS

LAM. FLOW

CLASS

82EO

CHANGE



January 5, 1998

M C Hull
Idec Pharmaceuticals Corp
11011 Torreyana Rd
La Jolla, CA 92037
EPA ID #CAD981583479

Pete Wilson
Governor

Peter M. Rooney
Secretary for
Environmental
Protection

Dear Ms. Hull:

This is to advise you that the Department of Toxic Substances Control (DTSC) has not received documentation showing that you are in compliance with financial assurance requirements associated with your Permit-by-Rule (PBR) or Conditional Authorization (CA) unit(s).

The California Health and Safety Code (HSC), sections 25245.4(a)(1)(B) and 25245.4(b)(1)(B), require all active PBR and CA businesses to provide financial assurance for closure by October 1, 1996. Title 22, California Code of Regulations (Cal. Code Regs.), section 67450.13(a)(8), requires businesses to submit documentation showing compliance with these financial assurance requirements to the DTSC and the Certified Unified Program Agency (CUPA) with jurisdiction for your business, by January 1, 1997. This documentation consists of a Certification of Financial Assurance for Permit by Rule and Conditional Authorization Operations (DTSC Form 1232) with the appropriate financial documents.

On September 11, 1996, a request to submit the required Certification was initially mailed out by DTSC to all active PBR and CA businesses. As of December 18, 1997, DTSC had not received your facility's Certification for financial assurance for closure (DTSC Form 1232).

Failure to provide DTSC with those documents is a violation of title 22, Cal. Code Regs., section 67450.13(a)(8).

To correct this violation you are required to submit to this office within sixty (60) days of receipt of this letter:

1. A written cost estimate itemizing each closure activity;
2. The financial documents to satisfy the requirements of financial assurance for closure costs. The financial documents must be in the form of a trust fund, surety bond, letter of credit, closure insurance, financial test/corporate guarantee, or alternative mechanism; and

Cal/EPA

Department of
Toxic Substances
Control

45 West Broadway,
Suite 350
Long Beach, CA
562-4444

January 5, 1998
Page 2

3. A Certification of Financial Assurance for PBR and CA Operations
(DTSC Form 1232).

If you meet the conditions of Title 22, Cal. Code Regs., section 67450.13(d) [closure cost estimate does not exceed \$10,000], or (e) [facility's PBR unit operated no more than 30 days in any calendar year], you are not required to submit financial documents, but only the DTSC Form 1232 and the closure cost estimate. The required form is enclosed for your convenience.

If DTSC does not receive the appropriate documentation of your compliance within the specified time frame, you will be issued a Report of Violation. A Report of Violation is the first step in DTSC's formal enforcement process. Failure to comply with the financial assurance requirement could subject your facility to formal enforcement action with penalties up to \$25,000 per day.

If you have any questions regarding the financial assurance for closure requirements, their applicability to your treatment unit(s) or the content of this letter, please contact Mr. Nabil H. Yacoub at (562) 590-5542.

Sincerely,



Stephen W. Lavinger, Chief
State Regulatory Programs Branch
Southern California Region

Enclosure

Certified Mail
Return Receipt Requested

cc: See next page.

FILE# 14775



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH

GARY PRYOR
INTERIM DIRECTOR

RICHARD HAAS
ASSISTANT DIRECTOR

P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(619) 338-2222 FAX (619) 338-2377

September 1, 1998

Mr. Mark Thompson, Manager EH&S
IDEC Pharmaceutical Corporation
11011 Torreyana Road
San Diego, CA 92121

ONSITE MEDICAL WASTE TREATMENT PERMIT

Dear Mr. Thompson:

SITE: 11011 TORREYANA ROAD, SAN DIEGO, CA 92121

On July 22, 1998, the Hazardous Materials Management Division (HMMD) conducted a site visit to verify the information submitted to the HMMD in the permit application was correct and that your facility was in compliance with the Medical Waste Management Act, California Health and Safety Code. During this site visit, it was observed that your facility needed to provide the HMMD with autoclave temperature and pressure calibration documentation for the autoclave in Room 257 in order to complete your application requirements. This information was received on August 24, 1988 and found to be complete.

The HMMD hereby issues a five year permit for the onsite treatment of medical waste in the following autoclaves:

Consolidated Stills & Sterilizers Model SR-24D Serial No. 32284 and
Eagle Series Vacamatic AMSCO 3023 Model E3023-1 Serial No. 0101593-10 (Room 257)

This permit is being issued with the following conditions:

PERMIT CONDITIONS

1. The permittee must **not** accept and/or treat medical waste from offsite locations at this facility. This permit authorizes treatment of medical waste from onsite locations only as defined in the California Health and Safety Code, Section 117740.

2. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control which are installed or used by the permittee to achieve compliance with the California Health and Safety Code, Medical Waste Management Act. Proper operation and maintenance shall include but not be limited to effective performance; adequate funding; adequate operator staffing and training; and adequate laboratory and process controls, including appropriate quality assurance procedures. Backup facilities or auxiliary systems shall be operated only when necessary to maintain compliance.
3. The permittee shall take all steps to minimize or correct any adverse impact on the environment resulting from noncompliance with the conditions of the permit.
4. The permittee shall not continue an activity regulated by this permit after the expiration date. If the permittee wishes to continue such activity a timely application for renewal must be submitted to the HMMD.
5. The permittee shall furnish to the enforcement agency any relevant information which the enforcement agency may request to determine whether cause exists for modifying, revoking, amending, reissuing, or termination of the permit to treat medical waste.
6. The permittee shall allow an authorized representative of the HMMD to:
 - a. Enter at reasonable times, the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of the permit;
 - b. Have access to and copy at reasonable times any records that must be kept under the conditions of the permit; and
 - c. Sample or monitor at reasonable times for the purposes of assuring permit compliance.
7. The permittee shall maintain a monitoring program as outlined in the permit application.
8. The permittee shall retain records of all monitoring information not limited to but including all calibration, maintenance records, quality assurance records, strip chart recordings, autoclave logs, and spore tests results, for a minimum of three years.

Mr. Thompson

3

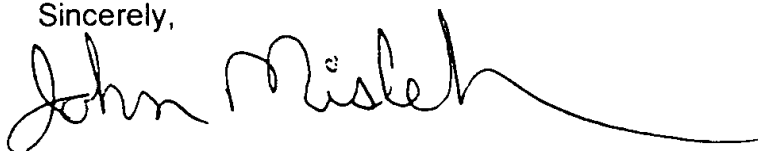
September 1, 1998

9. The permittee shall give notice to the HMMD at least 30 days in advance of any planned physical alterations or additions to the facility affecting the storage and/or treatment of medical waste.
10. Emergency notification must be made to the HMMD for incidents involving medical waste that may endanger public health and safety, or the environment.
11. The permittee shall comply with the procedures and requirements identified in the permit application documents submitted to the HMMD as a basis for issuing the medical waste treatment permit.

The medical waste treatment permit issued for your facility will expire on September 1, 2003. If the treatment of medical waste is to continue after this period a permit renewal application must be sent to the HMMD. If this activity is to cease whereby the closure plan must be implemented, the HMMD must be notified at least 30 days prior to initiation of closure activities. Failure to meet these permit conditions may cause the revocation of your permit. Unauthorized treatment of medical waste is a violation of State law subject to criminal and civil penalties.

If you have any questions please contact Pam Jackson, Environmental Health Specialist, at (619) 338-2472.

Sincerely,



JOHN MISLEH, Deputy Chief
Hazardous Materials Management Division

Attachment

cc: Pam Jackson, Environmental Health Specialist III
Richard Porter, Environmental Health Specialist III
Scott Weldon, Environmental Health Specialist II
File #H14775

CERTIFIED MAIL/RRR

Filename:pj:IDEC onsite trmnt prmt



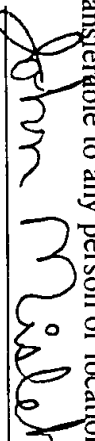
County of San Diego
Department of Environmental Health
Hazardous Materials Management Division
Medical Waste Management Program

**PERMIT FOR
MEDICAL WASTE
On-Site Treatment**

Has Been Issued To: IDEC Pharmaceuticals Corporation
Site Address: 11011 Torreyana Road, San Diego 92121
Autoclaves: Consolidated Stills & Sterilizers Model SR-24D Serial No. 32284 and
Eagle Series Vacumatic AMSCO 3023 Model E3023-1 Serial No. 0101593-10 (Room 257)
HMMD Permit Number: H14775 Expiration Date: September 1, 2003

The facility named herein is permitted pursuant to the provisions of the Medical Waste Management Act, of the California Health and Safety Code. The above named facility shall be subject to all applicable provisions of the above law. This permit is not transferable to any person or location.

Date Issued: September 1, 1998


John Mistleh, Deputy Chief
Hazardous Materials Management Division

Note: (Not valid without authorized signature)



11011 TORREYANA ROAD
SAN DIEGO, CALIFORNIA 92121
619/550-8500 • FAX 619/550-8750

February 18, 1998

Mr. Scott Weldon
County of San Diego County
Department of Environmental Health
Hazardous Materials Management Division
P.O. Box 85261
MS-N562
San Diego, CA 92186-5261

Dear Scott,

This letter is submitted as follow-up to your compliance inspection report dated 12/11/97, wherein you made a recommendation that IDEC should begin collecting certain spent buffers generated in the manufacturing area. It is my understanding that your recommendations were made based on concerns over whether or not the wastes were considered hazardous due to aquatic toxicity or ignitability.

In response to your comments IDEC has carried out the following actions:

- 1) Reviewed the processes carried out in the purification area and the chemistry of the buffers used;
- 2) Reviewed the engineering of the waste collection system that supports the purification area;
- 3) Performed testing of the Protein A sanitizing solution as specified in Title 22 Section 66261.24(a)(6), and;
- 4) Met with representatives of the Metropolitan Industrial Waste Program to review IDEC's current waste management practices and discharge compliance history.

As a result of carrying out the actions indicated above IDEC has concluded that the waste management practices currently in effect in the purification area meet the requirements of Title 22 of the California Code of Regulations (CCR). In accordance with this determination IDEC will continue to manage the waste generated in the purification area as it has in the past. The rationale for this determination is indicated below.

D-TEK

**11494 SORRENTO VALLEY RD, SUITE G
SAN DIEGO, CA 92121
(619) 259-5901 FAX (619) 259-5902**

**IDEC PHARMACEUTICALS
11011 Torreyana Road
San Diego, CA 92121**

ATTN: Mr. Mark Thompson

Date of Report:	9/18/97
Sampling Dates:	9/9/97, 9/10/97, 9/11/97, 9/14/97, 9/15/97
Date Sample Received:	9/15/97
Date Analyzed:	9/18/97
Analyzed By:	JV
Sample Type:	Liquid
Project Name:	
Log Number:	97-0687 to 97-0692

D-TEK

11494 SORRENTO VALLEY ROAD, SUITE G.
SAN DIEGO, CA. 92121
(619) 259-5901 FAX (619) 259-5902

IDEC PHARMACEUTICALS
11011 Torreyana Road
San Diego, CA 92121

ATTN: Mr. Mark Thompson


Date of Report:	9/18/97
Sampling Dates:	9/9/97, 9/10/97, 9/11/97, 9/14/97, 9/15/97
Date Sample Received:	9/15/97
Date Analyzed:	9/18/97
Analyzed By:	JV
Sample Type:	Liquid
Project Name:	
Log Number:	97-0687 to 97-0692

ANALYSES RESULTS

ANALYSIS:	Flashpoint
PREP / ANALYSIS	
METHOD:	EPA 1010
UNITS:	° F

<u>LOG #:</u>	<u>SAMPLE ID:</u>
----------------------	--------------------------

97-0687	#1	>212
97-0688	#2	>212
97-0689	#3	>212
97-0690	#4	>212
97-0691	#5	>212
97-0692	#6	>212


Robert Bourgeois
 Vice President

D-TEK
11494 SORRENTO VALLEY ROAD
SUITE G
SAN DIEGO, CA. 92121
(619) 259-5901 FAX (619) 259-5902

QUALITY CONTROL DATA REPORT

Date: 9/18/97
Attn: Mr Mark Thompson
Log #: 97-0687 to 97-0692
Date Analyzed: 9/18/97

ANALYSIS	PREP/ANALYSIS METHOD	LCS % RECOVERY
Flashpoint	EPA 1010	101


ELLEN ATIENZA
QA/QC Specialist

- LCS - LABORATORY CONTROL STANDARD. REPORTED AS % RECOVERY OF AN INDEPENDENT STANDARD CARRIED THROUGH ALL SAMPLE PREPARATION PROCEDURES TO VERIFY METHOD PERFORMANCE. ACCEPTABLE RANGE IS 80% - 120% RECOVERY.
- SPIKE - ENVIRONMENTAL SAMPLE IS MATRIX SPIKED WITH METHOD COMPOUNDS AND % RECOVERY OF CONCENTRATION SPIKED INTO SAMPLE IS CALCULATED REPORTED AS % RECOVERY. ACCEPTABLE RANGE FOR "NORMAL MATRIX SAMPLE" IS 75% - 125% RECOVERY.
- SURROGATES - COMPOUNDS REPRESENTATIVE OF A GROUP OF COMPOUNDS. SURROGATES ARE SPIKED INTO ENVIRONMENTAL SAMPLES AND % RECOVERY OF CONCENTRATION SPIKED IS CALCULATED AND REPORTED. ACCEPTABLE RANGE VARIES DEPENDING ON SAMPLE MATRIX AND ANALYSIS METHOD.

CALIFORNIA DEPARTMENT OF HEALTH SERVICES
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
List of Approved Fields of Testing and Analytes

D-Tek Laboratory
11494 Sorrento Valley Road, Suite G
San Diego, CA

TELEPHONE No: (619) 259-5901
CALIFORNIA COUNTY: San Diego

CERTIFICATE NUMBER: 2191
EXPIRATION DATE: 12/31/98

2 Inorganic Chemistry and Physical Properties of Drinking Water excluding Toxic Chemical Elements

- 2.1 Alkalinity
- 2.3 Chloride
- 2.4 Corrosivity
- 2.6 Hardness
- 2.8 MBAS
- 2.12 Sulfate
- 2.13 Total Filterable Residue and Conductivity
- 2.16 Phosphate, ortho
- 2.18 Cyanide

5 Organic Chemistry of Drinking Water (excluding measurements by GC/MS combination)

- 5.6 EPA Method 504.1
- 5.7 EPA Method 505
- 5.13A EPA Method 515.1

9 Physical Properties Testing of Hazardous Waste

- 9.1 Ignitability by Flashpoint determination (Title 22, CCR, 66261.21)
- 9.2 Corrosivity - pH determination (Title 22, CCR, 66261.22)
- 9.3 Corrosivity - Corrosivity towards steel (Title 22, CCR, 66261.22)
- 9.4 Reactivity (Title 22, CCR, 66261.23)

13 Organic Chemistry of Hazardous Waste (excluding measurements by GC/MS combination)

- 13.12A EPA Method 8150B

16 Wastewater Inorganic Chemistry, Nutrients and Demand

- 16.1 Acidity
- 16.2 Alkalinity
- 16.3 Ammonia
- 16.4 Biochemical Oxygen Demand
- 16.10 Chloride
- 16.13 Cyanide amenable to chlorination
- 16.14 Fluoride
- 16.15 Hardness
- 16.16 Kjeldahl Nitrogen
- 16.18 Nitrate
- 16.19 Nitrite
- 16.22 Oxygen, Dissolved
- 16.23 pH
- 16.24 Phenols
- 16.25 Phosphate, ortho
- 16.26 Phosphorous, Total
- 16.28 Residue, Total
- 16.29 Residue, Filterable (Total Dissolved Solids)

Certificate No.: 2191
Expiration Date: 12/31/98
Page 2

16 Wastewater Inorganic Chemistry, Nutrients and Demand (continued)

- 16.30 Residue, Nonfilterable (Total Suspended Solids)
- 16.31 Residue, Settleable (Settleable Solids)
- 16.32 Residue, Volatile
- 16.36 Sulfate
- 16.37 Sulfide (includes total and soluble)
- 16.39 Surfactants (MBAS)

19 Organic Chemistry of Wastewater (excluding measurements by GC/MS combination)

- 19.8 EPA Method 608

(121996)

**California Title 22 - Hazardous Waste Toxicity Test
Toxicity Test Data Sheet - Ogden Bioassay Laboratory**

Client: IDEC PHARMACEUTICALS Start Date & Time: 1/12/98 1535
 Sample ID: SAMPLE NO. A End Date & Time: 1/16/98 1410
 Contact: MARK THOMPSON Test Organism: P. promelas
 Test #: 9801-024 Test Protocol: California Title 22 - Hazardous Waste Toxicity Test

Conc.	Rep	Number of Live Organisms		Dissolved Oxygen (mg/L)	pH (units)	Conductivity (umhos/cm)	Temperature (°C)	Percent Survival
		Initial	Final					
Control	a	10	10	8.5	7.8	174	19.1	100
	b	10	10	8.3	7.8	174	19.1	100
62.5 mg/L	a	10	10	8.6	7.8	174	19.1	100
	b	10	10	8.4	7.7	174	19.1	100
125 mg/L	a	10	10	8.2	7.5	173	19.1	100
	b	10	10	8.2	7.5	173	19.1	100
250 mg/L	a	10	10	8.4	7.2	171	19.1	100
	b	10	10	8.4	7.2	171	19.1	100
500 mg/L	a	10	10	8.4	7.1	171	19.1	100
	b	10	10	8.4	7.1	171	19.1	100
750 mg/L	a	10	10	8.3	7.0	170	19.1	100
	b	10	10	8.3	7.0	170	19.1	100
Technician Initials	VF	ST	SC	YJ	ST	ST	ST	ST
	Alkalinity*	Hardness*		pH		Conductivity		Temperature
Conc.	*(mg/L as CaCO3)		Alkalinity*		Hardness*		pH	
	Initial	Final	Initial	Final	Initial	Final	Initial	Final
control	2.3	3.4	4.7	4.9	7.8	174	19.1	19.1
highest conc.	1.6	2.5	5.0	6.4	7.5	174	19.1	19.1

Sample Description: clear liquid. Strong odor Analysis: SC, ST, AS
 Comments: 0 hrs: 24 hrs: 48 hrs: 72 hrs: 96 hrs:

Airlines set up to increase DO
62.5 mg/L tank a checked 50 fish and approx 1 liter transferred into new tanks (19) 458-9044

Reviewed: MS 1.13.98 QC check: MA 1/22/98

Ogden Bioassay Laboratory
 5550 Morehouse Dr., Suite B
 San Diego, CA 92121

Ogden Environmental and Energy Services Company

Bioassay Laboratory
 5550 Morehouse Drive, Suite B
 San Diego, CA 92121
 (619) 458-9044

Client Name: Idec Pharmaceuticals Address: 11011 Torreyana Road, San Diego, CA 92121
 Sample ID: No. 1 Results: LC50 >750 mg/L
 Ogden ID: 9801-024

Sample and Bioassay Information

Test Type: Definitive Test Conditions: Static
 Test Species: Pimephales promelas Common Name: Fathead minnow
 Organism Supplier: Aquatic BioSystems Number per Tank: 10
 Acclimation Period: >24 hours Acclimation Temp. (°C): 20 ± 2
 Mean Length (mm): 24 Mean Weight (g): 0.239
 Range (mm): 30-38 Range (g): 0.156-0.341
 Dilution Water: Charcoal-filtered tapwater adjusted Loading Rate (g/L): 0.30
 Sample Receipt Date: 1/8/98 Test Solution Volume (liters): 8
 Test Dates: 1/12/98-1/16/98

Results Summary

Treatment	Rep.	Initial Count	Final Count	Percent Survival	Average Survival
Control	A	10	10	100	100
	B	10	10	100	
62.5 mg/L	A	10	10	100	100
	B	10	10	100	
125 mg/L	A	10	10	100	100
	B	10	10	100	
250 mg/L	A	10	10	100	100
	B	10	10	100	
500 mg/L	A	10	10	100	100
	B	10	10	100	
750 mg/L	A	10	10	100	100
	B	10	10	100	

Analyst(s): SC, JT, AS Date: 1/21/98 - 1/16/98
 Review: Mh Date: 1/22/98

File # 414775



County of San Diego

DANIEL J. AVERA
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
P.O. BOX 85261, SAN DIEGO, CA 92186-5261
(619) 338-2222 FAX (619) 338-2377

January 6, 1998

Mr. Mark Thompson
IDEC Pharmaceuticals
11011 Torreyana Road
San Diego, CA 92121

ONSITE TREATMENT PERMIT APPLICATION NOTICE OF DEFICIENCY

SITE: 11011 TORREYANA ROAD, SAN DIEGO, CA 92121

Dear Mr. Thompson:

On August 29, 1997, your application for an onsite medical waste treatment facility permit modification was received by the County of San Diego, Hazardous Materials Management Division (HMMD). A review of your application has determined deficiencies in the following areas:

1. Attachment 5: Section VIII. Facility Information;
Please be advised that double, red plastic bagging of solid medical waste is required in the local County Medical Waste Management Ordinance, but is not required in the State Medical Waste Management Act. The County has chosen to enforce the State requirements of single red bag for medical waste collection. You may modify your procedures from a double, red plastic bag to a single red plastic bag. If you choose to do so, please amend the appropriate sections of your permit application to reflect the modification in your procedure.

2. Attachment 7: Section X. Operation Plan;
 1. Waste Handling and Segregation:
Biohazardous waste should be handled by trained personnel, in accordance with the California Health & Safety Code, Part 14, the County Medical Waste Management Ordinance and the California Code of Regulations Title 22.

Red bags should be tied to prevent leakage (HSC 118280 (a)), then sealed with autoclave tape. The leak resistant plastic containers equipped with lids to store red bag and sharps waste must be leak resistant, have tight-fitting covers that are labeled with the words "Biohazardous Waste" or the international biohazardous symbol and the word "BIOHAZARD" on the lid and on the sides so as to be visible from any lateral direction

(HSC 118280 (b)). Please add the italicized language to your Waste Handling and Segregation section of your plan.

2. Storage Procedures and Storage Time: Red bags have a seven (7) day maximum storage time *from first use of bag*. Include this storage time limit to your plan and implement it in your operations. Your plan currently states that 'biohazardous waste is kept no more than 30 days before being treated.' This 30 day timeline clearly exceeds the 7 day maximum storage time for red bags from first use of bag. Clarify in your plan that red bags will be autoclaved when they reach the maximum storage time of 7 days from the time of first use. Note that sharp containers have a maximum storage time of seven days after sharp containers become full.
3. Spill/Leak Procedures, Clean Up, Decontamination: In case of a larger leak, the liquid may be decontaminated in place using a liquid decontaminant such as bleach (10%) or a microbiocidal detergent. Please expand on this section to describe contact time for the liquid decontaminant and procedures to follow to assure that all spill liquid was rendered nonhazardous and decontaminated. Specifically list the State approved disinfectants to be used and their required concentration and contact time.

Attachment 8: Operating Procedures for Waste Sterilizer

3. Section 6.0 Procedural Notes: Subsection 6.2: Include maximum storage times for sharps instead of 'pick-ups are arranged on an as needed basis.' In Section 6.3, include the maximum storage times for red bag waste prior to treatment.
4. Section 8.0 Documentation: Retention of Sterilizer Run Logs, Sterilizer Monthly Test Forms, and Chart Recordings; Subsection 8.2.1: Keep all Sterilizer logs and records for a minimum of three (3) years, not 2 years.

Attachment 9: Emergency Action Plan

5. In Section 5, PWN or an equivalent waste hauler will be contacted to do a pick up if equipment will be down for more than 24 hours. In Section 7, PWN will be contact to pick-up and dispose of waste if equipment will be down for more than 72 hours. It is unclear why one emergency requires a 24 hour response and the other only a 72 hours response given waste generation would remain constant in both circumstances. Please standardize the time for contacting a licensed waste hauler in case of emergency.

Medical Waste Management Plan

6. The Medical Waste Management Plan lists Liquids (cultures, urine, etc.) described as vacuum flask to be treated with bleach, then sewered. The Medical Waste Management Act (MWMA) does not permit the treatment of laboratory waste with bleach, then its release into the sewer system. Liquid or semiliquid laboratory waste as defined in HSC Section 117635 and microbiological specimens cannot be discharged into a public sewer (HSC Section 118215). The liquid laboratory waste generated at your facility must be contained and

Mr. Thompson

January 6, 1998

treated via one of the approved methods described in HSC Section 118215. These approved methods include incineration, steam sterilization or any alternative medical waste treatment method approved by the department. After liquid medical waste is rendered nonhazardous, it may then be sewered with the approval of your local sewer agency. The MWMA Section 117700 (a) exempts biotechnology waste that does not contain an infectious agent as defined in Section 117675 from being medical waste. If the liquid vacuum flask waste falls within this exemption, then it may be treated with bleach, then sewered. The concern is that all liquid waste containing infectious agents must be properly treated, most commonly by autoclaving. If bleach is being used to disinfect the liquid, then it may be infectious and should therefore be properly treated by autoclaving. Any exemptions must be clearly defined and explained in your application.

7. **SIGNAGE:** Please add a section in your plan that describes biohazardous waste storage room signage. All designated accumulation areas used for the storage of medical waste containers should be marked with a warning sign in accordance to HSC Section 118310. The wording of warning signs shall be in English, "CAUTION – BIOHAZARDOUS WASTE STORAGE AREA – UNAUTHORIZED PERSONS KEEP OUT," and in Spanish "CUIDADO – ZONA DE RESIDUOS – BIOLÓGICOS PELIGROSOS – PROHIBIDA LA ENTRADA A PERSONAS NO AUTORIZADAS," or in another language, in addition to English, determined to be appropriate by the infection control staff.

Please make the requested modifications to your permit application and send them to my attention, Pam Jackson, 338-2472, PO Box 129261, San Diego, CA 92112-9261 (NOTE: this is a new address).

If you have any questions, please give me a call (619) 338-2472.

Sincerely,



PAM JACKSON, Supervising Hazardous Materials Specialist
Hazardous Materials Management Division

CC: Dale DeWeese, EHS
Scott Weldon, EHS
File #H14775

CERTIFIED MAIL/RRR

On-Site Medical Waste Permit Applic; A:\DECnod

Memo

To: EH&S Files
From: Mark Thompson
CC:
Date: 10/26/99
Re: Spill of Hydraulic Fluid in parking lot of 11011 Torreyana Road

- On the morning of 9/10/99 a spill of a petroleum based liquid (probably hydraulic fluid) was discovered in the back parking lot at Torreyana. The spill extended from the maintenance shed to the emergency generator. Circumstantial evidence suggested that the source of the spill was the Pacific Waste Management truck that had been there earlier that morning. The maintenance personnel on-site at the time used their spill response supplies to prevent the fluid from moving towards the storm drain. Pacific was contacted and responded by sending out a clean-up crew. By about noon Pacific had removed all standing liquid. As follow-up I contacted Jack Bracston (278-6061) at Pacific to express my concerns regarding the impact of this incident to our stormwater compliance efforts. I ask him if they were planning on steam cleaning the spill area to remove all residual material. Jack's position was that steam cleaning was not worth the effort due to the low recovery rate of petroleum products from the asphalt. Had the surface been concrete it would have been different and they would have performed steam cleaning. He indicated that Pacific has had to deal with this type of situation before and that both the local Stormwater Office and the Dept. of Health Services concurred that their clean-up methods were sufficient. He agreed to send IDEC a letter to this effect for our files; this letter was received on 9/22 attached).

114775



September 20, 1999

IDEC
Attn: Mark Thompson
3030 Callan Rd.
San Diego, Ca 92121

Per our conversation of September 7, 1999, concerning the hydrolic oil spill in your yard, the approximate amount of spill was 1.5 gallons spread over an asphalt area. This was absorbed by applying two layers of ground-up corn cob which absorbed surface oil. The corn cob was swept up and disposed of; the remainder of the spilled oil was absorbed into the asphalt. This is our standard method of cleaning oil spills and has been approved by Haz Mat.

A handwritten signature in black ink, appearing to read "John E. Broadstock", with a long horizontal flourish extending to the right.

John E. Broadstock
Maintenance Manager

JB/mc



IDEC

Pharmaceuticals Corporation®

To: Chris Burman
From: Mark Thompson *not*
Date: 6/10/99
Re: Release of Sentol to the Stormwater System at 11011 Torreyana Road
cc. EH&S Files, Bert Van Loon

At 11:30 a.m. on 6/7/99 EH&S was informed that approximately 5 gallons of Sentol had been spilled unto the ground in the utility area, and that this liquid had moved into the storm drain line serving the lower level of the parking structure. Sentol is 37% phosphoric acid and 63% water.

By the time EH&S was notified several members of the maintenance department had already spent 20 minutes attempting to control the spill. Upon initial discovery those employees present had immediately carried out the actions identified as part of IDEC's best management practices for such an event; these actions included determining the source of the spill and shutting it down, notifying EH&S staff, limiting general employee access to the spill area, and closing the valve installed to prevent the release of contaminated storm water off-site into the neighboring canyon.

At the time of the spill it appeared that the material would move to the southern end of the facility, however, it did not, and moved instead to the north where it entered the main stormwater line serving Torreyana Road. Had the liquid moved south it could have been recovered from the sealed line using the pumps and drums available on hand. The control valve installed at the southern end of the facility was installed in preparation for this exact type of event. A control valve at the northern end of the property had not been installed since most industrial activities are concentrated at the other end of the building.

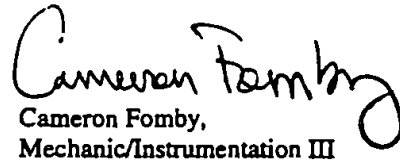
Although there was not sufficient time to prevent a release of material into the storm drain system clean-up operations began immediately on the residual surface contamination. This operation consisted of using a large quantity of clean water to flush the effected drain line; this action was intended to minimize the impact of the acid on the system. Several pH measurements were made at a sump adjacent to the point at which the drain line leaves the property. Based on readings taken at the time the pH of the slug of water released to the storm drain is estimated at 5.5.

The cause of the spill was primarily operator error. Cameron Fomby had left a transfer pump unattended for a moment and the hose fell out of the receiving container (Cameron's report is attached). No injuries occurred as a result of the release, and no adverse environmental impact is expected. No external agencies had to be contacted to assist with clean-up operations. EH&S is currently considering those actions that need to be taken to prevent a similar event from recurring, and will update the storm water pollution prevention plan accordingly. At this time I am recommending the installation of two additional control valves on the storm water lines exiting the property to the North. It should be possible to install one valve in the sump mentioned above and the other on the outfall entering the canyon adjacent to the vivarium.

On the afternoon 6/7/99 phone calls were made to the San Diego County Department of Environmental Health, Hazardous Materials Management Division, the Governor's Office of Emergency Services, and the City of San Diego Storm Water Program in order to verbally report the release. All calls were made between 2 and 3 p.m. Written notification of the incident was submitted today to these same agencies.

To Whom It May Concern,

At approximately 11:00am on Monday, June 7 1999, about 5 gallons of Sentol were accidentally spilled to the city sewer while transferring from one container to another. Large amounts of water were immediately sent to drain after it and after checking the pH at the last point of drain on the property, it was found to be 5.5pH. To avoid such problems in the future, it has been recommended that the end of the working utility yard be bermed up to contain any future spills in the area the chemicals are used.


Cameron Fomby,
Mechanic/Instrumentation III



3030 CALLAN ROAD
SAN DIEGO, CALIFORNIA 92121
619/550-8500 • FAX 619/458-8887

06/10/99

Mr. Peter Neubauer
County of San Diego
Department of Environmental Health, HMMD
1225 Imperial Avenue
P.O. Box 129261
San Diego CA 92112-9261

Dear Peter,

This letter constitutes written follow-up regarding an incident during which approximately 5 gallons of a 37% phosphoric acid/63% water solution was released into a storm drain. This incident occurred at 11011 Torreyana Road, San Diego CA., 92121 at approximately 11 a.m. on 6/7/99. No injuries occurred as a result of the release, and no adverse environmental impact is expected. No external agencies had to be contacted to assist with clean-up operations.

At the time of the incident the employees involved began carrying out the procedures identified as part of IDEC's best management practices for such an event (i.e. immediate determination and shut-down of the source of the spill, notification of EH&S staff, actions taken to limit access to the spill area, and the closing of shut-off valves installed to minimize the release of contaminated storm water). Although there was not sufficient time to prevent a release to the storm drain, clean-up operations began immediately to minimize any impact to the environment. A quantity of clean water was used to flush the effected drain line. Testing for pH was carried out a sump adjacent to the point at which the drain line left the property. Based on readings taken at the time the pH of the material released to the storm drain is estimated at 5.5.

On the afternoon 6/7/99 a phone call was made to your office in accordance with the requirements for verbal notification within 24 hours following any release. In addition to notifying your agency, IDEC contacted the offices of the City of San Diego Storm Water Program, and the Governor's Office of Emergency Services. Written notification will be submitted to all agencies that received verbal notification. IDEC is currently considering those actions that need to be taken to prevent a similar event from recurring, and will update it's storm water pollution prevention plan accordingly. I anticipate that additional correspondence between IDEC and your agency may be required in order to closeout this incident. I may be contacted at (619) 458-8822, Monday through Friday, 9- 5 P.M.

Sincerely,

Mark Thompson
Sr. Manger, Environmental Health and Safety



3030 CALLAN ROAD
SAN DIEGO, CALIFORNIA 92121
619/550-8500 • FAX 619/458-8887

06/10/99

Mr. Kirk Whitaker
City of San Diego Storm Water Program
1010 2nd Avenue, Suite 500
San Diego, CA 92101

Dear Kirk,

This letter constitutes written follow-up regarding an incident during which approximately 5 gallons of a 37% phosphoric acid/63% water solution was released into a storm drain. This incident occurred at 11011 Torreyana Road, San Diego CA., 92121 at approximately 11 a.m. on 6/7/99. No injuries occurred as a result of the release, and no adverse environmental impact is expected. No external agencies had to be contacted to assist with clean-up operations.

At the time of the incident the employees involved began carrying out the procedures identified as part of IDEC's best management practices for such an event (i.e. immediate determination and shut-down of the source of the spill, notification of EH&S staff, actions taken to limit access to the spill area, and the closing of shut-off valves installed to minimize the release of contaminated storm water). Although there was not sufficient time to prevent a release to the storm drain, clean-up operations began immediately to minimize any impact to the environment. A quantity of clean water was used to flush the effected drain line. Testing for pH was carried out a sump adjacent to the point at which the drain line left the property. Based on readings taken at the time the pH of the material released to the storm drain is estimated at 5.5.

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Sincerely,

A handwritten signature in black ink, appearing to read "Mark Thompson".

Mark Thompson
Sr. Manger, Environmental Health and Safety



3030 CALLAN ROAD
SAN DIEGO, CALIFORNIA 92121
619/550-8500 • FAX 619/458-8887

06/10/99

Governor's Office of Emergency Services
2800 Meadowview road
Sacramento, CA 95832

Reference: Release Reporting Number 99-24-34

Dear Sir,

This letter constitutes written follow-up regarding an incident during which approximately 5 gallons of a 37% phosphoric acid/63% water solution was released into a storm drain. This incident occurred at 11011 Torreyana Road, San Diego CA., 92121 at approximately 11 a.m. on 6/7/99. No injuries occurred as a result of the release, and no adverse environmental impact is expected. No external agencies had to be contacted to assist with clean-up operations.

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Sincerely,

A handwritten signature in black ink, appearing to read "Mark Thompson".

Mark Thompson
Sr. Manger, Environmental Health and Safety

MATERIAL SAFETY DATA SHEET

QUICK IDENTIFIER

SENTINEL

7

8:00-5:00 EST-MON-FRI 1-800-543-4906

MEDICAL (COLLECT) 303-592-1024

CHEMTREC

EMERGENCY PHONE NO. 1-800-421-9300

IDEC PHARMACEUTICAL CORP
3030 CALLAN
SAN DIEGO CA 92121

DIVERSEY LEVER INC.
46701 COMMERCE CENTER DR
PLYMOUTH, MI 48170
PREPARED BY: H.S.E.
ON 08/13/96

1-800-831-9889

REFERENCE

B/L# 391515-00

ABBREVIATIONS ..C-CEILING..MP-MAXIMUM PEAK..N/A-NOT APPLICABLE..N/K-NOT KNOWN..P-POTENTIAL..PEL-PERMISSIBLE EXPOSURE LIMIT..PM-PENSKY MARTENS..S-SKIN..ST-SHORT TERM..TLV-THRESHOLD LIMIT VALUE..TWA-TIME WEIGHTED AVERAGE.

COMMON NAME USED ON LABEL: **SECRET** CODE: **08343**

CHEMICAL FAMILY: **LIQUID ACID CLEANER**

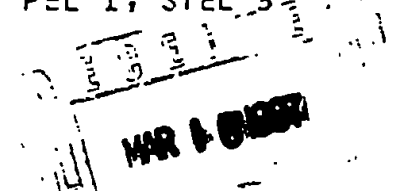
PRINCIPAL HAZARDOUS COMPONENT(S) CHEMICAL & COMMON NAME % EXPOSURE LIMITS (TWA 8 HOUR UNLESS OTHERWISE SPECIFIED) UNITS

PHOSPHORIC ACID (7664-38-2)

37

TLV 1; PEL 1; STEL 3

MG/M3



BOILING POINT: 235 °F SPECIFIC GRAVITY: 1.235 VAPOR PRESSURE: 12.8 mmHg@ 20°C VOLATILE BY VOLUME: 62%
VAPOR DENSITY: N/A EVAPORATION RATE (H₂O=1): >1 SOLUBILITY IN WATER: 100 REACTIVITY IN WATER: 0 REACTIVITY WITH ORGANIC SOLVENTS: 0

APPEARANCE & ODOR: **RED LIQUID; SLIGHT ACID ODOR**

FLASH POINT: **NONE °F** FLAME EXTENSION: **N/A in.** FLAMMABLE LIMITS: LOWER: **NONE** UPPER: **NONE** AUTO IGNITION TEMPERATURE: **N/A °F**

EXTINGUISHER MEDIA: **CO₂, FOAM, DRY CHEMICAL, WATER, WATER FOG**

FIREFIGHTING: **WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE GEAR TO**

SPECIAL PROCEDURES: **PREVENT SKIN CONTACT WITH ACIDIC SOLUTIONS.**

UNUSUAL FIRE AND EXPLOSION HAZARDS: **STRONG ACIDIC LIQUID**

STABILITY: POLYMERIZATION: **NONE**
STABLE

INCOMPATIBLE WITH: **CONCENTRATED ALKALIS, SOFT METALS, OR CHLORINATED COMPOUNDS**

DECOMPOSITION PRODUCTS: **PHOSPHORUS OXIDES**

PRIMARY ROUTES OF ENTRY: INHALATION: **YES** SKIN: **YES** INGESTION: **YES**

SIGNS AND SYMPTOMS: 1. ACUTE: **CAUSES BURNS TO SKIN AND EYES. MISTS CAUSE SEVERE IRRITATION TO SKIN, EYES, AND RESPIRATORY TRACT, PULMONARY EDEMA. CAUSES BURNS TO DIGESTIVE TRACT. HARMFUL IF SWALLOWED.**

SYMPTOMS: 2. CHRONIC: **SAME AS ACUTE**

OVEREXPOSURE

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: **SENSITIVE SKIN AND EYES, MAY AGGRAVATE RESPIRATORY DISEASE.**

LISTED CARCINOGEN: **NOT CARCINOGENIC** NTP: **NO** IARC: **NO** OSHA: **NO**

EMERGENCY AND FIRST AID PROCEDURES

1. INHALATION REMOVE TO FRESH AIR. IF DIFFICULT BREATHING, SEEK PROMPT MEDICAL ATTENTION.
2. EYES IMMEDIATELY FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.
3. SKIN IMMEDIATELY FLUSH WITH FRESH WATER, FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHES AND SHOES.
4. INGESTION GIVE WATER. DO NOT INDUCE VOMITING. GET PROMPT MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

RESPIRATORY PROTECTION USE APPROVED NIOSH/MSHA RESPIRATOR TO MAINTAIN PEL/TLV OR FOR POTENTIAL EXPOSURES IF REPEATED OR PROLONGED EXPOSURE. VENTILATION LOCAL YES

VENTILATION MECHANICAL NORMAL AIR DILUTION SPECIAL NONE

PROTECTIVE GLOVES ACID RESISTANT

EYE PROTECTION GOGGLES WHEN POURING OR SPLASH HAZARD EXISTS

OTHER PROTECTIVE ACID RESISTANT CHEMICAL APRON WHEN HANDLING

CLOTHING/EQUIPMENT SAFETY SHOWER/EYE WASH

HANDLING AND STORAGE DO NOT PRESSURE CONTAINER TO EMPTY. KEEP CONTAINER CLOSED. KEEP OUT OF THE REACH OF CHILDREN. WHEN DILUTING, ADD SLOWLY WITH STIRRING TO AVOID VIOLENT SPLATTERING AND HEAT GENERATION.

PRECAUTIONS OTHER DOT: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.C.S (PHOSPHORIC ACID); 8, UN3264, PG III, ERG NO. 60, NAERC #154

IF MATERIAL IS RELEASED/SPILLED DIKE SPILL. VACUUM OR ABSORB WITH CLAY OR SAND. PLACE IN AN APPROPRIATE COVERED CONTAINER. NEUTRALIZE RESIDUE WITH DILUTE ALKALI AND FLUSH TO SANITARY SEWER.

CERCLA PRODUCT RQ = PHOSPHORIC ACID - 13,158 LBS OR 1,277 GALLONS

WASTE DISPOSAL METHODS USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY CONTAINER. TRIPLE RINSE CONTAINER WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE CONTAINER LABEL BEFORE SELLING, DISPOSAL, OR RECYCLE. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. MAY BE TOXIC TO FISH OR AQUATIC LIFE.

HMS RATING HEALTH 3 FLAMMABILITY 0 REACTIVITY 0 PERSONAL PROTECTION 0

THIS PRODUCT CONTAINS SARA TITLE III, SECTION 313 CHEMICALS: PHOSPHORIC ACID (7664-38-2) AT 37% ALL CHEMICALS ARE LISTED ON THE TSCA INVENTORY.

N/A

DATE: May 13, 1999

File #H 14775

County of San Diego

GARY ERBECK
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(619) 338-2222 FAX (619) 338-2377

RICHARD HAAS
ASSISTANT DIRECTOR

INSPECTION REPORT FOR GENERATORS, Permit by Rule, Conditionally Authorized, and Conditionally Exempt Facilities UNIT SHEET

Complete one unit sheet for each unit either listed in the notification or identified during the inspection.

Unit Number: one
Notified Tier: CA
Notified Device Count: Tanks 1 (one)
Correct Device Count: Tanks 1 (one)
Unit Name: Waste water Tx tank
Correct Tier: CA
Containers: _____
Containers: _____

For all Units:

- V0810
- V0811
- V0812
- V0813
- V0814
- V0815
- V0816
- V0818
- V0819
- V0820
- V0821
- V0822

- NO _____ 19.
- _____ 20.
- _____ 21.
- _____ 22.
- _____ 23.
- _____ 24.
- _____ 25.
- _____ 26.
- _____ 27.
- _____ 28.
- * _____ 29.
- _____ 30.

All hazardous wastes treated are **generated onsite**.
The unit notification information is accurate as to the number of **tank(s) or container(s)**.
The estimated notification **monthly treatment volume** is appropriate for the indicated tier.
The **waste identification/evaluation** is appropriate for the tier indicated.
The **wastestream(s)** given on the notification form are appropriate for the tier.
The **treatment process(es)** given on the notification form are appropriate for the tier.
The **residuals management** information on the form is correct and document for the unit.
The indicated **basis for not needing a federal permit** on the notification form is correct.
There are **written operating instructions** and a record of the dates, volumes, residual management, and types of wastes treated in the unit.
There is a **written inspection schedule** (containers-weekly and tanks-daily).
There is a written inspection log of the inspections conducted.
If the unit has been closed, the generator has **notified DTSC and the local agency of the closure**.

* *written inspection log to include the analysis outflow (PH).*

For each CA or PBR unit:

- V0823
- V0729
- V0730

- _____ 31.
- _____ 32.
- _____ 33.

The generator has **secondary containment** for treatment in containers and tanks (due by 1/24/98).
Financial Assurance for closure cost estimates (due by 10/1/96) & submit by (1/1/97).
Phase I Environmental Assessment Checklist (due by 1/1/97) or within one year of the date when facility is authorized to operate, whichever is later.

For each PBR unit:

- V0731
- V0824
- V0825
- V0826

- _____ 34.
- _____ 35.
- _____ 36.
- _____ 37.

The exterior of each unit is marked with name of owner/operator, facility identification number and an individual serial number.
There is a written **waste analysis plan**.
There are **waste analysis records**.
There is a written **closure plan** for the unit.

Unit Comments/Observations: (If this is a unit that was not included on the notification form, the violation is operating without a permit-HSC 25201(a).)

Inspection Report (B)

DATE: May 13, 1999

File # H 14775

County of San Diego

GARY ERBECK
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(619) 338-2222 FAX (619) 338-2377

RICHARD HAAS
ASSISTANT DIRECTOR

INSPECTION REPORT FOR GENERATORS, Permit by Rule, Conditionally Authorized, and Conditionally Exempt Facilities SIGNATURE SHEET

Onsite Recycling: *Only answer if this facility recycles >100 kilograms/month of hazardous waste onsite.*

V0827
V0736

- 38. The appropriate local agency has been notified.
- 39. All Activities claimed under the onsite recycling exemption or exclusions are appropriate.

Releases: YES

V0828
V0829

- 40. Within the last three years, were there any **unauthorized or accidental releases to the environment** of hazardous waste or hazardous waste constituents **from onsite treatment units**?
- 41. Within the last three years, were there any **unauthorized or accidental releases to the environment** of hazardous waste or hazardous waste constituents **from any location at this facility**?

For purposes of a Tiered Permitting inspection, a release to the environment is unauthorized or accidental and does not include spills contained within containment systems.

Source Reduction: *Only answer if this facility generates >5,000 kilograms/year of hazardous waste onsite.*

V0832
V0831

- 42. Generator is subject to SB14 and has failed to prepare and retain current **source reduction documents**, or compliance checklist for small businesses as applicable, or make them available to the inspector within (5) days.
- 43. **Source Reduction Evaluation Review and Plan** failed to contain, at a minimum, of the following five required elements: certification, amounts of wastes generated, process description, block diagrams, and implementation schedule of selected source reduction measures.

This report identifies conditions observed this date that are violations of one or more sections of the California Health and Safety Code (HSC) or the California Code of Regulations, Title 22 (22 CCR) relating to the management of hazardous waste. The violations may be described in more detail on the attached sheets. If any violations are noted, the facility is required to submit a signed Certification of Return to Compliance with 30 days, unless otherwise specified. If any corrections are needed to the initial notification, the facility must submit a revised notification within 30 days to the Department of Toxic Substances Control (DTSC) and to the County of San Diego Hazardous Materials Management Division. The County of San Diego may reinspect, at any time, to verify compliance with this Notice to Comply.

Inspector: Peter Neubauer Phone Number: 694-3234

Facility Representative:
Your signature acknowledges receipt of this report
Signature: Mark Thompson Print Name: Mark Thompson
Title: SR. Manager EHS Date: 5/13/99

Inspection Report (C)

To File
H14775
Pth
Mark

CERTIFICATION OF FINANCIAL ASSURANCE FOR PERMIT BY RULE AND CONDITIONALLY AUTHORIZED OPERATIONS

(See Attached Instructions)

FOR OFFICIAL USE ONLY
DTSC REGIONAL OFFICE _____

Use by owner or operator of transportable treatment unit, owner or operator of fixed treatment unit operating under Permit Rule, or a generator operating pursuant to a grant of Conditional Authorization.

- Initial Certification
 - Amended Certification
 - Annual Certification
- Put an asterisk in the left margin next to the amended information.*

GENERAL INFORMATION

A. TYPE OF OPERATION:

- PBR-FTU
- PBR-TTU
- CA
- OTHER _____

If operation is a TTU, insert TTU serial number: _____

B. FACILITY/TTU EPA ID NO: CA D 9 8 1 5 8 3 4 7 9

C. FACILITY/TTU NAME: IDEC Pharmaceuticals Corporation

D. ADDRESS OR LEGAL DESCRIPTION OF FACILITY/TTU LOCATION:

11011 Torreyana Road

CITY: San Diego CA ZIP CODE: 92121

COUNTY: USA

E. MAILING ADDRESS:

11011 Torreyana Road

CITY: San Diego STATE: CA ZIP CODE: 92121

F. CONTACT PERSON:

Thomson Mark
LAST NAME FIRST NAME

TELEPHONE NUMBER (619) 458 - 8822

G. FACILITY OWNER OR OPERATOR INFORMATION:

Is the signer of this certification the: Owner or Operator?

NAME: IDEC Pharmaceuticals Corporation

ADDRESS: 11011 Torreyana Road

CITY: San Diego STATE: CA ZIP CODE: 92121

TELEPHONE NUMBER: (619) 458 - 8822

FINANCIAL ASSURANCE FOR CLOSURE:

A. ESTIMATED CLOSURE COSTS: \$ 3K - 6K (Please see instructions before entering any dollar amount)

B. TYPE OF CLOSURE ASSURANCE MECHANISM: Not applicable

C. MECHANISM IDENTIFICATION NUMBER(S): # Not applicable
(if applicable)

D. FINANCIAL INSTITUTION, INSURANCE OR SURETY COMPANY, OR OTHER ORGANIZATION:

NAME: N/A

ADDRESS: _____

CITY: _____ STATE: _____ ZIP CODE: _____

E. EFFECTIVE DATE OF CLOSURE ASSURANCE MECHANISM: N/A

F. ORIGINAL DOCUMENT(S) ATTACHED:

Attach the original document(s) used to satisfy the closure financial assurance requirements.

Attach the detailed closure cost estimate that resulted in the cost shown in item A (see attached model.)

EXEMPTION FROM FINANCIAL ASSURANCE REQUIREMENTS:

This section is for an owner or operator of TTU, owner or operator of FTU, or a generator operating pursuant to a grant of Conditional Authorization who is eligible or ineligible for an exemption from financial assurance requirements pursuant to Title 22, CCR section 67450.13(e). If you are not certain as to whether you qualify for an exemption from financial assurance, please see instruction for this section.

Please check the appropriate box:

1. As a TTU owner or operator or FTU owner or operator, I have not operated more than thirty days in a calendar year.

Note: If box (1) is marked, your treatment unit(s) must be operating under PBR to be eligible for the 30 day exemption. Generators operating under Conditional Authorization are not eligible for this exemption. Be sure to sign the owner or operator certification below.

2. I am required to provide a mechanism and it is attached to this form.

Note: If box (2) is marked, you must complete all sections of this form (DTSC 1232 (8/96)). Be sure to sign the owner or operator certification below.

3. I am not required to provide a mechanism. Specify why: Closure costs estimated to be less than \$10,000.

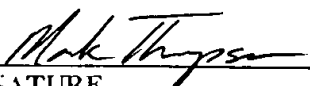
Note: If box (3) is marked, please sign the owner or operator certification below and attach your self-certification letter to this form.

OWNER OR OPERATOR CERTIFICATION:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

MaRK Thompson
NAME (PRINT OR TYPE)

Manager, Environmental Health and Safety
TITLE


SIGNATURE

2/19/98
DATE SIGNED

DATE: 8/20/99

H# File 14775
For Office Use Only

Please Print or Type All Information

I. CLASSIFICATION OF WASTE

Business Name: IDEC Pharmaceuticals Corporation

Business Address/Zip Code: 11011 Torreyana Road SD CA 92121

Business Phone: (619) 458-8822

Business Representative's Name: Mark Thompson

Job Title: Sr. Manager Environmental Health & Safety

SEP 21 11 23 AM '99
HEALTH SERVICES

A. Waste Information:

1. Describe the Type of Waste (Example: water soluble cutting oil from machine shop containing trace amounts of heavy metals):
1% Benzyl alcohol solution used as a process buffer in manufacturing.

2. Description of Waste:

a. Physical description of waste (Example: Dry sandblast grit and other debris):
Solution is a clear, odorless liquid.

b. Present method of waste disposal:
Pending concurrence on waste determination spent/unwanted buffer will be sewer discharged.

c. Dates and locations of collected samples (Fill in the box below with applicable information):

TYPE OF SAMPLE COLLECTED	LOCATION	DATE COLLECTED	FIELD SAMPLE # (sample label# or ID number)
Example : Dry sandblast grit	Sandblast grit stockpile grid location: #01	September 4, 1992	#001
Test solution 1% Benzyl alcohol	Process Dev. Lab	7/1/99	9907-007, 99-1877

d. Description of sampling methodology (NOTE-IMPORTANT: For wastes stored in roll-off boxes; in a stockpile; in large containers; or disposed of onto the ground surface, you must attach a plot plan map detailing the exact sample locations/coordinates demonstrating where the samples were collected.):

(1) Describe the sampling technique used at site or facility:

Purification buffer was prepared using stock solutions. This buffer is not yet used as part of the validated process.

(2) Describe sample handling and preservation methods used prior to laboratory analysis:

The sample submitted for testing was collected in a labeled glass container at room temp properly preserved and stored, and chain of custody procedures were followed.

(3) Waste produced per unit time (Example: 500 pounds/day):

No estimate is currently available.

(4) Describe the process used to generate waste:

Plant activities include/involve large scale fermentation and purification operations. Large amounts of clean water and buffer solutions are used daily. Buffer solutions typically contain alcohols and various acid salts in different concentrations. Daily operations yield waste water solutions that are managed as process wastes. A process waste treatment unit is in operation at the site for pH adjustment.

B. Certification by person(s) who is/are the responsible managers of the establishment.

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this notification and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I certify that the waste is non-hazardous based on testing of the waste and applying knowledge of the characteristics of the waste, in light of the materials or the processes used. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

Signature: Chris Burman

Printed Name: Chris Burman

Job Title: Sr. Vice President, Manufacturing and Process Sciences

Date: 8.20.99

II. SAMPLING INFORMATION

A. Sampler's Name: Mark Thompson

Business Address/Zip Code: 11011 Torreyana Road SD CA 92121

Business Phone: (619) 458-8822

Contact Person: Mark Thompson

Job Title: Sr. Manager, Environmental Health and Safety

"I certify under penalty of law that I have personally conducted all sampling in accordance with the procedures specified in Section One of 'Test Methods for Evaluating Solid Waste, Physical/Chemical Methods', SW-846, 3rd Edition, U.S. Environmental Protection Agency, 1986. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment."

Signature: Mark Thompson

Printed Name: Mark Thompson

Title: Sr. Manager, Environmental Health & Safety

Date: 8/20/99

SW846 Section One, Regulatory and Scientific Objectives states in part "that enough samples...be collected over a period of time to address the variability of the waste."

H FILE #: 14775

DATE: 6/23/99

SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT DIVISION
Annual Carcinogen and Reproductive Toxin Reporting List

To File
14775
P. Newbauer

Business Name: IDEC Pharmaceuticals

Business Address: 11011 Torreyana Road, San Diego, CA 92121

Business Owner or Operator: Publicly Held Corporation

Chemical Name	< 1 Gallon	< 1 Pound	< 10 Gallons	< 10 Pounds	< 55 Gallons	< 500 Pounds	Trade Secret
ACRYLAMIDE, 796-06-1						√	
AZACYTIDINE, 320-67-2		√					
AZASERINE, 115-02-6		√					
CHLOROFORM, 67-66-3			√				
CYCLOHEXIMIDE, 66-81-9		√					
DICHLOROMETHANE, 75-09-2			√				
DIOCTYL PHTHALATE, 117-81-7	√						
FORMALDEHYDE, 50-00-0			√				
HYDRAZINE, 302-01-2	√						
METHOTREXATE, 59-05-2		√					
NEOMYCIN SULFATE, 1405-10-3		√					
TETRACYCLINE HCl, 64-75-5		√					
THIOGUANOSINE, 154-42-7		√					
TOLUENE, 108-88-3	√						
TRYPAN BLUE STAIN, 72-57-1			√				

Prepared by M Thompson
IDEC E,H&S



3030 CALLAN ROAD
SAN DIEGO, CALIFORNIA 92121
619/550-8500 • FAX 619/458-8887

To file
H14775

RECEIVED
JUN 14 9 53 AM '99
ENVIRONMENTAL
HEALTH SERVICES

[Handwritten signature]
6/21/99

06/10/99

Mr. Peter Neubauer
County of San Diego
Department of Environmental Health, HMMD
1225 Imperial Avenue
P.O. Box 129261
San Diego CA 92112-9261

Dear Peter,

This letter constitutes written follow-up regarding an incident during which approximately 5 gallons of a 37% phosphoric acid/63% water solution was released into a storm drain. This incident occurred at 11011 Torreyana Road, San Diego CA., 92121 at approximately 11 a.m. on 6/7/99. No injuries occurred as a result of the release, and no adverse environmental impact is expected. No external agencies had to be contacted to assist with clean-up operations.

At the time of the incident the employees involved began carrying out the procedures identified as part of IDEC's best management practices for such an event (i.e. immediate determination and shut-down of the source of the spill, notification of EH&S staff, actions taken to limit access to the spill area, and the closing of shut-off valves installed to minimize the release of contaminated storm water). Although there was not sufficient time to prevent a release to the storm drain, clean-up operations began immediately to minimize any impact to the environment. A quantity of clean water was used to flush the effected drain line. Testing for pH was carried out a sump adjacent to the point at which the drain line left the property. Based on readings taken at the time the pH of the material released to the storm drain is estimated at 5.5.

On the afternoon 6/7/99 a phone call was made to your office in accordance with the requirements for verbal notification within 24 hours following any release. In addition to notifying your agency, IDEC contacted the offices of the City of San Diego Storm Water Program, and the Governor's Office of Emergency Services. Written notification will be submitted to all agencies that received verbal notification. IDEC is currently considering those actions that need to be taken to prevent a similar event from recurring, and will update it's storm water pollution prevention plan accordingly. I anticipate that additional correspondence between IDEC and your agency may be required in order to closeout this incident. I may be contacted at (619) 458-8822, Monday through Friday, 9- 5 P.M.

Sincerely,

Mark Thompson
Sr. Manger, Environmental Health and Safety



3030 CALLAN ROAD
SAN DIEGO, CALIFORNIA 92121
619/550-8500 • FAX 619/458-8887

To File
H/4775

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JUN 21 12 30 PM '99

ENVIRONMENTAL
HEALTH SERVICES

R

06/17/99

Mr. Peter Neubauer
County of San Diego
Department of Environmental Health, HMMD
1225 Imperial Avenue
P.O. Box 129261
San Diego CA 92112-9261

Dear Peter,

This letter is submitted as follow-up to your inspection on 5/13/99. In response to the items identified on your inspection report IDEC is providing the following information:

- Item 1. The yellow sharps containers and small biohazard bags observed in Lab Room 119 are being equipped with the name/address labels routinely used to identify medical waste at IDEC. EH&S will perform an inspection to verify that all containers and bags used in the labs are labeled correctly.
- Item 2. The secondary containment provided for the sulfuric acid located in the boiler room has been inspected and the sulfuric acid residue removed. The primary container was found to be intact, the source of the liquid appears to be poor technique during tank loading.
- Item 3. The log used during daily inspection of the waste treatment unit has been modified to allow the maintenance staff to record pH and flowrate data at the time of the inspection. A document change request for this modification was submitted to IDEC's document control department on 5/20, and the revised version should be in available for use before the end of June.

If you have any additional questions please contact me at (619) 458-8822.

Sincerely,

Mark Thompson
Sr. Manger, Environmental Health and Safety



COUNTY OF SAN DIEGO

Page 1 of 3

EST. NO. H 14775
DATE May 13, 1999
TIME START 9:45 END 3:00
BUS. CODE K07
SPECIALIST P. Neubauer
CONTACT Mark Thompson
TITLE Safety Officer
PHONE 458-8822

COMPLIANCE INSPECTION REPORT

BUSINESS NAME IDEC Pharmaceuticals Corp.
ADDRESS 11011 Torreyana Rd.
CITY/ZIP San Diego / 92121-1104

On the above date an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (H&S) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

Office Use Only

MAY 18 1999

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5025.09
H

Routine inspection

1. Observation: In the "119 Antibody Discovery" laboratory 3 yellow sharps containers are not labeled with generator information. Small bench top red biohazardous waste bags (in the wire frames) not labeled with generator information while in use.

Corrective action: Label biohazardous waste with the generator's name, address, and telephone number while in use.

2. Observation: The secondary containment for the sulfuric acid above ground tank has liquid accumulated at the bottom. This container is stored in the boiler room.

Corrective action: Pump out liquid and keep secondary containment clean and dry.

3. Be advised, employee refresher training is required annually. The ~~base~~ research and development division was last trained January 1998.

Signature of Business Representative

Date Signed 5/13/99

Title Sr. Manager EHS

Department of Environmental Health, Hazardous Materials Management Division, P.O. Box 129261, San Diego, CA, 92112-9261

(619) 338-2222



COUNTY OF SAN DIEGO

EST. NUMBER H 14775
DATE May 13, 1999
PAGE 2 OF 3

MEDICAL WASTE GENERATOR REQUIREMENTS

BUSINESS ADDRESS: 11011 Torreyana Rd. San Diego 9 ZIP: 92121
VIOLATION REPORT: The items checked below refer to specific section numbers of the California Health and Safety Code Sections 25100 and 117600 et. al.; the San Diego County Code of Regulatory Ordinances Sections 68.1201 et. al.; and the California Code of Regulations, Title 22 Sections 65600 et. al. and 66262.10 et. al. All violations must be corrected. Please call (619) 338-2222 or your Inspector if you have any questions.

GENERAL REQUIREMENTS:

- [] An Environmental Health Permit as a medical waste generator has not been obtained. 68.1203, 68.1204, and 117705 V4101 W
[] Unlawful disposal of untreated medical waste to an unauthorized point. 118340 V4102 W
[] Improper treatment of medical waste using an unapproved method or procedure. 118215 V4103 W
[] Medical SOLID WASTE is not stored in a locked trash receptacle or enclosure so as to deny access to unauthorized persons. 68.1202 V4104 W
[] Improper clipping or cutting of sharps waste at the point of generation. 68.1205 V4105 W
[] Medical waste was not separated from other waste at the point of origin. 118275 V4106 W
[] Generator has not maintained reusable containers/bins for medical waste storage in a clean and sanitary manner. 118295 and 118305 V4107 W
[] Storage time exceeded for frozen medical waste, e.g. greater than 90 days. 118280 V4108 W
[] Generator did not clean-up a leak or spill of medical waste in an approved manner. 118300 V4109 W
[] Generator has not secured the enclosure or designated accumulation area for medical waste containers so as to deny access to unauthorized persons. 118310 V4110 W
[] Operator did not post an approved and legible biohazardous waste "warning sign" in English and Spanish at the waste storage area(s). 118310 V4111 W
[] Generator did not store medical waste in approved and properly marked red bags (non-sharps). 118275 V4112 W
[] Did not place a label with the generator's name, address, and phone number on the outside of the red bag and/or sharps container. 68.1201 and 68.1205 V4113 W
[] Generator did not store sharps waste in approved and properly marked sharps container. 118275 V4114 W
[] Transportation of medical waste without State Hauler Registration or without a limited-quantity hauling exemption from County HMMD. 118025 V4115 W
[] Generator did not have standardized written operating procedures for a steam sterilizer available onsite. 118215 V4116 W
[] Did not have recording thermometer checked for calibration annually. 118215 V4117 W
[] Generator did not maintain records of thermometer calibration checks for at least 3 years. 118215 V4118 W
[] Operator did not use heat-sensitive tape or other approved method for each load of medical waste treated onsite. 118215 V4119 W
[] Need to use a biological indicator or other approved method at least once a month to confirm proper disinfection conditions. 118215 V4120 W
[] Must tie-off red bags to prevent leakage or expulsion of contents during handling and storage. 118280 V4121 W
[] Did not containerize and place red bags in rigid, leak resistant, and covered containers or bins. 118280 V4122 W
[] Must have waste container/bin labeled on the lid and side so as to be clearly visible. 118280 V4123 W
[] Did not tape closed or tightly-lid a full sharps container ready for disposal, to preclude loss of contents. 118285 V4124 W

- [] Maximum holding time exceeded for non-putrescible medical waste, e.g. greater than 180 days. 68.1203 V4033 W

LARGE QUANTITY WASTE GENERATORS:

- (> 200 pounds of waste in a month)
[] Medical Waste Management Plan has not been submitted to County HMMD (Annual Requirement) . 117960 and 68.1206 V4034 W
[] Must maintain and show proof of "onsite" medical waste treatment records for 3 years. 118215 and 117975 V4035 W
[] Generator did not retain on file disposal receipts and/or tracking documents for waste shipped offsite for at least 3 years. 117975 V4036 W
[] Storage time exceeded for full sharps container(s), e.g. greater than 7 days at room temperature. 118285 V4037 W
[] Storage time exceeded for red bag waste, e.g. more than 7 days at room temperature. 118280 V4038 W

PATHOLOGY WASTE AND CHEMOTHERAPY WASTE HANDLING:

- [] Did not segregate chemotherapy waste from other medical waste. 118275 V4039 W
[] Generator did not label container holding chemotherapy waste with the words "chemotherapy waste" or other approved markings on the lid and sides. 118275 V4040 W
[] Did not segregate pathology waste from other medical waste. 118275 V4041 W
[] Generator did not label container holding pathology waste with the words "pathology waste" or other approved markings on the lid and side. 118275 V4042 W
[] Unlawful disposal of pathology waste or chemotherapy waste to an unauthorized point. 118340 V4043 W

PHARMACEUTICAL WASTE HANDLING:

- [] Generator did not segregate pharmaceutical waste from other medical waste. 118275g V4044 W
[] Generator did not label container holding pharmaceutical waste with the words "incineration only" or other approved markings on the lid and side. 118275g V4045 W
[] Storage time exceeded for pharmaceutical waste, e.g. more than 90 days. (> 10 pounds per calendar year generated) 118280e V4046 W
[] Very small quantity generator of pharmaceutical waste (e.g. < 10 pounds waste /calendar year) improperly storing waste for longer than one year. 118280e V4047 W
[] Unlawful disposal of pharmaceutical waste to an unauthorized point. 118340 and 118222 V4048 W

ON-SITE MEDICAL WASTE TREATMENT FACILITY REQUIREMENTS:

- [] Operator has not obtained an onsite medical waste treatment permit from the County. 117950, 118130, 118155, and CCR 65620 V4049 W
[] Must maintain an updated and complete copy of the medical waste treatment permit onsite and available for review. CCR 65621(f), 65623, 118165, and 118180 V4050 W
[] Did not comply with a condition of the medical waste treatment permit issued by the County. CCR 65623 V4051 W

PHOTOCHEMICAL and HAZARDOUS WASTE MGMT. AND DISPOSAL:

- [] Illegal disposal of photoprocessing/ hazardous waste to the sewer, trash, etc. 25189.5 V4052 W
[] Generator has not maintained waste disposal records, e.g. manifests/milk-run receipts, onsite for 3 years. 66262.40 V4053 W
[] Generator has not obtained an EPA Identification Number from the State DTSC for hazardous waste generation, e.g. photoprocessing/hazardous waste. 66262.12 V4054 W
[] Generator did not properly label the container holding hazardous waste. 66262.34 V4055 W
[] Generator did not maintain the container holding hazardous waste tightly closed except when adding or removing waste. 66265.173 V4056 W
[] Generator did not submit a notification to the County prior to treating photochemical waste onsite (e.g. > 10 gallons/month: tiered permitting). 25201.5 V4057 W

SMALL QUANTITY GENERATOR REQUIREMENTS: (<200 pounds per month of waste)

- [] Medical Waste Management Plan has not been submitted to County HMMD (Annual Requirement) 68.1206 and 117935 V4025 W
[] Must maintain and show proof of "onsite" medical waste treatment records for 3 years. 118215 and 117943 V4026 W
[] Generator did not retain on file disposal receipts and/or tracking documents for waste shipped offsite for at least 2 years. 117945 V4027 W
[] Need to apply for and receive a limited-quantity hauling exemption for "self-hauled" medical waste (<20 pounds of waste per week). 118030 and 118025 V4028 W
[] Did not renew a limited-quantity hauling exemption annually. 118030 V4029 W
[] Storage time exceeded for full sharps container(s), e.g. greater than 7 days at room temperatures (for >20 pounds/month generator). 118285 V4030 W
[] Storage time exceeded for red bag waste, e.g. more than 7 days at room temperature (>20 pounds/month generator). 118280 V4031 W
[] Very small quantity generator (e.g. <20 pounds per month) improperly storing waste for greater than 30 days onsite at room temperature. 118280 V4032 W

ESTABLISHMENT REPRESENTATIVE: [Signature] DATE SIGNED: 5/13/99 TITLE: Sr. Manager EH&S



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

EST. NUMBER H 14775DATE 5/13/99PAGE 3 OF 3BUSINESS ADDRESS: 11011 Torreyana Rd. San Diego 92121

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19/22/23 of the California Code of Regulations (CCR), Chapters 6.5, 6.7, 6.95 of the Health and Safety Code (HSC), and/or the San Diego County Code (SDCC).

I HAZARDOUS WASTE REQUIREMENTS:

RECORD KEEPING

- Health Permit not obtained SDCC 68.905 **V0108 W** _____
- No EPA Identification Number 66262.12 **V0105 W** _____
- Waste Manifests/Receipts not on-site for 3 years 66262.40 **V0118 W** _____
- Manifest not properly completed 66262.23 **V0120 W** _____
- Manifest copy not sent to DTSC 66262.23 **V0115 W** _____
- TSDf signed-manifest not on-site 66262.40 **V0121 W** _____
- Biennial report not sent to DTSC 66262.41 **V0122 W** _____
- LDR Documentation not available 66268.7 **V0123 W** _____
- Exception Rpt. not filed with DTSC 66262.42 **V0116 W** _____
- Operating TSDf without authorization 25201 **V0124 W** _____

STORAGE AND HANDLING

- Waste stored longer than 90, 180, or 270 days 66262.34 **V0221 W** _____
- Failure to clean up hazwaste off of floor surface 66262.10b **V0313 W** _____
- Waste container missing/improperly labeled 66262.34 **V0313 W** _____
- Haz. Materials not properly labeled 25124 **V0222 W** _____
- Waste container not kept closed 66265.173 **V0223 W** _____
- Waste container in poor condition 66265.171 **V0202 W** _____
- Waste container(s) not properly managed 66265.173 **V0205 W** _____
- Damaged container not repackaged 66265.171 **V0210 W** _____
- Container incompatible with waste 66265.172 **V0226 W** _____
- Incompatibles in the same container 66265.177 **V0207 W** _____
- Incompatibles not stored separately 66265.177 **V0224 W** _____
- Ignitable Waste less than 50 feet 66265.176 **V0213 W** _____
- Ignitable Waste not grounded 66265.31 **V0214 W** _____
- Storage area not inspected weekly 66265.174 **V0215 W** _____
- Storage area not inspected weekly 66265.174 **V0216 W** _____

DISPOSAL AND TRANSPORTATION

- Unauth. disposal of waste to _____ 25189.5 **V0313 W** _____
- Waste determination not made 66262.11 **V0319 W** _____
- Unlawful transport of haz. waste 25163 **V0315 W** _____
- Waste transported without manifest 66262.20 **V0316 W** _____
- Extremely Haz. Waste Permit not obtained 25205.7 **V0317 W** _____

TRAINING, CONTINGENCY PLAN & EMERGENCY PROCEDURES

- Training records unavailable 66265.16 **V0405 W** _____
- Training program not adequate 66265.16 **V0406 W** _____
- Facility not designed to minimize release 66265.31 **V0501 W** _____
- Spill control equip not available 66265.32 **V0508 W** _____
- Aisle space is obstructed 66265.35 **V0509 W** _____
- Contingency plan not prepared and/or on file 66265.51, 66265.53 **V0609 W** _____

MISCELLANEOUS

- Waste oil contaminated 25250.7 **V0225 W** _____
- Used oil filters improperly managed 66266.130 **V0701 W** _____
- Damaged batteries improperly managed 66266.81 **V0702 W** _____
- Facility has failed to notify local CUPA and DTSC of onsite treatment of hazardous waste (tiered permitting) **V0125 W** _____
- Onsite treatment of waste without authorization 25201 **V0125 W** _____

III HAZARDOUS MATERIALS BUSINESS PLAN REQUIREMENTS:

RECORD KEEPING

- Health Permit not obtained SDCC 68.1105 **V2001 W** _____
- Business Plan not established/implemented 25503.5 **V2002 W** _____
- Business Plan not submitted to HMMD 25505 **V2007 W** _____
- Business Plan not amended 25505 **V2003 W** _____
- Personnel Training Records not available 19 CCR 2732 **V2302 W** _____

RELEASE REPORTING

- Failure to report a release/threatened release 25507 **V2008 W** _____

II UNDERGROUND STORAGE TANK (UST) REQUIREMENTS:

GENERAL UST REQUIREMENTS

- Health Permit not obtained 68.1005, 25284 **V3002 T** _____
- Repair/modify/close permit not obtained 68.1005 **V3007 T** _____
- UST Permit Application not submitted 25286(a) **V3010 T** _____
- Operating permit conditions violated 2712 **V3011 T** _____
- Failed to notify HMMD of changes 25284 **V3012 T** _____
- No owner/operator agreement 25284 **V3005 T** _____
- No records of financial coverage 25292.2 **V3013 T** _____
- No maint/monit/calib records available 2712(b), 2641(j) **V3001 T** _____
- Monitoring Equip. not tested annually 2630, 2641 **V3003 T** _____

MONITORING REQUIREMENTS (SINGLE WALL)

- Leak Detection Method does not meet performance standards 2643 **V3014 T** _____
- Integrity test not conducted 25292 **V3015 T** _____
- Copy of tank test not submitted to HMMD within 30 days 2643 **V3016 T** _____
- Manual tank gauging (<2000 gal) 2645 not done properly **V3017 T** _____
- Reconciliation not done properly 2646 **V3018 T** _____
- Reconciliation not approved for facility 2646 **V3019 T** _____
- Dispenser meter(s) not calib annually 2646 **V3020 T** _____
- Improper liquid measurements 2646 **V3021 T** _____
- Stick in poor condition 2646 **V3022 T** _____
- Improper monthly reconciliation 2646 **V3023 T** _____
- Failed to report excessive variation 2646 **V3024 T** _____
- Pressurized Product Piping Leak Device not tested annually 25292 **V3025 T** _____
- No written monitoring procedure 2641 **V3027 T** _____
- No written emergency response plan 2641 **V3027 T** _____
- SIR reporting incorrectly done 2646.1 **V3004 T** _____

MONITORING REQUIREMENTS (DOUBLE WALL)

- Monitoring system not functional 2632 **V3026 T** _____
- No written monitoring procedure 2632 **V3027 T** _____
- Written emergency response plan not available 2632 **V3028 T** _____
- Spill/Overfill equip. not maintained or installed 2635 **V3029 T** _____

RELEASE REPORTING

- Failure to report an unauthorized release 25295 **V3009 T** _____
- Release record log not available 2651, 2650 **V3030 T** _____
- No leak report/investigation/action 2652 **V3031 T** _____

CLOSURE

- Temporary closure req. not completed 2671 **V3006 T** _____
- Unused tank not properly closed 25298 **V3032 T** _____
- Permanent closure req. not completed 2672 **V3033 T** _____
- Failed to apply for temporary closure 25298 **V3008 T** _____

BUSINESS PLAN ELEMENTS

- Emergency Response Plan inadequate 25504 **V2201 W** _____
- Emergency Contacts not provided/current 25509 **V2203 W** _____
- Personnel Training Program inadequate 25504 **V2301 W** _____
- Inventory is incomplete 25504 **V2005 W** _____
- Site Map is not sufficient 25509 **V2202 W** _____
- Acutely Haz. Mat. not registered 25533 **V2009 W** _____

ALL VIOLATIONS MUST BE CORRECTED. PLEASE CALL (619) 338-2222 OR YOUR INSPECTOR IF YOU HAVE ANY QUESTIONS.

Mark Thompson

ESTABLISHMENT REPRESENTATIVE

DATE SIGNED 5/13/99TITLE SR. Manager EHS

Department of Environmental Health, Hazardous Materials Management Division, P. O. Box 129261, San Diego, CA 92112-9261



File #H 14775

INSPECTION DATE: May 13, 1999

County of San Diego

GARY ERBECK
DIRECTOR

RICHARD HAAS
ASSISTANT DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH

P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(619) 338-2222 FAX (619) 338-2377

INSPECTION REPORT FOR GENERATORS Permit by Rule, Conditionally Authorized, and Conditionally Exempt Facilities

FACILITY NAME: IDEC Pharmaceuticals Corp.
 PHYSICAL ADDRESS: 11011 Torreyana Road
 FACILITY CONTACT-NAME: Mark Thompson PHONE: 550-8500
 SIC CODES(S): _____
 *GENERATOR: CESQG _____ SQG _____ LQG _____
 NOTIFIED UNIT COUNT: PBR _____ CA CESW _____ CESQT _____ CEL _____ TOTAL _____
 CORRECT UNIT COUNT: PBR _____ CA CESW _____ CESQT _____ CEL _____ TOTAL _____

This checklist and inspection report identifies violations of State law regarding onsite treaters of hazardous waste, operating under an onsite permitting tier. This inspection verifies compliance with information provided on form 1772. It also covers generator requirements, although a separate checklist may be used for those requirements. A checkmark indicates a violation of the law, which is explained in more detail on the attached inspection sheets. The governing laws are the Health and Safety Code (HSC) and Title 22 of the California Code of Regulations (22 CCR).

GENERATOR STANDARDS:

NO

- V0609
- V0405
- V0210
- V0804
- V0319
- V0105
- V0509
- V0221
- V0118
- V0216

- _____ 1. **Contingency plan** has been prepared (adequately minimizes releases, has alarm/communication system; lists emergency equipment, name and phone numbers of emergency coordinators).
- _____ 2. **Written training documents** and records prepared for employees handling hazardous waste.
- _____ 3. **Meet container management standards** (storage time limits, closed, labeled, compatibility, inspected weekly, in good condition, with ignitables/reactives 50 feet from property line).
- _____ 4. **Meet tank management standards** (either secondary containment or integrity assessments, plus storage time limits, labeled, compatibility, inspected daily, in good condition, with ignitables/reactives 50 feet from property line).
- _____ 5. **Hazardous waste determination** (hazardous by testing the waste or applying knowledge of characteristics).
- _____ 6. **EPA identification number** (generator has an EPA identification number).**
- _____ 7. **Aisle space** is maintained to allow for the unobstructed movement of personnel, fire protection equipment, spill control equipment, and the decontamination equipment in an emergency.
- _____ 8. **Accumulation of hazardous waste** is appropriate for the time allowed. (LQG <90 days; SQG 180 or 270 days or less if the waste for transportation >200 miles, and waste on site <6000 kg at any time; CESQG, 90 days clock starts when 100 kg of hazardous waste or 1 kg of acutely hazardous waste is accumulated).
- _____ 9. **Manifest standards** (copies of manifest on site for at least 3 years, within 30 days of each shipment submit to the Department a legible copy of each manifest used, generator and waste sections completed, transported hazardous waste without/incomplete manifest).
- _____ 10. **Inspection standards** for hazardous waste accumulation area (container-weekly and tanks-daily).

Inspection Report (A)

DATE: May 13, 1999

File #H 14775

NO

V0118
V0123
V0122

- _____ 11. **Milk run standards** (generator has retained copies of shipping paper/receipt for 3 years, retained copies of used oil/oil filters/photo processing waste/antifreeze/automotive cleaning parts solvents receipts for 3 years.
- _____ 12. **Land disposal restrictions standards (LDR)**, (generator has determined whether waste is restricted for land disposal, notified for LDR waste, retained LDR notification/certification).
- _____ 13. **Biennial Report / exception report** submitted to the Department and retained for 3 years.
(Biennial report for LQG generators of RCRA hazardous waste only)

Treatment Items-Facility Wide; (Facility must submit a revised Form 1772 to correct errors or omissions.)

V0806
V0807
V0808
V0809

- _____ 14. All units under PBR, CA, and CE are properly indicated on Form DTSC 1772. (Add any new units with unit sheets or correct tier on the unit sheet.)
- _____ 15. All generator identification information on Form DTSC 1772 is correct.
- _____ 16. The submitted plot plan/map adequately shows the location of all regulated units.
- _____ 17. There are records documenting compliance with sewer agency **pretreatment standards** and industrial waste discharge requirements, where applicable.

For CA or PBR notifiers:

V0833

- _____ 18. The generator has an annual **waste minimization** certification. (PBR submit with renewals.)

- * CESQG: Generating <100 kg of hazardous waste or 1 kg of acutely hazardous waste in a calendar month.
- * SQG: Generating <1000 kg of hazardous waste in a calendar month.
- * LQG: Generating >1000 kg of hazardous waste in a calendar month.
- ** No EPA I.D. number required for generators who generate <100 kg/month of hazardous waste and are engaged solely in used oil & solvents milk run activities in California.

Inspection Report (A)

DATE: 8/20/99

H# File 14775
For Office Use Only

RECEIVED

SEP 27 11 23 AM '99

Please Print or Type All Information

I. CLASSIFICATION OF WASTE

Business Name: IDEC Pharmaceuticals Corporation
Business Address/Zip Code: 11011 Torreyana Road SD CA 92121
Business Phone: (619) 458-8822
Business Representative's Name: Mark Thompson
Job Title: Sr. Manager Environmental Health & Safety

ENVIRONMENTAL
HEALTH SERVICES

A. Waste Information:

1. Describe the Type of Waste (Example: water soluble cutting oil from machine shop containing trace amounts of heavy metals):
6 Molar Guanadine Hydrochloride solution is used as a process buffer in manufacturing.

2. Description of Waste:

a. Physical description of waste (Example: Dry sandblast grit and other debris):
Solution is a clear, odorless liquid.

b. Present method of waste disposal:

Pending concurrence on waste determination spent/unwanted buffer will be sewer discharged.

c. Dates and locations of collected samples (Fill in the box below with applicable information):

TYPE OF SAMPLE COLLECTED	LOCATION	DATE COLLECTED	FIELD SAMPLE # (sample label# or ID number)
Example : Dry sandblast grit	Sandblast grit stockpile grid location: #01	September 4, 1992	#001
6 Molar Guanadine HCL	Process Dev. Lab	7/1/99	9907-008 99-1876

d. Description of sampling methodology (NOTE-IMPORTANT: For wastes stored in roll-off boxes; in a stockpile; in large containers; or disposed of onto the ground surface, you must attach a plot plan map detailing the exact sample locations/coordinates demonstrating where the samples were collected.):

(1) Describe the sampling technique used at site or facility:

Purification buffer was prepared using stock solutions. This buffer is not yet used as part of the validated process.

(2) Describe sample handling and preservation methods used prior to laboratory analysis:

The sample submitted for testing was collected in a labeled glass container at room temperature, properly preserved and stored, and chain of custody procedures were followed.

(3) Waste produced per unit time (Example: 500 pounds/day):

No estimate is currently available.

(4) Describe the process used to generate waste:

Plant activities include/involve large scale fermentation and purification operations. Large amounts of clean water and buffer solutions are used daily. Buffer solutions typically contain alcohols and various acid salts in different concentrations. Daily operations yield waste water solutions that are managed as process wastes. A process waste treatment unit is in operation at the site for pH adjustment.

B. Certification by person(s) who is/are the responsible managers of the establishment.

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this notification and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I certify that the waste is non-hazardous based on testing of the waste and applying knowledge of the characteristics of the waste in light of the materials or the processes used. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

Signature: Chris Burman

Printed Name: Chris Burman

Job Title: Sr. Vice President, Manufacturing and Process Sciences

Date: 8.20.99

II. SAMPLING INFORMATION

A. Sampler's Name: Mark Thompson

Business Address/Zip Code: 11011 Torreyana Road SD CA 92121

Business Phone: (619) 458-8822

Contact Person: Mark Thompson

Job Title: Sr. Manager, Environmental Health and Safety

"I certify under penalty of law that I have personally conducted all sampling in accordance with the procedures specified in Section One of 'Test Methods for Evaluating Solid Waste, Physical/Chemical Methods', SW-846, 3rd Edition, U.S. Environmental Protection Agency, 1986. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment."

Signature: _____

Printed Name: Mark Thompson

Title: Sr. Manager, Environmental Health & Safety

Date: 8/20/99

SW846 Section One, Regulatory and Scientific Objectives states in part "that enough samples...be collected over a period of time to address the variability of the waste."

III. **LABORATORY INFORMATION** To be completed by Lab Technician:

A. Waste samples are to be transported with a Chain-of-Custody to a laboratory certified to perform that specific analysis by the State of California Department of Environmental Health (Pursuant to Section 67440.1 CCR).


(Attach a copy of Chain-of-Custody Form)

Laboratory: OPEN ENVIRONMENTAL
Address: 5550 MOREHOUSE DRIVE, SAN DIEGO, CA 92121
Phone #: 658-458-9044
Contact Person: MARILYN SCHWARTZ
Job Title: LABORATORY MANAGER

B. Laboratory shall have a Quality Assurance Manual which is utilized on a routine basis by the laboratory staff.

1. Cite the reference(s) for the extraction and analytical methods used on the analysis report.
2. I certify under penalty of law that I have conducted all analysis in accordance with the analytical procedures specified in California Code of Regulations, Title 22, Division 4.5, Chapter 11. (Identification and Listing of Hazardous Waste).

(Attach Laboratory Results)

Signature: 
Printed Name: MARILYN SCHWARTZ
Job Title: LAB MANAGER
Date: 20 AUGUST 1999

NOTE: You must attach a copy of the laboratory results and Chain-of-Custody document to this form.

IMPORTANT FOOTNOTES
** Please Read **

1. Maintain a completed copy of this document in your files available for review at all times.
2. Do **NOT** commingle or mix different samples into one composite sample.
3. Transport the samples directly to the laboratory as soon as possible. Maintain the samples cold (4°C or below) while in storage and during transport.
4. Enough samples should be taken of the waste to ensure that a thorough assessment of the properties of the waste is conducted by the waste producer. Sample analysis results often vary because the waste is not homogenous in nature. In many cases, more than one sample must be analyzed in order to ensure the validity of the waste determination.
5. The Hazardous Materials Management Division recommends you obtain the services of a qualified and experienced environmental consultant who can assist you in the sampling of the waste and laboratory analysis of the samples.
6. In accordance with Section 66260.200 of the California Code of Regulations, Title 22, Division 4.5, the waste generator may petition Cal-EPA, Department of Toxic Substances Control, for their concurrence with the results of the waste determination.
7. A waste generator who incorrectly determines that a hazardous waste is non-hazardous, and fails to manage the waste in a lawful manner, is in violation of the regulations and is subject to enforcement action (Section 66260.200 of the California Code of Regulations, Title 22).

III. LABORATORY INFORMATION To be completed by Lab Technician:

A. Waste samples are to be transported with a Chain-of-Custody to a laboratory certified to perform that specific analysis by the State of California Department of Environmental Health (Pursuant to Section 67440.1 CCR).

(Attach a copy of Chain-of-Custody Form)

Laboratory: D-TEK Analytical Labs

Address: 9020 Kernan Drive Suite 205 SD CA 92121

Phone #: 858-566-4540

Contact Person: Ellen Atienza

Job Title: Operations Manager

B. Laboratory shall have a Quality Assurance Manual which is utilized on a routine basis by the laboratory staff:

1. Cite the reference(s) for the extraction and analytical methods used on the analysis report.
2. I certify under penalty of law that I have conducted all analysis in accordance with the analytical procedures specified in California Code of Regulations, Title 22, Division 4.5, Chapter 11. (Identification and Listing of Hazardous Waste).

(Attach Laboratory Results)

Signature: _____

Printed Name: _____

Job Title: _____

Date: _____

Joquin Velasquez
 JOAQUIN VELASQUEZ
 INORGANICS MANAGER
 9/2/99

NOTE: You must attach a copy of the laboratory results and Chain-of-Custody document to this form.

IMPORTANT FOOTNOTES
 ** Please Read **

1. Maintain a completed copy of this document in your files available for review at all times.
2. Do **NOT** commingle or mix different samples into one composite sample.
3. Transport the samples directly to the laboratory as soon as possible. Maintain the samples cold (4°C or below) while in storage and during transport.
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7. A waste generator who incorrectly determines that a hazardous waste is non-hazardous, and fails to manage the waste in a lawful manner, is in violation of the regulations and is subject to enforcement action (Section 66260.200 of the California Code of Regulations, Title 22).

OGDEN ENVIRONMENTAL AND ENERGY SERVICES

Ogden Bioassay Lab
5550 Morehouse Drive, Suite B
San Diego, CA 92121
619 458 9044 phone (area code to change to 858 mid-1999)
619 458 0943 fax

Ogden Bioassay Northwest
5009 Pacific Highway East, Suite 2-0
Fife, WA 98424
253 922 4296 phone
253 922 4296 fax

Test I.D. Nos. 9907-007 & 9907-008
California Lab Certification No. 1802

July 20, 1999

Mark Thompson
IDEC Pharmaceuticals
3030 Callan Road
San Diego, CA 92121

Dear Mark,

On July 1, 1999, the Ogden Bioassay Laboratory received two liquid samples for definitive hazardous waste characterization. The samples were identified by IDEC Pharmaceuticals as "One percent Benzyl Alcohol" and "6M Guanadine HCl."

The samples were analyzed in accordance with State of California Fish and Game and USEPA methods. Definitive assays were conducted and the LC₅₀ for both samples was determined to be >750 mg/L. Samples exhibiting LC₅₀ values above 500 mg/L are **not** classified by the State of California as hazardous for disposal under Title 22.

Attached are summary sheets of the test results, copies of the laboratory raw data recorded during the assays, and a copy of the chain-of-custody which accompanied the samples. Please feel free to me at (619) 458-9044 ext. 300 should you have any questions.

Sincerely,



Marilyn J. Schwartz
Manager, Ogden Bioassay Laboratory

Enclosure

Ogden Environmental and Energy Services Company
 Bioassay Laboratory
 5550 Morehouse Drive, Suite B
 San Diego, CA 92121
 (619) 458-9044

Results Summary
 July 20, 1999

Client Name: Idec Pharmaceuticals Address: 3030 Callan Road, San Diego, CA 92121
 Sample ID: 6M Guanadine HCl Results: LC₅₀ >750 mg/L
 Ogden ID: 9907-008

Sample and Bioassay Information

Test Type:	<u>Definitive</u>	Test Conditions:	<u>Static</u>
Test Species:	<u><i>Pimephales promelas</i></u>	Common Name:	<u>Fathead minnow</u>
Organism Supplier:	<u>Aquatic BioSystems</u>	Number per Tank:	<u>10</u>
Acclimation Period:	<u>>24 hours</u>	Acclimation Temp. (°C):	<u>20 ± 2</u>
Mean Length (mm):	<u>38.5</u>	Mean Weight (g):	<u>0.338</u>
Range (mm):	<u>34 - 40</u>	Range (g):	<u>0.244-0.396</u>
Dilution Water:	<u>Charcoal-filtered tapwater adjusted</u>	Loading Rate (g/L):	<u>0.42</u>
Sample Receipt Date:	<u>07/01/1999</u>	Test Solution Volume (liters)	<u>8</u>
		Test Dates:	<u>7/8/99-7/12/99</u>

Results Summary

Treatment	Rep.	Initial Count	Final Count	Percent Survival	Average Survival
Control	A	10	10	100	100
	B	10	10	100	
62.5 mg/L	A	10	10	100	100
	B	10	10	100	
125 mg/L	A	10	10	100	100
	B	10	10	100	
250 mg/L	A	10	10	100	100
	B	10	10	100	
500 mg/L	A	10	10	100	95
	B	10	9	90	
750 mg/L	A	10	7	70	55
	B	10	4	40	

Results Verified: [Signature] Date: 7/20/99

**California Title 22 - Hazardous Waste Toxicity Test
Toxicity Test Data Sheet - Ogden Bioassay Laboratory**

Client: IDEC Pharm. Start Date & Time: 7/8/99 1700
 Sample ID: IDEC #2 (6M Guanidine HCl) End Date & Time: 7/12/99 1520
 Contact: Wayne Thompson Test Organism: P. promelas
 Test #: 9907-008 Test Protocol: California Title 22 - Hazardous Waste Toxicity Test

Conc.	Rep	Number of Live Organisms					Dissolved Oxygen (mg/L)					pH (units)					Conductivity (umhos/cm)					Temperature (°C)					Percent Survival
		0	24	48	72	96	0	24	48	72	96	0	24	48	72	96	0	24	48	72	96	0	24	48	72	96	
Control	a	10	10	10	10	10	8.8	6.4	5.9	5.6	5.7	7.55	7.11	7.41	7.15	7.11	173	177	179	181	83	20.8	20.6	20.6	20.5	20.5	100
	b	10	10	10	10	10	8.8	6.6	5.8	5.7	5.8	7.55	7.12	7.41	7.11	7.11	173	176	178	180	82	20.8	20.5	20.6	20.4	20.5	100
62.5 mg/L	a	10	10	10	10	10	8.8	6.2	6.0	5.7	5.7	7.85	6.99	7.28	7.02	7.02	185	201	203	205	206	21.1	20.9	20.8	20.6	20.7	100
	b	10	10	10	10	10	8.8	6.6	5.9	5.9	5.7	7.49	7.02	7.32	7.04	7.02	216	219	221	223	225	20.8	20.8	20.5	20.6	20.7	100
125 mg/L	a	10	10	10	10	10	8.8	6.3	5.6	5.6	5.7	7.62	7.04	7.33	7.05	7.05	227	231	233	236	238	20.9	20.8	20.8	20.7	20.8	100
	b	10	10	10	10	10	8.8	6.5	6.1	6.1	6.1	7.65	7.07	7.41	7.12	7.09	229	273	276	278	280	20.9	20.8	20.7	20.7	20.7	100
250 mg/L	a	10	10	10	10	10	8.8	6.0	5.3	5.4	5.6	7.66	7.03	7.34	7.04	7.07	371	373	375	375	378	21.0	20.8	20.7	20.7	20.8	100
	b	10	10	10	10	10	8.8	6.3	5.6	5.7	6.1	7.67	7.04	7.37	7.05	7.09	368	371	373	374	376	20.9	20.8	20.7	20.7	20.8	100
500 mg/L	a	10	10	10	10	10	8.7	6.3	5.9	5.9	6.2	7.67	7.06	7.42	7.04	7.09	563	564	566	568	569	20.8	20.5	20.5	20.7	20.8	100
	b	10	10	10	10	10	8.8	6.1	5.5	5.5	5.5	7.68	7.05	7.37	7.03	7.07	562	567	570	573	576	20.9	20.8	20.8	20.7	20.8	100
750 mg/L	a	10	10	8	7	7	8.8	5.6	5.7	6.0	7.2	7.71	7.00	7.38	7.12	7.24	751	755	760	781	786	20.9	20.8	20.7	20.7	20.8	70
	b	10	10	6	5	4	8.8	6.1	5.6	5.5	6.5	7.72	7.04	7.37	7.05	7.17	740	743	747	749	752	20.9	20.8	20.8	20.7	20.8	40
Technician Initials		SC	AR	AR	SC	RC																					
Alkalinity*																											
Hardness*																											
Conc.		*(mg/L as CaCO3)																									
control		Initial	Final	Initial	Final	Initial	Final																				
highest conc.		19	24	46	41	23	32	45	47																		

Sample Description: Clear liquid
 Comments: 0 hrs: Organisms approximately 3 months old.
24 hrs:
48 hrs:
72 hrs:
96 hrs: 0 - 0ml Surv with dark coloration - approx 5 weeks

Analysis: SC, AR, RC
 Ogden Bioassay Laboratory
 5550 Morehouse Dr., Suite B
 San Diego, CA 92121
 (619) 458-9044

Reviewed: [Signature] 7/19/99
 QC check: WJ for SC

D-TEK Analytical Laboratories, Inc.

9020 Kenamar Drive, Suite 205
San Diego, CA 92121
WWW.PAGEKEEPER.COM/CA/DTEK
(858) 566-4540 FAX (858) 566-4542

IDEC PHARMACEUTICALS

11011 Torreyana Road
San Diego, CA 92121

Attn: Mr. Mark Thompson

Date of Report: 7/20/99
Sampling Dates: 6/30/99
Date Sample Received: 7/1/99
Date Analyzed: July 9, 1999
Analyzed By: JV
Sample Type: Liquid
Log Number: 99-1876 to 99-1877

ANALYSES RESULTS

Analysis: Flashpoint
Prep/Analysis Method: EPA 1010
Units: °F

<u>Log #:</u>	<u>Sample ID:</u>	
99-1876	6M Guanadine HCl	>212
99-1877	1% Benzyl Alcohol	>212



Ellen Atienza
Operations Manager

D-TEK Analytical Laboratories, Inc.

9020 Kenamar Drive, Suite 205
San Diego, CA 92121
WWW.PAGEKEEPER.COM/CA/DTEK
(858) 566-4540 FAX (858) 566-4542

QUALITY CONTROL DATA REPORT

Date: 7/20/99
Attn: Mr. Mark Thompson
Log #: 99-1876 to 99-1877
Date Analyzed: July 9, 1999

Analysis	Prep/Analysis Method	LCS % Recovery	Spike % Recovery	Duplicate % RPD
Flashpoint	EPA 1010	100		0



Ellen Atienza
Operations Manager

QUALITY CONTROL TERMINOLOGY

- **LCS** - Laboratory Control Sample. Reported as % Recovery of an Independent Standard carried through all sample preparation procedures to verify method performance. Acceptable range is 80 % -120 % recovery.
- **Spike**- Environmental sample is matrix spiked with method compounds and % recovery of concentration spiked into sample is calculated. Reported as
- **% Recovery**. Acceptable range for "Normal Matrix Sample" is 75 % - 125% recovery.
- **% Recovery** = (Spike Sample Result - Sample Result) *100/Spike Concentration.
- **RPD (Relative % Difference)** = (Spiked Sample - Spike Duplicate) * 100 / Average Result.

D-TEK Analytical Laboratories, Inc.
 9020 Kenamar Drive, Suite 205
 San Diego, CA 92121
 (619) 566-4540 FAX (619) 566-4542

CHAIN OF CUSTODY

DATE: 7/1/99 PAGE 1 OF 1

D-TEK LOG #: _____ TO #: _____ ANALYSIS REQUEST

CUSTOMER INFORMATION		PROJECT INFORMATION		BILLING INFORMATION		CONTACT PERSON		PROJECT NAME/NUMBER		BILLING INFORMATION		PROJECT INFORMATION		ANALYSIS REQUEST	
COMPANY: <u>Idex</u>		PROJECT NAME/NUMBER		BILLING INFORMATION		CONTACT PERSON: <u>Mark Thompson</u>		PROJECT INFORMATION		BILLING INFORMATION		PROJECT INFORMATION		ANALYSIS REQUEST	
PROJECT MANAGER:		BILL TO:		ADDRESS:		PHONE:		ADDRESS:		PHONE:		ADDRESS:		PHONE:	
ADDRESS: <u>3030 Calkin Road</u>		ADDRESS:		PHONE:		ADDRESS:		PHONE:		ADDRESS:		PHONE:		ADDRESS:	
PHONE: <u>619-458-8822</u>		PHONE:		PHONE:		PHONE:		PHONE:		PHONE:		PHONE:		PHONE:	
FAX: <u>619-458-8890</u>		P.O.#:		P.O.#:		P.O.#:		P.O.#:		P.O.#:		P.O.#:		P.O.#:	
D-TEK LOG #	SAMPLE # / SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAIN TYPE	R	E	S	# OF CONTAINERS	Flash point testing					
<u>99-1876 1)</u>	<u>6M Guanadine HCl</u>	<u>6/30/99</u>	<u>-</u>	<u>Liq.</u>	<u>Glass</u>	<u>X</u>									
<u>99-1877 2)</u>	<u>10% Benzyl Alcohol</u>	<u>6/30/99</u>	<u>-</u>	<u>Liq.</u>	<u>Glass</u>	<u>X</u>									
SAMPLE INTEGRITY															
1. RELINQUISHED BY: DATE/TIME <u>7-1-99 1:52 PM</u>		2. RELINQUISHED BY: DATE/TIME <u>7-1-99 145</u>		3. RECEIVED BY: DATE/TIME		MEETS HOLDING TIME ?		CORRECT CONTAINERS ?		SAMPLE RECEIPT		SPECIAL INSTRUCTIONS			
SIGNATURE: <u>S.M. Mandlock</u>		SIGNATURE: <u>Tim Cannon</u>		SIGNATURE:		Y/N		Y/N		Y/N		Y/N			
PRINTED NAME: <u>S.M. Mandlock</u>		PRINTED NAME: <u>Tim Cannon</u>		PRINTED NAME:		Y/N		Y/N		Y/N		Y/N			
COMPANY: <u>IDEX Bioacore</u>		COMPANY: <u>D-TEK</u>		COMPANY:		Y/N		Y/N		Y/N		Y/N			
1. RECEIVED BY: DATE/TIME <u>7-1-99 1352</u>		2. RECEIVED BY: DATE/TIME <u>7-1-99 145</u>		3. RECEIVED BY: DATE/TIME		Y/N		Y/N		Y/N		Y/N			
SIGNATURE: <u>Tim Cannon</u>		SIGNATURE: <u>Tim Cannon</u>		SIGNATURE:		Y/N		Y/N		Y/N		Y/N			
PRINTED NAME: <u>Tim Cannon</u>		PRINTED NAME: <u>Tim Cannon</u>		PRINTED NAME:		Y/N		Y/N		Y/N		Y/N			
COMPANY: <u>D-TEK</u>		COMPANY: <u>D-TEK</u>		COMPANY:		Y/N		Y/N		Y/N		Y/N			
RECEIVED INSTRUCTIONS: YES/NO		TARE SEAL INTACT Y/N/NA		PRECAUTIONS:		Y/N		Y/N		Y/N		Y/N			
TAT		TAT		TAT		TAT		TAT		TAT		TAT			

ALL SAMPLES ARE SUBJECT TO TERMS AND CONDITIONS ON REVERSE SIDE ..

DATE: 8/20/99

H# File 14775
For Office Use Only

RECEIVED

SEP 27 11 23 AM '99

Please Print or Type All Information

I. CLASSIFICATION OF WASTE

Business Name: IDEC Pharmaceuticals Corporation
Business Address/Zip Code: 11011 Torreyana Road SD CA 92121
Business Phone: (619) 458-8822
Business Representative's Name: Mark Thompson
Job Title: Sr. Manager Environmental Health & Safety

ENVIRONMENTAL
HEALTH SERVICES

A. Waste Information:

1. Describe the Type of Waste (Example: water soluble cutting oil from machine shop containing trace amounts of heavy metals):
200 ppm Peracetic Acid solution is used as a process buffer in manufacturing.

2. Description of Waste:

a. Physical description of waste (Example: Dry sandblast grit and other debris):
Solution is a clear liquid with a slight odor of vinegar.

b. Present method of waste disposal:
Pending concurrence on waste determination spent/unwanted buffer will be sewer discharged.

c. Dates and locations of collected samples (Fill in the box below with applicable information):

TYPE OF SAMPLE COLLECTED	LOCATION	DATE COLLECTED	FIELD SAMPLE # (sample label# or ID number)
Example : Dry sandblast grit	Sandblast grit stockpile grid location: #01	September 4, 1992	#001
200 ppm Peracetic acid	Process Dev. Lab	8/19/99	9908-110 99-2292

d. Description of sampling methodology (NOTE-IMPORTANT: For wastes stored in roll-off boxes; in a stockpile; in large containers; or disposed of onto the ground surface, you must attach a plot plan map detailing the exact sample locations/coordinates demonstrating where the samples were collected.):

(1) Describe the sampling technique used at site or facility:

Purification buffer was prepared using stock solutions. This buffer is not yet used as part of the validated process.

(2) Describe sample handling and preservation methods used prior to laboratory analysis:

The sample submitted for testing was collected in a labeled glass container at room temp properly preserved and stored, and chain of custody procedures were followed.

(3) Waste produced per unit time (Example: 500 pounds/day):

No estimate is currently available.

(4) Describe the process used to generate waste:

Plant activities include/involve large scale fermentation and purification operations. Large amounts of clean water and buffer solutions are used daily. Buffer solutions typically contain alcohols and various acid salts in different concentrations. Daily operations yield waste water solutions that are managed as process wastes. A process waste treatment unit is in operation at the site for pH adjustment.

B. Certification by person(s) who is/are the responsible managers of the establishment.

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this notification and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I certify that the waste is non-hazardous based on testing of the waste and applying knowledge of the characteristics of the waste in light of the materials or the processes used. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

Signature: Chris Burman

Printed Name: Chris Burman

Job Title: Sr. Vice President, Manufacturing and Process Sciences

Date: 8-20-99

II. SAMPLING INFORMATION

A. Sampler's Name: Mark Thompson

Business Address/Zip Code: 11011 Torreyana Road SD CA 92121

Business Phone: (619) 458-8822

Contact Person: Mark Thompson

Job Title: Sr. Manager, Environmental Health and Safety

"I certify under penalty of law that I have personally conducted all sampling in accordance with the procedures specified in Section One of 'Test Methods for Evaluating Solid Waste, Physical/Chemical Methods', SW-846, 3rd Edition, U.S. Environmental Protection Agency, 1986. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment."

Signature: _____

Printed Name: Mark Thompson

Title: Sr. Manager, Environmental Health & Safety

Date: 8/20/99

SW846 Section One, Regulatory and Scientific Objectives states in part "that enough samples...be collected over a period of time to address the variability of the waste."

III. **LABORATORY INFORMATION** To be completed by Lab Technician:

A. Waste samples are to be transported with a Chain-of-Custody to a laboratory certified to perform that specific analysis by the State of California Department of Environmental Health (Pursuant to Section 67440,1 CCR).


(Attach a copy of Chain-of-Custody Form)

Laboratory: OCEAN ENVIRONMENTAL
Address: 5550 WAREHOUSE DRIVE, SAN DIEGO, CA 92121
Phone #: 658-458-9044
Contact Person: MARILYN SCHWARTZ
Job Title: LABORATORY MANAGER

B. Laboratory shall have a Quality Assurance Manual which is utilized on a routine basis by the laboratory staff.

1. Cite the reference(s) for the extraction and analytical methods used on the analysis report.
2. I certify under penalty of law that I have conducted all analysis in accordance with the analytical procedures specified in California Code of Regulations, Title 22, Division 4.5, Chapter 11. (Identification and Listing of Hazardous Waste).

(Attach Laboratory Results)

Signature: 
Printed Name: MARILYN SCHWARTZ
Job Title: LAB MANAGER
Date: 20 AUGUST 1999

NOTE: You must attach a copy of the laboratory results and Chain-of-Custody document to this form.

IMPORTANT FOOTNOTES
** Please Read **

1. Maintain a completed copy of this document in your files available for review at all times.
2. Do **NOT** commingle or mix different samples into one composite sample.
3. Transport the samples directly to the laboratory as soon as possible. Maintain the samples cold (4°C or below) while in storage and during transport.
4. Enough samples should be taken of the waste to ensure that a thorough assessment of the properties of the waste is conducted by the waste producer. Sample analysis results often vary because the waste is not homogenous in nature. In many cases, more than one sample must be analyzed in order to ensure the validity of the waste determination.
5. The Hazardous Materials Management Division recommends you obtain the services of a qualified and experienced environmental consultant who can assist you in the sampling of the waste and laboratory analysis of the samples.
6. In accordance with Section 66260.200 of the California Code of Regulations, Title 22, Division 4.5, the waste generator may petition Cal-EPA, Department of Toxic Substances Control, for their concurrence with the results of the waste determination.
7. A waste generator who incorrectly determines that a hazardous waste is non-hazardous, and fails to manage the waste in a lawful manner, is in violation of the regulations and is subject to enforcement action (Section 66260.200 of the California Code of Regulations, Title 22).

III. **LABORATORY INFORMATION** To be completed by Lab Technician:

A. Waste samples are to be transported with a Chain-of-Custody to a laboratory certified to perform that specific analysis by the State of California Department of Environmental Health (Pursuant to Section 67440.1 CCR).

(Attach a copy of Chain-of-Custody Form)

Laboratory: D-TEK Analytical Labs
 Address: 9020 Kernan Drive Suite 205 SD CA 92121
 Phone #: 858-566-4540
 Contact Person: Ellen Atienza
 Job Title: Operations Manager

B. Laboratory shall have a Quality Assurance Manual which is utilized on a routine basis by the laboratory staff.

1. Cite the reference(s) for the extraction and analytical methods used on the analysis report.
2. I certify under penalty of law that I have conducted all analysis in accordance with the analytical procedures specified in California Code of Regulations, Title 22, Division 4.5, Chapter 11. (Identification and Listing of Hazardous Waste).

(Attach Laboratory Results)

Signature: [Signature]
 Printed Name: JOAQUIN VELASQUEZ
 Job Title: INORGANICS MANAGER
 Date: 8/2/99

NOTE: You must attach a copy of the laboratory results and Chain-of-Custody document to this form.

IMPORTANT FOOTNOTES
 ** Please Read **

1. Maintain a completed copy of this document in your files available for review at all times.
2. Do **NOT** comingle or mix different samples into one composite sample.
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OGDEN ENVIRONMENTAL AND ENERGY SERVICES

Ogden Bioassay Lab
5550 Morehouse Drive, Suite B
San Diego, CA 92121
619 458 9044 phone (area code to change to 858 mid-1999)
619 458 0943 fax

Ogden Bioassay Northwest
5009 Pacific Highway East, Suite 2-0
Fife, WA 98424
253 922 4296 phone
253 922 4296 fax

September 20, 1999
California Lab Cert. # 1802

Ogden I.D. Test No. 9908-110

Mr. Mark Thompson
IDEC Pharmaceuticals
11011 Torreyana Road
San Diego, CA 92121

Dear Mark,

On August 19, 1999, the Ogden Bioassay Laboratory received one liquid sample for bioassay analysis. The sample was analyzed in accordance with State of California and USEPA methods. The symbol for greater than indicates that the LC₅₀ was higher than the highest concentration tested (750 mg/L). Samples exhibiting an LC₅₀ value greater than 500 mg/L are not classified as hazardous for disposal under California Code of Regulations Title 22.

Attached are a summary sheet of the test results, a copy of the laboratory raw data recorded during the assay, and a copy of the chain-of-custody which accompanied the sample. Please feel free to me at (619) 458-9044 ext. 300 should you have any questions.

Sincerely,



Marilyn J. Schwartz
Manager, Ogden Bioassay Labs



Ogden Environmental and Energy Services Company
 Bioassay Laboratory
 5550 Morehouse Drive, Suite B
 San Diego, CA 92121
 (619) 458-9044

Results Summary
 September 20, 1999

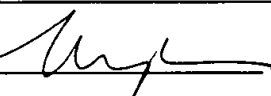
Client Name: Idec Pharmaceuticals Address: 11011 Torreyana Road, San Diego, CA 92121
 Sample ID: 200ppm Paracetic Acid Results: LC₅₀ >750 mg/L
 Ogden ID: 9908-110

Sample and Bioassay Information

Test Type:	<u>Screening</u>	Test Conditions:	<u>Static</u>
Test Species:	<u><i>Pimephales promelas</i></u>	Common Name:	<u>Fathead minnow</u>
Organism Supplier:	<u>Aquatic BioSystems</u>	Number per Tank:	<u>10</u>
Acclimation Period:	<u>>24 hours</u>	Acclimation Temp. (°C):	<u>20 ± 2</u>
Mean Length (mm):	<u>37.0</u>	Mean Weight (g):	<u>0.309</u>
Range (mm):	<u>33 - 40</u>	Loading Rate (g/L):	<u>0.39</u>
Dilution Water:	<u>Charcoal-filtered tapwater adjusted</u>	Test Solution Volume (liters):	<u>8</u>
Sample Receipt Date:	<u>08/19/1999</u>	Test Dates:	<u>8/25/99 - 8/29/99</u>

Results Summary

Treatment	Rep.	Initial Count	Final Count	Percent Survival	Average Survival
Control	A	10	9	90	90
	B	10	9	90	
250 mg/L	A	10	10	100	95
	B	10	9	90	
500 mg/L	A	10	10	100	100
	B	10	10	100	
750 mg/L	A	10	10	100	100
	B	10	10	100	

Results Verified: 

Date: 9/20/99

**California Title 22 - Hazardous Waste Toxicity Test
Toxicity Test Data Sheet - Ogden Bioassay Laboratory**

Client: IDEC Pharmaceuticals Start Date & Time: 8-25-99 / 1315
 Sample ID: IDEC Sample #1 (200ppm Paracetetic Acid) End Date & Time: 8-29-99 / 1330
 Contact: _____ Test Organism: P. promelas
 Test #: 9908-110 Test Protocol: California Title 22 - Hazardous Waste Toxicity Test

Conc.	Rep	Number of Live Organisms		Dissolved Oxygen (mg/L)	pH (units)	Conductivity (umhos/cm)	Temperature (°C)	Percent Survival
		Initial	Final					
Control	a	10	10	6.0	7.14	163	21.0	90
	b	10	10	6.2	7.13	162	21.0	90
	a	10	10	6.5	7.11	162	21.0	90
	b	10	10	6.2	7.00	166	21.0	90
250mg/L	a	10	10	6.2	7.03	162	21.0	100
	b	10	10	6.4	7.03	161	21.1	100
	a	10	10	6.3	7.01	161	21.0	100
	b	10	10	6.5	7.01	161	21.0	100
500 mg/L	a	10	10	6.2	7.03	162	21.0	100
	b	10	10	6.4	7.03	161	21.1	100
	a	10	10	6.3	7.01	161	21.0	100
	b	10	10	6.5	7.01	161	21.0	100
750 mg/L	a	10	10	6.2	7.03	162	21.0	100
	b	10	10	6.4	7.03	161	21.1	100
	a	10	10	6.3	7.01	161	21.0	100
	b	10	10	6.5	7.01	161	21.0	100
Technician Initials	a	AR	BCS	MS	SC			
	b	AR	BCS	MS	SC			
Conc.	Alkalinity* (mg/L as CaCO3)		Hardness*					
	Initial	Final	Initial	Final				
control	24	25	41	41				
highest conc.	24	24	45	45				

Sample Description: Clear liquid
 Comments: organisms 3 months old
 24 hrs: _____
 48 hrs: _____
 72 hrs: _____
 96 hrs: _____

Reviewed: AR 9/9/99 QC check: SC 9/9/99
 Ogden Bioassay Laboratory
 5550 Morehouse Dr., Suite B
 San Diego, CA 92121
 (619) 458-9044

Ogden Bioassay Laboratory
5550 Morehouse Drive, Suite B
San Diego, CA 92121
619-458-9044 (area code to change to 858 mid-1999)

Date 8/19 Page 1 of 1

COMPANY <u>Idea Pharmaceuticals</u> ADDRESS <u>11011 Tinsman Rd</u> CITY <u>SD</u> STATE <u>CA</u> ZIP <u>92121</u> PHONE NO. <u>458-2822</u>				ANALYSIS REQUIRED <u>Title 22</u> <u>Aquatic Tox</u> <u>Screening assay</u>				PROJECT MANAGER SAMPLERS (SIGNATURE) PHONE NUMBER CONCENTRATIONS/COMMENTS NUMBER OF CONTAINERS <u>1</u>										
SAMPLE ID	DATE	TIME	MATRIX	CONTAINER TYPE														
<u>Idea Sample #1</u>	<u>8/19</u>	<u>11:45</u>	<u>liq</u>	<u>Glass Bottle</u>														
PROJECT INFORMATION					SAMPLE RECEIPT					RELINQUISHED BY				RELINQUISHED BY				
CLIENT	<u>Idea</u>	TOTAL NO. OF CONTAINERS	1		Signature: <u>Mark Thompson</u>				Signature: <u>Steve Carlson</u>				Signature: <u>Steve Carlson</u>					
P.O. NO.		CHAIN OF CUSTODY SEALS	-		(Printed Name) <u>Mark Thompson</u>				(Printed Name) <u>Steve Carlson</u>				(Printed Name) <u>Steve Carlson</u>					
SHIPPED VIA:	<u>Hand Delivered</u>	REC'D. GOOD CONDITION/COLD	-		(Date) <u>8/19</u>				(Date) <u>8/19</u>				(Date) <u>8-19-99</u>					
SPECIAL INSTRUCTIONS/COMMENTS:					RECEIVED BY					RECEIVED BY (LABORATORY)				RECEIVED BY (LABORATORY)				
					Signature: <u>Mark Thompson</u>					Signature: <u>Steve Carlson</u>				Signature: <u>Steve Carlson</u>				
					(Printed Name) <u>Mark Thompson</u>					(Printed Name) <u>Steve Carlson</u>				(Printed Name) <u>Steve Carlson</u>				
					(Date) <u>8/19</u>					(Date) <u>8/19</u>				(Date) <u>8-19-99</u>				
					(Company)					(Company)				(Company)				

Disposal charges may apply for hazardous materials characterization testing. DISTRIBUTION: WHITE, CANARY - Ogden Bioassay Lab, PINK - Originator

D-TEK Analytical Laboratories, Inc.

9020 Kenamar Drive, Suite 205
San Diego, CA 92121
WWW.PAGEKEEPER.COM/CA/DTEK
(858) 566-4540 FAX (858) 566-4542

IDEC PHARMACEUTICALS
11011 Torreyana Road
San Diego, CA 92121

Attn: Mr. Mark Thompson

Date of Report: 9/2/99
Sampling Dates: 8/19/99
Date Sample Received: 8/20/99
Date Analyzed: August 31, 1999
Analyzed By: JV
Sample Type: Liquid
Log Number: 99-2292

ANALYSES RESULTS

Analysis: Flashpoint
Prep/Analysis Method: EPA 1010
Units: °F

Log #:	Sample ID:	
99-2292	#1 200 ppm peracetic acid	>212



Ellen Atienza
Operations Manager

D-TEK Analytical Laboratories, Inc.

9020 Kenamar Drive, Suite 205

San Diego, CA 92121

WWW.PAGEKEEPER.COM/CA/DTEK

(858) 566-4540 FAX (858) 566-4542

QUALITY CONTROL DATA REPORT

Date: 9/2/99
Attn: Mr. Mark Thompson
Log #: 99-2292
Date Analyzed: August 31, 1999

Analysis	Prep/Analysis Method	LCS % Recovery
Flashpoint	EPA 1010	100



Ellen Atienza
Operations Manager

QUALITY CONTROL TERMINOLOGY

- **LCS** - Laboratory Control Sample. Reported as % Recovery of an Independent Standard carried through all sample preparation procedures to verify method performance. Acceptable range is 80 % -120 % recovery.
- **Spike**- Environmental sample is matrix spiked with method compounds and % recovery of concentration spiked into sample is calculated. Reported as
- **% Recovery**. Acceptable range for "Normal Matrix Sample" is 75 % - 125% recovery.
- **% Recovery** = (Spike Sample Result - Sample Result) *100/Spike Concentration.
- **RPD (Relative % Difference)** = (Spiked Sample - Spike Duplicate) * 100 / Average Result.



County of San Diego

TO File
H114775

GARY W. ERBECK
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION

RICHARD HAAS
ASSISTANT DIRECTOR

P.O. BOX 129281, SAN DIEGO, CA 92112-9281
(619) 338-2222 FAX (619) 338-2377
1-800-253-9933

October 28, 1999

Mark Thompson
IDEC Pharmaceuticals Corporation
3030 Callan Road
San Diego, CA 92121

Dear Mark:

WASTE DETERMINATION FOR PROCESS BUFFERS

This letter is in reply to your correspondence of September 20, 1999, to the Hazardous Materials Division (HMD) regarding the waste determination conducted on the three new buffers being considered for use by IDEC Pharmaceuticals. Your letter stated the buffers consist of 1% benyl alcohol, peracetic acid, and 6 molar guanadine HCL. The waste determination consisted of flashpoint and toxicity testing for all three buffers...

The HMD appreciates the opportunity to review your planned use of the buffers. Based on the waste determination results, your plan is considered to satisfy regulatory requirements for waste management. If the buffer compositions or processes change, a new waste determination will be required. Additionally, since the waste buffer solutions are discharged to the sanitary sewer, the HMD recommends you contact the City of San Diego, Metropolitan Wastewater Division for discharge approval.

If you have any further questions, please do not hesitate to contact me at (858) 694-3234.

Sincerely,

PETER NEUBAUER, Environmental Health Specialist II
Hazardous Materials Division

PN:dsl

cc: Dale Dewese, Supervising Environmental Health Specialist
HMD File# H14775

IDEC
Pharmaceuticals Corporation

09/20/99

Mr. Peter Neubauer
County of San Diego
Department of Environmental Health, HMMD
1225 Imperial Avenue
P.O. Box 129261
San Diego CA 92112-9261

RECEIVED

SEP 27 11 23 AM '99

ENVIRONMENTAL
HEALTH SERVICES

3030 CALLAN ROAD
SAN DIEGO, CALIFORNIA 92121
858/431-8500 • FAX 858/431-8887

To File
H14775

RE: Waste Determination/Classification for Process Buffers

Dear Peter,

Enclosed please find the paperwork on three new buffers being considered for use in IDEC's manufacturing purification operation. These buffers are identified as 200 ppm Peracetic Acid, 6 Molar Guanadine HCL, and 1% Benzyl Alcohol. As per your agency's procedures IDEC is asking for a Waste Determination/Classification on these substances.

IDEC has carried out flashpoint and toxicity testing on these buffers in accordance with CAC Title 22 and the results are attached. According to the test results these buffers would not constitute hazardous waste when no longer fit for use or re-use and therefore could be discharged to the sewer as industrial wastewater. Two of these buffers are completely new to the purification process, and one (the benzyl alcohol) is a partial replacement for several of the ethanol buffers currently approved for use in the plant. IDEC is currently in a transition phase between manufacturing campaigns, and is gearing up for the production of clinical trial materials starting in October. If you have any additional questions please contact me at (858) 431-8822.

Sincerely,



Mark Thompson
Sr. Manger, Environmental Health and Safety

III. LABORATORY INFORMATION To be completed by Lab Technician:

A. Waste samples are to be transported with a Chain-of-Custody to a laboratory certified to perform that specific analysis by the State of California Department of Environmental Health (Pursuant to Section 67440.1 CCR).


(Attach a copy of Chain-of-Custody Form)

Laboratory: OPEN ENVIRONMENTAL
Address: 5550 MOREHOUSE DRIVE, SAN DIEGO, CA 92121
Phone #: 658-458-9044
Contact Person: MARILYN SCHMIDT
Job Title: LABORATORY MANAGER

B. Laboratory shall have a Quality Assurance Manual which is utilized on a routine basis by the laboratory staff.

1. Cite the reference(s) for the extraction and analytical methods used on the analysis report.
2. I certify under penalty of law that I have conducted all analysis in accordance with the analytical procedures specified in California Code of Regulations, Title 22, Division 4.5, Chapter 11. (Identification and Listing of Hazardous Waste).

(Attach Laboratory Results)

Signature: 
Printed Name: MARILYN SCHMIDT
Job Title: LAB MANAGER
Date: 20 AUGUST 1999

NOTE: You must attach a copy of the laboratory results and Chain-of-Custody document to this form.

IMPORTANT FOOTNOTES
** Please Read **

1. Maintain a completed copy of this document in your files available for review at all times.
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(Attach a copy of Chain-of-Custody Form)

Laboratory: D-TEK Analytical Labs

Address: 9020 Kenamar Drive Suite 205 SD CA 92171

Phone #: 858-566-4540

Contact Person: Ellen Atienza

Job Title: Operations Manager

B. Laboratory shall have a Quality Assurance Manual which is utilized on a routine basis by the laboratory staff.

1. Cite the reference(s) for the extraction and analytical methods used on the analysis report.

2. I certify under penalty of law that I have conducted all analysis in accordance with the analytical procedures specified in California Code of Regulations, Title 22, Division 4.5, Chapter 11. (Identification and Listing of Hazardous Waste).

(Attach Laboratory Results)

Signature: [Signature]

Printed Name: JOSUEN VELASQUEZ

Job Title: INORGANICS MANAGER

Date: 9/2/99

NOTE: You must attach a copy of the laboratory results and Chain-of-Custody document to this form.

IMPORTANT FOOTNOTES
** Please Read **

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2. Do NOT commingle or mix different samples into one composite sample.
3. Transport the samples directly to the laboratory as soon as possible. Maintain the samples cold (4°C or below) while in storage and during transport.
4. Enough samples should be taken of the waste to ensure that a thorough assessment of the properties of the waste is conducted by the waste producer. Sample analysis results often vary because the waste is not homogenous in nature. In many cases, more than one sample must be analyzed in order to ensure the validity of the waste determination.
5. The Hazardous Materials Management Division recommends you obtain the services of a qualified and experienced environmental consultant who can assist you in the sampling of the waste and laboratory analysis of the samples.
6. In accordance with Section 66260.200 of the California Code of Regulations, Title 22, Division 4.5, the waste generator may petition Cal-EPA, Department of Toxic Substances Control, for their concurrence with the results of the waste determination.
7. A waste generator who incorrectly determines that a hazardous waste is non-hazardous, and fails to manage the waste in a lawful manner, is in violation of the regulations and is subject to enforcement action (Section 66260.200 of the California Code of Regulations, Title 22).

OGDEN ENVIRONMENTAL AND ENERGY SERVICES

Ogden Bioassay Lab
5550 Morehouse Drive, Suite B
San Diego, CA 92121
619 458 9044 phone (area code to change to 858 mid-1999)
619 458 0943 fax

Ogden Bioassay Northwest
5009 Pacific Highway East, Suite 2-0
Fife, WA 98424
253 922 4296 phone
253 922 4296 fax

Test I.D. Nos. 9907-007 & 9907-008
California Lab Certification No. 1802

July 20, 1999

Mark Thompson
IDEC Pharmaceuticals
3030 Callan Road
San Diego, CA 92121

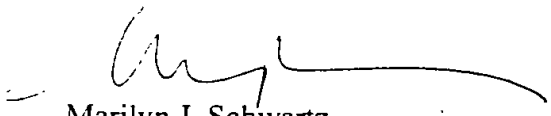
Dear Mark,

On July 1, 1999, the Ogden Bioassay Laboratory received two liquid samples for definitive hazardous waste characterization. The samples were identified by IDEC Pharmaceuticals as "One percent Benzyl Alcohol" and "6M Guanadine HCl."

The samples were analyzed in accordance with State of California Fish and Game and USEPA methods. Definitive assays were conducted and the LC₅₀ for both samples was determined to be >750 mg/L. Samples exhibiting LC₅₀ values above 500 mg/L are **not** classified by the State of California as hazardous for disposal under Title 22.

Attached are summary sheets of the test results, copies of the laboratory raw data recorded during the assays, and a copy of the chain-of-custody which accompanied the samples. Please feel free to me at (619) 458-9044 ext. 300 should you have any questions.

Sincerely,


Marilyn J. Schwartz
Manager, Ogden Bioassay Laboratory

Enclosure

Ogden Environmental and Energy Services Company
 Bioassay Laboratory
 5550 Morehouse Drive, Suite B
 San Diego, CA 92121
 (619) 458-9044

Results Summary
 July 20, 1999

Client Name: Idec Pharmaceuticals Address: 3030 Callan Road, San Diego, CA 92121
 Sample ID: 1% Benzyl Alcohol Results: LC₅₀ >750 mg/L
 Ogden ID: 9907-007

Sample and Bioassay Information

Test Type:	<u>Definitive</u>	Test Conditions:	<u>Static</u>
Test Species:	<u><i>Pimephales promelas</i></u>	Common Name:	<u>Fathead minnow</u>
Organism Supplier:	<u>Aquatic BioSystems</u>	Number per Tank:	<u>10</u>
Acclimation Period:	<u>>24 hours</u>	Acclimation Temp. (°C):	<u>20 ± 2</u>
Mean Length (mm):	<u>38.5</u>	Mean Weight (g):	<u>0.338</u>
Range (mm):	<u>34 - 40</u>	Range (g):	<u>0.244-0.396</u>
Dilution Water:	<u>Charcoal-filtered tapwater adjusted</u>	Loading Rate (g/L):	<u>0.42</u>
Sample Receipt Date:	<u>07/01/1999</u>	Test Solution Volume (liters)	<u>8</u>
		Test Dates:	<u>7/8/99-7/12/99</u>

Results Summary

Treatment	Rep.	Initial Count	Final Count	Percent Survival	verage survival
Control	A	10	10	100	
	B	10	10	100	100
62.5 mg/L	A	10	10	100	
	B	10	10	100	100
125 mg/L	A	10	10	100	
	B	10	10	100	100
250 mg/L	A	10	10	100	
	B	10	10	100	100
500 mg/L	A	10	10	100	
	B	10	10	100	100
750 mg/L	A	10	10	100	
	B	10	10	100	100

Results Verified: [Signature] Date: 7/20/99

**California Title 22 - Hazardous Waste Toxicity Test
Toxicity Test Data Sheet - Ogden Bioassay Laboratory**

Client: IDEC Pharm.
 Sample ID: IDEC #1 (1% Benzyl Alcohol)
 Contact: Mark Thompson
 Test #: 9907-007

Start Date & Time: 7/8/99 1700
 End Date & Time: 7/12/99 1520
 Test Organism: P. promelas
 Test Protocol: California Title 22 - Hazardous Waste Toxicity Test

Conc.	Rep	Number of Live Organisms					Dissolved Oxygen (mg/L.)					pH (units)					Conductivity (umhos/cm)					Temperature (°C)								
		0	24	48	72	96	0	24	48	72	96	0	24	48	72	96	0	24	48	72	96	0	24	48	72	96				
Control	a	10	10	10	10	10	8.8	6.4	5.9	5.6	5.7	7.55	7.11	7.41	7.15	7.11	173	177	179	181	183	20.8	20.6	20.6	20.5	20.5				
	b	10	10	10	10	10	8.8	6.6	5.8	5.7	5.8	7.57	7.12	7.41	7.14	7.11	173	176	178	180	182	20.8	20.5	20.5	20.4	20.4				
62.5 mg/L.	a	10	10	10	10	10	8.8	6.0	5.9	5.7	5.9	7.57	7.09	7.36	7.16	7.14	153	156	158	160	162	21.1	20.6	20.6	20.6	20.6				
	b	10	10	10	10	10	8.8	6.2	5.8	5.6	5.8	7.56	7.11	7.35	7.08	7.08	152	155	158	160	162	20.9	20.6	20.6	20.5	20.5				
125 mg/L.	a	10	10	10	10	10	8.8	5.8	5.5	5.6	5.8	7.55	7.06	7.33	7.08	7.08	152	156	158	160	162	21.1	20.7	20.7	20.6	20.6				
	b	10	10	10	10	10	8.8	5.8	5.3	5.4	5.6	7.55	7.03	7.30	7.05	7.05	152	156	158	160	163	21.1	20.6	20.6	20.5	20.5				
250 mg/L.	a	10	10	10	10	10	8.8	5.8	4.8	5.6	5.9	7.55	7.02	7.25	7.05	7.06	153	156	158	161	164	21.1	20.8	20.7	20.6	20.6				
	b	10	10	10	10	10	8.8	5.8	4.7	5.2	5.4	7.55	7.00	7.22	7.02	7.06	153	155	156	159	161	21.0	20.8	20.7	20.6	20.6				
500 mg/L.	a	10	10	10	10	10	8.8	5.8	4.5	5.3	5.8	7.53	7.00	7.14	7.00	7.04	152	155	156	159	163	21.1	20.8	20.7	20.6	20.6				
	b	10	10	10	10	10	8.8	5.7	4.5	4.6	5.1	7.53	7.00	7.12	6.97	7.03	152	155	156	158	160	21.1	20.8	20.6	20.6	20.6				
750 mg/L.	a	10	10	10	10	10	8.8	5.8	4.3	4.2	5.1	7.51	7.00	7.11	6.92	7.01	157	160	161	164	166	21.0	20.8	20.7	20.6	20.6				
	b	10	10	10	10	10	8.8	6.0	4.4	4.3	5.4	7.52	7.09	7.11	6.91	7.00	162	165	166	168	171	20.9	20.7	20.6	20.5	20.5				
Technician Initials		SC	AR	AR	SC	BCS																								

Conc.	Alkalinity*		Hardness*	
	*(mg/L as CaCO3)			
	Initial	Final	Initial	Final
control	19	24	46	41
highest conc.	20	28	39	44

Weights (g): 0.387 0.372 0.332 0.348 0.396 0.350 0.244 0.308 0.318 0.291 $\mu = 0.326$
 Lengths (mm): 87 40 38 40 40 38 34 38 40 40 $\mu = 38.5$
 length min/max = 34-40

Sample Description: Clear liquid
 Comments: 0 hrs: Organisms approximately 3 months old
 24 hrs: _____
 48 hrs: _____
 72 hrs: _____
 96 hrs: _____

Analysts: SC, AR, BCS
 Ogden Bioassay Laboratory
 5550 Morehouse Dr., Suite B
 San Diego, CA 92121
 (619) 458-9044

Reviewed: [Signature] 7/19/99 QC check: all for SC

D-TEK Analytical Laboratories, Inc.

9020 Kenamar Drive, Suite 205
San Diego, CA 92121
WWW.PAGEKEEPER.COM/CA/DTEK
(858) 566-4540 FAX (858) 566-4542

IDEC PHARMACEUTICALS

11011 Torreyana Road
San Diego, CA 92121

Attn: Mr. Mark Thompson

Date of Report: 7/20/99
Sampling Dates: 6/30/99
Date Sample Received: 7/1/99
Date Analyzed: July 9, 1999
Analyzed By: JV
Sample Type: Liquid
Log Number: 99-1876 to 99-1877

ANALYSES RESULTS

Analysis: Flashpoint
Prep/Analysis Method: EPA 1010
Units: °F

<u>Log #:</u>	<u>Sample ID:</u>	
99-1876	6M Guanadine HCl	>212
99-1877	1% Benzyl Alcohol	>212



Ellen Atienza
Operations Manager

D-TEK Analytical Laboratories, Inc.

9020 Kenamar Drive, Suite 205
San Diego, CA 92121
WWW.PAGEKEEPER.COM/CA/DTEK
(858) 566-4540 FAX (858) 566-4542

QUALITY CONTROL DATA REPORT

Date: 7/20/99
Attn: Mr. Mark Thompson
Log #: 99-1876 to 99-1877
Date Analyzed: July 9, 1999

Analysis	Prep/Analysis Method	LCS % Recovery	Spike % Recovery	Duplicate % RPD
Flashpoint	EPA 1010	100		0


Ellen Atienza
Operations Manager

QUALITY CONTROL TERMINOLOGY

- **LCS** - Laboratory Control Sample. Reported as % Recovery of an Independent Standard carried through all sample preparation procedures to verify method performance. Acceptable range is 80 % -120 % recovery.
- **Spike**- Environmental sample is matrix spiked with method compounds and % recovery of concentration spiked into sample is calculated. Reported as
- **% Recovery**. Acceptable range for "Normal Matrix Sample" is 75 % - 125% recovery.
- **% Recovery** = (Spike Sample Result - Sample Result) *100/Spike Concentration.
- **RPD (Relative % Difference)** = (Spiked Sample - Spike Duplicate) * 100 / Average Result.

IDEC
Pharmaceuticals Corporation

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Nov 20 3 25 PM '00

ENVIRONMENTAL
HEALTH SERVICES

FILE

H14775

11011 TORREYANA ROAD
SAN DIEGO, CA 92121
858/431-8500 • FAX 858/431-8750

County of San Diego
Department of Environmental Health
PO Box 129261
San Diego, CA. 92112-9261

November 14, 2000

Attention: Clarissa Hart

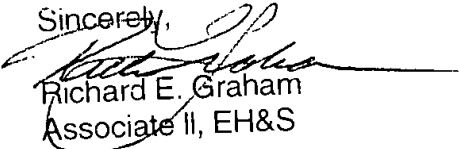
Subject: Cancellation of Permit for Medical Waste On-Site Treatment.

On behalf of IDEC Pharmaceuticals, I am sending you this letter, per our conversation during the second week of November 2000, to confirm the cancellation of our Medical Waste On-Site Treatment Permit for the Torreyana Facility. IDEC has discontinued the practice of Medical Waste On-Site Treatment and is now shipping all untreated waste via our Waste Hauler, PWN. We will maintain service and use records of our Autoclave for infrequent Medical Waste treatment. However, any waste that is treated on site will be treated again by PWN for proper disposal.

Attached you will find a copy of the aforementioned Medical Waste On-Site Treatment Permit.

If for any reason there are problems and/or questions relating to the cancellation of this permit, please call me at (858) 431-8950.

Sincerely,


Richard E. Graham
Associate II, EH&S



County of San Diego
Department of Environmental Health
Hazardous Materials Management Division
Medical Waste Management Program

PERMIT FOR MEDICAL WASTE On-Site Treatment

Has Been Issued To: IDEC Pharmaceuticals Corporation

Site Address: 11011 Torreyana Road, San Diego 92121

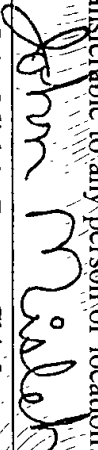
Autoclaves: Consolidated Stills & Sterilizers Model SR-24D Serial No. 32284 and

Eagle Series Vacuumatic AMSCO 3023 Model E3023-1 Serial No. 0101593-10 (Room 257)

HMMD Permit Number: H14775 Expiration Date: September 1, 2003

The facility named herein is permitted pursuant to the provisions of the Medical Waste Management Act, of the California Health and Safety Code. The above named facility shall be subject to all applicable provisions of the above law. This permit is not transferable to any person or location.

Date Issued: September 1, 1998


John Mistleh, Deputy Chief
Hazardous Materials Management Division

Note: (Not valid without authorized signature)



Winston H. Hickox
Secretary for
Environmental
Protection

Department of Toxic Substances Control

Edwin F. Lowry, Director
5796 Corporate Avenue
Cypress, California 90630

To File
RECEIVED
JUL 14 11 07 AM '00
EDWIN F. LOWRY
HEALTH SERVICES



Gray Davis
Governor

*CE
DEWEES*

July 11, 2000

Mr. Mark Thompson
Idec Pharmaceuticals Corporation
11011 Torreyana Road
La Jolla, California 92121
EPA ID NO: CAD 981 583 479

IN THE MATTER OF: STIPULATION AND ORDER; IDEC PHARMACEUTICALS CORPORATION, DOCKET NO. SRPD 99/00 SNS- 4050

Dear Mr. Thompson:

Enclosed please find a copy of the signed Stipulation and Order (Order) concerning Idec Pharmaceuticals Corporation, located at 11011 Torreyana Road, La Jolla, California 92121.

As indicated in section 7 of the Order, Idec Pharmaceuticals Corporation has paid the Department of Toxic Substances Control (DTSC) the administrative costs in the amount of \$6,000. 00, on June 23, 2000. Please note that the Order became effective on July 11, 2000, the date it was signed by DTSC.

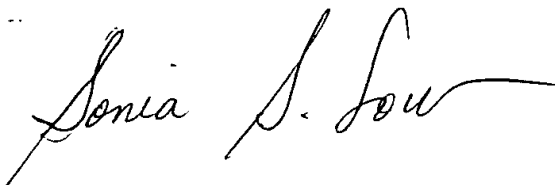
This document indicates your full compliance to the terms and conditions of the Order. Thank you very much for your prompt cooperation in the matter.



Mr. Mark Thompson
July 11, 2000
Page 2

If you have any questions regarding this letter or Order, please call Mr. Nebu John, Hazardous Substances Scientist, at (714) 484 5475.

Sincerely,



Sonia S. Low
Section Chief
Southern California Branch
State Regulatory Programs Division

Enclosure

cc: Mr. Michael Shepard (with enclosure)
Department of Toxic Substances Control
Office of Legal Counsel
400 P Street, 4th floor
P.O. Box 806
Mail Station Code HQ-10
Sacramento, California 95812-0806

✓ Mr. Michael Dorsey (with enclosure)
Chief of Hazardous Materials Division
County of San Diego Department of Environmental Health
P.O. Box 129261
San Diego, California 92112-9261

Ms. Ashley Chan Nubla (with enclosure)
Hazardous Waste Management Program/Headquarters
State Regulatory Programs Division
Department of Toxic Substances Control
400 P Street, 4th floor
P.O. Box 806
Mail Station Code HQ-10
Sacramento, California 95812-0806

Mr. Mark Thompson
July 11, 2000
Page 2

cc: Department of Toxic Substances Control (with enclosure)
Accounting, Mail Stop HQ-1
400 P Street, 4th floor
P.O. Box 806
Sacramento, California 95812-0806
Attn: Ms. Erlinda del Rosario

Mr. Stephen Lavinger, Chief (with enclosure)
Southern California Branch
State Regulatory Programs Division
Department of Toxic Substances Control
5796 Corporate Avenue
Cypress, California 93060

CERTIFIED MAIL
Z 300 959 490
Return Receipt Requested

STATE OF CALIFORNIA
ENVIRONMENTAL PROTECTION AGENCY
DEPARTMENT OF TOXIC SUBSTANCES CONTROL

1
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3
4 IN THE MATTER OF:) Docket No: SRPD 99/00 SNS-4050
5 Idec Pharmaceuticals corp.)
6 11011 Torreyana Road) STIPULATION AND ORDER
7 La Jolla, California 92121)
8 EPA ID CAD 981 583 479)
9 Idec Pharmaceuticals Corp.) Health and Safety Code
Respondent.) Section 25187
)

10
11 INTRODUCTION

12 The State Department of Toxic Substances Control
13 (Department) and Idec Pharmaceuticals corporation enter into this
14 Stipulation and Order (Order) and agree as follows:

15 1. A dispute exists regarding the draft Enforcement
16 Order (Docket No SRPD 99/00 SNS-4050) issued by the Department on
17 May 11, 2000.

18 2. The parties wish to avoid the expense of further
19 litigation and to ensure prompt action to achieve the Schedule
20 for Compliance below.

21 3. Jurisdiction exists pursuant to Health and Safety
22 Code (HSC) section 25187.

23 4. Respondent waives any right to a hearing in this
24 matter.

25 5.1. Based on the available facility information, the
26

1 Respondent's Tiered Permitting Phase I Environmental Checklist
2 (Checklist) concludes that their facility requires no further
3 investigation at this time.

4 5.2. This Order shall constitute full settlement of
5 the violations alleged in the draft Enforcement Order, but does
6 not limit the Department from taking appropriate enforcement
7 action concerning other violations.

8
9 SCHEDULE FOR COMPLIANCE

10
11 6. Respondent did comply with the following:

12 6.1. Respondent submitted to the Department a completed
13 Checklist (DTSC Form # 1151) as specified in HSC section 25200.14
14 (b), on May 2, 2000.

15 6.2. Submittals: All submittals from Respondent
16 pursuant to this Order shall be sent to:

17 Sonia S. Low, Section Chief
18 Southern California Branch
19 State Regulatory Programs Division
20 Department of Toxic Substances Control
5796 Corporate Avenue
Cypress, California 90630-4700

21 6.3. Communications: All approvals and decisions of
22 the Department made regarding such submittals and notifications
23 shall be communicated to Respondent in writing by Ms. Sonia S.
24 Low, Section Chief, Department of Toxic Substances Control, or
25 her designee. No informal advice, guidance, suggestions, or
26 comments by the Department regarding reports, plans,

1 specifications, schedules, or any other writings by Respondent
2 shall be construed to relieve Respondent of its obligation to
3 obtain such formal approvals as may be required.

4 6.4. Department Review and Approval: If the
5 Department determines that any report, plan, schedule, or other
6 document submitted for approval pursuant to this Order fails to
7 comply with the Order or fails to protect public health or safety
8 or the environment, the Department may:

9 a. Modify the document as deemed necessary and approve
10 the document as modified; or

11 b. Return the document to Respondent with recommended
12 changes and a date by which Respondent must submit to the
13 Department a revised document incorporating the recommended
14 changes.

15 6.5. Compliance with Applicable Laws: Respondent
16 shall carry out this Order in compliance with all local, State,
17 and federal requirements, including but not limited to
18 requirements to obtain permits and to assure worker safety.

19 6.6. Endangerment during Implementation: In the event
20 that the Department determines that any circumstances or activity
21 (whether or not pursued in compliance with this Order) are
22 creating an imminent or substantial endangerment to the health or
23 welfare of people on the site or in the surrounding area or to
24 the environment, the Department may order Respondent to stop
25 further implementation for such period of time as needed to abate
26 the endangerment. Any deadline in this Order directly affected
27

1 by a Stop Work Order under this section shall be extended for the
2 term of such Stop Work Order.

3 6.7. Liability: Nothing in this Order shall
4 constitute or be construed as a satisfaction or release from
5 liability for any conditions or claims arising as a result of
6 past, current, or future operations of Respondent, except as
7 provided in this Order. Notwithstanding compliance with the
8 terms of this Order, Respondent may be required to take further
9 actions as are necessary to protect public health or welfare or
10 the environment.

11 6.8. Government Liabilities: The State of California
12 shall not be liable for injuries or damages to persons or
13 property resulting from acts or omissions by Respondent or
14 related parties specified in paragraph 6.14 in carrying out
15 activities pursuant to this Order, nor shall the State of
16 California be held as a party to any contract entered into by
17 Respondent or its agents in carrying out activities pursuant to
18 this Order.

19 6.9. Additional Enforcement Actions: By agreeing to
20 this Order, the Department does not waive the right to take
21 further enforcement actions, except to the extent provided in
22 this Order.

23 6.10. Incorporation of Plans and Reports: All plans,
24 schedules, and reports that require Department approval and are
25 submitted by Respondent pursuant to this Order are incorporated
26 in this Order upon approval by the Department.
27

1 \$6,000.00, of which \$3,000.00 is a penalty and \$3,000.00 is
2 reimbursement of the Department's administrative costs. Payment
3 shall be made by September 30, 2000. Respondent's check shall be
4 made payable to Department of Toxic Substances Control, and shall
5 identify the Respondent and Docket Number, as shown in the
6 heading of this case. Respondent shall deliver the penalty
7 payment to:

8 Department of Toxic Substances Control
9 Accounting Office
10 400 P Street, 4th Floor
11 P. O. Box 806
12 Sacramento, California 95812-0806

13 A photocopy of the check shall be sent to:

14 Sonia S. Low, Section Chief
15 Southern California Branch
16 State Regulatory Programs Division
17 Department of Toxic Substances Control
18 5796 Corporate Avenue
19 Cypress, California 90630-4700

20 If Respondent fails to make payment as provided above, Respondent
21 agrees to pay interest at the rate established pursuant to
22 HSC section 25360.1 and to pay all costs incurred by the
23 Department in pursuing collection including attorney's fees.

24 EFFECTIVE DATE

25 8. The effective date of this Order is the date it is
26 signed by the Department.

27 //

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INTEGRATION

9. This agreement constitutes the entire agreement between the parties and may not be amended, supplemented, or modified, except as provided in this agreement.

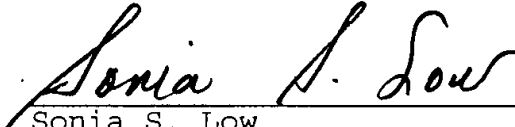
Dated: 7/5/00


Signature of Respondent's Representative

Dated: 7/5/00

Connie Matsui
VP, Planning & Resource Development
Typed or Printed Name and Title of Respondent's Representative

Dated: 7/11/00


Sonia S. Low
Section Chief
Southern California Branch
State Regulatory Programs Division

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PAYMENT VOUCHER

Docket No.: SRPD 99/00 SNS-4050
Respondent: Idec Pharmaceuticals Corporation
Address: 11011 Torreyana Road
La Jolla, California 92121
EPA ID NO.: CAD 981 583 479
County: San Diego
Penalty: \$3,000.00
Administrative Cost: \$3,000.00
Total Amount Due: \$6,000.00

No.	Payment Date	Payment Amount	Interest Rate/Year	Balance
01	Sep 30, 2000	\$6,000.00	0.000	\$00.00



To file
H 14775

11011 TORREYANA ROAD
SAN DIEGO, CA 92121
858/431-8500 • FAX 858/431-8750

3-07-01

Clarissa Hart
County of San Diego
Department of Environmental Health, HMMD
PO Box 129261
San Diego, CA. 92112-9261

Dear Clarissa,

I have completed the requested updates per your inspections on 2-12-01 (Torreyana Facility) and 2-14-01 (Callan Warehouse, and Science Park Facility). I will be double checking the labs for non-compliance and correcting any problems that appear. You will find a copy of the Health Permit that was missing from the Callan Facility and the original will be posted at Callan. If there is any needed information missing or you have any concerns/questions, do not hesitate to contact me at (858) 431-8950.

Sincerely,

Rick Graham
Associate II, EH&S
IDEC Pharmaceuticals, Corp.



Department of Toxic Substances Control

H14775



Winston H. Hickox
Secretary for
Environmental
Protection

Edwin F. Lowry, Director
5796 Corporate Avenue
Cypress, California 90630

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APR 11 11 34 AM '00

Gray Davis
Governor

ENVIRONMENTAL
HEALTH SERVICES

COPY
✓ DEWEESE
H FILE

April 7, 2000

Mr. Mark Thompson
Idec Pharmaceuticals Corporation
11011 Torreyana Road
La Jolla, California 92121
EPA ID No. CAD 981 583 479

SUMMARY OF VIOLATION

Dear Mr. Thompson:

The Department of Toxic Substances Control (DTSC) is issuing this Summary of Violation (SOV) to Idec Pharmaceuticals Corporation located at 11011 Torreyana Road, La Jolla, California 92037, for the following violation:

Violation

Idec Pharmaceuticals Corporation violated Health and Safety Code, section 25200.14(b), in that on January 1, 1997, Idec Pharmaceuticals Corporation failed to submit a Phase I Environmental Assessment (Phase I Checklist, DTSC Form 1151 - 9/95) to DTSC.

The Phase I Checklist was due to DTSC no later than January 1, 1997 for active or closed facilities under Permit By Rule (PBR) or Conditional Authorization (CA). The Phase I Checklist was mailed to these facilities on June 6, 1996 and June 12, 1996, respectively. A reminder letter was mailed on March 7, 1997 to those facilities that had not submitted a Phase I Checklist to DTSC.



Mr. Mark Thompson
April 7, 2000
Page 2

Schedule of Compliance

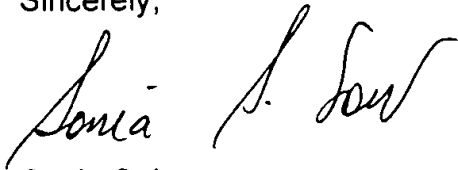
A completed Phase I Checklist must be submitted within thirty (30) calendar days from receipt of this letter to:

Sonia S. Low
Section Chief
Southern California Branch
State Regulatory Programs Division
5796 Corporate Avenue
Cypress, California 90630

Enclosed is a Phase I Checklist (DTSC 1151 - 06/99) for your use. The issuance of this SOV does not preclude DTSC from taking administrative, civil, or criminal action as a result of the violation.

If the Phase I Checklist has been submitted to DTSC or if you have any questions regarding this letter, please contact Mr. Nebu John at (714) 484-5475.

Sincerely,



Sonia S. Low
Section Chief
Southern California Branch
State Regulatory Programs Division

Enclosure

cc: Mr. Michael Dorsey
Chief of Hazardous Materials Division
County of San Diego Department of Environmental Health
P.O. Box 129261
San Diego, California 92112-9261

CERTIFIED MAIL
Z 300 959 436
Return Receipt Requested



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 1 OF 3
 EST. NO. H 14775
 DATE 2/12/01
 TIME START 9:35 END 3:00pm
 BUS. CODE K67
 SPECIALIST Hart
 CONTACT Rick Graham
 TITLE Safety Associate
 PHONE (619) 431-8500

BUSINESS NAME IDEC Pharmaceuticals
 ADDRESS 11011 Torreyana Rd
 CITY/ZIP San Diego 92121

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (H&S) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

- Routine Inspection -

Office Use Only

Violations and Corrective Actions:

MAY 03 2001

1) Hazardous waste used oil has not been cleaned up from the secondary containment floor of the storage area.

- Corrective Action: Clean up all hazardous waste used oil from the floor of the secondary containment storage area. Keep this area clean and dry. Clean up all spills of hazardous wastes as soon as possible.

2) Containers holding hazardous waste, used oil and other hazardous waste chemicals are not kept closed.

- Corrective Action: All containers holding hazardous wastes must be kept closed at all times unless adding or removing wastes.

3) Sharps containers are not labeled with generator information.

- Corrective Action: All sharps containers and red bags holding biohazardous waste must be labeled with generator labels.

Remarks:

1) Submit an updated Hazardous Materials Business Plan, Medical Waste Management, and Annual Cancerogen Report within 10 days to my attention.

2) Hazardous waste manifests ~~and~~ onsite.

3) Employee safety training records are located at Science Park road.

4) Health permit onsite, expires 11/30/01.

[Signature]
 Signature of Business Representative

2-12-01
 Date Signed

Assoc. EH&S
 Title

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261; (619) 338-2222



COUNTY OF SAN DIEGO

EST. NUMBER H 14775

COMPLIANCE INSPECTION REPORT

DATE 2/12/01

PAGE 2 OF 3

BUSINESS ADDRESS: 11011 Torreyana Rd San Diego 92121

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19/22/23 of the California Code of Regulations (CCR), Chapters 6.5, 6.7, 6.95 of the Health and Safety Code (HSC), and/or the San Diego County Code (SDCC).

I HAZARDOUS WASTE REQUIREMENTS:

RECORD KEEPING

- Health Permit not obtained SDCC 68.905
- No EPA Identification Number 66262.12
- Waste Manifests/Receipts not on-site for 3 years 66262.40
- Manifest not properly completed 66262.23
- Manifest copy not sent to DTSC 66262.23
- TSDf signed-manifest not on-site 66262.40
- Biennial report not sent to DTSC 66262.41
- LDR Documentation not available 66268.7
- Exception Rpt. not filed with DTSC 66262.42
- Operating TSDf without authorization 25201

STORAGE AND HANDLING

- Waste stored longer than 90, 180, or 270 days 66262.34
- Failure to clean up hazwaste off of floor surface 66262.10b
- Waste container missing/improperly labeled 66262.34
- Haz Materials not properly labeled 25124
- Waste container not kept closed 66265.173
- Waste container in poor condition 66265.171
- Waste container(s) not properly managed 66265.173
- Damaged container not repackaged 66265.171
- Container incompatible with waste 66265.172
- Incompatibles in the same container 66265.177
- Incompatibles not stored separately 66265.177
- Ignitable Waste less than 50 feet 66265.176
- Ignitable Waste not grounded 66265.31
- Storage area not inspected weekly 66265.174

DISPOSAL AND TRANSPORTATION

- Unauth. disposal of waste to _____ 25189.5
- Waste determination not made 66262.11
- Unlawful transport of haz. waste 25163
- Waste transported without manifest 66262.20
- Extremely Haz. Waste Permit not obtained 25205.7

TRAINING, CONTINGENCY PLAN & EMERGENCY PROCEDURES

- Training records unavailable 66265.16
- Training program not adequate 66265.16
- Facility not designed to minimize release 66265.31
- Spill control equip not available 66265.32
- Aisle space is obstructed 66265.35
- Contingency plan not prepared and/or on file 66265.51, 66265.53

MISCELLANEOUS

- Waste oil contaminated 25250.7
- Used oil filters improperly managed 66266.130
- Damaged batteries improperly managed 66266.81
- Facility has failed to notify local CUPA and DTSC of onsite treatment of hazardous waste (tiered permitting)
- Onsite treatment of waste without authorization 25201

III HAZARDOUS MATERIALS BUSINESS PLAN REQUIREMENTS:

RECORD KEEPING

- Health Permit not obtained SDCC 68.1105
- Business Plan not established/implemented 25503.5
- Business Plan not submitted to HMMD 25505
- Business Plan not amended 25505
- Personnel Training Records not available 19 CCR 2732

RELEASE REPORTING

- Failure to report a release/threatened release 25507

II UNDERGROUND STORAGE TANK (UST) REQUIREMENTS:

GENERAL UST REQUIREMENTS

- Health Permit not obtained 68.1005, 25284
- Repair/modify/close permit not obtained 68.1005
- UST Permit Application not submitted 25286(a)
- Operating permit conditions violated 2712
- Failed to notify HMMD of changes 25284
- No owner/operator agreement 25284
- No records of financial coverage 25292.2
- No maint/monit/calib records available 2712(b), 2641(j)
- Monitoring Equip. not tested annually 2630, 2641

MONITORING REQUIREMENTS (SINGLE WALL)

- Leak Detection Method does not meet performance standards 2643
- Integrity test not conducted 25292
- Copy of tank test not submitted to HMMD within 30 days 2643
- Manual tank gauging (<2000 gal) 2645 not done properly
- Reconciliation not done properly 2646
- Reconciliation not approved for facility 2646
- Dispenser meter(s) not calib annually 2646
- Improper liquid measurements 2646
- Stick in poor condition 2646
- Improper monthly reconciliation 2646
- Failed to report excessive variation 2646
- Pressurized Product Piping Leak Device not tested annually 25292
- No written monitoring procedure 2641
- No written emergency response plan 2641
- SIR reporting incorrectly done 2646.1

MONITORING REQUIREMENTS (DOUBLE WALL)

- Monitoring system not functional 2632
- No written monitoring procedure 2632
- Written emergency response plan not available 2632
- Spill/Overfill equip. not maintained or installed 2635

RELEASE REPORTING

- Failure to report an unauthorized release 25295
- Release record log not available 2651, 2650
- No leak report/investigation/action 2652

CLOSURE

- Temporary closure req. not completed 2671
- Unused tank not properly closed 25298
- Permanent closure req. not completed 2672
- Failed to apply for temporary closure 25298

BUSINESS PLAN ELEMENTS

- Emergency Response Plan inadequate 25504
- Emergency Contacts not provided/current 25509
- Personnel Training Program inadequate 25504
- Inventory is incomplete 25504
- Site Map is not sufficient 25509
- Acutely Haz. Mat. not registered 25533

ALL VIOLATIONS MUST BE CORRECTED. PLEASE CALL (619) 338-2222 OR YOUR INSPECTOR IF YOU HAVE ANY QUESTIONS.

ESTABLISHMENT REPRESENTATIVE

DATE SIGNED 2-12-01

TITLE Assoc. EHS

Department of Environmental Health, Hazardous Materials Management Division, P. O. Box 129261, San Diego, CA 92112-9261

DISTRIBUTION: WHITE-RETURN TO HMMD
YELLOW-BUSINESS RETAINS



COUNTY OF SAN DIEGO

EST. NUMBER H 14775

MEDICAL WASTE GENERATOR REQUIREMENTS

DATE 2/12/01

PAGE 3 OF 3

BUSINESS ADDRESS: 11011 Torreyana Rd San Diego ZIP: 92121

VIOLATION REPORT: The items checked below refer to specific section numbers of the California Health and Safety Code Sections 25100 and 117600 et. al.; the San Diego County Code of Regulatory Ordinances Sections 68.1201 et. al.; and the California Code of Regulations, Title 22 Sections 65600 et. al. and 66262.10 et. al. All violations must be corrected. Please call (619) 338-2222 or your Inspector if you have any questions.

GENERAL REQUIREMENTS:

- [] An Environmental Health Permit as a medical waste generator has not been obtained. 68.1203, 68.1204, and 117705 V4101 W
[] Unlawful disposal of untreated medical waste to an unauthorized point. 118340 V4102 W
[] Improper treatment of medical waste using an unapproved method or procedure. 118215 V4103 W
[] Medical SOLID WASTE is not stored in a locked trash receptacle or enclosure so as to deny access to unauthorized persons. 68.1202 V4104 W
[] Improper clipping or cutting of sharps waste at the point of generation. 68.1205 V4105 W
[] Medical waste was not separated from other waste at the point of origin. 118275 V4106 W
[] Generator has not maintained reusable containers/bins for medical waste storage in a clean and sanitary manner. 118295 and 118305 V4107 W
[] Storage time exceeded for frozen medical waste, e.g. greater than 90 days. 118280 V4108 W
[] Generator did not clean-up a leak or spill of medical waste in an approved manner. 118300 V4109 W
[] Generator has not secured the enclosure or designated accumulation area for medical waste containers so as to deny access to unauthorized persons. 118310 V4110 W
[] Operator did not post an approved and legible biohazardous waste "warning sign" in English and Spanish at the waste storage area(s). 118310 V4111 W
[] Generator did not store medical waste in approved and properly marked red bags (non-sharps). 118275 V4112 W
[] Did not place a label with the generator's name, address, and phone number on the outside of the red bag and/or sharps container. 68.1201 and 68.1205 V4113 W
[] Generator did not store sharps waste in approved and properly marked sharps container. 118275 V4114 W
[] Transportation of medical waste without State Hauler Registration or without a limited-quantity hauling exemption from County HMMD. 118025 V4115 W
[] Generator did not have standardized written operating procedures for a steam sterilizer available onsite. 118215 V4116 W
[] Did not have recording thermometer checked for calibration annually. 118215 V4117 W
[] Generator did not maintain records of thermometer calibration checks for at least 3 years. 118215 V4118 W
[] Operator did not use heat-sensitive tape or other approved method for each load of medical waste treated onsite. 118215 V4119 W
[] Need to use a biological indicator or other approved method at least once a month to confirm proper disinfection conditions. 118215 V4120 W
[] Must tie-off red bags to prevent leakage or expulsion of contents during handling and storage. 118280 V4121 W
[] Did not containerize and place red bags in rigid, leak resistant, and covered containers or bins. 118280 V4122 W
[] Must have waste container/bin labeled on the lid and side so as to be clearly visible. 118280 V4123 W
[] Did not tape closed or tightly-lid a full sharps container ready for disposal, to preclude loss of contents. 118285 V4124 W

SMALL QUANTITY GENERATOR REQUIREMENTS: (<200 pounds per month of waste)

- [] Medical Waste Management Plan has not been submitted to County HMMD (Annual Requirement) 68.1206 and 117935 V4025 W
[] Must maintain and show proof of "onsite" medical waste treatment records for 3 years. 118215 and 117943 V4026 W
[] Generator did not retain on file disposal receipts and/or tracking documents for waste shipped offsite for at least 2 years. 117945 V4027 W
[] Need to apply for and receive a limited-quantity hauling exemption for "self-hauled" medical waste (<20 pounds of waste per week). 118030 and 118025 V4028 W
[] Did not renew a limited-quantity hauling exemption annually. 118030 V4029 W
[] Storage time exceeded for full sharps container(s), e.g. greater than 7 days at room temperatures (for >20 pounds/month generator). 118285 V4030 W
[] Storage time exceeded for red bag waste, e.g. more than 7 days at room temperature (>20 pounds/month generator). 118280 V4031 W
[] Very small quantity generator (e.g. <20 pounds per month) improperly storing waste for greater than 30 days onsite at room temperature. 118280 V4032 W

- [] Maximum holding time exceeded for non-putrescible medical waste, e.g. greater than 180 days. 68.1203 V4033 W

LARGE QUANTITY WASTE GENERATORS: (>200 pounds of waste in a month)

- [] Medical Waste Management Plan has not been submitted to County HMMD (Annual Requirement) . 117960 and 68.1206 V4034 W
[] Must maintain and show proof of "onsite" medical waste treatment records for 3 years. 118215 and 117975 V4035 W
[] Generator did not retain on file disposal receipts and/or tracking documents for waste shipped offsite for at least 3 years. 117975 V4036 W
[] Storage time exceeded for full sharps container(s), e.g. greater than 7 days at room temperature. 118285 V4037 W
[] Storage time exceeded for red bag waste, e.g. more than 7 days at room temperature. 118280 V4038 W

PATHOLOGY WASTE AND CHEMOTHERAPY WASTE HANDLING:

- [] Did not segregate chemotherapy waste from other medical waste. 118275 V4039 W
[] Generator did not label container holding chemotherapy waste with the words "chemotherapy waste" or other approved markings on the lid and sides. 118275 V4040 W
[] Did not segregate pathology waste from other medical waste. 118275 V4041 W
[] Generator did not label container holding pathology waste with the words "pathology waste" or other approved markings on the lid and side. 118275 V4042 W
[] Unlawful disposal of pathology waste or chemotherapy waste to an unauthorized point. 118340 V4043 W

PHARMACEUTICAL WASTE HANDLING:

- [] Generator did not segregate pharmaceutical waste from other medical waste. 118275g V4044 W
[] Generator did not label container holding pharmaceutical waste with the words "incineration only" or other approved markings on the lid and side. 118275g V4045 W
[] Storage time exceeded for pharmaceutical waste, e.g. more than 90 days. (>10 pounds per calendar year generated) 118280e V4046 W
[] Very small quantity generator of pharmaceutical waste (e.g. <10 pounds waste /calendar year) improperly storing waste for longer than one year. 118280e V4047 W
[] Unlawful disposal of pharmaceutical waste to an unauthorized point. 118340 and 118222 V4048 W

ON-SITE MEDICAL WASTE TREATMENT FACILITY REQUIREMENTS:

- [] Operator has not obtained an onsite medical waste treatment permit from the County. 117950, 118130, 118155, and CCR 65620 V4049 W
[] Must maintain an updated and complete copy of the medical waste treatment permit onsite and available for review. CCR 65621(f), 65623, 118165, and 118180 V4050 W
[] Did not comply with a condition of the medical waste treatment permit issued by the County. CCR 65623 V4051 W

PHOTOCHEMICAL and HAZARDOUS WASTE MGMT. AND DISPOSAL:

- [] Illegal disposal of photoprocessing/ hazardous waste to the sewer, trash, etc. 25189.5 V4052 W
[] Generator has not maintained waste disposal records, e.g. manifests/milk-run receipts, onsite for 3 years. 66262.40 V4053 W
[] Generator has not obtained an EPA Identification Number from the State DTSC for hazardous waste generation, e.g. photoprocessing/hazardous waste. 66262.12 V4054 W
[] Generator did not properly label the container holding hazardous waste. 66262.34 V4055 W
[] Generator did not maintain the container holding hazardous waste tightly closed except when adding or removing waste. 66265.173 V4056 W
[] Generator did not submit a notification to the County prior to treating photochemical waste onsite (e.g. >10 gallons/month: tiered permitting). 25201.5 V4057 W

ESTABLISHMENT REPRESENTATIVE

DATE SIGNED 2-12-01

TITLE Assoc. EHS.

C. Hurd
3/8/01



OFFICE USE ONLY
H 14775

DATE 2/01

MEDICAL WASTE MANAGEMENT PLAN

Business Name: EDUC PHARMACEUTICALS Type of Business/Practice: BIOTECH

Site Address: 11011 TORREJANA TRD. SAN DIEGO CA. Zip: 92121 Phone: (858) 431-8500

Contact Person: RICHARD E. GRAHAM Title: Assoc. EHS

24 Hour Emergency Phone: () _____

GENERATION AND STORAGE OF BIOHAZARDOUS WASTE:

Describe below the type and quantity of biohazardous waste generated and managed at this facility. SEE SAMPLE PLAN AND ATTACHMENT FOR DEFINITION OF TERMS USED IN THIS PLAN

MEDICAL WASTE TYPE	QUANTITY (lbs/month)	STORAGE (container type)	TREATMENT METHOD	ON-SITE	OFF-SITE	HAULER NAME*
BIOHAZARDOUS WASTE Sharp Waste Needles/syringes/slides	68	SHARPS CONTAINERS	AUTOClave → COMPACTION → LANDFILL	-	X	PWN ENVIRON.
Non-sharp Waste Articles containing Fluid Blood (gauze, bandages, tubing, etc.)	0	-	-	-	-	-
Solids (cultures, lab waste, etc.)	672	BIOHAZARD BAGS	AUTOClave → COMPACTION → LANDFILL	-	X	PWN-ENVIRON
Liquids (urine, etc.)	10	VACUUM FLASKS	10% BLEACH → SEWER	X	-	-
Trace chemotherapy waste	0	-	-	-	-	-
Contaminated animal carcasses	25	PLASTIC BAGS FREEZER	INCINERATION	-	X	D+D DISPOSAL
Other	-	-	-	-	-	-
MEDICAL SOLID WASTE Gloves, empty specimen containers, gauze with dry blood, treated biohazardous waste	N/A	BIOHAZARD BAGS N/A	N/A	N/A	N/A	PWN Re 2-14-01 ENVIRON. N/A

* If applicable, attach a copy of biohazardous waste hauler contract or Limited Quantity Hauler exemption.

Biohazardous WASTE STORAGE LOCATION: [Please check the appropriate box(es)].

Biohazardous Waste: Inside establishment in secured area Outside in posted, secure area
 Medical Solid Waste: Inside establishment Outside in Locked/secured dumpster AREA.
 N/A Re 2-14-01

PERSONNEL TRAINING:

All personnel handling biohazardous waste have been trained in all aspects of this management plan. Training includes the legal definition of biohazardous waste, separation and proper storage, transportation, treatment, and disposal of biohazardous waste. Documentation for completed employee training will be kept onsite.

CERTIFICATION STATEMENT:

I certify that the above management plan is complete and accurate, and that this business will adhere to all aspects of the plan. I further understand that any violation of this plan or any applicable law or regulation may result in legal action.

Richard E. Graham
SIGNATURE OF RESPONSIBLE PERSON
RICHARD E. GRAHAM
NAME OF RESPONSIBLE PERSON (please print or type)




Assoc. EHS
TITLE
2/13/01
DATE

DISTRIBUTION: WHITE - RETURN TO HMD
YELLOW - BUSINESS RETAINS

96-HOUR ACUTE TOXICITY DATA SHEET #2
ORGANISM WEIGHT / LENGTH DATA

Date: 3-12-02		Initials: Co	
Weight (g)	Length (mm)	Weight (g)	Length (mm)
1) 0.2696	28	6) 0.4046	31
2) 0.2434	27	7) 0.3979	31
3) 0.3197	30	8) 0.2645	28
4) 0.4419	32	9) 0.3874	31
5) 0.3632	31	10) 0.2543	27
Average Weight: 0.3347		Average Length: 29.6	

NOTE: All fish taken from Rep 1 control unless otherwise noted.



MEC Analytical Systems, Inc.
Analytical Report

Client: IDEC Pharmaceuticals
Project: Hazard Analysis
Client Sample ID: #5: 30% Ethanol / 0.5 N HoAc
MEC Sample ID: C020228.0504

Date Received: 28-Feb-02
Date Test Started: 08-Mar-02
Date Test Ended: 12-Mar-02
Matrix: Liquid

California T-22 Hazardous Materials Screening Test

MEC Testing Protocol: BIO004


Polisini & Miller, 1988

Test Organism: *Pimephales promelas*

Test Concentration (ppm)	Number of Test Organisms at Start of Test	Number of Test Organisms at End of Test	Percent Mortality
0	20	20	0%
250	20	20	0%
750	20	20	0%

Acute Toxicity Statement: Sample #5: 30% Ethanol / 0.5 N HoAc produced 0 percent mortality at the 250 ppm concentration and 0 percent mortality at the 750 ppm concentration. Given this percent mortality, this sample is not considered a hazardous waste.

Protocol Deviations: The hardness (60 mg/L CaCO₃) of the water used for dilutions was above the protocol range (40-48 mg/L CaCO₃). As the hardness was not far out of range, and the conductivity was within normal limits, this deviation is not expected to have affected the results.


QA Officer

3/21/02
Date


Approved

3/22/02
Date

MEC Analytical Systems, Inc.
Analytical Report

Client: IDEC Pharmaceuticals
 Project: Hazard Analysis
 Client Sample ID: #5: 30% Ethanol / 0.5 N HoAc
 MEC Sample ID: C020228.0504

Date Received: 28-Feb-02
 Date Test Started: 08-Mar-02
 Date Test Ended: 12-Mar-02
 Matrix: Liquid

California T-22 Hazardous Materials Screening Test
 MEC Testing Protocol: BIO004
 Polisini & Miller, 1988

Test Organism: *Pimephales promelas*

Test Solution Physical and Chemical Data

Analyte:	Alkalinity as CaCO ₃	Conductivity	Dissolved Oxygen	Hardness as CaCO ₃	pH
EPA Method:	310.1	120.1	360.1	130.2	150.1
Method Reporting Limit:	2 mg/L	0.02 mS/cm	1% sat.	5 mg/L	---

Concentration (ppm)	Hardness (mg/L CaCO ₃)		Alkalinity (mg/L CaCO ₃)	
	Initial	Final	Initial	Final
0	60	56	46	46
250				
750	60	64	38	40

Concentration (ppm)	Statistic	D.O. (%)	Temp. (°C)	Conductivity (mS/cm)	pH
0	Mean	93	18.9	0.18	7.6
	Minimum	84	18.3	0.17	7.3
	Maximum	101	19.7	0.19	7.9
250	Mean	90	19.2	0.18	7.2
	Minimum	84	18.7	0.17	6.9
	Maximum	102	19.7	0.18	7.6
750	Mean	88	18.8	0.18	6.9
	Minimum	79	18.6	0.17	6.7
	Maximum	102	19.0	0.19	7.4

MEC Analytical Systems, Inc.
Analytical Report

Client:	IDEC Pharmaceuticals	Date Received:	28-Feb-02
Project:	Hazard Analysis	Date Test Started:	08-Mar-02
Client Sample ID:	#5: 30% Ethanol / 0.5 N HoAc	Date Test Ended:	12-Mar-02
MEC Sample ID:	C020228.0504	Matrix:	Liquid

Appendix
Pertinent Test Data

TEST: California T-22 Hazardous Materials Screening Test, MEC Testing Protocol: BIO004, Polisini & Miller, 1988

DILUTION WATER: Reconstituted Soft Water

Dissolved Oxygen	99 % Saturation
Temperature	18.6°C
pH	7.9
Hardness	60 mg/L CaCO ₃
Alkalinity	46 mg/L CaCO ₃

TEST ORGANISM: Juvenile Fathead Minnow, *Pimephales promelas*, purchased from Thomas Fish Co; 7 days acclimation at 20°C; fed "Tetra Min"; 0.33465 g average weight; 29.6 mm average length.

TEST CHAMBER: 22-L aquaria, 2 replicate samples at 250 and 750 ppm, and 2 replicate controls, brought to a final volume of 10000 mL, for a >14 cm depth.

EXPERIMENTAL DESIGN:

1. A sample was collected at 1300 hours on February 27, 2002. The sample was picked up by an MEC courier on February 28, 2002 at 0830 and delivered to the laboratory at 1005 hours the same day.
2. The test substance was shaken mechanically for 6 hours prior to test initiation and rinsed into the test chamber with dilution water for final concentrations of 250 and 750 ppm.
3. Ten test organisms were placed in each aquarium. The ratio of grams of fish to liters of bioassay test solution was 0.33 g/L.
4. Test chambers were randomized and held at 20 ± 2 °C for 96 hours with a photoperiod of 16 hours light: 8 hours darkness.

MORTALITY CRITERIA: Lack of respiratory movement and lack of reaction to gentle prodding

ACCEPTABILITY CRITERIA: ≥ 90% survival in controls.

REFERENCE TOXICITY: Toxicant: CuSO₄, Lot No. 1110-01, Received 7/13/01, Opened 7/13/01, Expires 4/20/03.
(Control Chart Included)

96 Hour LC50:	253.36 ppb	
Laboratory Mean:	198.84 ppb	
Test Date:	03/13/2002	Within 95 % Confidence Limits

STUDY DIRECTOR: C. Osuch

INVESTIGATORS: C. Osuch, A. Margolis, B. Hester, M.A. Irwin

CLIENT: Tdec Pharmaceuticals
PROJECT: Hazard Analysis
CLIENT SAMPLE ID: 309, ethanol / 5NHOAC
MEC SAMPLE ID: C020228.05
STUDY DIRECTOR: CW

DATE RECEIVED: 2/28/02
DATE TEST STARTED: 3/8/02
DATE TEST ENDED: 3/12/02
MEC SOP NO.: BIO004
SPECIES: P.promelas
NO. ORGANISMS PER CHAMBER: 10

	Concentration	DO (%)		Temp (°C)		Conduct.		pH		Hardness (mg/L CaCO ₃)	Alkalinity (mg/L CaCO ₃)
		1	2	1	2	1	2	1	2		
Day 0 (0 Hours)	CONTROL	99	101	18.6	19.2	0.17	0.17	7.9	7.9	60	46
Date: 3/8/02	250 ppm	102	101	19.2	18.7	0.17	0.17	7.3	7.3		
Time: 1535	750 ppm	101	102	18.7	18.6	0.17	0.17	6.8	6.7	60	38
Technician: AMM											
24 Hours	CONTROL	91	94	18.3	19.5	0.17	0.17	7.4	7.4		
Date: 3/9/02	250 ppm	90	90	19.5	19.0	0.18	0.18	7.1	7.1		
Time: 1345	750 ppm	89	92	18.9	18.8	0.17	0.17	6.9	6.9		
Technician: PAI											
48 Hours	CONTROL	86	93	18.5	19.7	0.18	0.18	7.3	7.4		
Date: 3/10/02	250 ppm	88	84	19.7	19.2	0.18	0.18	7.0	6.9		
Time: 1530	750 ppm	80	88	19.0	18.9	0.18	0.18	6.7	6.8		
Technician: BH											
72 Hours	CONTROL	87	96	18.3	19.4	0.18	0.18	7.3	7.4		
Date: 3/11/02	250 ppm	87	86	19.5	19.0	0.18	0.18	7.0	7.0		
Time: 1140	750 ppm	82	87	18.9	18.9	0.18	0.18	6.8	6.8		
Technician: CW											
96 Hours	CONTROL	84	95	18.5	19.4	0.19	0.18	7.7	7.8	56	46
Date: 3/12/02	250 ppm	86	85	19.5	19.1	0.18	0.18	7.5	7.6		
Time: 1035	750 ppm	79	84	18.8	18.9	0.18	0.19	7.3	7.4	64	40
Technician: AMM											

SURVIVAL	Concentration	No. Alive R1	No. Dead R1	No. Alive R2	No. Dead R2
24 Hours	CONTROL	10	0	10	0
Date: 3/9/02	250 ppm	10	0	10	0
Time: 1415	750 ppm	10	0	10	0
Technician: AMM					
48 Hours	CONTROL	10	0	10	0
Date: 3/10/02	250 ppm	10	0	10	0
Time: 1545	750 ppm	10	0	10	0
Technician: BH					
72 Hours	CONTROL	10	0	10	0
Date: 3/11/02	250 ppm	10	0	10	0
Time: 1155	750 ppm	10	0	10	0
Technician: CW					
96 Hours	CONTROL	10	0	10	0
Date: 3/12/02	250 ppm	10	0	10	0
Time: 1608	750 ppm	10	0	10	0
Technician: CW					



START TIME: 1730
END TIME: 1608
ORGANISM BATCH: TF 6399
HOBO TEMP. NO.: 1974
TEST LOCATION: Room 2

DILUTION WATER BATCH: FW552		
pH: 7.9	DO: 99	TEMP.: 18.6
REF. TOX.: L010713.50	LOT NO.: 1110-01	
96-HR LC50: 253.36 ppb	TEST DATE: 3.13.02	
TEST ACCEPTABILITY: <input checked="" type="checkbox"/> 90% SURVIVAL IN CONTROL		
HAZARDOUS WASTE PASSING CRITERION IS <40% MORTALITY AT 750 PPM: <input checked="" type="checkbox"/> PASS <input type="checkbox"/> NO PASS		

96-HOUR ACUTE TOXICITY DATA SHEET #2
ORGANISM WEIGHT / LENGTH DATA

Date: 3.12.02		Initials: CS	
Weight (g)	Length (mm)	Weight (g)	Length (mm)
1) 0.2696	28	6) 0.4046	31
2) 0.2434	27	7) 0.3979	31
3) 0.3197	30	8) 0.2645	28
4) 0.4419	32	9) 0.3874	31
5) 0.3632	31	10) 0.2543	27
Average Weight: 0.3347		Average Length: 29.6	

NOTE: All fish taken from Rep 1 control unless otherwise noted.





Paul Norris

04/01/02 09:56 AM

To: Brenda Sipes/mfg/idecpharm/US@idecpharm
cc:
Subject: Need for Training Space for Manufacturing

FYI. We may only be partially successful in deflecting these training operations to Science Park.

----- Forwarded by Paul Norris/mfg/idecpharm/US on 04/01/02 09:55 AM -----



Mary Schwalen

03/12/02 09:57 AM

To: Paul Norris/mfg/idecpharm/US@idecpharm
cc: David Broad/mfg/idecpharm/US@idecpharm, Jami
Palumbo/prd/idecpharm/US@idecpharm, Phyllis
Balan/prd/idecpharm/US@idecpharm, Lisa
Fox/prd/idecpharm/US@idecpharm
Subject: Need for Training Space for Manufacturing

Manufacturing needs a reserved training space for two types of training in the next two years for training for NICO and NIMO.

1. A 3-1/2 day *Manufacturing New Hire Orientation*. Bi-monthly in 2002 and monthly in 2003 and 2004. The group size will range from 5-12. The Manufacturing Orientation will begin on Monday afternoons (after the company HR orientation that new hires attend) and complete on Thursday afternoons. The first one is the week of March 25 (scheduled for SP 1502). Subsequent sessions will be approximately the first week of June, August, October and December.

2. We will also need a small classroom for about an hour a day, 2-3 days/week for Core Skills Training sessions starting in fall of 2002 and through 2004. The Core Skills training will be hands on in CSM (after NICO moves to Oceanside) but involve some short classroom presentations and require a space to take tests and review documentation. Space in Torreyana close to Production would be best to minimize lost time moving between the classroom and CSM. The group size will range from 4-6.

We had thought that the training room in Trade Services would be available to use starting in April. Please discuss with the new residents of Trade Services whether reserving the room from Monday afternoon through Thursdays for the Manufacturing New Hire Orientation would work for them. And keep in mind the need for the end of the year for a space for Core Skills Training.

Thanks,
Mary

MEC Analytical Systems, Inc.
Analytical Report

Client: IDEC Pharmaceuticals Date Received: 28-Feb-02
Project: Hazard Analysis Date Test Started: 08-Mar-02
Client Sample ID: #6: 0.5 M NaCl / 10 mM EDTA / 50 mM Tris Date Test Ended: 12-Mar-02
MEC Sample ID: C020228.0604 Matrix: Liquid

California T-22 Hazardous Materials Screening Test
MEC Testing Protocol: BIO004
Polisini & Miller, 1988

Test Organism: *Pimephales promelas*

Test Concentration (ppm)	Number of Test Organisms at Start of Test	Number of Test Organisms at End of Test	Percent Mortality
0	20	20	0%
250	20	20	0%
750	20	20	0%

Acute Toxicity Statement: Sample #6: 0.5 M NaCl / 10 mM EDTA / 50 mM Tris produced 0 percent mortality at the 250 ppm concentration and 0 percent mortality at the 750 ppm concentration. Given this percent mortality, this sample is not considered a hazardous waste.

Protocol Deviations: The hardness (60 mg/L CaCO₃) of the water used for dilutions was above the protocol range (40-48 mg/L CaCO₃). As the hardness was not far out of range, and the conductivity was within normal limits, this deviation is not expected to have affected the results.

Lin Craft 3-21-02 *[Signature]* *3/22/02*
QA Officer Date Approved Date

MEC Analytical Systems, Inc.
Analytical Report

Client:	IDEC Pharmaceuticals	Date Received:	28-Feb-02
Project:	Hazard Analysis	Date Test Started:	08-Mar-02
Client Sample ID:	#6: 0.5 M NaCl / 10 mM EDTA / 50 mM Tris	Date Test Ended:	12-Mar-02
MEC Sample ID:	C020228.0604	Matrix:	Liquid

California T-22 Hazardous Materials Screening Test
MEC Testing Protocol: BIO004
Polisini & Miller, 1988

Test Organism: *Pimephales promelas*

Test Solution Physical and Chemical Data

Analyte:	Alkalinity as CaCO ₃	Conductivity	Dissolved Oxygen	Hardness as CaCO ₃	pH
EPA Method:	310.1	120.1	360.1	130.2	150.1
Method Reporting Limit:	2 mg/L	0.02 mS/cm	1% sat.	5 mg/L	---

Concentration (ppm)	Hardness (mg/L CaCO ₃)		Alkalinity (mg/L CaCO ₃)	
	Initial	Final	Initial	Final
0	60	56	46	46
250				
750	64	60	48	48

Concentration (ppm)	Statistic	D.O. (%)	Temp. (°C)	Conductivity (mS/cm)	pH
0	Mean	93	18.9	0.18	7.6
	Minimum	84	18.3	0.17	7.3
	Maximum	101	19.7	0.19	7.9
250	Mean	96	19.3	0.20	7.5
	Minimum	92	18.9	0.19	7.2
	Maximum	103	19.6	0.20	7.9
750	Mean	90	19.4	0.22	7.4
	Minimum	79	19.0	0.21	6.9
	Maximum	102	20.0	0.23	7.9

MEC Analytical Systems, Inc.
Analytical Report

Client: IDEC Pharmaceuticals Date Received: 28-Feb-02
Project: Hazard Analysis Date Test Started: 08-Mar-02
Client Sample ID: #6: 0.5 M NaCl / 10 mM EDTA / 50 mM Tris Date Test Ended: 12-Mar-02
MEC Sample ID: C020228.0604 Matrix: Liquid

Appendix
Pertinent Test Data

TEST: California T-22 Hazardous Materials Screening Test, MEC Testing Protocol:
BIO004, Polisini & Miller, 1988

DILUTION WATER: Reconstituted Soft Water

Dissolved Oxygen	99 % Saturation
Temperature	18.6°C
pH	7.9
Hardness	60 mg/L CaCO ₃
Alkalinity	46 mg/L CaCO ₃

TEST ORGANISM: Juvenile Fathead Minnow, *Pimephales promelas*, purchased from
Thomas Fish Co; 7 days acclimation at 20°C; fed "Tetra Min";
0.33465 g average weight; 29.6 mm average length.

TEST CHAMBER: 22-L aquaria, 2 replicate samples at 250 and 750 ppm, and 2 replicate controls,
brought to a final volume of 10000 mL, for a >14 cm depth.

EXPERIMENTAL DESIGN:

1. A sample was collected at 1300 hours on February 27, 2002. The sample was picked up by an MEC courier on February 28, 2002 at 0830 and delivered to the laboratory at 1005 hours the same day.
2. The test substance was shaken mechanically for 6 hours prior to test initiation and rinsed into the test chamber with dilution water for final concentrations of 250 and 750 ppm.
3. Ten test organisms were placed in each aquarium. The ratio of grams of fish to liters of bioassay test solution was 0.33 g/L.
4. Test chambers were randomized and held at 20 ± 2 °C for 96 hours with a photoperiod of 16 hours light: 8 hours darkness.

MORTALITY CRITERIA: Lack of respiratory movement and lack of reaction to gentle prodding

ACCEPTABILITY CRITERIA: ≥ 90% survival in controls.

REFERENCE TOXICITY: Toxicant: CuSO₄, Lot No. 1110-01, Received 7/13/01, Opened 7/13/01, Expires
(Control Chart Included) 4/20/03.

96 Hour LC50:	253.36 ppb	
Laboratory Mean:	198.84 ppb	
Test Date:	03/13/2002	Within 95 % Confidence Limits

STUDY DIRECTOR: C. Osuch

INVESTIGATORS: C. Osuch, A. Margolis, B. Hester, M.A. Irwin



**96 Hour Fathead Minnow (Juvenile)
Reference Toxicant Test**

Test ID: <i>C01071380</i>	Replicates: 2	Study Director: <i>AM</i>	Location: <i>rm 1 bath 2</i>			
Dilution Water Batch: <i>-W552</i>	Organism Batch: <i>AT 1797</i>	Associated Test(s): <i>PWT/C. Perdleton</i>	No. of Organisms: 10			
Toxicant: <i>Copper Sulfate (0.509gCu/LCuSO₄)</i>	Date Prepared: <i>3.13.02</i>	Initials: <i>CS</i>				
Target Concentrations: <i>560, 280, 140, 70, 35ppb</i>	Quantity of Stock:		Quantity of Diluent:			
	Target	Actual		Target	Actual	
		R1	R2	R1	R2	
560 ppb	4.4 mL	4.400	4.400	4 L	4.0	4.0
280 ppb	2.2 mL	2.200	2.200	4 L	4.0	4.0
140 ppb	1.1 mL	1.100	1.100	4 L	4.0	4.0
70 ppb	0.55 mL	0.551	0.550	4 L	4.0	4.0
35 ppb	0.275 mL	0.275	0.276	4 L	4.0	4.0
0 Hours Date: <i>3.13.02</i> WQ Time: <i>1720</i> Start Time: <i>1805</i> Initials: <i>CS</i>						
STOCK						
	Control	35	70	140	280	560
D.O. (%)	99	98	97	98	98	98
Temperature	20.7	20.9	20.4	20.6	20.5	20.6
Conductivity	0.27	0.27	0.27	0.27	0.27	0.27
PH	8.1	8.1	8.1	8.1	8.0	7.9
24 Hours Date: <i>3.14.02</i> Time: <i>1020</i> Initials: <i>CS</i>						
	Control	35	70	140	280	560
No. Alive Rep 1	10	10	10	10	10	2 (8)
No. Alive Rep 2	10	10	10	9 (1)	8 (2)	2 (8)
48 Hours Date: <i>3/15/02</i> Time: <i>1530</i> Initials: <i>AM</i>						
	Control	35	70	140	280	560
No. Alive Rep 1	10	10	10	9 (1)	10	10 (10)
No. Alive Rep 2	10	10	10	9	5 (3)	1 (1)

OTE 3/15/02 AM



**96 Hour Fathead Minnow (Juvenile)
Reference Toxicant Test**

72 Hours		Date: 3/16/02	Time: 1545	Initials: AM		
	Control	35	70	140	280	560
No. Alive Rep 1	10	10	10	8(1)	10	1
No. Alive Rep 2	10	10	9(1)	7(2)	3(2)	1
96 Hours		Date: 3/17/02	WQ Time: 1430	Replicate: 1	Initials: AM	
STOCK						
	Control	35	70	140	280	560
D.O#(%)	88	94	93	95	95	98
Temperature	19.4	19.9	19.5	19.9	19.5	19.6
Conductivity	0.27	0.27	0.26	0.27	0.27	0.27
pH	7.8	7.8	7.8	7.9	7.9	8.0
96 Hour Survival Data		End Time: 1640			Initials: AM	
	Control	35	70	140	280	560
No. Alive Rep 1	10	10	10	8	9(1)	1
No. Alive Rep 2	9(1)	9(1)	9	6(1)	2(1)	0(1)

Pass

Fail

Notes:

MEC Analytical Systems, Inc.
Analytical Report

Client: IDEC Pharmaceuticals
 Project: Hazard Analysis
 Client Sample ID: #3: 1 M Glycine / 150 mM NaCl
 MEC Sample ID: C020228.0304

Date Received: 28-Feb-02
 Date Test Started: 08-Mar-02
 Date Test Ended: 12-Mar-02
 Matrix: Liquid

California T-22 Hazardous Materials Screening Test
 MEC Testing Protocol: BIO004
 Polisini & Miller, 1988

Test Organism: *Pimephales promelas*

Test Solution Physical and Chemical Data

Analyte:	Alkalinity as CaCO ₃	Conductivity	Dissolved Oxygen	Hardness as CaCO ₃	pH
EPA Method:	310.1	120.1	360.1	130.2	150.1
Method Reporting Limit:	2 mg/L	0.02 mS/cm	1% sat.	5 mg/L	---

Concentration (ppm)	Hardness (mg/L CaCO ₃)		Alkalinity (mg/L CaCO ₃)	
	Initial	Final	Initial	Final
0	60	56	46	46
250				
750	72	60	50	52

Concentration (ppm)	Statistic	D.O. (%)	Temp. (°C)	Conductivity (mS/cm)	pH
0	Mean	93	18.9	0.18	7.6
	Minimum	84	18.3	0.17	7.3
	Maximum	101	19.7	0.19	7.9
250	Mean	94	19.5	0.19	7.5
	Minimum	85	18.8	0.18	7.1
	Maximum	102	20.3	0.19	8.1
750	Mean	95	19.2	0.19	7.6
	Minimum	91	18.6	0.18	7.2
	Maximum	101	19.9	0.20	8.4

MEC Analytical Systems, Inc.
Analytical Report

Client: IDEC Pharmaceuticals Date Received: 28-Feb-02
Project: Hazard Analysis Date Test Started: 08-Mar-02
Client Sample ID: #3: 1 M Glycine / 150 mM NaCl Date Test Ended: 12-Mar-02
MEC Sample ID: C020228.0304 Matrix: Liquid

Appendix
Pertinent Test Data

TEST: California T-22 Hazardous Materials Screening Test, MEC Testing Protocol:
BIO004, Polisini & Miller, 1988

DILUTION WATER: Reconstituted Soft Water

Dissolved Oxygen	99 % Saturation
Temperature	18.6°C
pH	7.9
Hardness	60 mg/L CaCO ₃
Alkalinity	46 mg/L CaCO ₃

TEST ORGANISM: Juvenile Fathead Minnow, *Pimephales promelas*, purchased from
Thomas Fish Co; 7 days acclimation at 20°C; fed "Tetra Min";
0.33465 g average weight; 29.6 mm average length.

TEST CHAMBER: 22-L aquaria, 2 replicate samples at 250 and 750 ppm, and 2 replicate
controls, brought to a final volume of 10000 mL, for a >14 cm depth.

EXPERIMENTAL DESIGN:

1. A sample was collected at 1300 hours on February 27, 2002. The sample was picked up by an MEC courier on February 28, 2002 at 0830 and delivered to the laboratory at 1005 hours the same day.
2. The test substance was shaken mechanically for 6 hours prior to test initiation and rinsed into the test chamber with dilution water for final concentrations of 250 and 750 ppm.
3. Ten test organisms were placed in each aquarium. The ratio of grams of fish to liters of bioassay test solution was 0.33 g/L.
4. Test chambers were randomized and held at 20 ± 2 °C for 96 hours with a photoperiod of 16 hours light: 8 hours darkness.

MORTALITY CRITERIA: Lack of respiratory movement and lack of reaction to gentle prodding

ACCEPTABILITY CRITERIA: ≥ 90% survival in controls.

REFERENCE TOXICITY: Toxicant: CuSO₄, Lot No. 1110-01, Received 7/13/01, Opened 7/13/01,
(Control Chart Included) Expires 4/20/03.
96 Hour LC50: 253.36 ppb
Laboratory Mean: 198.84 ppb
Test Date: 03/13/2002 Within 95 % Confidence Limits

STUDY DIRECTOR: C. Osuch

INVESTIGATORS: C. Osuch, A. Margolis, B. Hester, M.A. Irwin

CLIENT: Idec Pharmaceuticals
 PROJECT: Hazard Analysis
 CLIENT SAMPLE ID: 30% Ethanol / 1.5N HOAC
 MEC SAMPLE ID: C020228.05
 STUDY DIRECTOR: CO

DATE RECEIVED: 2/28/02
 DATE TEST STARTED: 3/8/02
 DATE TEST ENDED: 3/12/02
 MEC SOP NO.: BIO0004
 SPECIES: P. promelas
 NO. ORGANISMS PER CHAMBER: 10

	Concentration	DO (%)		Temp (°C)		Conduct.		pH		Hardness (mg/L CaCO ₃)	Alkalinity (mg/L CaCO ₃)
		Replicate	1	2	1	2	1	2	1		
Day 0 (0 Hours) Date: <u>3/8/02</u> Time: <u>1555</u> Technician: <u>AMM</u>	CONTROL	99	101	18.6	19.2	0.17	0.17	7.9	7.9	60	46
	250 ppm	102	101	19.2	18.7	0.17	0.17	7.3	7.3		
	750 ppm	101	102	18.7	18.6	0.17	0.17	6.8	6.7	60	38
24 Hours Date: <u>3/9/02</u> Time: <u>1345</u> Technician: <u>MAI</u>	CONTROL	91	94	18.3	19.5	0.17	0.17	7.4	7.4		
	250 ppm	90	90	19.5	19.0	0.18	0.18	7.1	7.1		
	750 ppm	89	92	18.9	18.8	0.17	0.17	6.9	6.9		
48 Hours Date: <u>3/10/02</u> Time: <u>1530</u> Technician: <u>BH</u>	CONTROL	86	93	18.5	19.7	0.18	0.18	7.3	7.4		
	250 ppm	88	84	19.7	19.2	0.18	0.18	7.0	6.9		
	750 ppm	80	88	19.0	18.9	0.18	0.18	6.7	6.8		
72 Hours Date: <u>3/11/02</u> Time: <u>1140</u> Technician: <u>CS</u>	CONTROL	87	96	18.3	19.4	0.18	0.18	7.3	7.4		
	250 ppm	87	86	19.5	19.0	0.18	0.18	7.0	7.0		
	750 ppm	82	87	18.9	18.9	0.18	0.18	6.8	6.8		
96 Hours Date: <u>3/12/02</u> Time: <u>1035</u> Technician: <u>AMM</u>	CONTROL	84	95	18.5	19.4	0.18	0.18	7.7	7.8	56	46
	250 ppm	86	85	19.5	19.1	0.18	0.18	7.5	7.6		
	750 ppm	79	84	18.8	18.9	0.18	0.19	7.3	7.4	64	40

SURVIVAL	Concentration	No. Alive R1	No. Dead R1	No. Alive R2	No. Dead R2
24 Hours Date: <u>3/9/02</u> Time: <u>1415</u> Technician: <u>MM</u>	CONTROL	10	0	10	0
	250 ppm	10	0	10	0
	750 ppm	10	0	10	0
48 Hours Date: <u>3/10/02</u> Time: <u>1545</u> Technician: <u>BH</u>	CONTROL	10	0	10	0
	250 ppm	10	0	10	0
	750 ppm	10	0	10	0
72 Hours Date: <u>3/11/02</u> Time: <u>1155</u> Technician: <u>CS</u>	CONTROL	10	0	10	0
	250 ppm	10	0	10	0
	750 ppm	10	0	10	0
96 Hours Date: <u>3/12/02</u> Time: <u>1608</u> Technician: <u>CS</u>	CONTROL	10	0	10	0
	250 ppm	10	0	10	0
	750 ppm	10	0	10	0

START TIME: 1738
 END TIME: 1608
 ORGANISM BATCH: TF 6399
 HOBO TEMP. NO.: 1974
 TEST LOCATION: Room 2

DILUTION WATER BATCH: FW552
 pH: 7.9 DO: 99 TEMP.: 18.6
 REF. TOX.: L010713.50 LOT NO.: 1110-01
 96-HR LC50: 253.36 ppb TEST DATE: 3.13.02
 TEST ACCEPTABILITY: 90% SURVIVAL IN CONTROL
 HAZARDOUS WASTE PASSING CRITERION IS <40% MORTALITY AT 750 PPM: PASS NO PASS

96-HOUR ACUTE TOXICITY DATA SHEET #2
 ORGANISM WEIGHT / LENGTH DATA

Date: 3.12.02		Initials: Co	
Weight (g)	Length (mm)	Weight (g)	Length (mm)
1) 0.2696	28	6) 0.4046	31
2) 0.2434	27	7) 0.3979	31
3) 0.3197	30	8) 0.2645	28
4) 0.4419	32	9) 0.3874	31
5) 0.3632	31	10) 0.2543	27
Average Weight: 0.3347		Average Length: 29.6	

NOTE: All fish taken from Rep 1 control unless otherwise noted.

MEC Analytical Systems, Inc.
Analytical Report

Client: IDEC Pharmaceuticals
Project: Hazard Analysis
Client Sample ID: #4: 1% Phosphoric Acid
MEC Sample ID: C020228.0404

Date Received: 28-Feb-02
Date Test Started: 08-Mar-02
Date Test Ended: 12-Mar-02
Matrix: Liquid

California T-22 Hazardous Materials Screening Test
MEC Testing Protocol: BIO004
Polisini & Miller, 1988

Test Organism: *Pimephales promelas*

Test Concentration (ppm)	Number of Test Organisms at Start of Test	Number of Test Organisms at End of Test	Percent Mortality
0	20	20	0%
250	20	20	0%
750	20	20	0%

Acute Toxicity Statement: Sample #4: 1% Phosphoric Acid produced 0 percent mortality at the 250 ppm concentration and 0 percent mortality at the 750 ppm concentration. Given this percent mortality, this sample is not considered a hazardous waste.

Protocol Deviations: The hardness (60 mg/L CaCO₃) of the water used for dilutions was above the protocol range (40-48 mg/L CaCO₃). As the hardness was not far out of range, and the conductivity was within normal limits, this deviation is not expected to have affected the results.


QA Officer

3/21/02
Date


Approved

3/22/02
Date

MEC Analytical Systems, Inc.
Analytical Report

Client: IDEC Pharmaceuticals
 Project: Hazard Analysis
 Client Sample ID: #4: 1% Phosphoric Acid
 MEC Sample ID: C020228.0404

Date Received: 28-Feb-02
 Date Test Started: 08-Mar-02
 Date Test Ended: 12-Mar-02
 Matrix: Liquid

California T-22 Hazardous Materials Screening Test
 MEC Testing Protocol: BIO004
 Polisini & Miller, 1988

Test Organism: *Pimephales promelas*

Test Solution Physical and Chemical Data

Analyte:	Alkalinity as CaCO ₃	Conductivity	Dissolved Oxygen	Hardness as CaCO ₃	pH
EPA Method:	310.1	120.1	360.1	130.2	150.1
Method Reporting Limit:	2 mg/L	0.02 mS/cm	1% sat.	5 mg/L	---

Concentration (ppm)	Hardness (mg/L CaCO ₃)		Alkalinity (mg/L CaCO ₃)	
	Initial	Final	Initial	Final
0	60	56	46	46
250				
750	56	60	44	44

Concentration (ppm)	Statistic	D.O. (%)	Temp. (°C)	Conductivity (mS/cm)	pH
0	Mean	93	18.9	0.18	7.6
	Minimum	84	18.3	0.17	7.3
	Maximum	101	19.7	0.19	7.9
250	Mean	93	18.9	0.18	7.4
	Minimum	84	18.4	0.17	7.0
	Maximum	103	19.6	0.19	7.7
750	Mean	91	18.9	0.18	7.2
	Minimum	86	18.5	0.17	6.9
	Maximum	101	19.1	0.18	7.5

MEC Analytical Systems, Inc.
Analytical Report

Client:	IDEC Pharmaceuticals	Date Received:	28-Feb-02
Project:	Hazard Analysis	Date Test Started:	08-Mar-02
Client Sample ID:	#4: 1% Phosphoric Acid	Date Test Ended:	12-Mar-02
MEC Sample ID:	C020228.0404	Matrix:	Liquid

Appendix
Pertinent Test Data

TEST: California T-22 Hazardous Materials Screening Test, MEC Testing Protocol: BIO004, Polisini & Miller, 1988

DILUTION WATER: Reconstituted Soft Water

Dissolved Oxygen	99 % Saturation
Temperature	18.6°C
pH	7.9
Hardness	60 mg/L CaCO ₃
Alkalinity	46 mg/L CaCO ₃

TEST ORGANISM: Juvenile Fathead Minnow, *Pimephales promelas*, purchased from Thomas Fish Co; 7 days acclimation at 20°C; fed "Tetra Min"; 0.33465 g average weight; 29.6 mm average length.

TEST CHAMBER: 22-L aquaria, 2 replicate samples at 250 and 750 ppm, and 2 replicate controls, brought to a final volume of 10000 mL, for a >14 cm depth.

EXPERIMENTAL DESIGN:

1. A sample was collected at 1300 hours on February 27, 2002. The sample was picked up by an MEC courier on February 28, 2002 at 0830 and delivered to the laboratory at 1005 hours the same day.
2. The test substance was shaken mechanically for 6 hours prior to test initiation and rinsed into the test chamber with dilution water for final concentrations of 250 and 750 ppm.
3. Ten test organisms were placed in each aquarium. The ratio of grams of fish to liters of bioassay test solution was 0.33 g/L.
4. Test chambers were randomized and held at 20 ± 2 °C for 96 hours with a photoperiod of 16 hours light: 8 hours darkness.

MORTALITY CRITERIA: Lack of respiratory movement and lack of reaction to gentle prodding

ACCEPTABILITY CRITERIA: ≥ 90% survival in controls.

REFERENCE TOXICITY:
(Control Chart Included)

Toxicant:	CuSO ₄ , Lot No. 1110-01, Received 7/13/01, Opened 7/13/01, Expires 4/20/03.	
96 Hour LC50:	253.36 ppb	
Laboratory Mean:	198.84 ppb	
Test Date:	03/13/2002	Within 95 % Confidence Limits

STUDY DIRECTOR: C. Osuch

INVESTIGATORS: C. Osuch, A. Margolis, B. Hester, M.A. Irwin

CLIENT: <u>Idec Pharmaceuticals</u>
PROJECT: <u>Hazard Analysis</u>
CLIENT SAMPLE ID: <u>C020228.04</u>
MEC SAMPLE ID: <u>19. phosphonic acid</u>
STUDY DIRECTOR: <u>CO</u>

DATE RECEIVED: <u>2/28/02</u>
DATE TEST STARTED: <u>3.8.02</u>
DATE TEST ENDED: <u>3.12.02</u>
MEC SOP NO.: <u>BIO0004</u>
SPECIES: <u>P. promelas</u>
NO. ORGANISMS PER CHAMBER: <u>10</u>

	Concentration	DO (%)		Temp (°C)		Conduct.		pH		Hardness (mg/L CaCO ₃)	Alkalinity (mg/L CaCO ₃)
		1	2	1	2	1	2	1	2		
Day 0 (0 Hours) Date: <u>3/8/02</u> Time: <u>1540</u> Technician: <u>AM</u>	CONTROL	99	101	18.6	19.2	0.17	0.17	7.9	7.9	60	46
	250 ppm	103	101	18.6	18.5	0.17	0.17	7.7	7.7		
	750 ppm	101	101	18.5	18.7	0.17	0.17	7.3	7.2	56	44
24 Hours Date: <u>3.9.02</u> Time: <u>1340</u> Technician: <u>MM</u>	CONTROL	91	94	18.3	19.5	0.17	0.17	7.4	7.4		
	250 ppm	92	93	19.3	18.4	0.17	0.17	7.2	7.3		
	750 ppm	91	90	18.8	18.9	0.17	0.17	7.1	7.0		
48 Hours Date: <u>3.10.02</u> Time: <u>1520</u> Technician: <u>BH</u>	CONTROL	86	93	18.5	19.7	0.18	0.18	7.3	7.4		
	250 ppm	96	85	19.5	18.6	0.18	0.18	7.2	7.0		
	750 ppm	88	86	19.1	19.0	0.18	0.18	7.0	6.9		
72 Hours Date: <u>3.11.02</u> Time: <u>1130</u> Technician: <u>CR</u>	CONTROL	87	96	18.3	19.4	0.18	0.18	7.3	7.4		
	250 ppm	96	87	19.6	18.5	0.18	0.18	7.3	7.1		
	750 ppm	89	90	18.9	18.9	0.18	0.18	7.0	7.0		
96 Hours Date: <u>3/12/02</u> Time: <u>1030</u> Technician: <u>AM</u>	CONTROL	84	95	18.5	19.4	0.19	0.18	7.7	7.8	56	46
	250 ppm	94	84	19.2	18.5	0.18	0.19	7.7	7.6		
	750 ppm	88	88	18.9	18.9	0.18	0.18	7.5	7.5	60	44

SURVIVAL	Concentration	No. Alive R1	No. Dead R1	No. Alive R2	No. Dead R2
24 Hours Date: <u>3.9.02</u> Time: <u>1445</u> Technician: <u>MM</u>	CONTROL	10	0	10	0
	250 ppm	10	0	10	0
	750 ppm	10	0	10	0
48 Hours Date: <u>3.10.02</u> Time: <u>1545</u> Technician: <u>BH</u>	CONTROL	10	0	10	0
	250 ppm	10	0	10	0
	750 ppm	10	0	10	0
72 Hours Date: <u>3.11.02</u> Time: <u>1155</u> Technician: <u>CR</u>	CONTROL	10	0	10	0
	250 ppm	10	0	10	0
	750 ppm	10	0	10	0
96 Hours Date: <u>3.12.02</u> Time: <u>1605</u> Technician: <u>CR</u>	CONTROL	10	0	10	0
	250 ppm	10	0	10	0
	750 ppm	10	0	10	0

START TIME: <u>1725</u>
END TIME: <u>1605</u>
ORGANISM BATCH: <u>TF6399</u>
HOBO TEMP. NO.: <u>1974</u>
TEST LOCATION: <u>Rom2</u>

DILUTION WATER BATCH: <u>FW552</u>
pH: <u>7.9</u> DO: <u>99</u> TEMP: <u>18.6</u>
REF. TOX.: <u>1010713.80</u> LOT NO.: <u>1110-d</u>
96-HR LC50: <u>253.36ppb</u> TEST DATE: <u>3.13.02</u>
TEST ACCEPTABILITY: <input checked="" type="checkbox"/> 90% SURVIVAL IN CONTROL
HAZARDOUS WASTE PASSING CRITERION IS <40% MORTALITY AT 750 PPM: <input checked="" type="checkbox"/> PASS <input type="checkbox"/> NO PASS

MEC Analytical Systems, Inc.
Analytical Report

Client: IDEC Pharmaceuticals
Project: Hazard Analysis
Client Sample ID: #3: 1 M Glycine / 150 mM NaCl
MEC Sample ID: C020228.0304

Date Received: 28-Feb-02
Date Test Started: 08-Mar-02
Date Test Ended: 12-Mar-02
Matrix: Liquid

California T-22 Hazardous Materials Screening Test

MEC Testing Protocol: BIO004


Polisini & Miller, 1988

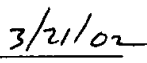
Test Organism: *Pimephales promelas*

Test Concentration (ppm)	Number of Test Organisms at Start of Test	Number of Test Organisms at End of Test	Percent Mortality
0	20	20	0%
250	20	20	0%
750	20	20	0%

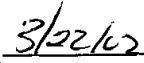
Acute Toxicity Statement: Sample #3: 1 M Glycine / 150 mM NaCl produced 0 percent mortality at the 250 ppm concentration and 0 percent mortality at the 750 ppm concentration. Given this percent mortality, this sample is not considered a hazardous waste.

Protocol Deviations: The hardness (60 mg/L CaCO₃) of the water used for dilutions was above the protocol range (40-48 mg/L CaCO₃). As the hardness was not far out of range, and the conductivity was within normal limits, this deviation is not expected to have affected the results.


QA Officer


Date


Approved


Date



COUNTY OF SAN DIEGO
 Department of Environmental Health
COMPLAINT FORM

TO FILE H 14775

COMPLAINT: **2002-16882**
 PREV COMP: OLD COMP No:
 DATE / TIME RECEIVED: **11/1/2002** **11:41 AM**
 REC BY: **CCOURSEH**
 REVIEWED BY: Info Only

This greyed area contains Reporting Party information that is blocked from public viewing for CONFIDENTIALITY purposes, per County Policy A-2.

COMPLAINT INFORMATION

INCIDENT ONSET DATE: INCIDENT TIME:

BUSINESS NAME: **IDEC PHARMACEUTICALS** CENSUS TRACT: DEH ESTAB#: **H14775**
 ADDRESS: **11011 TORREYANA RD** STE: X-STREET: **CALLAN RD**
San Diego (Sorrento) ZIP: **92121** THOM BROS PAGE: **1208** COORD: **A5**

This greyed area contains Reporting Party information that is blocked from public viewing for CONFIDENTIALITY purposes, per County Policy A-2.

SUBSTANCE: **SPILL NOTIFICATION**
 NATURE OF COMPLAINT: **EXTRACT OF EMAIL - 10/31/02 - HAD A SMALL SPILL OF APPROXIMATELY 2 GALLONS OF HAZARDOUS MATERIAL, COMPRISED OF 20% HYDROGEN PEROXIDE AND 4% PEROXYACETIC ACID. THE PLASTIC BOTTLES WERE BEING TRANSPORTED ON A DOLLY WHEN 2 BOTTLES FELL OFF AND BROKE OPEN. THE EMPLOYEES THEN TURNED ON THE EMERGENCY SHOWER IN AN ATTEMPT TO WASH THE SPILL MATERIAL INTO THE STORM DRAIN. THE WASTE WENT INTO THE STORM DRAIN AND OUT THE OUTFALL PIPE INTO THE CANYON AND CONTAMINATED A SMALL AREA OF SOIL.**

DEH RESPONSE INFORMATION

DIVISION: **ICP** APPROVED BY: APPROVED DATE: ASSIGNED TO: **CHARTTEH**
 PRIORITY: TYPE: BUSINESS: ACTIVITY: INVESTIGATED BY: DATE INVESTIGATED: JUSTIFIED: CUST SERV SENT: RESOLVED:
 H06 **B**

REFER ONLY?: CONTACT: AGENCY: PHONE:
 ACTION TAKEN: **10/31/02 - THE CONTAMINATED SOIL AND ANY OTHER CONTAMINATED ITEMS WERE COLLECTED AND WILL BE DISPOSED OF AS HAZARDOUS WASTE. THE COUNTY HMD WAS NOTIFIED OF THIS RELEASE, AS WAS OES. THE EMPLOYEES WERE INSTRUCTED NOT TO OVERLOAD THE DOLLY DURING TRANSPORT OF HAZARD MATERIALS. THE COMPANY WILL CONDUCT SUPPLEMENTARY EMERGENCY RESPONSE PROCEDURES AND NOTIFICATION PROCEDURES TRAINING SESSIONS. THEY WILL SUBMIT A WRITTEN REPORT TO US OF THE INCIDENT WITHIN 15 DAYS.**



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 1 OF 1 DATE 5/13/02
 PERMIT # 14775
 TIME START 9:10 END 3:20
 BUS. CODE K67
 SPECIALIST Hart
 INSPECTION CONTACT/TITLE
Rick Graham / Assoc. II EHS
 PHONE: (858) 431-8500
Inspected 7/09/02 off file

BUSINESS NAME IDEC Pharmaceuticals Corp
 ADDRESS 11011 Torreyana Rd
 CITY/ZIP San Diego 92121 JUL 11 1 11 02

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (HSC) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

- | | | | | | |
|-------------------------------------|--------------------------|--|-------------------------------------|--------------------------|-------------------------------------|
| Y | N/A | | Y | N/A | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Unified Facility Permit current and available | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Permit Expires on: <u>11/30/02.</u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Hazardous Materials Business Plan available | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Contingency Plan available |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Employee Training is adequate | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Employee Training records available |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste disposal records available for review | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers kept closed |
| <input type="checkbox"/> | <input type="checkbox"/> | Emergency contacts current <input checked="" type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers kept labeled |
| <input type="checkbox"/> | <input type="checkbox"/> | Chemical inventory current <input checked="" type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers in good condition |

Remarks:

- 1) Properly label the 1-liter bottle of acid wash waste in the hazardous chemical storage shed. Determine the contents, close, and properly label the beaker in the shed.
- 2) Be aware of the 90-day storage time limit for your hazardous waste used oil and oily debris wastes.
- 3) Please add the company phone numbers to your hazardous waste labels.
- 4) I suggest reviewing the use of Roadyne as a disinfectant. As an iodine based product it could possibly be a hazardous waste.
- 5) Separate the incompatible acids. Separate your oxygen and acetylene compressed gas cylinders.
- 6) Do not store anything other than biohazardous waste in red bags.
- 7) I recommend writing 'non-hazardous' on non-hazardous waste bottles.
- 8) Ensure the area/floor under your acid tank for wastewater treatment is kept clean and dry.
- 9) Please contact me with an accurate compressed/liquid gas inventory by Monday May 20.

This is an annual certification that the Hazardous Materials Business Plan (inventory, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored.

Initials of Business Representative _____

[Signature]
Signature of Business Representative

5-14-02
Date Signed

Assoc. II EHS
Title

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261; (619) 338-2222; sdcdeh.org

MEC Analytical Systems, Inc.
Analytical Report

Client: IDEC Pharmaceuticals Date Received: 28-Feb-02
Project: Hazard Analysis Date Test Started: 08-Mar-02
Client Sample ID: #1: 4 M Urea / 50 mM Sodium Phosphate Date Test Ended: 12-Mar-02
MEC Sample ID: C020228.0104 Matrix: Liquid

California T-22 Hazardous Materials Screening Test
MEC Testing Protocol: BIO004
Polisini & Miller, 1988

Test Organism: *Pimephales promelas*

Test Concentration (ppm)	Number of Test Organisms at Start of Test	Number of Test Organisms at End of Test	Percent Mortality
0	20	20	0%
250	20	20	0%
750	20	20	0%

Acute Toxicity Statement: Sample #1: 4 M Urea / 50 mM Sodium Phosphate produced 0 percent mortality at the 250 ppm concentration and 0 percent mortality at the 750 ppm concentration. Given this percent mortality, this sample is not considered a hazardous waste.

Protocol Deviations: The hardness (60 mg/L CaCO₃) of the water used for dilutions was above the protocol range (40-48 mg/L CaCO₃). As the hardness was not far out of range, and the conductivity was within normal limits, this deviation is not expected to have affected the results.


QA Officer

3/21/02
Date


Approved

3/22/02
Date

MEC Analytical Systems, Inc.
Analytical Report

Client:	IDEC Pharmaceuticals	Date Received:	28-Feb-02
Project:	Hazard Analysis	Date Test Started:	08-Mar-02
Client Sample ID:	#1: 4 M Urea / 50 mM Sodium Phosphate	Date Test Ended:	12-Mar-02
MEC Sample ID:	C020228.0104	Matrix:	Liquid

California T-22 Hazardous Materials Screening Test
MEC Testing Protocol: BIO004
Polisini & Miller, 1988

Test Organism: *Pimephales promelas*

Test Solution Physical and Chemical Data

Analyte:	Alkalinity as CaCO ₃	Conductivity	Dissolved Oxygen	Hardness as CaCO ₃	pH
EPA Method:	310.1	120.1	360.1	130.2	150.1
Method Reporting Limit:	2 mg/L	0.02 mS/cm	1% sat.	5 mg/L	---

Concentration (ppm)	Hardness (mg/L CaCO ₃)		Alkalinity (mg/L CaCO ₃)	
	Initial	Final	Initial	Final
0	60	56	46	46
250				
750	52	60	42	44

Concentration (ppm)	Statistic	D.O. (%)	Temp. (°C)	Conductivity (mS/cm)	pH
0	Mean	93	18.9	0.18	7.6
	Minimum	84	18.3	0.17	7.3
	Maximum	101	19.7	0.19	7.9
250	Mean	94	19.5	0.18	7.5
	Minimum	87	19.3	0.17	7.3
	Maximum	101	19.8	0.18	7.9
750	Mean	91	18.9	0.18	7.5
	Minimum	83	18.3	0.17	7.1
	Maximum	101	19.6	0.20	7.9

MEC Analytical Systems, Inc.
Analytical Report

Client: IDEC Pharmaceuticals Date Received: 28-Feb-02
Project: Hazard Analysis Date Test Started: 08-Mar-02
Client Sample ID: #1: 4 M Urea / 50 mM Sodium Phosphate Date Test Ended: 12-Mar-02
MEC Sample ID: C020228.0104 Matrix: Liquid

Appendix
Pertinent Test Data

TEST: California T-22 Hazardous Materials Screening Test, MEC Testing Protocol:
BIO004, Polisini & Miller, 1988

DILUTION WATER: Reconstituted Soft Water

Dissolved Oxygen	99 % Saturation
Temperature	18.6°C
pH	7.9
Hardness	60 mg/L CaCO ₃
Alkalinity	46 mg/L CaCO ₃

TEST ORGANISM: Juvenile Fathead Minnow, *Pimephales promelas*, purchased from
Thomas Fish Co; 7 days acclimation at 20°C; fed "Tetra Min";
0.33465 g average weight; 29.6 mm average length.

TEST CHAMBER: 22-L aquaria, 2 replicate samples at 250 and 750 ppm, and 2 replicate
controls, brought to a final volume of 10000 mL, for a >14 cm depth.

EXPERIMENTAL DESIGN:

1. A sample was collected at 1300 hours on February 27, 2002. The sample was picked up by an MEC courier on February 28, 2002 at 0830 and delivered to the laboratory at 1005 hours the same day.
2. The test substance was shaken mechanically for 6 hours prior to test initiation and rinsed into the test chamber with dilution water for final concentrations of 250 and 750 ppm.
3. Ten test organisms were placed in each aquarium. The ratio of grams of fish to liters of bioassay test solution was 0.33 g/L.
4. Test chambers were randomized and held at 20 ± 2 °C for 96 hours with a photoperiod of 16 hours light: 8 hours darkness.

MORTALITY CRITERIA: Lack of respiratory movement and lack of reaction to gentle prodding

ACCEPTABILITY CRITERIA: ≥ 90% survival in controls.

REFERENCE TOXICITY: Toxicant: CuSO₄, Lot No. 1110-01, Received 7/13/01, Opened 7/13/01,
(Control Chart Included) Expires 4/20/03.
96 Hour LC50: 253.36 ppb
Laboratory Mean: 198.84 ppb
Test Date: 03/13/2002 Within 95 % Confidence Limits

STUDY DIRECTOR: C. Osuch

INVESTIGATORS: C. Osuch, A. Margolis, B. Hester, M.A. Irwin

CLIENT: <u>Idec Pharmaceuticals</u>
PROJECT: <u>Hazard Analysis</u>
CLIENT SAMPLE ID: <u>4m urea / 50mm ^{sodium} phosphate</u>
MEC SAMPLE ID: <u>C020228.01</u>
STUDY DIRECTOR: <u>Co</u>

DATE RECEIVED: <u>2/28/02</u>
DATE TEST STARTED: <u>3/8/02</u>
DATE TEST ENDED: <u>3/12/02</u>
MEC SOP NO.: <u>BIO004</u>
SPECIES: <u>P. promelas</u>
NO. ORGANISMS PER CHAMBER: <u>10</u>

	Concentration	DO (%)		Temp (°C)		Conduct.		pH		Hardness (mg/L CaCO ₃)	Alkalinity (mg/L CaCO ₃)
		1	2	1	2	1	2	1	2		
Day 0 (0 Hours) Date: <u>3/8/02</u> Time: <u>1520</u> Technician: <u>QMM</u>	CONTROL	99	101	18.6	19.2	0.17	0.17	7.9	7.9	60	46
	250 ppm	100	101	19.3	19.5	0.17	0.17	7.9	7.9		
	750 ppm	99	101	18.6	19.6	0.17	0.18	7.9	7.9	52	42
24 Hours Date: <u>3/9/02</u> Time: <u>1320</u> Technician: <u>MMH</u>	CONTROL	91	94	18.3	19.5	0.17	0.17	7.4	7.4		
	250 ppm	90	93	19.4	19.6	0.17	0.18	7.3	7.4		
	750 ppm	90	91	18.3	19.4	0.18	0.18	7.3	7.2		
48 Hours Date: <u>3.10.02</u> Time: <u>1505</u> Technician: <u>BMH</u>	CONTROL	86	93	18.5	19.7	0.18	0.18	7.3	7.4		
	250 ppm	91	94	19.7	19.8	0.18	0.18	7.3	7.3		
	750 ppm	84	90	18.5	19.5	0.18	0.18	7.2	7.1		
72 Hours Date: <u>3.11.02</u> Time: <u>1110</u> Technician: <u>CV</u>	CONTROL	87	96	18.3	19.4	0.18	0.18	7.3	7.4		
	250 ppm	93	96	19.4	19.5	0.18	0.18	7.3	7.4		
	750 ppm	84	93	18.3	19.3	0.19	0.19	7.2	7.3		
96 Hours Date: <u>3/12/02</u> Time: <u>1015</u> Technician: <u>QMM</u>	CONTROL	87	95	18.4	19.4	0.19	0.18	7.7	7.8	56	46
	250 ppm	87	95	19.4	19.5	0.18	0.18	7.7	7.8		
	750 ppm	83	91	18.5	19.3	0.20	0.19	7.7	7.8	60	44

SURVIVAL	Concentration	No. Alive R1	No. Dead R1	No. Alive R2	No. Dead R2
24 Hours Date: <u>3.9.02</u> Time: <u>1415</u> Technician: <u>MMH</u>	CONTROL	10	0	10	0
	250 ppm	10	0	10	0
	750 ppm	10	0	10	0
48 Hours Date: <u>3.10.02</u> Time: <u>1545</u> Technician: <u>BMH</u>	CONTROL	10	0	10	0
	250 ppm	10	0	10	0
	750 ppm	10	0	10	0
72 Hours Date: <u>3.11.02</u> Time: <u>1155</u> Technician: <u>CV</u>	CONTROL	10	0	10	0
	250 ppm	10	0	10	0
	750 ppm	10	0	10	0
96 Hours Date: <u>3.12.02</u> Time: <u>1555</u> Technician: <u>CV</u>	CONTROL	10	0	10	0
	250 ppm	10	0	10	0
	750 ppm	10	0	10	0

DWC 3/12/02 QMM

START TIME: <u>1655</u>
END TIME: <u>1555</u>
ORGANISM BATCH: <u>TF 6399</u>
HOBO TEMP. NO.: <u>1974</u>
TEST LOCATION: <u>Room 2</u>

DILUTION WATER BATCH: <u>FW552</u>
pH: <u>7.9</u> DO: <u>99</u> TEMP.: <u>18.6</u>
REF. TOX.: <u>C010713.80</u> LOT NO.: <u>110-0</u>
96-HR LC50: <u>253.36 ppb</u> TEST DATE: <u>3.13.02</u>
TEST ACCEPTABILITY: <input checked="" type="checkbox"/> 90% SURVIVAL IN CONTROL
HAZARDOUS WASTE PASSING CRITERION IS <40% MORTALITY AT 750 PPM: <input checked="" type="checkbox"/> PASS <input type="checkbox"/> NO PASS

96-HOUR ACUTE TOXICITY DATA SHEET #2
 ORGANISM WEIGHT / LENGTH DATA

Date: 3.12.02		Initials: Co	
Weight (g)	Length (mm)	Weight (g)	Length (mm)
1) 0.2696	28	6) 0.4046	31
2) 0.2434	27	7) 0.3979	31
3) 0.3197	30	8) 0.2645	28
4) 0.4419	32	9) 0.3874	31
5) 0.3632	31	10) 0.2543	27
Average Weight: 0.3347		Average Length: 29.6	

NOTE: All fish taken from Rep 1 control unless otherwise noted.

MEC Analytical Systems, Inc.
Analytical Report

Client: IDEC Pharmaceuticals
Project: Hazard Analysis
Client Sample ID: #2: 100 mM Glycine / 50 mM Tris
MEC Sample ID: C020228.0204

Date Received: 28-Feb-02
Date Test Started: 08-Mar-02
Date Test Ended: 12-Mar-02
Matrix: Liquid

California T-22 Hazardous Materials Screening Test

MEC Testing Protocol: BIO004


Polisini & Miller, 1988

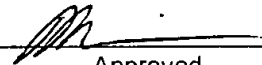
Test Organism: *Pimephales promelas*

Test Concentration (ppm)	Number of Test Organisms at Start of Test	Number of Test Organisms at End of Test	Percent Mortality
0	20	20	0%
250	20	20	0%
750	20	20	0%

Acute Toxicity Statement: Sample #2: 100 mM Glycine / 50 mM Tris produced 0 percent mortality at the 250 ppm concentration and 0 percent mortality at the 750 ppm concentration. Given this percent mortality, this sample is not considered a hazardous waste.

Protocol Deviations: The hardness (60 mg/L CaCO₃) of the water used for dilutions was above the protocol range (40-48 mg/L CaCO₃). As the hardness was not far out of range, and the conductivity was within normal limits, this deviation is not expected to have affected the results.


QA Officer 3/21/02
Date


Approved 3/22/02
Date

MEC Analytical Systems, Inc.
Analytical Report

Client: IDEC Pharmaceuticals
 Project: Hazard Analysis
 Client Sample ID: #2: 100 mM Glycine / 50 mM Tris
 MEC Sample ID: C020228.0204

Date Received: 28-Feb-02
 Date Test Started: 08-Mar-02
 Date Test Ended: 12-Mar-02
 Matrix: Liquid

California T-22 Hazardous Materials Screening Test
 MEC Testing Protocol: BIO004
 Polisini & Miller, 1988

Test Organism: *Pimephales promelas*

Test Solution Physical and Chemical Data

Analyte:	Alkalinity as CaCO ₃	Conductivity	Dissolved Oxygen	Hardness as CaCO ₃	pH
EPA Method:	310.1	120.1	360.1	130.2	150.1
Method Reporting Limit:	2 mg/L	0.02 mS/cm	1% sat.	5 mg/L	---

Concentration (ppm)	Hardness (mg/L CaCO ₃)		Alkalinity (mg/L CaCO ₃)	
	Initial	Final	Initial	Final
0	60	56	46	46
250				
750	52	64	50	44

Concentration (ppm)	Statistic	D.O. (%)	Temp. (°C)	Conductivity (mS/cm)	pH
0	Mean	93	18.9	0.18	7.6
	Minimum	84	18.3	0.17	7.3
	Maximum	101	19.7	0.19	7.9
250	Mean	95	19.4	0.18	7.5
	Minimum	92	19.2	0.17	7.2
	Maximum	101	19.6	0.18	8.0
750	Mean	93	19.2	0.18	7.5
	Minimum	90	19.0	0.17	7.2
	Maximum	99	19.5	0.19	8.0

MEC Analytical Systems, Inc.
Analytical Report

Client: IDEC Pharmaceuticals Date Received: 28-Feb-02
Project: Hazard Analysis Date Test Started: 08-Mar-02
Client Sample ID: #2: 100 mM Glycine / 50 mM Tris Date Test Ended: 12-Mar-02
MEC Sample ID: C020228.0204 Matrix: Liquid

Appendix
Pertinent Test Data

TEST: California T-22 Hazardous Materials Screening Test, MEC Testing Protocol:
BIO004, Polisini & Miller, 1988

DILUTION WATER: Reconstituted Soft Water

Dissolved Oxygen	99 % Saturation
Temperature	18.6°C
pH	7.9
Hardness	60 mg/L CaCO ₃
Alkalinity	46 mg/L CaCO ₃

TEST ORGANISM: Juvenile Fathead Minnow, *Pimephales promelas*, purchased from
Thomas Fish Co; 7 days acclimation at 20°C; fed "Tetra Min";
0.33465 g average weight; 29.6 mm average length.

TEST CHAMBER: 22-L aquaria, 2 replicate samples at 250 and 750 ppm, and 2 replicate
controls, brought to a final volume of 10000 mL, for a >14 cm depth.

EXPERIMENTAL DESIGN:

1. A sample was collected at 1300 hours on February 27, 2002. The sample was picked up by an MEC courier on February 28, 2002 at 0830 and delivered to the laboratory at 1005 hours the same day.
2. The test substance was shaken mechanically for 6 hours prior to test initiation and rinsed into the test chamber with dilution water for final concentrations of 250 and 750 ppm.
3. Ten test organisms were placed in each aquarium. The ratio of grams of fish to liters of bioassay test solution was 0.33 g/L.
4. Test chambers were randomized and held at 20 ± 2 °C for 96 hours with a photoperiod of 16 hours light: 8 hours darkness.

MORTALITY CRITERIA: Lack of respiratory movement and lack of reaction to gentle prodding

ACCEPTABILITY CRITERIA: ≥ 90% survival in controls.

REFERENCE TOXICITY: Toxicant: CuSO₄, Lot No. 1110-01, Received 7/13/01, Opened 7/13/01,
(Control Chart Included) Expires 4/20/03.
96 Hour LC50: 253.36 ppb
Laboratory Mean: 198.84 ppb
Test Date: 03/13/2002 Within 95 % Confidence Limits

STUDY DIRECTOR: C. Osuch

INVESTIGATORS: C. Osuch, A. Margolis, B. Hester, M.A. Irwin

CLIENT: Tdec Pharmaceuticals
PROJECT: Hazard Analysis
CLIENT SAMPLE ID: C020228.02
MEC SAMPLE ID: 100mM glycine/50mM tris
STUDY DIRECTOR: [Signature]

DATE RECEIVED: 2/28/02
DATE TEST STARTED: 3.8.02
DATE TEST ENDED: 3.12.02
MEC SOP NO.: BIO0004
SPECIES: P. promelas
NO. ORGANISMS PER CHAMBER: 10

	Concentration	DO (%)		Temp (°C)		Conduct.		pH		Hardness (mg/L CaCO ₃)	Alkalinity (mg/L CaCO ₃)
		1	2	1	2	1	2	1	2		
Day 0 (0 Hours)	CONTROL	99	101	18.6	19.2	0.17	0.17	7.9	7.9	60	46
Date: 3/8/02	250 ppm	101	101	19.2	19.4	0.17	0.17	8.0	8.0		
Time: 1525	750 ppm	99	99	19.0	19.0	0.17	0.17	8.0	8.0	52	56
Technician: AMM	CONTROL	91	94	18.3	19.5	0.17	0.17	7.4	7.4		
24 Hours	250 ppm	92	94	19.4	19.4	0.18	0.18	7.3	7.3		
Date: 3.9.02	750 ppm	91	93	19.2	19.2	0.18	0.18	7.2	7.3		
Time: 1325	CONTROL	86	93	18.5	19.7	0.18	0.18	7.3	7.4		
Technician: MAI	250 ppm	92	94	19.6	19.6	0.18	0.18	7.2	7.3		
48 Hours	750 ppm	90	92	19.5	19.4	0.18	0.18	7.2	7.2		
Date: 3.10.02	CONTROL	87	96	18.3	19.4	0.18	0.18	7.3	7.4		
Time: 1510	250 ppm	94	96	19.4	19.4	0.18	0.18	7.2	7.3		
Technician: BT	750 ppm	92	93	19.2	19.2	0.18	0.18	7.2	7.3		
72 Hours	CONTROL	84	95	18.5	19.4	0.19	0.18	7.7	7.8	56	46
Date: 3.11.02	250 ppm	92	94	19.3	19.3	0.18	0.18	7.9	7.8		
Time: 1115	750 ppm	90	90	19.2	19.3	0.19	0.19	7.7	7.7	64	44
Technician: CW											

SURVIVAL	Concentration	No. Alive R1	No. Dead R1	No. Alive R2	No. Dead R2
24 Hours	CONTROL	10	0	10	0
Date: 3.9.02	250 ppm	10	0	10	0
Time: 1415	750 ppm	10	0	10	0
Technician: MAI	CONTROL	10	0	10	0
48 Hours	250 ppm	10	0	10	0
Date: 3.10.02	750 ppm	10	0	10	0
Time: 1545	CONTROL	10	0	10	0
Technician: BT	250 ppm	10	0	10	0
72 Hours	750 ppm	10	0	10	0
Date: 3.11.02	CONTROL	10	0	10	0
Time: 1155	250 ppm	10	0	10	0
Technician: CW	750 ppm	10	0	10	0
96 Hours	CONTROL	10	0	10	0
Date: 3.12.02	250 ppm	10	0	10	0
Time: 1600	750 ppm	10	0	10	0
Technician: CW					

START TIME: 1705
END TIME: 1600
ORGANISM BATCH: TF 6399
HOBO TEMP. NO.: 1974
TEST LOCATION: Room 2

DILUTION WATER BATCH: FW552
pH: 7.9 DO: 99 TEMP.: 18.6
REF. TOX.: C010713.90 LOT NO.: 1110-01
96-HR LC50: 253.36 ppb TEST DATE: 3.13.02
TEST ACCEPTABILITY: <input checked="" type="checkbox"/> 90% SURVIVAL IN CONTROL
HAZARDOUS WASTE PASSING CRITERION IS <40% MORTALITY AT 750 PPM: <input checked="" type="checkbox"/> PASS <input type="checkbox"/> NO PASS

96-HOUR ACUTE TOXICITY DATA SHEET #2
 ORGANISM WEIGHT / LENGTH DATA

Date: 3.12.02		Initials: CS	
Weight (g)	Length (mm)	Weight (g)	Length (mm)
1) 0.2696	28	6) 0.4046	31
2) 0.2434	27	7) 0.3979	31
3) 0.3197	30	8) 0.2645	28
4) 0.4419	32	9) 0.3874	31
5) 0.3632	31	10) 0.2543	27
Average Weight: 0.3347		Average Length: 29.6	

NOTE: All fish taken from Rep 1 control unless otherwise noted.

Master Buffer List

Name	Campaign	Product	pH	Ignitibility	Toxicity ppm
0.5 M NaCl/10 mM EDTA/ 50 mM Tris	IDEC 152	CD23	7.7	>212	>750
100 mM Glycine/ 50 mM Tris	IDEC 152	CD23	8.0	>212	>750
100 mM Glycine/ 200 mM Acetic Acid	IDEC 152	CD23	3.3	>212	>750
20% Ethanol	IDEC 152	CD23	5.7	100	>750
1 N Acetic Acid	IDEC 152	CD23	2.4	Not Tested	Not Tested
3 M Tris	IDEC 152	CD23	Not Tested	Not Tested	Not Tested
1 N NaOH	IDEC 152	CD23	12.0	Not Tested	Not Tested
1 M NaCl, 50 mM Acetic Acid	IDEC 152	CD23	Not Tested	Not Tested	Not Tested
25 mM NaCl, 50 mM Acetic Acid	IDEC 152	CD23	Not Tested	Not Tested	Not Tested
120 mM NaCl, 50 mM Acetic Acid	IDEC 152	CD23	Not Tested	Not Tested	Not Tested
3 M NaCl, 50 mM Tris	IDEC 152	CD23	Not Tested	Not Tested	Not Tested
20% Ethanol, 200 mM Sodium Acetate	IDEC 152	CD23	7.7	94	>750
0.5 N NaOH	IDEC 152	CD23	12.0	Not Tested	Not Tested
25 mM NaCl, 50 mM Tris	IDEC 152	CD23	Not Tested	Not Tested	Not Tested
20% Ethanol, 150 mM NaCl	IDEC 152	CD23	Not Tested	Not Tested	Not Tested
25 mM NaCl, 50mM Tris	IDEC 152	CD23	Not Tested	Not Tested	Not Tested
0.1 N NaOH	IDEC 152	CD23	12.0	Not Tested	Not Tested
200 ppm Peracetic Acid	IDEC 152	CD23	2.8	>212	>750
10 mM Sodium Citrate, 150 mM NaCl	IDEC 152	CD23	Not Tested	Not Tested	Not Tested
10 mM Sodium Citrate, 150 mM NaCl w/ 0.2 % (w/v) Tween-80	IDEC 152	CD23	Not Tested	Not Tested	Not Tested
50 mM Histidine, 4% Sucrose	IDEC 152	CD23	6.0	Not Tested	Not Tested
anti-GP39 Harvested Cell Culture Fluid	IDEC 131	GP39	Not Tested	Not Tested	Not Tested
1% Phosphoric Acid	IDEC 131	GP39	1.7	>212	>750

Legend:

- Shaded rows = tested sample
- Red = sample result meets hazardous waste characterization
- Additional pH info = from SOPs and historical data

Master Buffer List

Name	Campaign	Product	pH	Ignitibility	Toxicity ppm
4 M Urea, 50 mM Sodium Phosphate	IDEC 131	GP39	6.7	>212	>750
1 M NaCl, 50 mM Sodium Phosphate	IDEC 131	GP39	Not Tested	Not Tested	Not Tested
10 mM EDTA, 50mM Tris, 1 M NaCl	IDEC 131	GP39	7.7	>212	>750
50 mM Tris, 100 mM Glycine	IDEC 131	GP39	8.0	>212	>750
200 mM Acetic Acid, 100 mM Glycine	IDEC 131	GP39	3.3	>212	>750
20% Ethyl Alcohol	IDEC 131	GP39	Not Tested	Not Tested	Not Tested
pH and Salt Adjusted virus iNactivation pool	IDEC 131	GP39	Not Tested	Not Tested	Not Tested
0.5 N NaOH	IDEC 131	GP39	12.0	Not Tested	Not Tested
50 mM Tris, 25 mM NaCl	IDEC 131	GP39	Not Tested	Not Tested	Not Tested
50 mM Tris, 3 M NaCl	IDEC 131	GP39	Not Tested	Not Tested	Not Tested
50 mM Acetic Acid, 1 M NaCl	IDEC 131	GP39	Not Tested	Not Tested	Not Tested
20% EtOH, 150 mM NaCl	IDEC 131	GP39	Not Tested	Not Tested	Not Tested
200 mM Acetic Acid, 100 mM Glycine, pH adjusted with 1 M Tris	IDEC 131	GP39	3.3	>212	>750
TMAE Flowthrough pool (adjusted to pH 5.5 with 1 M Acetic Acid)	IDEC 131	GP39	5.5	Not Tested	Not Tested
1 N NaOH	IDEC 131	GP39	12.0	Not Tested	Not Tested
50 mM Acetic Acid, 25 mM NaCl	IDEC 131	GP39	Not Tested	Not Tested	Not Tested
50 mM Acetic Acid, 50 mM NaCl	IDEC 131	GP39	Not Tested	Not Tested	Not Tested
50 mM Acetic Acid, 135 mM NaCl	IDEC 131	GP39	Not Tested	Not Tested	Not Tested
50 mM Tris, 3 M NaCl	IDEC 131	GP39	Not Tested	Not Tested	Not Tested
20% EtOH, 200 mM Sodium Acetate	IDEC 131	GP39	7.7	94	>750
Phosphate Bufered Saline (PBS)	IDEC 114	B7	7.4	Not Tested	Not Tested
1% Phosphoric Acid	IDEC 114	B7	1.7	>212	>750
4.0 M Urea/50 mM Sodium Phosphate, pH 7.0	IDEC 114	B7	6.7	>212	>750

Legend:

- Shaded rows = tested sample
- Red = sample result meets hazardous waste characterization
- Additional pH info = from SOPs and historical data

Master Buffer List

Name	Campaign	Product	pH	Ignitibility	Toxicity ppm
1.0 M NaCl/50 mM Sodium Phosphate	IDEC 114	B7	7.0	Not Tested	Not Tested
10 mM EDTA/50 mM Tris/1 M NaCl, pH 7.5	IDEC 114	B7	7.7	>212	>750
50 mM Tris/100 mM Glycine, pH 7.5	IDEC 114	B7	8.0	>212	>750
200 mM Acetic Acid/100 mM Glycine, pH 3.5	IDEC 114	B7	3.3	>212	>750
20% Ethanol	IDEC 114	B7	5.7	100	>750
1 M Acetic Acid	IDEC 114	B7	2.4	Not Tested	Not Tested
1 M Tris Base	IDEC 114	B7	Not Tested	Not Tested	Not Tested
5 M NaCl	IDEC 114	B7	Not Tested	Not Tested	Not Tested
0.5 M NaOH	IDEC 114	B7	12.0	Not Tested	Not Tested
50 mM Tris/3 M NaCl	IDEC 114	B7	8.0	Not Tested	Not Tested
25 mM NaCl/50 mM Tris	IDEC 114	B7	7.5	Not Tested	Not Tested
50 mM Acetic Acid/1 M NaCl	IDEC 114	B7	2.5	Not Tested	Not Tested
150 mM NaCl/ 20% Ethanol	IDEC 114	B7	Not Tested	Not Tested	Not Tested
1 M Acetic Acid	IDEC 114	B7	2.4	Not Tested	Not Tested
200 mM Acetic Acid/100 mM Glycine, pH 5.5	IDEC 114	B7	3.3	>212	>750
1 M Acetic Acid	IDEC 114	B7	2.4	Not Tested	Not Tested
1.0 M NaOH	IDEC 114	B7	12.0	Not Tested	Not Tested
50 mM Acetic Acid/1M NaCl	IDEC 114	B7	2.5	Not Tested	Not Tested
50 MM Acetic Acid/25 mM NaCl	IDEC 114	B7	4.5	Not Tested	Not Tested
50 mM Acetic Acid/150 mM NaCl	IDEC 114	B7	5.0	Not Tested	Not Tested
50 mM Tris/1M NaCl	IDEC 114	B7	8.0	Not Tested	Not Tested
0.2M Sodium Acetate/20% Ethanol	IDEC 114	B7	7.7	94	>750
0.1 M NaOH	IDEC 114	B7	12.0	Not Tested	Not Tested
10 mM Sodium Citrate/150 mM NaCl	IDEC 114	B7	6.5	Not Tested	Not Tested

Legend:

-Shaded rows = tested sample

- Red = sample result meets hazardous waste characterization

- Additional pH info = from SOPs and historical data



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CHAIN OF CUSTODY
 005344

DATE 2/28/02 PAGE 1 OF 1

PROJECT NAME/SURVEY/PROJECT NUMBER IDEC PAPER/STREETS LAZARD ANALYSIS		PROJECT MANAGER SHARON VIDAL		COMPANY IDEC PAPER/STREETS CORPORATION		ADDRESS San Diego, CA 92191		PHONE/FAX 858-431-5301, 858-431-8358	
SAMPLE ID	DATE	TIME	MATRIX	INITIALS	NUMBER & TYPE OF CONTAINERS	ANALYSIS/TEST REQUESTED	PRESERVED HOW/ COMMENTS	SAMPLE TEMP UPON RECEIPT	FOR MEC USE ONLY MEC LAB ID
#1 4M VIAL 150.0M	2/27/02	1:00PM		SN	1 plastic	HA			
#2 100.0M 67.0M/150.0M				RV	1 plastic	ignitability			
#3 1H CHEM 1.50.0M				RV	1 plastic	96 hr FSU BIOASSAY TOXICITY			
#4 1.1. 100.0M				RV	1 plastic				
#5 20.1. 100.0M				RV	1 plastic				
#6 5M VIAL 150.0M				RV	1 plastic				
#7 20.1. 100.0M				RV	1 plastic				
#8 4M VIAL 150.0M				RV	1 plastic				
#9 100.0M 67.0M/150.0M				RV	1 plastic				
#10 20.1. 100.0M				RV	1 plastic				
SPECIAL INSTRUCTIONS/COMMENTS:									
Shipping Via: RELIQUISHED BY <i>Sharon Vidal</i>					Abdel No: RECEIVED BY <i>Sharon Vidal</i>				
Form: <i>DEC PAPER/STREETS</i>					Form: <i>DEC</i>				
Date/Time: <i>2/28/02 1:30</i>					Date/Time: <i>2/28/02 8:30</i>				
RELIQUISHED BY					RECEIVED BY				
RELIQUISHED BY					RECEIVED BY				
RELIQUISHED BY					RECEIVED BY				
RELIQUISHED BY					RECEIVED BY				

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RECEIVED

APR 11 00 00

MAILROOM

March 22, 2002

Sharon Vidal
IDEC Pharmaceuticals Corporation
3010 Science Park Road
San Diego, CA 92191

Re: Hazard Analysis

Dear Ms. Vidal:

Enclosed please find the final reports for the hazard analyses performed on the test substances received 2/28/02. Results are summarized in the table below.

Sample	ID Number	pH	Ignitability °F	96-Hour Fish Bioassay Toxicity LC ₅₀
4M Urea / 50mM Sodium Phosphate	C020228.01	6.7	>212	>750 ppm
100mM Glycine / 50mM Tris	C020228.02	8.0	>212	>750 ppm
1M Glycine / 150mM NaCl	C020228.03	8.9	>212	>750 ppm
1% Phosphoric Acid	C020228.04	1.7	>212	>750 ppm
30% Ethanol / 0.5 N HoAc	C020228.05	2.6	92	>750 ppm
0.5M NaCl / 10mM EDTA / 50mM Tris	C020228.06	7.7	>212	>750 ppm
20% Ethanol	C020228.07	5.7	100	>750 ppm
4M Urea / 50mM Tris	C020228.08	7.3	>212	>750 ppm
100mM Glycine / 200mM HoAc	C020228.09	3.3	>212	>750 ppm
20% Ethanol / 200mM NaAc	C020228.10	7.7	94	>750 ppm



pH Sample Processing

Date: 28-Feb-02
Observer: Chris Osuch
Project: IDEC Pharmaceuticals

Sample ID	pH
#1: 4M Urea / 50mM Sodium Phosphate	6.7
#2: 100mM Glycine / 50mM Tris	8.0
#3: 1M Glycine / 150mM NaCl	8.9
#4: 1% Phosphoric Acid	1.7
#5: 30% Ethanol / 0.5N HoAc	2.6
#6: 0.5M NaCl / 10mM EDTA / 50 mM Tris	7.7
#7: 20% Ethanol	5.7
#8: 4M Urea / 50mM Tris	7.3
#9: 100mM Glycine / 200mM HoAc	3.3
#10: 20% Ethanol / 200mM NaAc	7.7

EPA Method 150.1

Laboratory Precision Summary:
Rep 1: 7.3
Rep 2: 7.4
RPD: 1.4



March 8, 2002

MEC Analytical Systems, Inc.
Attn: Mary Anne Irwin
2433 Impala Dr.
Carlsbad, California 92008

Project Name/No.: IDEC Pharmaceuticals
Hazard Analysis
Laboratory Log No.: 0458-02
Date Received: 02/28/02
Sample Matrix: Ten wastewater samples
PO No.: IDEC Pharmaceuticals Hazard Analysis

Please find the following enclosures for the referenced project identified:

- 1) Analytical Report
- 2) QA/QC Report
- 3) Chain of Custody Form

.....**Certified Analysis**.....

Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. Date of extraction, date of analysis, detection limits and dilution factor are reported for each compound analyzed.

Data for each analytical method was evaluated by assessing the following QA/QC functions, as applicable to the methodology:

- Quality Control Standard
- Surrogate Percent Recovery
- Laboratory Control Sample (LCS) percent recoveries for all analyses
- Matrix Spike Recovery/Matrix Spike Duplicate Recovery (MSR & MSDR) and/or
- Relative Percent Difference (RPD from MSR & MSDR)

I certify that this data report is in compliance both technically and for completeness. Release of the data contained in this hard copy data report has been authorized by the following signature.

Janis Columbo
Vice President/Laboratory Director

QA/QC REPORT

QA/QC SAMPLE: p-XYLENE

DATE ANALYZED: 03/05/02

SPIKED ANALYTE	TRUE VALUE	DETERMINED VALUE	ACCEPTABLE RANGE
FLASHPOINT	81°F	82°F	81 ± 2 °F





EMA # 0458-02 (X) Check One
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 005344

DATE 2/28/02 PAGE 1 OF 1

PROJECT NAME/SURVEY/PROJECT NUMBER				ANALYSIS/TEST REQUESTED				FOR MEC USE ONLY	
IDEC PHARMACEUTICALS LAZARD ANALYSIS				NUMBER & TYPE OF CONTAINERS				PRESERVED HOW/ COMMENTS	
PROJECT MANAGER VIDAL				INITIALS				SAMPLE TEMP. UPON RECEIPT	
COMPANY IDEC PHARMACEUTICALS CORPORATION				MATRIX				MEC LAB ID	
ADDRESS San Diego, CA 92191				DATE				RECEIVED BY	
PHONE/FAX 858-431-8201 858-431-8338				TIME				RECEIVED BY	
SAMPLE ID.				INITIALS				RECEIVED BY	
#1	4M Vial 150 mL	2/27/02	1:00 PM	WVJ	SV	1 plastic			
#2	100 mL Glycerol 50 mL TRIS				SV	1 plastic			
#3	1M Glycerol 150 mL NaCl				SV	1 plastic			
#4	1% Phosphoric Acid				SV	1 plastic			
#5	30% Glycerol 50 mL H ₂ O				SV	1 plastic			
#6	5M NaCl/10M NaOH/50 mL TRIS				SV	1 plastic			
#7	20% Glycerol				SV	1 plastic			
#8	4M Vial 50 mL TRIS				SV	1 plastic			
#9	100 mL Glycerol 1200 mL NaCl				SV	1 plastic			
#10	20% Glycerol 1200 mL NaCl				SV	1 plastic			

SPECIAL INSTRUCTIONS/COMMENTS:
 * part of sample relinquished to EMA 2/28/02 DM

SHIPPING:

SAMPLE CONDITION UPON RECEIPT (FOR MEC USE ONLY):
 22°C

RELINQUISHED BY Signature: <i>Sham Vidal</i> Firm: IDEC PHARMACEUTICALS Date/Time: 2/28/02 8:30	RECEIVED BY Signature: <i>Amey Mung</i> Firm: IDEC Date/Time: 2/28/02 8:30	RELINQUISHED BY Signature: <i>Amey Mung</i> Firm: IDEC Date/Time: 2/28/02 9:05	RECEIVED BY Signature: <i>Easton Altran</i> Firm: IDEC Date/Time: 2/28/02 9:07
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(Signature)

ANALYSIS RESULTS

CLIENT: MEC ANALYTICAL SYSTEMS, INC.

PROJECT NAME/No.: IDEC PHARMACEUTICALS HAZARD ANALYSIS

ANALYSIS METHOD: EPA 1010

ANALYSIS: FLASHPOINT

DATE SAMPLED: 02/27/02

DATE RECEIVED: 02/28/02

DATE ANALYZED: 03/05/02

MATRIX: WASTEWATER

SAMPLE ID	EMA LOG #	REPORTING LIMITS °F	DF	RESULTS °F
4M UREA / 50MM SODIUM PHOSPHATE	0458-02-1	N/A	1	> 212
100MM GLYCINE / 50MM TRIS	0458-02-2	N/A	1	> 212
1M GLYCINE / 150 MM NAACL	0458-02-3	N/A	1	> 212
1% PHOSPHORIC ACID	0458-02-4	N/A	1	> 212
30% ETHANOL / .5N HOAC	0458-02-5	N/A	1	92
.5M NAACL / 10M MEDIA / 50 MM TRIS	0458-02-6	N/A	1	> 212
20 % ETHANOL	0458-02-7	N/A	1	100
4M UREA / 50MM TRIS	0458-02-8	N/A	1	> 212
100MM GLYCINE / 200MM HOAC	0458-02-9	N/A	1	> 212
20 % ETHANOL / 200 MM NAAC	0458-02-10	N/A	1	94

DF = DILUTION FACTOR

N/A = NOT APPLICABLE

REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

CLIENT: Idec Pharmaceuticals
 PROJECT: Hazard Analysis
 CLIENT SAMPLE ID: 100mmglucose/200mmHAc
 MEC SAMPLE ID: C020228.09
 STUDY DIRECTOR: LD

DATE RECEIVED: 2/28/02
 DATE TEST STARTED: 3/14/02
 DATE TEST ENDED: 3/18/02
 MEC SOP NO.: BIO0004
 SPECIES: P. promelas
 NO. ORGANISMS PER CHAMBER: 10

	Concentration	DO (%)		Temp (°C)		Conduct.		pH		Hardness (mg/L CaCO ₃)	Alkalinity (mg/L CaCO ₃)
		1	2	1	2	1	2	1	2		
Day 0 (0 Hours) Date: <u>3-14-02</u> Time: <u>1630</u> Technician: <u>W</u>	CONTROL	99	100	19.0	19.0	0.17	0.16	7.4	7.4	56	46
	250 ppm	99	99	19.1	18.9	0.16	0.16	7.1	7.1		
	750 ppm	98	96	18.3	18.4	0.16	0.16	6.7	6.6	56	42
24 Hours Date: <u>3/15/02</u> Time: <u>1000</u> Technician: <u>AM</u>	CONTROL	98	99	19.3	19.5	0.18	0.17	7.9	7.9		
	250 ppm	95	96	19.8	19.2	0.17	0.17	7.8	7.9		
	750 ppm	93	90	18.7	19.0	0.17	0.17	7.8	7.6		
48 Hours Date: <u>3/16/02</u> Time: <u>1215</u> Technician: <u>AM</u>	CONTROL	98	98	19.6	19.8	0.18	0.17	7.9	7.9		
	250 ppm	90	86	20.2	19.3	0.18	0.17	7.6	7.6		
	750 ppm	81	77	19.1	18.8	0.17	0.17	7.5	7.4		
72 Hours Date: <u>3/17/02</u> Time: <u>1230</u> Technician: <u>AM</u>	CONTROL	98	98	19.7	19.9	0.18	0.17	7.8	7.9		
	250 ppm	91	87	20.2	19.4	0.18	0.18	7.6	7.6		
	750 ppm	97	97	19.0	18.9	0.18	0.18	7.8	7.8		
96 Hours Date: <u>3/18/02</u> Time: <u>940</u> Technician: <u>TS</u>	CONTROL	98	98	19.3	19.8	0.18	0.18	7.6	7.7	64	44
	250 ppm	95	92	20.0	19.2	0.18	0.18	7.7	7.7	56	40
	750 ppm	100	100	18.9	19.0	0.18	0.18	7.8	7.8	56	36

SURVIVAL	Concentration	No. Alive R1	No. Dead R1	No. Alive R2	No. Dead R2
24 Hours Date: <u>3/15/02</u> Time: <u>1000</u> Technician: <u>AM</u>	CONTROL	10	0	10	0
	250 ppm	10	0	10	0
	750 ppm	10	0	10	0
48 Hours Date: <u>3/16/02</u> Time: <u>1215</u> Technician: <u>AM</u>	CONTROL	10	0	10	0
	250 ppm	10	0	10	0
	750 ppm	10	0	10	0
72 Hours Date: <u>3/17/02</u> Time: <u>1230</u> Technician: <u>AM</u>	CONTROL	10	0	10	0
	250 ppm	10	0	10	0
	750 ppm	10	0	10	0
96 Hours Date: <u>3/18/02</u> Time: <u>1710</u> Technician: <u>TS</u>	CONTROL	10	0	10	0
	250 ppm	10	0	10	0
	750 ppm	10	0	10	0

UVC 3/16/02 AM ② IE 3/16/02 AM ③ IE 3/18/02 TS

START TIME: 1710
 END TIME: 1710
 ORGANISM BATCH: TF6399
 HOBO TEMP. NO.: 8378
 TEST LOCATION: Room 3

DILUTION WATER BATCH: Fw552
 pH: 7.4 DO: 99 TEMP.: 19.0
 REF. TOX.: C0101350 LOT NO.: 110-01
 96-HR LC50: 253.36 ppb TEST DATE: 3.18.02
 TEST ACCEPTABILITY: 90% SURVIVAL IN CONTROL
 HAZARDOUS WASTE PASSING CRITERION IS <40% MORTALITY AT 750 PPM: PASS NO PASS

96-HOUR ACUTE TOXICITY DATA SHEET #2
 ORGANISM WEIGHT / LENGTH DATA

Date: 3.18.02		Initials: JH1	
Weight (g)	Length (mm)	Weight (g)	Length (mm)
1) 0.1977	26	6) 0.3567	31
2) 0.3804	32	7) 0.2807	29
3) 0.4323	32	8) 0.2394	28
4) 0.2500	27	9) 0.2355	27
5) 0.2836	29	10) 0.2999	29
Average Weight: 0.2956		Average Length: 29.0	

NOTE: All fish taken from Rep 1 control unless otherwise noted.



MEC Analytical Systems, Inc.
Analytical Report

Client: IDEC Pharmaceuticals
 Project: Hazard Analysis
 Client Sample ID: #10: 20% Ethanol / 200 mM NaAc
 MEC Sample ID: C020228.1004

Date Received: 28-Feb-02
 Date Test Started: 14-Mar-02
 Date Test Ended: 18-Mar-02
 Matrix: Liquid

California T-22 Hazardous Materials Screening Test
 MEC Testing Protocol: BIO004
 Polisini & Miller, 1988

Test Organism: *Pimephales promelas*

Test Concentration (ppm)	Number of Test Organisms at Start of Test	Number of Test Organisms at End of Test	Percent Mortality
0	20	20	0%
250	20	20	0%
750	20	20	0%

Acute Toxicity Statement: Sample #10: 20% Ethanol / 200 mM NaAc produced 0 percent mortality at the 250 ppm concentration and 0 percent mortality at the 750 ppm concentration. Given this percent mortality, this sample is not considered a hazardous waste.

Protocol Deviations: The hardness (56 mg/L CaCO₃) of the water used for dilutions was above the protocol range (40-48 mg/L CaCO₃). As the hardness was not far out of range, and the conductivity was within normal limits, this deviation is not expected to have affected the results.

Levi Craft 3/21/02
 QA Officer Date

[Signature] 3/22/02
 Approved Date

MEC Analytical Systems, Inc.
Analytical Report

Client: IDEC Pharmaceuticals
 Project: Hazard Analysis
 Client Sample ID: #10: 20% Ethanol / 200 mM NaAc
 MEC Sample ID: C020228.1004

Date Received: 28-Feb-02
 Date Test Started: 14-Mar-02
 Date Test Ended: 18-Mar-02
 Matrix: Liquid

California T-22 Hazardous Materials Screening Test
 MEC Testing Protocol: BIO004
 Polisini & Miller, 1988

Test Organism: *Pimephales promelas*

Test Solution Physical and Chemical Data

Analyte:	Alkalinity as CaCO ₃	Conductivity	Dissolved Oxygen	Hardness as CaCO ₃	pH
EPA Method:	310.1	120.1	360.1	130.2	150.1
Method Reporting Limit:	2 mg/L	0.02 mS/cm	1% sat.	5 mg/L	---

Concentration (ppm)	Hardness (mg/L CaCO ₃)		Alkalinity (mg/L CaCO ₃)	
	Initial	Final	Initial	Final
0	56	64	46	44
250		64		40
750	56	60	44	42

Concentration (ppm)	Statistic	D.O. (%)	Temp. (°C)	Conductivity (mS/cm)	pH
0	Mean	99	19.5	0.17	7.8
	Minimum	98	19.0	0.16	7.4
	Maximum	101	19.9	0.18	8.0
250	Mean	96	18.8	0.17	7.7
	Minimum	90	18.2	0.16	7.2
	Maximum	100	19.4	0.18	7.9
750	Mean	96	18.9	0.18	7.7
	Minimum	92	18.3	0.17	7.4
	Maximum	99	19.2	0.19	7.9

MEC Analytical Systems, Inc.
Analytical Report

Client:	IDEC Pharmaceuticals	Date Received:	28-Feb-02
Project:	Hazard Analysis	Date Test Started:	14-Mar-02
Client Sample ID:	#10: 20% Ethanol / 200 mM NaAc	Date Test Ended:	18-Mar-02
MEC Sample ID:	C020228.1004	Matrix:	Liquid

Appendix
Pertinent Test Data

TEST: California T-22 Hazardous Materials Screening Test, MEC Testing Protocol: BIO004, Polisini & Miller, 1988

DILUTION WATER: Reconstituted Soft Water

Dissolved Oxygen	99 % Saturation
Temperature	19.0°C
pH	7.4
Hardness	56 mg/L CaCO ₃
Alkalinity	46 mg/L CaCO ₃

TEST ORGANISM: Juvenile Fathead Minnow, *Pimephales promelas*, purchased from Thomas Fish Co; 7 days acclimation at 20°C; fed "Tetra Min"; 0.29562 g average weight; 29 mm average length.

TEST CHAMBER: 22-L aquaria, 2 replicate samples at 250 and 750 ppm, and 2 replicate controls, brought to a final volume of 10000 mL, for a >14 cm depth.

EXPERIMENTAL DESIGN:

1. A sample was collected at 1300 hours on February 27, 2002. The sample was picked up by an MEC courier on February 28, 2002 at 0830 and delivered to the laboratory at 1005 hours the same day.
2. The test substance was shaken mechanically for 6 hours prior to test initiation and rinsed into the test chamber with dilution water for final concentrations of 250 and 750 ppm.
3. Ten test organisms were placed in each aquarium. The ratio of grams of fish to liters of bioassay test solution was 0.30 g/L.
4. Test chambers were randomized and held at 20 ± 2 °C for 96 hours with a photoperiod of 16 hours light: 8 hours darkness.

MORTALITY CRITERIA: Lack of respiratory movement and lack of reaction to gentle prodding

ACCEPTABILITY CRITERIA: ≥ 90% survival in controls.

REFERENCE TOXICITY: Toxicant: CuSO₄, Lot No. 1110-01, Received 7/13/01, Opened 7/13/01, Expires 4/20/03.
(Control Chart Included)

96 Hour LC50:	253.36 ppb	
Laboratory Mean:	198.84 ppb	
Test Date:	03/13/2002	Within 95 % Confidence Limits

STUDY DIRECTOR: C. Osuch

INVESTIGATORS: C. Osuch, A. Margolis, T. Staker, M.A. Irwin

CLIENT: Idec Pharmaceuticals
 PROJECT: Hazard Analysis
 CLIENT SAMPLE ID: 20% ethanol / 200mm NaAC
 MEC SAMPLE ID: C020228.10
 STUDY DIRECTOR: CD

DATE RECEIVED: 2/28/02
 DATE TEST STARTED: 3/14/02
 DATE TEST ENDED: 3/18/02
 MEC SOP NO.: BIO004
 SPECIES: P. promelas
 NO. ORGANISMS PER CHAMBER: 10

	Concentration	DO (%)		Temp (°C)		Conduct.		pH		Hardness (mg/L CaCO ₃)	Alkalinity (mg/L CaCO ₃)
		Replicate	1	2	1	2	1	2	1		
Day 0 (0 Hours)	CONTROL	99	100	19.0	19.0	0.17	0.16	7.4	7.4	56	46
Date: 3.14.02 Time: 1640 Technician: cr	250 ppm	99	98	18.6	18.5	0.17	0.16	7.2	7.3		
	750 ppm	99	98	18.5	18.3	0.17	0.17	7.4	7.4	56	44
24 Hours	CONTROL	98	99	19.3	19.5	0.18	0.17	7.9	7.9		
Date: 3/15/02 Time: 1005 Technician: am	250 ppm	99	96	19.2	18.2	0.17	0.17	7.9	7.9		
	750 ppm	98	98	19.0	19.0	0.18	0.18	7.9	7.9		
48 Hours	CONTROL	98	98	19.6	19.8	0.18	0.17	8.0	7.9		
Date: 3/16/02 Time: 1220 Technician: am	250 ppm	96	90	19.3	18.8	0.18	0.17	7.7	7.6		
	750 ppm	95	92	19.1	18.8	0.18	0.18	7.7	7.6		
72 Hours	CONTROL	98	98	19.7	19.9	0.18	0.17	7.8	7.9		
Date: 3/17/02 Time: 1235 Technician: am	250 ppm	97	91	19.4	18.6	0.18	0.18	7.8	7.7		
	750 ppm	94	94	19.2	19.0	0.19	0.19	7.7	7.7		
96 Hours	CONTROL	99	101	19.3	19.8	0.18	0.18	7.6	7.7	64	44
Date: 3.18.02 Time: 950 Technician: TS	250 ppm	100	92	19.4	18.5	0.18	0.18	7.8	7.7	64	40
	750 ppm	98	98	19.2	19.0	0.19	0.19	7.8	7.8	60	42

SURVIVAL	Concentration	No. Alive R1	No. Dead R1	No. Alive R2	No. Dead R2
24 Hours	CONTROL	10	0	10	0
Date: 3/15/02 Time: 1005 Technician: am	250 ppm	10	0	10	0
	750 ppm	10	0	10	0
48 Hours	CONTROL	10	0	10	0
Date: 3/16/02 Time: 1220 Technician: am	250 ppm	10	0	10	0
	750 ppm	10	0	10	0
72 Hours	CONTROL	10	0	10	0
Date: 3/17/02 Time: 1235 Technician: am	250 ppm	10	0	10	0
	750 ppm	10	0	10	0
96 Hours	CONTROL	10	0	10	0
Date: 3/18/02 Time: 1710 Technician: TS	250 ppm	10	0	10	0
	750 ppm	10	0	10	0

START TIME: 1710
 END TIME: 1710
 ORGANISM BATCH: TF 6399
 HOBO TEMP. NO.: 8378
 TEST LOCATION: Room 3

DILUTION WATER BATCH: fw 552
 pH: 7.4 DO: 99 TEMP.: 19.0
 REF. TOX.: 1010713-80 LOT NO.: 1110-0
 96-HR LC50: 253.36ppm TEST DATE: 3.15.02
 TEST ACCEPTABILITY: 90% SURVIVAL IN CONTROL
 HAZARDOUS WASTE PASSING CRITERION IS <40% MORTALITY AT 750 PPM: PASS NO PASS

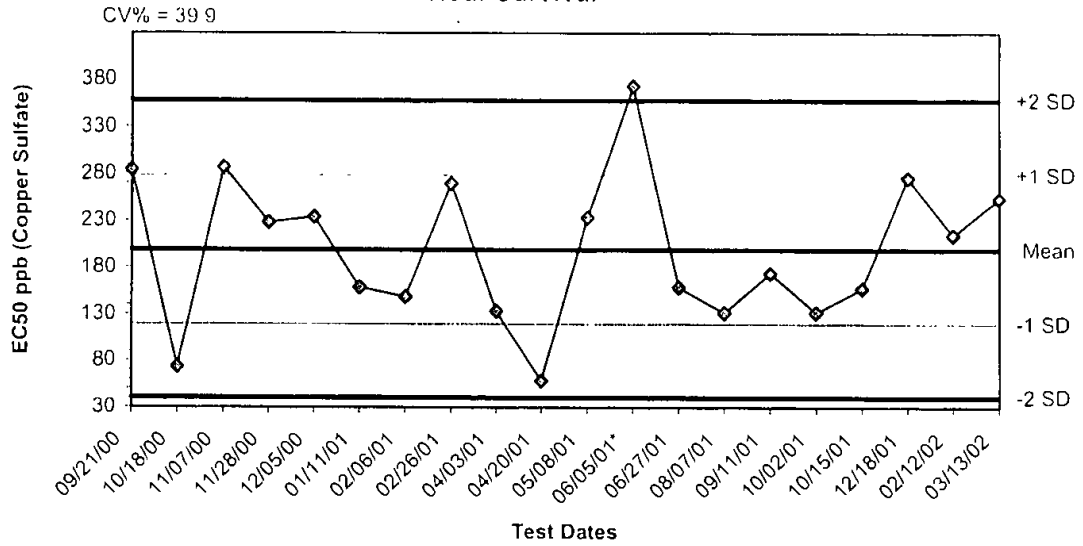
96-HOUR ACUTE TOXICITY DATA SHEET #2
ORGANISM WEIGHT / LENGTH DATA

Date: 3.18 02		Initials: MAI	
Weight (g)	Length (mm)	Weight (g)	Length (mm)
1) 0.1977	26	6) 0.3567	31
2) 0.3804	32	7) 0.2807	29
3) 0.4323	32	8) 0.2394	28
4) 0.2500	27	9) 0.2355	27
5) 0.2836	29	10) 0.2994	29
Average Weight: 0.2956		Average Length: 29.0	

NOTE: All fish taken from Rep 1 control unless otherwise noted.



Pimephales promelas (Juvenile) Reference Toxicant Control Chart: 96-Hour Survival



Dates	Values	Mean	-1 SD	-2 SD	+1 SD	+2 SD
09/21/00	284.3400	198.8415	119.4402	40.0389	278.2428	357.6441
10/18/00	73.2834	198.8415	119.4402	40.0389	278.2428	357.6441
11/07/00	287.1140	198.8415	119.4402	40.0389	278.2428	357.6441
11/28/00	228.1060	198.8415	119.4402	40.0389	278.2428	357.6441
12/05/00	233.8610	198.8415	119.4402	40.0389	278.2428	357.6441
01/11/01	158.6630	198.8415	119.4402	40.0389	278.2428	357.6441
02/06/01	148.3590	198.8415	119.4402	40.0389	278.2428	357.6441
02/26/01	269.4200	198.8415	119.4402	40.0389	278.2428	357.6441
04/03/01	133.3190	198.8415	119.4402	40.0389	278.2428	357.6441
04/20/01	58.3330	198.8415	119.4402	40.0389	278.2428	357.6441
05/08/01	233.1750	198.8415	119.4402	40.0389	278.2428	357.6441
06/05/01*	372.9580	198.8415	119.4402	40.0389	278.2428	357.6441
06/27/01	158.5360	198.8415	119.4402	40.0389	278.2428	357.6441
08/07/01	131.5200	198.8415	119.4402	40.0389	278.2428	357.6441
09/11/01	173.4870	198.8415	119.4402	40.0389	278.2428	357.6441
10/02/01	131.6590	198.8415	119.4402	40.0389	278.2428	357.6441
10/15/01	157.1920	198.8415	119.4402	40.0389	278.2428	357.6441
12/18/01	275.6290	198.8415	119.4402	40.0389	278.2428	357.6441
02/12/02	214.5190	198.8415	119.4402	40.0389	278.2428	357.6441
03/13/02	253.3570	198.8415	119.4402	40.0389	278.2428	357.6441

*Value outside of 95% CI. Test was rerun on 6/27/01 and was within 95% CI.

Updated 3/20/02 MAJ

Acute Fish Test-96 Hr Survival

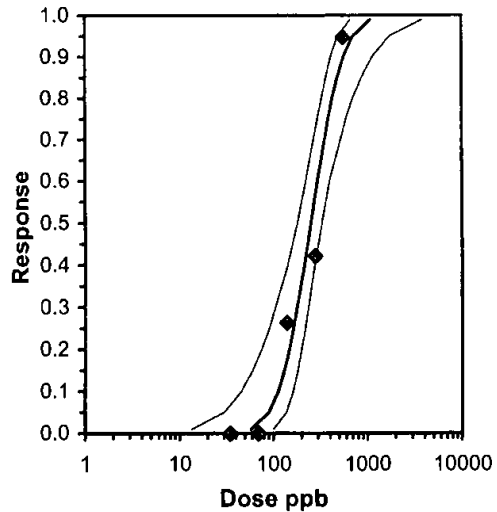
Start Date: 03/13/2002 18:05 Test ID: C070713.80 Sample ID: REF-Ref Toxicant
 End Date: 03/17/2002 16:40 Lab ID: CAMEC-MEC Analytical - Ca Sample Type: CUSO-Copper sulfate
 Sample Date: Protocol: EPAA 91-EPA Acute Test Species: PP-Pimephales promelas
 Comments:

Conc-ppb	1	2
Control	1.0000	0.9000
35	1.0000	0.9000
70	1.0000	0.9000
140	0.8000	0.6000
280	0.9000	0.2000
560	0.1000	0.0000

Conc-ppb	Mean	N-Mean	Resp	Not Resp	Total	N	Fisher's Exact P	1-Tailed Critical	Number Resp	Total Number
Control	0.9500	1.0000	1.33053	1	19	20			1	20
35	0.9500	1.0000	1.33053	1	19	20	0.7564	0.0500	1	20
70	0.9500	1.0000	1.33053	1	19	20	0.7564	0.0500	1	20
*140	0.7000	0.7368	0.99661	6	14	20	0.0457	0.0500	6	20
*280	0.5500	0.5789	0.85635	9	11	20	0.0042	0.0500	9	20
*560	0.0500	0.0526	0.24027	19	1	20	0.0000	0.0500	19	20

Hypothesis Test (1-tail, 0.05)	NOEC	LOEC	ChV	TU
Fisher's Exact Test	70	140	98.9949	

Maximum Likelihood-Probit											
Parameter	Value	SE	95% Fiducial Limits		Control	Chi-Sq	Critical	P-value	Mu	Sigma	Iter
Slope	3.6361	0.87331	1.92442	5.34778	0.05	3.01011	7.81472	0.39	2.40373	0.27502	3
Intercept	-3.7402	2.12798	-7.9111	0.43061							
TSCR	0.04847	0.03183	-0.0139	0.11085							
Point	Probits	ppb	95% Fiducial Limits								
EC01	2.674	58.0687	13.5433	100.784							
EC05	3.355	89.4059	30.1551	137.19							
EC10	3.718	112.533	45.9774	162.501							
EC15	3.964	131.43	60.8983	182.812							
EC20	4.158	148.686	75.9011	201.382							
EC25	4.326	165.286	91.3923	219.513							
EC40	4.747	215.803	142.734	278.891							
EC50	5.000	253.357	181.867	330.544							
EC60	5.253	297.447	225.052	403.388							
EC75	5.674	388.357	300.172	600.106							
EC80	5.842	431.714	330.862	714.579							
EC85	6.036	488.397	367.82	882.517							
EC90	6.282	570.408	416.96	1160.03							
EC95	6.645	717.961	497.233	1756.81							
EC99	7.326	1105.41	680.929	3888.19							



Test: AC-Acute Fish Test Test ID: C070713.80
 Species: PP-Pimephales promelas Protocol: EPAA 91-EPA Acute
 Sample ID: REF-Ref Toxicant Sample Type: CUSO-Copper sulfate
 Start Date: 03/13/2002 18:05 End Date: 03/17/2002 16:00 Lab ID: CAMEC-MEC Analytical - Carlsbad

Pos	ID	Rep	Group	Start	24 Hr	48 Hr	72 Hr	96 Hr	Notes
	1	1	Control	10				10	
	2	2	Control	10				9	
	3	1	35.000	10				10	
	4	2	35.000	10				9	
	5	1	70.000	10				10	
	6	2	70.000	10				9	
	7	1	140.000	10				8	
	8	2	140.000	10				6	
	9	1	280.000	10				9	
	10	2	280.000	10				2	
	11	1	560.000	10				1	
	12	2	560.000	10				0	

Comments:

CLIENT: Idec Pharmaceuticals
 PROJECT: Hazard Analysis
 CLIENT SAMPLE ID: 20% ethanol
 MEC SAMPLE ID: C020228-07
 STUDY DIRECTOR: CO

DATE RECEIVED: 2/28/02
 DATE TEST STARTED: 3.8.02
 DATE TEST ENDED: 3.12.02
 MEC SOP NO.: BIO004
 SPECIES: P. promelas
 NO. ORGANISMS PER CHAMBER: 10

	Concentration	DO (%)		Temp (°C)		Conduct.		pH		Hardness (mg/L CaCO ₃)	Alkalinity (mg/L CaCO ₃)
		Replicate	1	2	1	2	1	2	1		
Day 0 (0 Hours) Date: <u>3/8/02</u> Time: <u>1545</u> Technician: <u>AMM</u>	CONTROL	99	101	18.6	19.2	0.17	0.17	7.9	7.9	60	46
	250 ppm	101	102	18.6	19.2	0.17	0.18	8.0	8.0		
	750 ppm	101	101	18.8	19.1	0.17	0.17	8.0	8.0	64	54
24 Hours Date: <u>3.9.02</u> Time: <u>1400</u> Technician: <u>MM</u>	CONTROL	91	94	18.3	19.5	0.17	0.17	7.4	7.4		
	250 ppm	91	91	18.9	19.5	0.18	0.18	7.2	7.2		
	750 ppm	95	92	19.0	19.5	0.18	0.17	7.3	7.2		
48 Hours Date: <u>3.10.02</u> Time: <u>1540</u> Technician: <u>BT</u>	CONTROL	86	93	18.5	19.7	0.18	0.18	7.3	7.4		
	250 ppm	86	87	18.9	19.7	0.18	0.18	7.0	7.1		
	750 ppm	93	80	18.9	19.5	0.18	0.18	7.2	7.0		
72 Hours Date: <u>3.11.02</u> Time: <u>1150</u> Technician: <u>CS</u>	CONTROL	87	96	18.3	19.4	0.18	0.18	7.3	7.4		
	250 ppm	84	87	18.8	19.4	0.19	0.18	7.4	7.4		
	750 ppm	84 ⁸⁴	81	19.4 ^{19.4}	19.4	0.18 ^{0.18}	0.18	7.5	7.4		
96 Hours Date: <u>3/12/02</u> Time: <u>1045</u> Technician: <u>AMM</u>	CONTROL	84	95	18.5	19.4	0.19	0.18	7.7	7.8	56	46
	250 ppm	83	85	18.9	19.4	0.19	0.18	7.6	7.6		
	750 ppm	93	83	18.9	19.3	0.19	0.18	7.7	7.6	64	48

SURVIVAL	Concentration	No. Alive R1	No. Dead R1	No. Alive R2	No. Dead R2
24 Hours Date: <u>3.9.02</u> Time: <u>1465</u> Technician: <u>MM</u>	CONTROL	10	0	10	0
	250 ppm	10	0	10	0
	750 ppm	10	0	10	0
48 Hours Date: <u>3.10.02</u> Time: <u>1545</u> Technician: <u>BT</u>	CONTROL	10	0	10	0
	250 ppm	10	0	10	0
	750 ppm	10	0	10	0
72 Hours Date: <u>3.11.02</u> Time: <u>1155</u> Technician: <u>CS</u>	CONTROL	10	0	10	0
	250 ppm	10	0	10	0
	750 ppm	10	0	10	0
96 Hours Date: <u>3.12.02</u> Time: <u>1615</u> Technician: <u>CS</u>	CONTROL	10	0	10	0
	250 ppm	10	0	10	0
	750 ppm	10	0	10	0

START TIME: 1740
 END TIME: 1615
 ORGANISM BATCH: TF 6399
 HOBO TEMP. NO.: 1974
 TEST LOCATION: Room 2

① WC 3.11.02 CS

DILUTION WATER BATCH: FW552
 pH: 7.9 DO: 99 TEMP.: 18.6
 REF. TOX.: C010713 8D LOT NO.: 1110-01
 96-HR LC50: 253.36 ppm TEST DATE: 3.13.02
 TEST ACCEPTABILITY: 90% SURVIVAL IN CONTROL
 HAZARDOUS WASTE PASSING CRITERION IS <40% MORTALITY AT 750 PPM: PASS NO PASS

96-HOUR ACUTE TOXICITY DATA SHEET #2
 ORGANISM WEIGHT / LENGTH DATA

Date: 3.12.02		Initials: CS	
Weight (g)	Length (mm)	Weight (g)	Length (mm)
1) 0.2696	28	6) 0.4046	31
2) 0.2434	27	7) 0.3979	31
3) 0.3197	30	8) 0.2645	28
4) 0.4419	32	9) 0.3874	31
5) 0.3632	31	10) 0.2543	27
Average Weight: 0.3347		Average Length: 29.6	

NOTE: All fish taken from Rep 1 control unless otherwise noted.

MEC Analytical Systems, Inc.
Analytical Report

Client: IDEC Pharmaceuticals
 Project: Hazard Analysis
 Client Sample ID: #8: 4 M Urea / 50 mM Tris
 MEC Sample ID: C020228.0804

Date Received: 28-Feb-02
 Date Test Started: 14-Mar-02
 Date Test Ended: 18-Mar-02
 Matrix: Liquid

California T-22 Hazardous Materials Screening Test
 MEC Testing Protocol: BIO004
 Polisini & Miller, 1988

Test Organism: *Pimephales promelas*

Test Concentration (ppm)	Number of Test Organisms at Start of Test	Number of Test Organisms at End of Test	Percent Mortality
0	20	20	0%
250	20	20	0%
750	20	20	0%

Acute Toxicity Statement: Sample #8: 4M Urea / 50 mM Tris produced 0 percent mortality at the 250 ppm concentration and 0 percent mortality at the 750 ppm concentration. Given this percent mortality, this sample is not considered a hazardous waste.

Protocol Deviations: The hardness (56 mg/L CaCO₃) of the water used for dilutions was above the protocol range (40-48 mg/L CaCO₃). As the hardness was not far out of range, and the conductivity was within normal limits, this deviation is not expected to have affected the results.

Luis Craft 3/21/02
 QA Officer Date

Am 3/22/02
 Approved Date

MEC Analytical Systems, Inc.
Analytical Report

Client: IDEC Pharmaceuticals
 Project: Hazard Analysis
 Client Sample ID: #8: 4 M Urea / 50 mM Tris
 MEC Sample ID: C020228.0804

Date Received: 28-Feb-02
 Date Test Started: 14-Mar-02
 Date Test Ended: 18-Mar-02
 Matrix: Liquid

California T-22 Hazardous Materials Screening Test
 MEC Testing Protocol: BIO004
 Polisini & Miller, 1988

Test Organism: *Pimephales promelas*

Test Solution Physical and Chemical Data

Analyte:	Alkalinity as CaCO ₃	Conductivity	Dissolved Oxygen	Hardness as CaCO ₃	pH
EPA Method:	310.1	120.1	360.1	130.2	150.1
Method Reporting Limit:	2 mg/L	0.02 mS/cm	1% sat.	5 mg/L	---

Concentration (ppm)	Hardness (mg/L CaCO ₃)		Alkalinity (mg/L CaCO ₃)	
	Initial	Final	Initial	Final
0	56	64	46	44
250		40		40
750	52	60	40	42

Concentration (ppm)	Statistic	D.O. (%)	Temp. (°C)	Conductivity (mS/cm)	pH
0	Mean	99	19.5	0.17	7.8
	Minimum	98	19.0	0.16	7.4
	Maximum	101	19.9	0.18	8.0
250	Mean	98	19.1	0.17	7.7
	Minimum	92	18.5	0.16	7.4
	Maximum	101	19.4	0.18	8.0
750	Mean	97	19.2	0.17	7.8
	Minimum	93	18.3	0.16	7.4
	Maximum	101	19.6	0.18	7.9

MEC Analytical Systems, Inc.
Analytical Report

Client: IDEC Pharmaceuticals Date Received: 28-Feb-02
Project: Hazard Analysis Date Test Started: 14-Mar-02
Client Sample ID: #8: 4 M Urea / 50 mM Tris Date Test Ended: 18-Mar-02
MEC Sample ID: C020228.0804 Matrix: Liquid

Appendix
Pertinent Test Data

TEST: California T-22 Hazardous Materials Screening Test, MEC Testing Protocol:
BIO004, Polisini & Miller, 1988

DILUTION WATER: Reconstituted Soft Water

Dissolved Oxygen	99 % Saturation
Temperature	19.0°C
pH	7.4
Hardness	56 mg/L CaCO ₃
Alkalinity	46 mg/L CaCO ₃

TEST ORGANISM: Juvenile Fathead Minnow, *Pimephales promelas*, purchased from
Thomas Fish Co; 7 days acclimation at 20°C; fed "Tetra Min";
0.29562 g average weight; 29 mm average length.

TEST CHAMBER: 22-L aquaria, 2 replicate samples at 250 and 750 ppm, and 2 replicate
controls, brought to a final volume of 10000 mL, for a >14 cm depth.

EXPERIMENTAL DESIGN:

1. A sample was collected at 1300 hours on February 27, 2002. The sample was picked up by an MEC courier on February 28, 2002 at 0830 and delivered to the laboratory at 1005 hours the same day.
2. The test substance was shaken mechanically for 6 hours prior to test initiation and rinsed into the test chamber with dilution water for final concentrations of 250 and 750 ppm.
3. Ten test organisms were placed in each aquarium. The ratio of grams of fish to liters of bioassay test solution was 0.30 g/L.
4. Test chambers were randomized and held at 20 ± 2 °C for 96 hours with a photoperiod of 16 hours light: 8 hours darkness.

MORTALITY CRITERIA: Lack of respiratory movement and lack of reaction to gentle prodding

ACCEPTABILITY CRITERIA: ≥ 90% survival in controls.

REFERENCE TOXICITY: Toxicant: CuSO₄, Lot No. 1110-01, Received 7/13/01, Opened 7/13/01,
(Control Chart Included) Expires 4/20/03.
96 Hour LC50: 253.36 ppb
Laboratory Mean: 198.84 ppb
Test Date: 03/13/2002 Within 95 % Confidence Limits

STUDY DIRECTOR: C. Osuch

INVESTIGATORS: C. Osuch, A. Margolis, T. Staker, M.A. Irwin

CLIENT: Idec Pharmaceuticals
 PROJECT: Hazard Analysis
 CLIENT SAMPLE ID: 4murea/50mm tris
 MEC SAMPLE ID: C020228.03
 STUDY DIRECTOR: 6

DATE RECEIVED: 2/28/02
 DATE TEST STARTED: 3/14/02
 DATE TEST ENDED: 3/18/02
 MEC SOP NO.: B10004
 SPECIES: P. promelas
 NO. ORGANISMS PER CHAMBER: 10

	Concentration	DO (%)		Temp (°C)		Conduct.		pH		Hardness (mg/L CaCO ₃)	Alkalinity (mg/L CaCO ₃)
		Replicate	1	2	1	2	1	2	1		
Day 0 (0 Hours) Date: 3/14/02 Time: 1620 Technician: cr	CONTROL	99	100	19.0	19.0	0.17	0.16	7.4	7.4	56	46
	250 ppm	97	99	18.6	18.5	0.16	0.16	7.4	7.4		
	750 ppm	96	98	18.3	19.0	0.16	0.16	7.4	7.4	52	40
24 Hours Date: 3/15/02 Time: 955 Technician: am	CONTROL	98	99	19.3	19.5	0.18	0.17	7.9	7.9		
	250 ppm	97	99	19.0	19.2	0.17	0.16	7.9	8.0		
	750 ppm	97	96	19.0	19.4	0.17	0.17	7.9	7.9		
48 Hours Date: 3/16/02 Time: 1210 Technician: am	CONTROL	98	98	19.6	19.8	0.18	0.17	8.0	7.9		
	250 ppm	92	97	19.3	19.3	0.17	0.17	7.7	7.7		
	750 ppm	97	93	19.2	19.5	0.17	0.18	7.8	7.7		
72 Hours Date: 3/17/02 Time: 1225 Technician: am	CONTROL	98	98	19.7	19.9	0.18	0.17	7.8	7.9		
	250 ppm	97	98	19.3	19.4	0.18	0.17	7.8	7.9		
	750 ppm	98	96	19.2	19.6	0.18	0.18	7.9	7.8		
96 Hours Date: 3/18/02 Time: 920 Technician: TS	CONTROL	99	101	19.3	19.8	0.18	0.18	7.6	7.7	64	44
	250 ppm	98	101	19.1	19.4	0.18	0.18	7.8	7.8	40	40
	750 ppm	101	98	19.2	19.4	0.18	0.18	7.9	7.8	60	42

SURVIVAL	Concentration	No. Alive R1	No. Dead R1	No. Alive R2	No. Dead R2
24 Hours Date: 3/15/02 Time: 955 Technician: am	CONTROL	10	0	10	0
	250 ppm	10	0	10	0
	750 ppm	10	0	10	0
48 Hours Date: 3/16/02 Time: 1210 Technician: am	CONTROL	10	0	10	0
	250 ppm	10	0	10	0
	750 ppm	10	0	10	0
72 Hours Date: 3/17/02 Time: 1225 Technician: am	CONTROL	10	0	10	0
	250 ppm	10	0	10	0
	750 ppm	10	0	10	0
96 Hours Date: 3/18/02 Time: 1705 Technician: TS	CONTROL	10	0	10	0
	250 ppm	10	0	10	0
	750 ppm	10	0	10	0

START TIME: 1710
 END TIME: 1705
 ORGANISM BATCH: TF 6399
 HOBO TEMP. NO.: 8378
 TEST LOCATION: Room 3

DILUTION WATER BATCH: FW552
 pH: 7.4 DO: 99 TEMP.: 19.0
 REF. TOX.: C00713.80 LOT NO.: 1110-a
 96-HR LC50: 2533 µg/L TEST DATE: 3-13-02
 TEST ACCEPTABILITY: 90% SURVIVAL IN CONTROL
 HAZARDOUS WASTE PASSING CRITERION IS <40% MORTALITY AT
 750 PPM: PASS NO PASS

96-HOUR ACUTE TOXICITY DATA SHEET #2
 ORGANISM WEIGHT / LENGTH DATA

Date: 3.18.02		Initials: MAI	
Weight (g)	Length (mm)	Weight (g)	Length (mm)
1) 0.1977	26	6) 0.3567	31
2) 0.3804	32	7) 0.2807	29
3) 0.4323	32	8) 0.2394	28
4) 0.2500	27	9) 0.2355	27
5) 0.2836	29	10) 0.2994	29
Average Weight: 0.2956		Average Length: 29.0	

NOTE: All fish taken from Rep 1 control unless otherwise noted.



MEC Analytical Systems, Inc.
Analytical Report

Client: IDEC Pharmaceuticals
Project: Hazard Analysis
Client Sample ID: #9: 100 mM Glycine / 200 mM HoAc
MEC Sample ID: C020228.0904

Date Received: 28-Feb-02
Date Test Started: 14-Mar-02
Date Test Ended: 18-Mar-02
Matrix: Liquid

California T-22 Hazardous Materials Screening Test
MEC Testing Protocol: BIO004
Polisini & Miller, 1988

Test Organism: *Pimephales promelas*

Test Concentration (ppm)	Number of Test Organisms at Start of Test	Number of Test Organisms at End of Test	Percent Mortality
0	20	20	0%
250	20	20	0%
750	20	20	0%

Acute Toxicity Statement: Sample #9: 100 mM Glycine / 200 mM HoAc produced 0 percent mortality at the 250 ppm concentration and 0 percent mortality at the 750 ppm concentration. Given this percent mortality, this sample is not considered a hazardous waste.

Protocol Deviations: The hardness (56 mg/L CaCO₃) of the water used for dilutions was above the protocol range (40-48 mg/L CaCO₃). As the hardness was not far out of range, and the conductivity was within normal limits, this deviation is not expected to have affected the results.

Luci Craft
QA Officer

3/21/02
Date

[Signature]
Approved

3/22/02
Date

MEC Analytical Systems, Inc.
Analytical Report

Client: IDEC Pharmaceuticals
 Project: Hazard Analysis
 Client Sample ID: #9: 100 mM Glycine / 200 mM HoAc
 MEC Sample ID: C020228.0904

Date Received: 28-Feb-02
 Date Test Started: 14-Mar-02
 Date Test Ended: 18-Mar-02
 Matrix: Liquid

California T-22 Hazardous Materials Screening Test
 MEC Testing Protocol: BIO004
 Polisini & Miller, 1988

Test Organism: *Pimephales promelas*

Test Solution Physical and Chemical Data

Analyte:	Alkalinity as CaCO ₃	Conductivity	Dissolved Oxygen	Hardness as CaCO ₃	pH
EPA Method:	310.1	120.1	360.1	130.2	150.1
Method Reporting Limit:	2 mg/L	0.02 mS/cm	1% sat.	5 mg/L	---

Concentration (ppm)	Hardness (mg/L CaCO ₃)		Alkalinity (mg/L CaCO ₃)	
	Initial	Final	Initial	Final
0	56	64	46	44
250		56		40
750	56	56	42	36

Concentration (ppm)	Statistic	D.O. (%)	Temp. (°C)	Conductivity (mS/cm)	pH
0	Mean	99	19.5	0.17	7.8
	Minimum	98	19.0	0.16	7.4
	Maximum	101	19.9	0.18	8.0
250	Mean	93	19.5	0.17	7.6
	Minimum	86	18.9	0.16	7.1
	Maximum	99	20.2	0.18	7.9
750	Mean	93	18.8	0.17	7.5
	Minimum	77	18.3	0.16	6.6
	Maximum	100	19.1	0.18	7.8

MEC Analytical Systems, Inc.
Analytical Report

Client: IDEC Pharmaceuticals Date Received: 28-Feb-02
Project: Hazard Analysis Date Test Started: 14-Mar-02
Client Sample ID: #9: 100 mM Glycine / 200 mM HoAc Date Test Ended: 18-Mar-02
MEC Sample ID: C020228.0904 Matrix: Liquid

Appendix
Pertinent Test Data

TEST: California T-22 Hazardous Materials Screening Test, MEC Testing Protocol:
BIO004, Polisini & Miller, 1988

DILUTION WATER: Reconstituted Soft Water

Dissolved Oxygen 99 % Saturation
Temperature 19.0°C
pH 7.4
Hardness 56 mg/L CaCO₃
Alkalinity 46 mg/L CaCO₃

TEST ORGANISM: Juvenile Fathead Minnow, *Pimephales promelas*, purchased from
Thomas Fish Co; 7 days acclimation at 20°C; fed "Tetra Min";
0.29562 g average weight; 29 mm average length.

TEST CHAMBER: 22-L aquaria, 2 replicate samples at 250 and 750 ppm, and 2 replicate
controls, brought to a final volume of 10000 mL, for a >14 cm depth.

EXPERIMENTAL DESIGN: 1. A sample was collected at 1300 hours on February 27, 2002. The sample
was picked up by an MEC courier on February 28, 2002 at 0830 and
delivered to the laboratory at 1005 hours the same day.
2. The test substance was shaken mechanically for 6 hours prior to test
initiation and rinsed into the test chamber with dilution water for final
concentrations of 250 and 750 ppm.
3. Ten test organisms were placed in each aquarium. The ratio of grams of
fish to liters of bioassay test solution was 0.30 g/L.
4. Test chambers were randomized and held at 20 ± 2 °C for 96 hours with a
photoperiod of 16 hours light: 8 hours darkness.

MORTALITY CRITERIA: Lack of respiratory movement and lack of reaction to gentle prodding

ACCEPTABILITY CRITERIA: ≥ 90% survival in controls.

REFERENCE TOXICITY: Toxicant: CuSO₄, Lot No. 1110-01, Received 7/13/01, Opened 7/13/01,
(Control Chart Included) Expires 4/20/03.
96 Hour LC50: 253.36 ppb
Laboratory Mean: 198.84 ppb
Test Date: 03/13/2002 Within 95 % Confidence Limits

STUDY DIRECTOR: C. Osuch

INVESTIGATORS: C. Osuch, A. Margolis, T. Staker, M.A. Irwin

CLIENT: Idec Pharmaceuticals
PROJECT: Hazard Analysis
CLIENT SAMPLE ID: 5m NaCl/10mmedta/50mmtris
MEC SAMPLE ID: C020228.06
STUDY DIRECTOR: [Signature]

DATE RECEIVED: 2/28/02
DATE TEST STARTED: 8:02
DATE TEST ENDED: 3:12:02
MEC SOP NO.: BIO004
SPECIES: P. promelas
NO. ORGANISMS PER CHAMBER: 10

	Concentration	DO (%)		Temp (°C)		Conduct.		pH		Hardness (mg/L CaCO ₃)	Alkalinity (mg/L CaCO ₃)
		1	2	1	2	1	2	1	2		
Day 0 (0 Hours) Date: 3/8/02 Time: 1540 Technician: AMM	CONTROL	99	101	18.6	19.2	0.17	0.17	7.9	7.9	60	46
	250 ppm	103	102	19.1	18.9	0.19	0.19	7.9	7.9		
	750 ppm	102	102	19.0	19.0	0.21	0.22	7.9	7.9	64	48
24 Hours Date: 3-9-02 Time: 1350 Technician: MM	CONTROL	91	94	18.3	19.5	0.17	0.17	7.4	7.4		
	250 ppm	95	94	19.4	19.3	0.19	0.19	7.3	7.2		
	750 ppm	85	93	19.7	19.2	0.22	0.22	7.2	7.3		
48 Hours Date: 3-10-02 Time: 1535 Technician: BH	CONTROL	86	93	18.5	19.7	0.18	0.18	7.3	7.4		
	250 ppm	95	94	19.6	19.4	0.20	0.20	7.2	7.2		
	750 ppm	80	91	20.0	19.3	0.22	0.22	7.0	6.9		
72 Hours Date: 3-11-02 Time: 1145 Technician: CW	CONTROL	87	96	18.3	19.4	0.18	0.18	7.3	7.4		
	250 ppm	94	92	19.3	19.3	0.20	0.20	7.3	7.3		
	750 ppm	81	91	19.6	19.2	0.22	0.23	7.2	7.5		
96 Hours Date: 3/12/02 Time: 1040 Technician: AMM	CONTROL	84	95	18.5	19.4	0.19	0.18	7.7	7.8	56	46
	250 ppm	95	94	19.4	19.2	0.20	0.20	7.8	7.7		
	750 ppm	79	91	19.7	19.1	0.23	0.23	7.5	7.7	60	48

SURVIVAL	Concentration	No. Alive R1	No. Dead R1	No. Alive R2	No. Dead R2
24 Hours Date: 3-9-02 Time: 1415 Technician: MM	CONTROL	10	0	10	0
	250 ppm	10	0	10	0
	750 ppm	10	0	10	0
48 Hours Date: 3-10-02 Time: 1545 Technician: BH	CONTROL	10	0	10	0
	250 ppm	10	0	10	0
	750 ppm	10	0	10	0
72 Hours Date: 3-11-02 Time: 1155 Technician: CW	CONTROL	10	0	10	0
	250 ppm	10	0	10	0
	750 ppm	10	0	10	0
96 Hours Date: 3-12-02 Time: 1610 Technician: CW	CONTROL	10	0	10	0
	250 ppm	10	0	10	0
	750 ppm	10	0	10	0

START TIME: 1735
END TIME: 1610
ORGANISM BATCH: TF 6399
HOBO TEMP. NO.: 1974
TEST LOCATION: Room 2


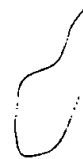
DILUTION WATER BATCH: FW552
pH: 7.9 DO: 99 TEMP.: 18.6
REF. TOX.: C0107B.80 LOT NO.: 1110-01
96-HR LC50: 253.36 ppm TEST DATE: 3-13-02
TEST ACCEPTABILITY: <input checked="" type="checkbox"/> 90% SURVIVAL IN CONTROL
HAZARDOUS WASTE PASSING CRITERION IS <40% MORTALITY AT 750 PPM: <input checked="" type="checkbox"/> PASS <input type="checkbox"/> NO PASS

W.C. B. 9.2.02

96-HOUR ACUTE TOXICITY DATA SHEET #2
ORGANISM WEIGHT / LENGTH DATA

Date: 3.12.02		Initials: Co	
Weight (g)	Length (mm)	Weight (g)	Length (mm)
1) 0.2696	28	6) 0.4046	31
2) 0.2434	27	7) 0.3979	31
3) 0.3197	30	8) 0.2645	28
4) 0.4419	32	9) 0.3874	31
5) 0.3632	31	10) 0.2543	27
Average Weight: 0.3347		Average Length: 29.6	

NOTE: All fish taken from Rep 1 control unless otherwise noted.



MEC Analytical Systems, Inc.
Analytical Report

Client: IDEC Pharmaceuticals
 Project: Hazard Analysis
 Client Sample ID: #7: 20% Ethanol
 MEC Sample ID: C020228.0704

Date Received: 28-Feb-02
 Date Test Started: 08-Mar-02
 Date Test Ended: 12-Mar-02
 Matrix: Liquid

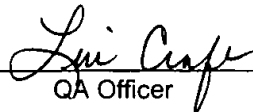
California T-22 Hazardous Materials Screening Test
 MEC Testing Protocol: BIO004
 Polisini & Miller, 1988


Test Organism: *Pimephales promelas*

Test Concentration (ppm)	Number of Test Organisms at Start of Test	Number of Test Organisms at End of Test	Percent Mortality
0	20	20	0%
250	20	20	0%
750	20	20	0%

Acute Toxicity Statement: Sample #7: 20% Ethanol produced 0 percent mortality at the 250 ppm concentration and 0 percent mortality at the 750 ppm concentration. Given this percent mortality, this sample is not considered a hazardous waste.

Protocol Deviations: The hardness (60 mg/L CaCO₃) of the water used for dilutions was above the protocol range (40-48 mg/L CaCO₃). As the hardness was not far out of range, and the conductivity was within normal limits, this deviation is not expected to have affected the results.


 QA Officer 3/21/02
 Date


 Approved 3/22/02
 Date

MEC Analytical Systems, Inc.
Analytical Report

Client: IDEC Pharmaceuticals
 Project: Hazard Analysis
 Client Sample ID: #7: 20% Ethanol
 MEC Sample ID: C020228.0704

Date Received: 28-Feb-02
 Date Test Started: 08-Mar-02
 Date Test Ended: 12-Mar-02
 Matrix: Liquid

California T-22 Hazardous Materials Screening Test
 MEC Testing Protocol: BIO004
 Polisini & Miller, 1988

Test Organism: *Pimephales promelas*

Test Solution Physical and Chemical Data

Analyte:	Alkalinity as CaCO ₃	Conductivity	Dissolved Oxygen	Hardness as CaCO ₃	pH
EPA Method:	310.1	120.1	360.1	130.2	150.1
Method Reporting Limit:	2 mg/L	0.02 mS/cm	1% sat.	5 mg/L	---

Concentration (ppm)	Hardness (mg/L CaCO ₃)		Alkalinity (mg/L CaCO ₃)	
	Initial	Final	Initial	Final
0	60	56	46	46
250				
750	64	64	54	48

Concentration (ppm)	Statistic	D.O. (%)	Temp. (°C)	Conductivity (mS/cm)	pH
0	Mean	93	18.9	0.18	7.6
	Minimum	84	18.3	0.17	7.3
	Maximum	101	19.7	0.19	7.9
250	Mean	90	19.1	0.18	7.5
	Minimum	83	18.6	0.17	7.0
	Maximum	102	19.7	0.19	8.0
750	Mean	91	19.1	0.18	7.5
	Minimum	80	18.8	0.17	7.0
	Maximum	101	19.5	0.19	8.0

MEC Analytical Systems, Inc.
Analytical Report

Client: IDEC Pharmaceuticals Date Received: 28-Feb-02
Project: Hazard Analysis Date Test Started: 08-Mar-02
Client Sample ID: #7: 20% Ethanol Date Test Ended: 12-Mar-02
MEC Sample ID: C020228.0704 Matrix: Liquid

Appendix
Pertinent Test Data

TEST: California T-22 Hazardous Materials Screening Test, MEC Testing Protocol:
BIO004, Polisini & Miller, 1988

DILUTION WATER: Reconstituted Soft Water

Dissolved Oxygen	99 % Saturation
Temperature	18.6°C
pH	7.9
Hardness	60 mg/L CaCO ₃
Alkalinity	46 mg/L CaCO ₃

TEST ORGANISM: Juvenile Fathead Minnow, *Pimephales promelas*, purchased from
Thomas Fish Co; 7 days acclimation at 20°C; fed "Tetra Min";
0.33465 g average weight; 29.6 mm average length.

TEST CHAMBER: 22-L aquaria, 2 replicate samples at 250 and 750 ppm, and 2 replicate controls,
brought to a final volume of 10000 mL, for a >14 cm depth.

EXPERIMENTAL DESIGN: 1. A sample was collected at 1300 hours on February 27, 2002. The sample
was picked up by an MEC courier on February 28, 2002 at 0830 and delivered
to the laboratory at 1005 hours the same day.
2. The test substance was shaken mechanically for 6 hours prior to test
initiation and rinsed into the test chamber with dilution water for final
concentrations of 250 and 750 ppm.
3. Ten test organisms were placed in each aquarium. The ratio of grams of fish
to liters of bioassay test solution was 0.33 g/L.
4. Test chambers were randomized and held at 20 ± 2 °C for 96 hours with a
photoperiod of 16 hours light: 8 hours darkness.

MORTALITY CRITERIA: Lack of respiratory movement and lack of reaction to gentle prodding

ACCEPTABILITY CRITERIA: ≥ 90% survival in controls.

REFERENCE TOXICITY: Toxicant: CuSO₄, Lot No. 1110-01, Received 7/13/01, Opened 7/13/01, Expires
(Control Chart Included) 4/20/03.
96 Hour LC50: 253.36 ppb
Laboratory Mean: 198.84 ppb
Test Date: 03/13/2002 Within 95 % Confidence Limits

STUDY DIRECTOR: C. Osuch

INVESTIGATORS: C. Osuch, A. Margolis, B. Hester, M.A. Irwin



H 14775

3010 SCIENCE PARK ROAD
P.O. BOX 919080
SAN DIEGO, CALIFORNIA 92191
858/431-8700 · FAX 858/431-8715

April 9, 2002

County of San Diego
Department of Environmental Health
5201 Ruffin Road
PO Box 129261
San Diego, CA 92112

Attention: Clarissa Hart

Subject: Hazardous Waste Characterization

This correspondence is being submitted as follow-up to your site inspection on January 24, 2002. During your visit, you expressed interest in how IDEC is handling the process waste liquids generated in the manufacturing areas at Torreyana. You specifically requested additional information on the process buffers used during production.

The information contained within this packet includes:

- Comprehensive listing of all buffer materials used and produced for recent, current, and proposed campaigns.
- List of buffers selected for hazard analysis and sample test results.

Summary of findings:

- 47 buffers were reviewed
- 10 buffers were selected for lab analysis
- Of the 10 selected for analysis, 4 possessed characteristics with potential to meet the hazardous waste definition for corrosivity and ignitability. (1 buffer has a pH less than 2 and 3 buffers have flash point less than 140 degrees). None of the buffers tested possessed the characteristics of toxicity.

The Torreyana facility was built with a wastewater management system that serves the production areas. This system was designed according to industry standards for pharmaceutical manufacturing facilities. The system supports two main process areas: the fermentation area and buffer preparation/purification area. Liquid waste from the fermentation area is collected in a below grade tank described as a "Bio-Waste Tank". Liquid waste from the buffer preparation/purification area is collected in a second below grade tank described as a "General Waste Tank". Both tanks feed a third tank (Neutralization Tank), where pH neutralization takes place, if necessary. The contents of the biowaste tank are passed through a heat exchanger, then cooled before transfer to the pH adjustment tank.

Previous testing has been conducted on the substances and wastes associated with the manufacturing process. The general waste tank and the biowaste tank contents have been profiled on several occasions in the past. Historically, the samples taken from the general waste tank and the biowaste tank demonstrate that the wastes collected in these tanks are non-hazardous in terms of ignitability and toxicity. Periodically, pH adjustment is required, which is carried out by the system automatically. This adjustment is carried out to comply with the conditions of our current Metropolitan Industrial Wastewater Permit (Number 02-0504).

In light of the testing conducted on the buffers currently being used, IDEC will begin collecting the three buffers that meet the definition of hazardous waste due to ignitability. These buffers will be disposed of as hazardous waste according to applicable Federal, State, and Local regulations. All other buffers are considered suitable for discharge as non-hazardous industrial wastewater.

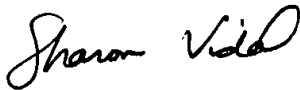
At this time, IDEC is requesting DEH concurrence with the following:

- Based on the Biotechnology Exemption for Tiered Permitting (25201.15) IDEC Pharmaceuticals Corporation does not require a permit for pH adjustment of its wastewater.
- IDEC is not required to document the volume of low or high pH waste sent through the manufacturing wastewater neutralization system.

IDEC is approaching a production shutdown that will last approximately thirty days. Manufacturing operations are expected to resume on or around the middle of June 2002. By the time production resumes, we expect to have our new buffer handling procedures in place. We look forward to continuing to work with the Department of Environmental Health as a partner in compliance.

Please do not hesitate to contact me at 858-431-8221 with any questions. Thank you for your assistance in this matter.

Sincerely,



Sharon Vidal, CHMM
Sr. Associate I, EH&S

cc: Mark Thompson, IDEC Pharmaceuticals Corporation
cc: Rick Graham, IDEC Pharmaceuticals Corporation



County of San Diego

GARY W. ERBECK
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION

P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(619) 338-2222 FAX (619) 338-2377
1-800-253-9933

RICHARD HAAS
ASSISTANT DIRECTOR

April 29, 2002

Sharon Vidal
IDEC Pharmaceuticals Corporation
3010 Science Park Road.
San Diego, CA 92121

**HAZARDOUS WASTE DETERMINATION RESULTS FOR BUFFER SOLUTIONS, UNIFIED
PROGRAM FACILITIES PERMIT #H14775**

Dear Ms. Vidal,

This letter is in response to the analytical results submitted by you to the Hazardous Materials Division (HMD) on (Date). The laboratory analysis was conducted on the process buffer solutions that are used during production in the manufacturing area at the Torreyana facility.

The sample results indicate that three of the buffer solutions exhibit the characteristic of ignitability and one for the characteristic of corrosivity. You stated that IDEC Pharmaceuticals intends to accumulate the three ignitable buffers and manage them as hazardous waste. The buffer solution that exhibits the characteristic for corrosivity will be treated in the on-site wastewater treatment system prior to discharging into the sanitary sewer.

Based on the description of the wastewater treatment system that you submitted, the pH adjustment of the corrosive buffer solution would be exempt from the Tiered Permitting requirements (California Health and Safety Code, Division 20, Section 25201.15) for the treatment of hazardous waste. IDEC Pharmaceuticals must demonstrate compliance with all of the conditions listed in this section to maintain this exemption. The HMD suggests that you review the conditions of your Industrial Wastewater Discharge Permit to ensure that this process is in compliance with the pretreatment standards as stated in the permit.

If you have any further questions, please feel free to contact me at (858) 495-5872.

Sincerely,

Clarissa Hart, Environmental Health Specialist II
Hazardous Materials Division

CC: Michael Vizzier, Supervising Environmental Health Specialist
File H14775

Sample Test Results

Name	Test Date	pH	Toxicity	Ignitibility
30% Ethanol/ 0.5 N Acetic Acid	2/28/2002	2.6	>750 ppm	92
4 M Urea/ 50mM Sodium Phosphate	2/28/2002	6.7	>750 ppm	>212
1 M Glycine/ 150 mM NaCl	2/28/2002	8.9	>750 ppm	>212
0.2 M Acetic Acid/ 0.1 M Glycine	2/28/2002	3.3	>750 ppm	>212
20% Ethanol	2/28/2002	5.7	>750 ppm	100
1% Phosphoric Acid	2/28/2002	1.7	>750 ppm	>212
4 M Urea/ 50 mM Tris	2/28/2002	7.3	>750 ppm	>212
0.5 M NaCl/10 mM EDTA/ 50 mM Tris	2/28/2002	7.7	>750 ppm	>212
100 mM Glycine/ 50 mM Tris	2/28/2002	8	>750 ppm	>212
20% Ethanol, 200 mM Sodium Acetate	2/28/2002	7.7	>750 ppm	94

Legend:

Master Buffer List

Name	Campaign	Product	pH	Ignitibility	Toxicity ppm
Phosphate Bufered Saline (1x PBS)	IDEC 128	Zevalin	7.4	Not Tested	Not Tested
10x Phosphate Buffered Saline (10x PBS)	IDEC 128	Zevalin	7.4	Not Tested	Not Tested
30% Ethanol/ 0.5 N Acetic Acid	IDEC 128	Zevalin	2.6	92	>750
30 mM HCL	IDEC 128	Zevalin	Not Tested	Not Tested	Not Tested
4 M Urea/ 50mM Sodium Phosphate	IDEC 128	Zevalin	6.7	>212	>750
1 M Glycine/ 150 mM NaCl	IDEC 128	Zevalin	8.9	>212	>750
3 M Tris	IDEC 128	Zevalin	Not Tested	Not Tested	Not Tested
0.2 M Acetic Acid/ 0.1 M Glycine	IDEC 128	Zevalin	3.3	>212	>750
20% Ethanol	IDEC 128	Zevalin	5.7	100	>750
1 N Acetic Acid	IDEC 128	Zevalin	2.4	Not Tested	Not Tested
0.1 N NaOH	IDEC 128	Zevalin	12.0	Not Tested	Not Tested
5 M NaCl	IDEC 128	Zevalin	Not Tested	Not Tested	Not Tested
150 mM Sodium Chloride/ 50 mM Tris	IDEC 128	Zevalin	7.7	Not Tested	Not Tested
1.0 N NaOH	IDEC 128	Zevalin	12.0	Not Tested	Not Tested
1 M Sodium Chloride/ 50 mM Tris	IDEC 128	Zevalin	7.7	Not Tested	Not Tested
3 M Sodium Chloride/ 50 mM Tris	IDEC 128	Zevalin	7.7	Not Tested	Not Tested
5 M Sodium Chloride/ 50 mM Sodium Phosphate	IDEC 128	Zevalin	7.0	Not Tested	Not Tested
2.1 M Sodium Chloride/ 50 mM Sodium Phosphate	IDEC 128	Zevalin	6.9	Not Tested	Not Tested
0.2 M Sodium Chloride/ 50 mM Sodium Phosphate	IDEC 128	Zevalin	6.9	Not Tested	Not Tested
0.5 M NaCl	IDEC 128	Zevalin	Not Tested	Not Tested	Not Tested
Low Metal 150 mM Sodium Chloride	IDEC 128	Zevalin	Not Tested	Not Tested	Not Tested
1% Phosphoric Acid	IDEC 152	CD23	1.7	>212	>750
4 M Urea/ 50 mM Tris	IDEC 152	CD23	7.3	>212	>750

Legend:

- Shaded rows = tested sample
- Red = sample result meets hazardous waste characterization
- Additional pH info = from SOPs and historical data



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 1 OF 2 DATE 7/22/03
 PERMIT # 114775
 TIME START 9:15 END 3:45
 BUS. CODE K67
 SPECIALIST Hart
 INSPECTION CONTACT/TITLE
Rick Graham / Absen to EHS
 PHONE: (858) 431-8500

BUSINESS NAME I DEC Pharmaceuticals
 ADDRESS 11011 Torreyana Rd
 CITY/ZIP San Diego 92121

prod 9-18-03 on file

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (HSC) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

- | | | | | | |
|-------------------------------------|--------------------------|--|-------------------------------------|--------------------------|-------------------------------------|
| Y | N/A | | Y | N/A | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Unified Program Facility Permit current and available | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Permit Expires on: <u>11/30/03</u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Hazardous Materials Business Plan available | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Contingency Plan available |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Employee Training is adequate | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Employee Training records available |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste disposal records available for review | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers kept closed |
| <input type="checkbox"/> | <input type="checkbox"/> | Emergency contacts current <input checked="" type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers kept labeled |
| <input type="checkbox"/> | <input type="checkbox"/> | Chemical inventory current <input checked="" type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers in good condition |

Routine Inspection

AUG 22 2003

Notice to Complete Violations and Corrective Action:

1) Based upon a review of 2001 Hazardous waste manifests, a Biennial Report was supposed to be submitted by March 1, 2002.
 -Corrective Action: A Biennial Report is required for any facility that generates more than 2200 lbs of RCRA Hazardous waste in any calendar month. The report is required to be submitted March 1 of each even numbered year for the preceeding odd numbered year. Ensure you follow this requirement.

Remarks:

- 1) Within 30 days, update and submit an updated annual Carcinogen list and a medical Waste Management Act.
- 2) Label the Caustic water treatment tank with what chemical it actually is.
- 3) SPCC is required and is onsite.
- 4) Determine if any waste entering the treatment tank system is hazardous. If it is, you have a hazardous waste tank system and need to meet all the waste tank system requirements. Please let me know.

This is an annual certification that the Hazardous Materials Business Plan (inventory, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored.

Initials of Business Representative [Signature]

[Signature]
Signature of Business Representative

7-24-03
Date Signed

Absen to EHS
Title

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261; (619) 338-2222; sdcdeh.org



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PERMIT # 114775

DATE 7/22/03

PAGE 2 OF 2

BUSINESS ADDRESS: 11011 Torreyana Rd

ZIP: 92124

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19 & 22 of the California Code of Regulations (CCR), Chapters 6.5, 6.95 of the Health and Safety Code (HSC), and/or the San Diego County Code (SDCC).

All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form to document your return to compliance. Your Specialist can provide these forms. Please call (619) 338-2222 or your Specialist if you have any questions.

HAZARDOUS WASTE REQUIREMENTS

RECORDKEEPING

Table with columns: Viol #, VIOL, VIOLATION DESCRIPTION. Contains violations V0131 through V0145.

STORAGE AND HANDLING

Table with columns: Viol #, VIOL, VIOLATION DESCRIPTION. Contains violations V0201 through V0216.

DISPOSAL AND TRANSPORTATION

Table with columns: Viol #, VIOL, VIOLATION DESCRIPTION. Contains violations V0301 through V0304.

TRAINING, CONTINGENCY PLAN & ER PROCEDURES

Table with columns: Viol #, VIOL, VIOLATION DESCRIPTION. Contains violations V0401 through V0406.

HAZARDOUS WASTE TANK SYSTEMS

Table with columns: Viol #, VIOL, VIOLATION DESCRIPTION. Contains violations V1601 through V1611.

HAZARDOUS MATERIALS REQUIREMENTS

BUSINESS PLAN REQUIREMENTS

Table with columns: Viol #, VIOL, VIOLATION DESCRIPTION. Contains violations V1001 through V2553.

SIGNATURE OF BUSINESS REPRESENTATIVE

7-24-03 DATE SIGNED

ARACIL EASIS TITLE OF BUSINESS REPRESENTATIVE



OFFICE USE ONLY
H: 114775

DATE 7/31/03

MEDICAL WASTE MANAGEMENT PLAN

Business Name: IDEL PHARMACEUTICALS Type of Business/Practice: PHARMACEUTICAL (SIC Code 2836)
 Site Address: 11011 Torreyana Rd. Zip: 92121 Phone: 858-431-8800
 Contact Person: Pete Krucker Title: Associate II, Loss Control

24 Hour Emergency Phone: CHEMTREC

GENERATION AND STORAGE OF BIOHAZARDOUS WASTE:

Describe below the type and quantity of biohazardous waste generated and managed at this facility. SEE SAMPLE PLAN AND ATTACHMENT FOR DEFINITION OF TERMS USED IN THIS PLAN

MEDICAL WASTE TYPE	QUANTITY (lbs/month)	STORAGE (container type)	TREATMENT METHOD	ON-SITE	OFF-SITE	HAULER NAME*
BIOHAZARDOUS WASTE Sharp Waste Needles/syringes/slides	170	Sharps Container	Autoclave, Compaction, Landfill		✓	PWN Environmental
Non-sharp Waste Articles containing Fluid Blood (gauze, bandages, tubing, etc.)	0	N/A	N/A	N/A	N/A	N/A
Solids (cultures, lab waste, etc.)	1700	Biohazard Bags	Autoclave, Compaction, Landfill		✓	PWN ENVIRONMENTAL
Liquids (urine, etc.)	25	Vacuum Flasks	10% bleach, Sanitary Sewer	✓		N/A
Trace chemotherapy waste	0	N/A	N/A	N/A	N/A	N/A
Contaminated animal carcasses	0	N/A	N/A	N/A	N/A	N/A
Other	0	N/A	N/A	N/A	N/A	N/A
MEDICAL SOLID WASTE Gloves, empty specimen containers, gauze with dry blood, treated biohazardous waste	N/A	N/A	N/A	N/A	N/A	N/A

* If applicable, attach a copy of biohazardous waste hauler contract or Limited Quantity Hauler exemption.

Biohazardous WASTE STORAGE LOCATION: [Please check the appropriate box(es)].

Biohazardous Waste: Inside establishment in secured area Outside in posted, secure area
 Medical Solid Waste: Inside establishment Outside in Locked/secured dumpster

PERSONNEL TRAINING:

All personnel handling biohazardous waste have been trained in all aspects of this management plan. Training includes the legal definition of biohazardous waste, separation and proper storage, transportation, treatment, and disposal of biohazardous waste. Documentation for completed employee training will be kept onsite.

CERTIFICATION STATEMENT:

I certify that the above management plan is complete and accurate, and that this business will adhere to all aspects of the plan. I further understand that any violation of this plan or any applicable law or regulation may result in legal action.

[Signature] SIGNATURE OF RESPONSIBLE PERSON TITLE ASSOCIATE II EHS
Pete Krucker NAME OF RESPONSIBLE PERSON (please print or type) DATE 7.30.03

DISTRIBUTION: WHITE - RETURN TO HMD
 YELLOW - BUSINESS RETAINS

H FILE #: 14775

DATE: 7/30/03

SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT DIVISION
Annual Carcinogen and Reproductive Toxin Reporting List

Business Name: IDEC Pharmaceuticals

Business Address: 11011 Torreyana Rd. San Diego, CA 92121

Business Owner or Operator: Publicly Held Corporation

Chemical Name	< 1 Gallon	< 1 Pound	< 10 Gallons	< 10 Pounds	< 55 Gallons	< 500 Pounds	Trade Secret
Lead Nitrate				X			N
Phenolphthalein		X					N
Toulene	X						N
Typan Blue	X						N
Lead Solder		X					N

PREPARED BY: Elizabeth Bender
IDEC EH&S



file
114775

County of San Diego

GARY W. ERBECK
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129281, SAN DIEGO, CA 92112-9281
(619) 338-2222 FAX (619) 338-2377
1-800-253-9933

RICHARD HAAS
ASSISTANT DIRECTOR

March 12, 2003

Nirupma Suryavanshi
5796 Corporate Ave
Cypress, CA 90630
DTSC State Regulatory Programs Division

Re: Wastewater treatment system and onsite treatment permit paperwork for IDEC Pharmaceuticals, 11011 Torreyana Rd. San Diego, CA 92121, Unified Program Facility Permit #114775

Dear Ms. Suryavanshi,

I have enclosed copies of the Department of Environmental Health's records regarding the wastewater treatment system and the permit for onsite treatment of hazardous waste for IDEC Pharmaceuticals, 11011 Torreyana Rd. San Diego, CA 92121, Unified Program Facility Permit #114775. These records encompass the time from system installation in 1993 to the request for and granting of an exemption from the permitting requirements for onsite wastewater treatment by the Department of Environmental Health in 2000.

If you have any further questions, please feel free to contact me at (858) 495-5872.

Sincerely,

Clarissa Hart, Environmental Health Specialist II
Hazardous Materials Division

CC: Michael Vizzier, Supervising Environmental Health Specialist
File 114775

biogen idec

RECEIVED

2005 JAN 14 AM 9 03

D. E. H.
MAILROOM

January 10, 2005

Susan Hahn
County of San Diego
Department of Environmental Health
Hazardous Materials Division
P.O. Box 129261
San Diego, CA 92112-9261

Re: Request for Letter of No Further Action
For Biogen Idec, Inc.
11011 Torreyana Rd., San Diego, CA 92121

Dear Ms. Hahn:

Thanks again for your time during our site walkthrough on Friday, January 7, 2005. As promised, below you will find a summary of the three environmental releases that occurred during our occupancy of the above-referenced Biogen Idec facility site. This information is being provided to facilitate DEH's issuance of a "no further action" letter to Biogen Idec confirming that no further action is required at the site with respect to these releases so that the site may be removed from the DTSC's "Low Priority" list.

Each of these releases was previously reported to the DEH, and two of the three releases were reported to DTSC when IDEC Pharmaceuticals submitted a Tiered Permitting Phase I Environmental Assessment Checklist in October 1999. The first release occurred on June 7, 1999. At the time, approximately 5 gallons of Sentol solution were spilled onto the asphalt in a utility area. Sentol is a 37% phosphoric acid and 63% water solution. The release traveled to a storm drain and the drain was flushed with large amounts of water. Subsequent pH readings were taken of the water at the point of release from the property which confirmed that the discharge was neutral.

The second release occurred on September 9, 1999 when approximately 1.5 gallons of hydraulic oil were released from a contractor's truck in the parking lot. The material was absorbed and cleaned up by a contractor.

Finally, 2 gallons of a Mincare solution (20% hydrogen peroxide and 4% peroxyacetic acid) were released onto the site's asphalt driveway. The area was flushed with water causing the material to flow into a nearby storm drain. The storm drain discharges to soil behind the facility. Soil from storm drain release area was removed (approximately 4 30-gallon containers)

biogen idec

until the area was determined to no longer be contaminated. Confirmatory pH sampling was conducted to verify that contaminated soil was fully removed.

Based on the above information and your site walkthrough, we are requesting issuance of the "no further action" letter as soon as possible. Biogen Idec is vacating this facility and requires agency confirmation that no further action is necessary with respect to these releases as part of decommissioning the facility. Your continued assistance towards that end is much appreciated. Should you have any questions regarding these releases, please feel free to contact me at 760.231.2491. Thank you again for your assistance.

Sincerely,



Joseph Hess
EHS Manager

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

400 P Street, 4th Floor
P O Box 806
Sacramento, CA 95812-0806
(916) 323-5871



11/04/93

EPA ID: CAD981583479

IDEC PHARMACEUTICALS CORPORATION
M.C. HULL
11011 TORREYANA ROAD
LA JOLLA, CA 92037

For facility located at:

11011 TORREYANA ROAD
LA JOLLA, CA 92037

Authorization Date: 08/02/93

Dear Conditionally Authorized and/or Conditionally Exempt Facility:

ACKNOWLEDGEMENT OF UNITS OPERATING UNDER CONDITIONAL AUTHORIZATION AND/OR CONDITIONAL EXEMPTION

The Department of Toxic Substances Control (DTSC) has received your facility specific notification (form DTSC 1772) and forms for Conditional Authorization and/or Conditional Exemption for Specified Wastestreams (form DTSC 1772B and/or 1772C). Your notifications are administratively complete, but have not been reviewed for technical adequacy. A technical review of your notifications will be conducted when an inspection is performed. At any time, you may be inspected and will be subject to penalty if violations of laws or regulations are found.

The Department acknowledges receipt of your completed notification for the treatment unit(s) listed on the last page of this letter. These units operating under Conditional Authorization or Conditional Exemption are authorized by California law without additional Department action, pursuant to Health and Safety Code sections 25200.3 and 25201.5. Your authorization to operate continues until you notify DTSC that you have stopped treating waste and have fully closed the unit(s). You will be charged annual fees calculated on a calendar year basis for each year you operate and have not notified DTSC that the units have been closed.

You must notify the DTSC 60 days before first treating hazardous wastes in any new unit. You must also notify the DTSC whenever any of the information you provided in these notifications changes. To revise information, mail a cover letter to the above address explaining the changes, attach only the pages of your notification package that have changed, and re-sign and date at the signature space on page 3 of form 1772.

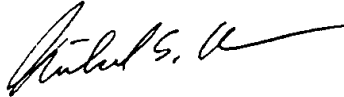
Your status to operate under Conditional Authorization and/or Conditional Exemption is contingent upon the accuracy of information submitted by you in the notifications mentioned above, and your compliance with all applicable requirements in the Health and Safety Code. Any misrepresentation or any failure to fully disclose all relevant facts shall render your authorization to operate null and void.

You are also required to properly close any treatment unit. Additional guidance on closure will be issued and distributed to all authorized onsite facilities later this year.



If you have any questions regarding this letter, or have questions on operating requirements for your facility, please contact the nearest DTSC regional office, or this office at the letterhead address or phone number.

Sincerely,



Michael S. Horner, Chief
Onsite Hazardous Waste Treatment Unit
Permit Streamlining Branch
Hazardous Waste Management Program

Enclosure

cc: SONIA LOW
DTSC REGION 4 OFFICE
SURVEILLANCE & ENFORCEMENT BR.
245 WEST BROADWAY, SUITE 350
LONG BEACH, CA 90802

GARY STEPHANY
SAN DIEGO COUNTY
ENVIRONMENTAL HEALTH SERVICES
1255 IMPERIAL AVENUE, 4TH FLR
P.O. BOX 85261
SAN DIEGO, CA 92186-5261

ENCLOSURE 1

Units authorized to operate at this location:

UNDER CONDITIONAL AUTHORIZATION:

#1

UNDER CONDITIONAL EXEMPTION:

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

400 P Street, 4th Floor
P.O. Box 806
Sacramento, CA 95812-0806



(916) 323-5871

09/14/93

EPA ID: CAD982410243

IDEC PHARMACEUTICALS CORPORATION
M.C. HULL
11011 TORREYANA ROAD
LA JOLLA, CA 92037

For facility located at:

11011 TORREYANA ROAD
LA JOLLA, CA 92037

Authorization Date: 08/02/93

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Michael S. Horner, Chief
Onsite Hazardous Waste Treatment Unit
Permit Streamlining Branch
Hazardous Waste Management Program

Enclosure

cc: SONIA LOW
DTSC REGION 4 OFFICE
SURVEILLANCE & ENFORCEMENT BR.
245 WEST BROADWAY, SUITE 350
LONG BEACH, CA 90802

GARY STEPHANY
SAN DIEGO COUNTY
ENVIRONMENTAL HEALTH SERVICES
1255 IMPERIAL AVENUE, 4TH FLR
P.O. BOX 85261
SAN DIEGO, CA 92186-5261

ENCLOSURE 1

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UNDER CONDITIONAL AUTHORIZATION:

#1

UNDER CONDITIONAL EXEMPTION:

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

400 P Street, 4th Floor
P.O. Box 806
Sacramento, CA 95812-0806

(916) 323-5871



08/02/93

EPA ID: CAD982410243

IDEC PHARMACEUTICALS CORPORATION
M.C. HULL
11011 TORREYANA ROAD
LA JOLLA, CA 92037

For facility located at:

11011 TORREYANA ROAD
LA JOLLA, CA 92037

Authorization Date: 08/02/93

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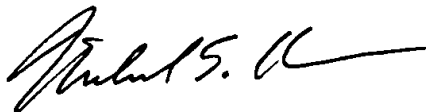
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Sincerely,



Michael S. Horner, Chief
Onsite Hazardous Waste Treatment Unit
Permit Streamlining Branch
Hazardous Waste Management Program

Enclosure

cc: SONIA LOW
DTSC REGION 4 OFFICE
SURVEILLANCE & ENFORCEMENT BR.
245 WEST BROADWAY, SUITE 350
LONG BEACH, CA 90802

GARY STEPHANY
SAN DIEGO COUNTY
ENVIRONMENTAL HEALTH SERVICES
1255 IMPERIAL AVENUE, 4TH FLR
P.O. BOX 85261
SAN DIEGO, CA 92186-5261

Page 3

EPA ID: CAD982410243

ENCLOSURE 1

Units authorized to operate at this location:

UNDER CONDITIONAL AUTHORIZATION:

#1

UNDER CONDITIONAL EXEMPTION:



Porter *Muller*
11011 TORREYANA ROAD
SAN DIEGO, CALIFORNIA 92121
619/550-8500 • FAX 619/550-8750

10/26/93

Mike Horner
Department of Toxic Substances Control
Onsite Hazardous Waste Treatment Unit
P.O. Box 806
Sacramento, CA 95812-0806

Reference: EPA # CAD 981-583-479

Dear Mike:

Enclosed please find an updated version of IDEC's Waste Treatment Notification Form. The original form had been submitted utilizing an EPA identification number that is no longer in effect. All other information on the form is correct. Please update your files with the current information.

If you have any questions, please contact me at 619-550-8670.

Sincerely,

A handwritten signature in cursive script that reads "Mark Thompson".

Mark Thompson
Environmental Health and Safety Officer

cc
Sonia Low
DTSC Region 4 Office
Surveillance & Enforcement Br.
245 West Broadway, Suite 350
Long Beach, CA 90802

Gary Stephany
San Diego County
Environmental Health Services
1255 Imperial Avenue, 4th Floor
P.O. Box 85261
San Diego CA 92186-5261

Check Number

---Staple Check Here---

ONSITE HAZARDOUS WASTE TREATMENT NOTIFICATION FORM

FACILITY SPECIFIC NOTIFICATION

For Use by Hazardous Waste Generators Performing Treatment Initial
Under Conditional Exemption and Conditional Authorization, Revised
and by Permit By Rule Facilities

Please refer to the attached Instructions before completing this form. You may notify for more than one permitting tier by using this notification form, DTSC 1772. You must attach a separate unit specific notification form for each unit at this location. There are different unit specific notification forms for each of the four categories and an additional notification form for transportable treatment units (TTU's). You only have to submit forms for the tier(s) that cover your unit(s). Discard or recycle the other unused forms. Number each page of your completed notification package and indicate the total number of pages at the top of each page at the 'Page ___ of ___'. Put your EPA ID Number on each page. Please provide all of the information requested; all fields must be completed except those that state 'if different' or 'if available'. Please type the information provided on this form and any attachments.

The notification will not be considered complete without payment of the appropriate fee for each tier under which you are operating. (Please note that the fee is per TIER not per UNIT. For example, if you operate 5 units but they are all Conditionally Authorized, you only owe \$1,140, NOT 5 times \$1,140. If you operate any Permit by Rule units and any units under Conditional Authorization you owe \$2,280.) Checks should be made payable to the Department of Toxic Substances Control and be stapled to the top of this form. Please write your EPA ID Number on the check. Fill in the check number in the box above.

I. NOTIFICATION CATEGORIES

Indicate the number of units you operate in each tier. This will also be the number of unit specific notification forms you must attach. Conditionally Exempt Small Quantity Treatment operations may not operate units under any other tier.

Number of units and attached unit specific notifications			Fee per Tier (not per unit)
A.	___	Conditionally Exempt-Small Quantity Treatment (Form DTSC 1772A)	\$ 100
B.	___	Conditionally Exempt-Specified Wastestream (Form DTSC 1772B)	\$ 100
C.	<u>1</u>	Conditionally Authorized (Form DTSC 1772C)	\$1,140
D.	___	Permit by Rule (Form DTSC 1772D)	\$1,140
	====		=====
	___	Total Number of Units	Total Fee Attached \$ _____

II. GENERATOR IDENTIFICATION

EPA ID NUMBER CAD 981583479 BOE NUMBER (if available) HAHQ36044076

NAME (Company or Facility) IDEC Pharmaceuticals Corporation

(DBA-Doing Business As)

PHYSICAL LOCATION 11011 Torreyana Road

CITY San Diego CA ZIP 92121

COUNTY San Diego

CONTACT PERSON Mark Thompson PHONE NUMBER (619) 550-9670
(First Name) (Last Name)

For DTSC Use Only
Region _____

MAILING ADDRESS, IF DIFFERENT:

COMPANY NAME (DBA) _____

STREET _____

CITY _____

STATE _____ ZIP _____

COUNTRY _____

(only complete if not USA)

CONTACT PERSON _____

(First Name)

(Last Name)

PHONE NUMBER(____) _____

III. TYPE OF COMPANY: STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODE:

Use either one or two SIC codes (a four digit number) that best describe your company's products, services, or industrial activity.

Example:

7384 Photofinishing lab

3672 Printed circuit boards

First: 2836 Pharmaceutical

Second: Biotechnology

IV. PRIOR PERMIT STATUS: Check yes or no to each question:

YES NO

- 1. Did you file a PBR Notice of Intent to Operate (DTSC Form 8462) in 1992 for this location?
- 2. Do you now have or have you ever held a state or federal hazardous waste facility full permit or interim status for any of these treatment units?
- 3. Do you now have or have you ever held a state or federal full permit or interim status for any other hazardous waste activities at this location?
- 4. Have you ever held a variance issued by the Department of Toxic Substances Control for the treatment you are now notifying for at this location?
- 5. Has this location ever been inspected by the state or any local agency as a hazardous waste generator?

V. PRIOR ENFORCEMENT HISTORY: Not required from generators only notifying as conditionally exempt.

YES NO

- Within the last three years, has this facility been the subject of any convictions, judgments, settlements, or final orders resulting from an action by any local, state, or federal environmental, hazardous waste, or public health enforcement agency?

(For the purposes of this form, a notice of violation does not constitute an order and need not be reported unless it was not corrected and became a final order.)

- If you answered Yes, check this box and attach a listing of convictions, judgments, settlements, or orders and a copy of the cover sheet from each document. (See the Instructions for more information)

VI. ATTACHMENTS:

1. A plot plan/map detailing the location(s) of the covered unit(s) in relation to the facility boundaries.
2. A unit specific notification form for each unit to be covered at this location.

VII. CERTIFICATIONS: *This form must be signed by an authorized corporate officer or any other person in the company who has operational control and performs decision-making functions that govern operation of the facility (per title 22, California Code of Regulations (CCR) section 66270.11). All three copies must have original signatures.*

Waste Minimization I certify that I have a program in place to reduce the volume, quantity, and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment.

Tiered Permitting Certification I certify that the unit or units described in these documents meet the eligibility and operating requirements of state statutes and regulations for the indicated permitting tier, including generator and secondary containment requirements. I understand that if any of the units operate under Permit by Rule or Conditional Authorization, I will also be required to provide required financial assurances by January 1, 1994, and conduct a Phase I environmental assessment by January 1, 1995.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete.

I am aware that there are substantial penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Chris Burman
Name (Print or Type)

CBurman
Signature

V.P. Manufacturing Sciences
Title

10-27-93
Date Signed

OPERATING REQUIREMENTS:

Please note that generators treating hazardous waste onsite are required to comply with a number of operating requirements which differ depending on the tier(s) under which one operates. These operating requirements are set forth in the statutes and regulations, some of which are referenced in the Tier-Specific Factsheets.

SUBMISSION PROCEDURES:

You must submit two copies of this completed notification by certified mail, return receipt requested, to:

Department of Toxic Substances Control
Form 1772
Onsite Hazardous Waste Treatment Unit
400 P Street, 4th Floor (walk in only)
P.O. Box 806
Sacramento, CA 95812-0806.

You must also submit one copy of the notification and attachments to the local regulatory agency in your jurisdiction as listed in the instruction materials. You must also retain a copy as part of your operating record.

All three forms must have original signatures, not photocopies.

CONDITIONALLY AUTHORIZED

UNIT SPECIFIC NOTIFICATION
(pursuant to Health and Safety Code Section 25200.3)

UNIT NAME Neutralization Tank

UNIT ID NUMBER #1

NUMBER OF TREATMENT DEVICES: 1 Tank(s) Container(s)

Each unit must be clearly identified and labeled on the plot plan attached to Form 1772. Assign your own unique number to each unit. The number can be sequential (1, 2, 3) or you may use any system you choose.

Enter the estimated monthly total volume of hazardous waste treated by this unit. This should be the maximum or highest amount treated in any month. Indicate in the narrative (Section II) if your operations have seasonal variations.

I. WASTESTREAMS AND TREATMENT PROCESSES:

Estimated Monthly Total Volume Treated: pounds and/or 36,630 gallons

The following are the eligible wastestreams and treatment processes. Please check all applicable boxes:

1. Aqueous wastes hazardous solely due to inorganics constituents, except asbestos, listed in title 22, CCR, section 66261.24(a)(1)(B) or (a)(2)(A) and which contain less than 1,400 ppm total of these constituents. (There is no volume limit for this wastestream.) Treatment is using:

- a. Phase separation, including precipitation, by filtration, centrifugation, or gravity settling, including the use of demulsifiers and flocculants.
- b. Ion exchange, including metallic replacement,
- c. Reverse osmosis
- d. Adsorption
- e. pH adjustment of aqueous waste with a pH of between 2.0 and 12.5
- f. Electrowinning of solutions, unless those solutions contain hydrochloric acid
- g. Reduction of solutions hazardous solely due to hexavalent chromium, to trivalent chromium with sodium bisulfite, sodium metabisulfite, sodium thiosulfate, ferrous chloride, ferrous sulfate, ferrous sulfide, or sulfur dioxide. The solution contains less than 750 ppm of hexavalent chromium.

2. Aqueous wastes hazardous solely due to organic constituents listed in title 22, CCR, section 66261.24(a)(1)(B) or (2)(B) and which contain less than 750 ppm total of these constituents. (There is no volume limit for this wastestream.) Treatment is using:

- a. Phase separation by filtration, centrifugation, or gravity settling, but excluding super critical fluid extraction.
- b. Adsorption

3. Sludges resulting from wastewater treatment, dusts, solid metal objects, and metal workings which are hazardous solely due to the presence of constituents, except asbestos, listed in title 22, CCR, section 66261.24(a)(1)(B) or (a)(2)(A) and which, for dusts only, contain less than 750 ppm total of these constituents. The monthly volume treated in this unit does not exceed 5,000 gallons or 45,000 pounds. Treatment is using:

- a. Physical processes which constitute treatment only because they change the physical properties of the waste, such as filtration, centrifugation, gravity settling, grinding, shredding, crushing, or compacting.
- b. Drying to remove water.
- c. Separation based on differences in physical properties, such as size, magnetism, or density.

CONDITIONALLY AUTHORIZED UNIT SPECIFIC NOTIFICATION (pursuant to Health and Safety Code Section 25200.3)

- 4. Alum, gypsum, lime, sulfur, or phosphate sludges. The monthly volume treated in this unit does not exceed 5,000 gallons or 45,000 pounds. Treatment is using:
a. Drying to remove water.
b. Phase separation by filtration, centrifugation, or gravity settling.
5. Special wastes listed in title 22, CCR, section 66261.120 that meet the criteria in title 22, CCR, section 66261.122 which is hazardous solely due to the constituents, except asbestos, listed in title 22, CCR, section 66261.24(a)(1)(B) or (a)(2)(A) and which contain less than 750 ppm total of these constituents. The monthly volume treated in this unit does not exceed 5,000 gallons or 45,000 pounds. Treatment is using:
a. Drying to remove water.
b. Phase separation by filtration, centrifugation, or gravity settling.
c. Screening to separate components based on size.
d. Separation based on differences in physical properties, such as size, magnetism, or density.
6. Special wastes classified under title 22, CCR, section 66261.124 as special wastes, except asbestos, which is hazardous solely due to the constituents, except asbestos, listed in title 22, CCR, section 66261.24(a)(1)(B) or (a)(2)(A) and which contain less than 750 ppm total of these constituents. The monthly volume treated in this unit does not exceed 5,000 gallons or 45,000 pounds. Treatment is using:
a. Drying to remove water.
b. Phase separation by filtration, centrifugation, or gravity settling.
c. Magnetic separation.
7. Soils contaminated with metals listed in title 22, CCR, section 66261.24 (a)(2)(A). The monthly volume treated in this unit does not exceed 5,000 gallons or 45,000 pounds. Treatment is using:
a. Screening to separate components based on size.
b. Magnetic separation.
8. Oil mixed with water and oil/water separation sludges. (There is no volume limit for this wastestream.) Treatment is using:
a. Phase separation by filtration, centrifugation, or gravity settling, but excluding super critical fluid extraction, including the use of demulsifiers and flocculants. Heat can be used, but must not exceed 160 degrees Fahrenheit.
b. Separation based on differences in physical properties, such as size, magnetism, or density.
c. Reverse osmosis.
9. Neutralization of acidic or alkaline wastes, hazardous solely due to corrosivity or toxic only from the acid or caustic material, in elementary neutralization units. (There is no volume limit for this wastestream.)
a. The waste contains less than 10 percent acid or base constituents by weight. There is no volume limit for this category.
b. The waste contains 10 percent or more acid or base constituents by weight and is treated in batches that do not exceed 500 gallons at one time.
10. Recovery of silver from photofinishing. The volume limit for conditional authorization is 5,000 gallons per unit in any calendar month.

**CONDITIONALLY AUTHORIZED
UNIT SPECIFIC NOTIFICATION**
(pursuant to Health and Safety Code Section 25200.3)

11. Spent cleaners and conditioners which are hazardous solely due to copper or copper compounds with less than 5000 ppm copper. The volume limit for conditional authorization is 1,000 gallons of this wastestream per facility in any calendar month. (These cleaners are limited to surfactants and detergents and do not contain microetch, etchant, plating or metal stripping solutions or solutions containing oxidizers, or any cleaner based on organic solvents). (These wastestreams and processes are only conditionally authorized until January 1, 1995, unless extended by the Department.) Treatment is using:

- a. Phase separation, including precipitation, by filtration, centrifugation, or gravity settling, including the use of demulsifiers and flocculants.
- b. Ion exchange, including metallic replacement,
- c. Reverse osmosis
- d. Adsorption
- e. pH adjustment of aqueous waste with a pH of between 2.0 and 12.5
- f. Electrowinning of solutions, unless those solutions contain hydrochloric acid

II. **NARRATIVE DESCRIPTIONS:** *Provide a brief description of the specific waste treated and the treatment process used.*

- 1. SPECIFIC WASTE TYPES TREATED: See Attachment

- 2. TREATMENT PROCESS(ES) USED: See Attachment

III. **RESIDUAL MANAGEMENT:** *Check Yes or No to each question as it applies to all residuals from this treatment unit.*

- | YES | NO | |
|-------------------------------------|-------------------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1. Do you discharge non-hazardous aqueous waste to a publicly owned treatment works (POTW)/sewer? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 2. Do you discharge non-hazardous aqueous waste under an NPDES permit? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 3. Do you have your residual hazardous waste hauled offsite by a registered hazardous waste hauler?
If you do, where is the waste sent? <i>Check all that apply.</i> |
| | <input type="checkbox"/> | a. Offsite recycling |
| | <input type="checkbox"/> | b. Thermal treatment |
| | <input type="checkbox"/> | c. Disposal to land |
| | <input type="checkbox"/> | d. Further treatment |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 4. Do you dispose of non-hazardous solid waste residues at an offsite location? |
| <input type="checkbox"/> | <input type="checkbox"/> | 5. Other method of disposal. Specify: <u>N/A</u> |
-

**CONDITIONALLY AUTHORIZED
UNIT SPECIFIC NOTIFICATION
(pursuant to Health and Safety Code)**

IV. BASIS FOR NOT NEEDING A FEDERAL PERMIT:

In order to demonstrate eligibility for one of the onsite treatment tiers, facilities are required to provide the basis for determining that a hazardous waste permit is not required under the federal Resource Conservation and Recovery Act (RCRA) and the federal regulations adopted under RCRA (Title 40, Code of Federal Regulations (CFR)).

Choose the reason(s) that describe the operation of your onsite treatment units:

- 1. The hazardous waste being treated is not a hazardous waste under federal law although it is regulated as a hazardous waste under California state law.
- 2. The waste is treated in wastewater treatment units (tanks), as defined in 40 CFR Part 260.10, and discharged to a publicly owned treatment works (POTW)/sewering agency or under an NPDES permit. 40 CFR 264.1(g)(6) and 40 CFR 270.2.
- 3. The waste is treated in elementary neutralization units, as defined in 40 CFR Part 260.10, and discharged to a POTW/sewering agency or under an NPDES permit. 40 CFR 264.1(g)(6) and 40 CFR 270.2.
- 4. The waste is treated in a totally enclosed treatment facility as defined in 40 CFR Part 260.10; 40 CFR 264.1(g)(5).
- 5. The company generates no more than 100 kg (approximately 27 gallons) of hazardous waste in a calendar month and is eligible as a federal conditionally exempt small quantity generator. 40 CFR 260.10 and 40 CFR 261.5.
- 6. The waste is treated in an accumulation tank or container within 90 days for over 1000 kg/month generators and 180 or 270 days for generators of 100 to 1000 kg/month. 40 CFR 262.34, 40 CFR 270.1(c)(2)(i), and the Preamble to the March 24, 1986 Federal Register.
- 7. Recyclable materials are reclaimed to recover economically significant amounts of silver or other precious metals. 40 CFR 261.6(a)(2)(iv), 40 CFR 264.1(g)(2), and 40 CFR 266.70.
- 8. Empty container rinsing and/or treatment. 40 CFR 261.7.
- 9. Other: Specify: _____

V. TRANSPORTABLE TREATMENT UNIT: Check Yes or No. Please refer to the instructions for more information.

YES NO

Is this unit a Transportable Treatment Unit?

If you answered yes, you must also complete and attach Form 1772E to this page.

The Tier-Specific Factsheets contain a summary of the operating requirements for this category. Please review those requirements carefully before completing or submitting this notification package.

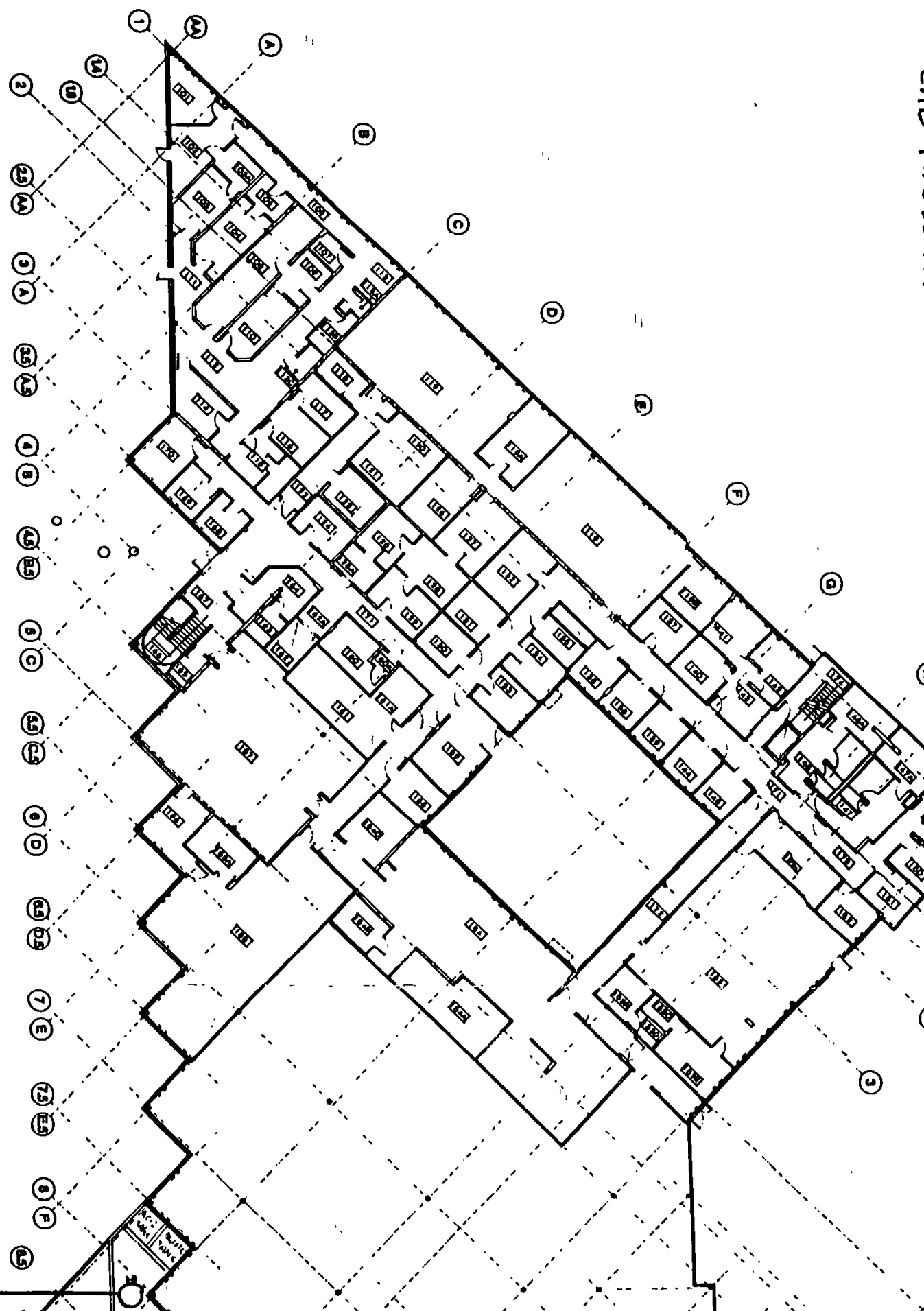
CAD 982410243

1. **Specific waste types treated:** General waste from the buffer prep and purification areas is collected into the general waste surge tank (this includes sinks, drains, tanks and clean steam condensate lines). Wastes from the fermentation tanks are first fed through a heat exchanger and raised to temperature of 80 C for a minimum of 45 seconds. The waste is then cooled and sent to the neutralization tank.

2. **Treatment process(es) used:** Waste neutralization is performed on a continuous overflow basis. A constant volume of approximately 100 - 150 gallons is automatically controlled at pH 6 to 8 with a maximum operating temperature of 60 C (140 F). As waste from the surge tanks (biological and general) is fed into the neutralization tank, redundant pH measurements are continuously made and concentrated acid (sulfuric or phosphoric) or 30% sodium hydroxide is pumped into the stirred neutralization tank, as necessary. Flow to the sewer will be provided on the controls and bypass valves to further protect against out-of-range waste flowing to the sewer. (estimated usage of acid = 50 - 150 gallons per month and the estimated usage for the caustic is approximately 50 - 100 gallons per month. A PLC will be used to control all aspects of the waste system including tank level controls, level alarms for the tanks and overflow pits, sumps and automated valve operation, temperature-control and neutralization.

Separate containment areas for acids and caustics, designed to contain 150% of the volumes in the event of leakage will be in the mechanical areas. Waste pits for the biological and general waste tanks are each 12' X 7.5' X 12' deep, the biological pit is in the mechanical room and the general waste pit is located in the mechanical pad. Should it be necessary in the event of equipment failure, these pits could contain eight (8) tank volumes.

LOWER LEVEL FLOOR PLAN



INTRA COMMUNICATION MARKER

Enclosed are the instructions
required by the Medical
of medical waste in Ca

The MWMA specifies
approved to operate a

The application form
questions regarding th

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GENERAL

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VIII.

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IDEC

Part I. General

Section C. Application

1. Estimation

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2. Specification

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Section B

1. Total
kgs.)

Part IX.

Map

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IOBEEC
PHARMACEUTICALS
CORPORATION

11011 TORREYANA ROAD

SAN DIEGO, CALIFORNIA 92121



IOECC

**PHARMACEUTICALS
CORPORATION**

11011 TORREYANA ROAD

SAN DIEGO, CALIFORNIA 92121

MEDICAL WASTE Operation and M

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I. Equipment

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DATE 8.13.1993

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SIC Code: 2831

1. Business Name ID

2. Business Site Address

3. Business Telephone

4. Brief description

AND RESEARCH FOR

5. Evacuation Procedure

NOTIFICATION VIA PUBLIC

MEET IN PRE-DESIGN

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Spills of Hazardous
Chemical material
an evacuation is w
exiting the building

The type of spill th
"spills" of small qu
likely incidents ma
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In the event of a sp

A. Immediately

I. General Orientation

It is the policy of the Department of the Environment for the Hazard Awareness Program to ensure that the public is aware of their rights and responsibilities and to ensure that the general public is aware of the

Employee Name: _____

Date: _____

**The Following Agents May be Ordered Without Additional Written
Authorization of the Biological Safety Officer or Chair of the Institutional
Biosafety Committee**

This list was last amended on: 12/8/97

Antibody Discovery and Immunology Labs

<u>Agent</u>	<u>Strain</u>	<u>Notes</u>
Cytomegalovirus		Herpes type (DNA)
Epstein-Barr	B95-8	chronically infected cell line
Herpes-Papilloma	3945-1055	chronically infected cell line.
HIV-1 *	A012G691-6	AZT resistant
HIV-1 *	AO12G762-3	AZT resistant
HIV-1 *	AO18H112-2	AZT resistant
HIV-1 *	SF162	chronically infected cell line
HIV-1 *	SF2	chronically infected cell line
HIV-1 *	NIT	chronically infected cell line
HIV-1 *	C8166-45	chronically infected cell line, does not express HTLV-1
HIV-2 *	ST	chronically infected cell line
HIV-2 *	MS	chronically infected cell line
HTLV-III *	IIIB	chronically infected cell line
HTLV-III *	MN	chronically infected cell line
HTLV-III *	RF	chronically infected cell line
LAV-1 *	LAV 04	chronically infected cell line
LAV-1 *	8E5	chronically infected cell line

* Denotes material that is being stored at low temperature, but is not currently being used.

Respiratory Syncytial virus	A C-8 P6(2)	cell free virus (DNA)
Respiratory Syncytial virus	LONG (C1-2)	cell free virus (DNA)
SIV *	mac251	chronically infected cell line
SIV *	mac186	chronically infected cell line
Vaccinia *	WR	cell free virus, ds DNA, 400 nm.
Vaccinia *	VVgag	cell free virus, ds DNA, 400 nm.

* Denotes material that is being stored at low temperature, but is not currently being used.

QC Microbiology (Identity Testing)

<u>Agent</u>	<u>Strain</u>	<u>Notes</u>
Aspergillus Niger	ATCC 16404	lyophilized
Bacillus Subtilis	ATCC 6633	lyophilized
Candida Albicans	ATCC 10231	lyophilized
Clostridium Sporogenes	ATCC 11437	lyophilized
Escherichia Coli	ATCC 8739	lyophilized
Pseudomonas Aeruginosa	ATCC 9027	lyophilized
Staphylococcus Aureus	ATCC 9027	lyophilized

Manufacturing (Viral Removal Studies)

<u>Agent</u>	<u>Strain</u>	<u>Notes</u>
Herpes Simplex I virus		ds DNA, 150 nm enveloped
Herpes-Papilloma virus		ds DNA, non-enveloped
Polio virus		ss RNA, 25-30 nm, non-enveloped
Simian virus 40	SV40	ds DNA, 45 nm, non-enveloped
Xenotropic Murine Leukemia virus		RNA, 80-110 nm, enveloped retrovirus

* Denotes material that is being stored at low temperature, but is not currently being used.

RECEIVED

AUG 29 11 52 AM '97

ENVIRONMENTAL
HEALTH SERVICES

MODIFICATIONS TO APPLICATION

ON-SITE MEDICAL WASTE TREATMENT FACILITY PERMIT

SUBMITTED TO:

SAN DIEGO COUNTY
DEPT. OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT DIVISION

BY:

IDEC PHARMACEUTICALS
11011 TORREYANA ROAD
SAN DIEGO, CA 92121

AUGUST, 1997

I. GENERAL

A. Type of Permit Requested

Place an "X" on the appropriate line below to indicate the type of permit being applied for:

1. Type of Treatment

a. Steam Sterilization

b. Incineration

c. Other State DHS approved method (please specify):

B. Facility Status

Place an "X" on the appropriate line to indicate whether this application is for a new or existing facility.

1. New Facility

2. Existing Facility

If an existing facility, please indicate the purpose of this application. Place an "X" on the appropriate line below to indicate whether this is a renewal application, a facility modification, transfer of ownership, revised application, or a initial request for permit.

a. Initial Request for Permit

b. Modification

c. Transfer of Ownership

d. Permit Revision

e. Permit Renewal

C. Application Information (Note: Provide the information requested below on a separate page attached to the completed application.)

1. Estimated Weight and Volume *See attachment 1.*

A summary of the weight or volume of medical waste handled or expected to be handled during the permit period. For renewals, the amount handled during the previous permit period.

2. Special Occurrences

A listing of any special occurrences such as fires, injury, property damage, accident or other unusual occurrences, or incidents involving medical waste which have occurred at the facility during the previous three years.

3. Compliance History

A description of your compliance history relative to local, state, or federal regulation regarding the handling, storage, or treatment of medical waste during the previous three years. Include information from other facilities under your control for the same period.

II. FACILITY INFORMATION

A. Facility Name IDEC PHARMACEUTICALS

B. Facility Contact Person(s)

1. Name (last, first, middle initial) and Job Title:

THOMPSON, MARK L., MANAGER II, ENVIRONMENTAL, HEALTH, & SAFETY

2. Telephone Number (area code and number):

(619) 550-8613

C. Facility Mailing Address

1. Street, Route Number, or P.O. Box Number

11011 TORREYANA ROAD

2. City or Town, State, and Zip Code:

SAN DIEGO, CA 92121

D. Facility Location (if different from above)

1. Street, Route Number or other specific site location, or address:

(SAME AS ABOVE)

2. City or Town, State and Zip Code:

3. Telephone Number (area code and number):

()

E. Ownership status HELD PUBLICLY ~~BY~~ COMPANY

(Federal, state, local government, or other public or private entity.)

III. OPERATOR INFORMATION

A. Name IDEC PHARMACEUTICALS

B. Owner or Operator ..IDEC PHARMACEUTICALS

Is the name listed in III. (A.) above also the owner?

1. Yes

2. No

If no, please complete the following additional information.

a. Telephone Number (area code and number):

() _____

b. Street or P.O. Box Number:

c. City or Town, State, and Zip Code:

IV. FACILITY OWNER

A. If the facility owner is also the facility operator as listed in III. above, disregard the B. portion of this section.

B. If the facility owner is not the facility operator as listed in III. above, complete the following items.

1. Name of legal owner of facility:

2. Telephone Number (area code and number):

() _____

3. Street or P.O. Box Number:

4. City, State, and Zip Code:

V. ENVIRONMENTAL CLEARANCES

A. Pursuant to Section 65610, Chapter 21, California Code of Regulations, provide all necessary information relating to environmental clearances/permits as required.

See attachment 2.

1. A copy of the environmental impact report (EIR) or negative declaration prepared by the lead agency or evidence that a lead agency is preparing or will prepare environmental documentation, if applicable.
 2. Other information (please specify):
-

VI. MAP

See attachment 3.

Attach to this application a map extending for one mile beyond the property boundary identifying access roads and the type of development surrounding the facility (e.g. residential, commercial, recreational, schools, etc.)

VII. PRIMARY ACTIVITIES OF THE FACILITY

See attachment 4.

Provide a description of the nature and activities of the business which requires a permit.

VIII. FACILITY INFORMATION

See attachment 5.

A. Provide the following facility information.

1. Average monthly quantity of medical waste to be stored and/or treated on property.
2. The rated capacity per operational cycle, the time per cycle, the number of operating hours per day, and days per week of operation.
3. Type and description of medical waste being treated. What measures are employed to prevent unauthorized waste (i.e. chemical waste, chemotherapy waste, etc.) from being treated at the facility?

B. Total capacity of primary waste storage area in use.

IX. FACILITY PLAN

See attachment 6.

Provide a site map of the facility with a description of the ingress, egress, medical waste storage area(s), treatment facility location, security measures, and other areas which will be used as a part of the ongoing operation.

X. OPERATION PLAN

Append a copy of the facility Medical Waste Operation Plan and Procedures with this application.

See attachment 7. + 8.

XI. EMERGENCY ACTION PLAN

Append a copy of your Emergency Action Plan with this application.

See attachment 9.

XII. TRAINING PLAN

Append a copy of your employee Training Plan for medical waste management with this application.

See attachment 10.

XIII. CLOSURE PLAN

Append a copy of your Closure Plan and a written estimate of the cost of closing the medical waste storage and treatment areas.

See attachment 11.

XIV. MONITORING SCHEDULE

Append a copy of the Monitoring Schedule, the schedule for installation of monitoring equipment and a copy of the Operating Procedures for maintenance and testing of the monitoring equipment.

N/A.

GO TO PAGE 8.



County of San Diego

DANIEL J. AVERA
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
P.O. BOX 85261, SAN DIEGO, CA 92186-5261
(619) 338-2222 FAX (619) 338-2377

January 6, 1998

Mr. Mark Thompson
IDEC Pharmaceuticals
11011 Torreyana Road
San Diego, CA 92121

ONSITE TREATMENT PERMIT APPLICATION NOTICE OF DEFICIENCY

SITE: 11011 TORREYANA ROAD, SAN DIEGO, CA 92121

Dear Mr. Thompson:

On August 29, 1997, your application for an onsite medical waste treatment facility permit modification was received by the County of San Diego, Hazardous Materials Management Division (HMMD). A review of your application has determined deficiencies in the following areas:

1. Attachment 5: Section VIII. Facility Information;

Please be advised that double, red plastic bagging of solid medical waste is required in the local County Medical Waste Management Ordinance, but is not required in the State Medical Waste Management Act. The County has chosen to enforce the State requirements of single red bag for medical waste collection. You may modify your procedures from a double, red plastic bag to a single red plastic bag. If you choose to do so, please amend the appropriate sections of your permit application to reflect the modification in your procedure.

2. Attachment 7: Section X. Operation Plan;

1. Waste Handling and Segregation:

Biohazardous waste should be handled by trained personnel, in accordance with the California Health & Safety Code, Part 14, the County Medical Waste Management Ordinance and the California Code of Regulations Title 22.

Red bags should be tied to prevent leakage (HSC 118280 (a)), then sealed with autoclave tape. The leak resistant plastic containers equipped with lids to store red bag and sharps waste must be leak resistant, have tight-fitting covers that are labeled with the words "Biohazardous Waste" or the international biohazardous symbol and the word "BIOHAZARD" on the lid and on the sides so as to be visible from any lateral direction

P. Jackson
cut/RRR
P4 37-435-849

(HSC 118280 (b)). Please add the italicized language to your Waste Handling and Segregation section of your plan.

32. Storage Procedures and Storage Time: Red bags have a seven (7) day maximum storage time *from first use of bag*. Include this storage time limit to your plan and implement it in your operations. Your plan currently states that 'biohazardous waste is kept no more than 30 days before being treated.' This 30 day timeline clearly exceeds the 7 day maximum storage time for red bags from first use of bag. Clarify in your plan that red bags will be autoclaved when they reach the maximum storage time of 7 days from the time of first use. Note that sharp containers have a maximum storage time of seven days after sharp containers become full.
43. Spill/Leak Procedures, Clean Up, Decontamination: In case of a larger leak, the liquid may be decontaminated in place using a liquid decontaminant such as bleach (10%) or a microbicide detergent. Please expand on this section to describe contact time for the liquid decontaminant and procedures to follow to assure that all spill liquid was rendered nonhazardous and decontaminated. Specifically list the State approved disinfectants to be used and their required concentration and contact time.

Attachment 8: Operating Procedures for Waste Sterilizer

3. Section 6.0 Procedural Notes: Subsection 6.2: Include maximum storage times for sharps instead of 'pick-ups are arranged on an as needed basis.' In Section 6.3, include the maximum storage times for red bag waste prior to treatment.
4. Section 8.0 Documentation: Retention of Sterilizer Run Logs, Sterilizer Monthly Test Forms, and Chart Recordings; Subsection 8.2.1: Keep all Sterilizer logs and records for a minimum of three (3) years, not 2 years.

Attachment 9: Emergency Action Plan

5. In Section 5, PWN or an equivalent waste hauler will be contacted to do a pick up if equipment will be down for more than 24 hours. In Section 7, PWN will be contact to pick-up and dispose of waste if equipment will be down for more than 72 hours. It is unclear why one emergency requires a 24 hour response and the other only a 72 hours response given waste generation would remain constant in both circumstances. Please standardize the time for contacting a licensed waste hauler in case of emergency.

Medical Waste Management Plan

6. The Medical Waste Management Plan lists Liquids (cultures, urine, etc.) described as vacuum flask to be treated with bleach, then sewered. The Medical Waste Management Act (MWMA) does not permit the treatment of laboratory waste with bleach, then its release into the sewer system. Liquid or semiliquid laboratory waste as defined in HSC Section 117635 and microbiological specimens cannot be discharged into a public sewer (HSC Section 118215). The liquid laboratory waste generated at your facility must be contained and

Mr. Thompson

January 6, 1998

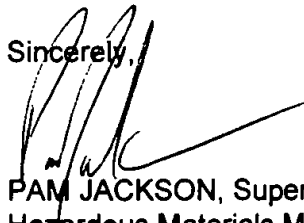
treated via one of the approved methods described in HSC Section 118215. These approved methods include incineration, steam sterilization or any alternative medical waste treatment method approved by the department. After liquid medical waste is rendered nonhazardous, it may then be sewered with the approval of your local sewer agency. The MWMA Section 117700 (a) exempts biotechnology waste that does not contain an infectious agent as defined in Section 117675 from being medical waste. If the liquid vacuum flask waste falls within this exemption, then it may be treated with bleach, then sewered. The concern is that all liquid waste containing infectious agents must be properly treated, most commonly by autoclaving. If bleach is being used to disinfect the liquid, then it may be infectious and should therefore be properly treated by autoclaving. Any exemptions must be clearly defined and explained in your application.

7. **SIGNAGE:** Please add a section in your plan that describes biohazardous waste storage room signage. All designated accumulation areas used for the storage of medical waste containers should be marked with a warning sign in accordance to HSC Section 118310. The wording of warning signs shall be in English, "CAUTION – BIOHAZARDOUS WASTE STORAGE AREA – UNAUTHORIZED PERSONS KEEP OUT," and in Spanish "CUIDADO – ZONA DE RESIDUOS – BIOLÓGICOS PELIGROSOS – PROHIBIDA LA ENTRADA A PERSONAS NO AUTORIZADAS," or in another language, in addition to English, determined to be appropriate by the infection control staff.

Please make the requested modifications to your permit application and send them to my attention, Pam Jackson, 338-2472, PO Box 129261, San Diego, CA 92112-9261 (NOTE: this is a new address).

If you have any questions, please give me a call (619) 338-2472.

Sincerely,



PAM JACKSON, Supervising Hazardous Materials Specialist
Hazardous Materials Management Division

CC: Dale DeWeese, EHS
Scott Weldon, EHS
File #H14775

CERTIFIED MAIL/RRR

On-Site Medical Waste Permit Applic; A:\IDECnod

1-16-98
Pam,
FYI
with

is your RETURN ADDRESS completed on the reverse side?

SENDER:
■ Complete Items 1 and/or 2 for additional services.
■ Complete Items 3, 4a, and 4b.
■ Print your name and address on the reverse of this form so that we can return this card to you.
■ Attach this form to the front of the mailpiece, or on the back if space does not permit.
■ Write "Return Receipt Requested" on the mailpiece below the article number.
■ The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. Addressee's Address
2. Restricted Delivery
Consult postmaster for fee.

3. Article Addressed to:

Mr. Mark Thompson
IDEC Pharmaceuticals
11011 Torreyana Road
San Diego, CA 92121

4a. Article Number
P437-435-849

4b. Service Type
 Registered
 Express Mail
 Return Receipt for Merchandise COD

7. Date of Delivery
JAN 9 1998
SAN DIEGO CA
USPS

5. Received By: (Print Name)
STEVE SCHLEMMER

8. Addressee's Address (Only if requested and fee is paid)

6. Signature: (Addressee or Agent)
[Signature]

PS Form 3811, December 1994

Domestic Return Receipt

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• Print your name, address, and ZIP Code in this box •

Department of Environmental Health
Hazardous Materials Management Division
P. O. Box 129261
San Diego, CA 92112-9261
(619) 338-2222

ATTN: NITA Prescott
For Pam Jackson

IDEC

Pharmaceuticals Corporation

3030 CALLAN ROAD
SAN DIEGO, CALIFORNIA 92121
619/550-8500 • FAX 619/458-8887

RECEIVED

AUG 24 10 35 AM '98

ENVIRONMENTAL
HEALTH SERVICES

8/21/98

Pam Jackson
San Diego County, Department of Environmental Health
Hazardous Materials Management Division
P.O. Box 12961
San Diego, CA 92112-9261

Dear Pam,

This letter is submitted as follow-up to your inspection on July 22. In response to the corrective actions noted in your report IDEC is providing the following information:

- 1) The autoclave located in room 257 has been re-added to IDEC's internal calibration schedule, and calibration will be performed on an annual basis from now on. Paperwork indicating that the temperature and pressure indicators are routinely being inspected every two months by an external vendor have been tracked down, and the two most recent reports are attached. These documents support our position that the unit continues to function as intended with respect to proper waste treatment.
- 2) The capacity for the autoclave located in room 257 has been set at 30 lbs., which is roughly equivalent to two autoclave bags full of waste. The autoclave SOP has been revised to reflect this value.
- 3) The handling instructions for animal carcass waste have been expanded (an updated version is attached).

If you have any additional questions please contact me at 619-458-8822.

Sincerely,



Mark Thompson
Manager, EH&S

IDEC PHARMACEUTICALS CORPORATION
PREVENTIVE MAINTENANCE PROTOCOL

UNIT DESCRIPTION: Autoclave, 20x20 Amsco Eagle 3000-Stage 3, VAC

UNIT SERIAL NUMBER: 010259303

LOCATION: Microbiology Lab

INSPECTION FREQUENCY: Bimonthly

DATE OF INSPECTION: 7/30/98

PROCEDURES:

1. Inspect both door operations for correct radial arm hand-wheel, and pivot and hinge movement. Clean and lubricate or repair as required.

PASS () FAIL COMMENTS: OK

2. Inspect door gaskets for damage and serviceability. Clean or replace as required.

PASS () FAIL COMMENTS: OK

3. Confirm door safety diaphragm operation. Repair or replace as required. Confirm door safety switch operation.

PASS () FAIL COMMENTS: OK

4. Inspect all incoming utility strainers and jacket trap strainer. Clean or replace as required.

PASS () FAIL COMMENTS: OK

5. Inspect Jacket and Chamber traps and any auxiliary traps. Rebuild, clean, or replace as required.

PASS () FAIL COMMENTS: OK

6. Inspect and confirm correct operation of all solenoid valves both mechanically and electrically. Rebuild or replace as required.

PASS () FAIL COMMENTS: OK

7. Confirm correct operation of all manual control valve operations and confirm leak free.

PASS () FAIL COMMENTS: OK

8. Inspect printer assembly and paper take-up motor for correct operation including proper print density. Repair or adjust as required.

PASS () FAIL COMMENTS: OK

9. Inspect jacket safety valve for proper operation and leakage. Replace as required.

PASS () FAIL COMMENTS: *OK*

10. Confirm correct operation of the pressure regulator valve. Confirm valve stops for high and low set points. Adjust, rebuild or replace as required.

PASS () FAIL COMMENTS: *OK*

11. Inspect fresh air inlet filter. Replace if soiled or damaged.

PASS () FAIL COMMENTS: *OK*

12. Confirm proper operation of cycle select touch pads and switch operations including display. Repair or replace as required.

PASS () FAIL COMMENTS: *OK*

13. Verify correct temperature/pressure calibration.

TEMPERATURE: MEASURED: 121.3 Deg C DISPLAYED: 121.0 Deg C

PRESSURE: MEASURED: 18 PSIG DISPLAYED: 17 PSIG

COMMENTS: 10 minute Sterilize with a 5 minute Dry cycle at 132 Deg C

14. Perform final test cycle and confirm unit free of leaks. Perform Bowie-Dick air removal test. Perform leak test and confirm within specifications. If unit fails test repair or adjust as required to meet specifications. Confirm chamber strainer clear.

PASS () FAIL COMMENTS: *OK*

15. Additional Comments:

Autoclave is operating properly.

STS TECHNICIAN: Carl Millard DATE: 7/30/98

**IDEC PHARMACEUTICALS CORPORATION
PREVENTIVE MAINTENANCE PROTOCOL**

UNIT DESCRIPTION: Autoclave, 20x20 Amsco Eagle 3000-Stage 3, VAC

UNIT SERIAL NUMBER: 010259303

LOCATION: Microbiology Lab

INSPECTION FREQUENCY: Bimonthly

DATE OF INSPECTION: March 25, 1998
9th

PROCEDURES:

1. Inspect both door operations for correct radial arm hand-wheel, and pivot and hinge movement. Clean and lubricate or repair as required.
 PASS () FAIL COMMENTS: NO REPAIRS NEEDED.
2. Inspect door gaskets for damage and serviceability. Clean or replace as required.
 PASS () FAIL COMMENTS: GASKETS ARE IN GOOD CONDITION.
3. Confirm door safety diaphragm operation. Repair or replace as required. Confirm door safety switch operation.
 PASS () FAIL COMMENTS: NO REPAIRS NEEDED.
4. Inspect all incoming utility strainers and jacket trap strainer. Clean or replace as required.
 PASS () FAIL COMMENTS: STRAINERS ARE CLEAN.
5. Inspect Jacket and Chamber traps and any auxiliary traps. Rebuild, clean, or replace as required.
 PASS () FAIL COMMENTS: TRAPS ARE IN GOOD CONDITION.
6. Inspect and confirm correct operation of all solenoid valves both mechanically and electrically. Rebuild or replace as required.
 PASS () FAIL COMMENTS: NO REPAIRS NEEDED.
7. Confirm correct operation of all manual control valve operations and confirm leak free.
 PASS () FAIL COMMENTS: UNIT LEAK FREE.
8. Inspect printer assembly and paper take-up motor for correct operation including proper print density. Repair or adjust as required.
 PASS () FAIL COMMENTS: NO ADJUSTMENTS NEEDED.

9. Inspect jacket safety valve for proper operation and leakage. Replace as required.

PASS () FAIL COMMENTS: NO REPAIRS NEEDED.

10. Confirm correct operation of the pressure regulator valve. Confirm valve stops for high and low set points. Adjust, rebuild or replace as required.

PASS () FAIL COMMENTS: NO ADJUSTMENTS NEEDED.

11. Inspect fresh air inlet filter. Replace if soiled or damaged.

PASS () FAIL COMMENTS: FILTER IN GOOD CONDITION.

12. Confirm proper operation of cycle select touch pads and switch operations including display. Repair or replace as required.

PASS () FAIL COMMENTS: NO REPAIRS NEEDED.

13. Verify correct temperature/pressure calibration.

TEMPERATURE: MEASURED: 133.4 Deg C DISPLAYED: 132.8 Deg C

PRESSURE: MEASURED: 25.8 PSIG DISPLAYED: 25 PSIG

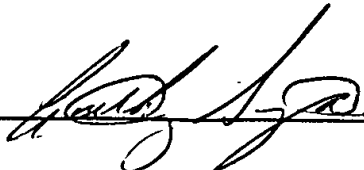
COMMENTS: 10 minute Sterilize with a 5 minute Dry cycle at 132 Deg C

14. Perform final test cycle and confirm unit free of leaks. Perform Bowie-Dick air removal test. Perform leak test and confirm within specifications. If unit fails test repair or adjust as required to meet specifications. Confirm chamber strainer clear.

PASS () FAIL COMMENTS: UNIT IS FULLY OPERATIONAL.

15. Additional Comments:

STS TECHNICIAN:



DATE:

5-25-98

OPERATIONS PLAN

Waste Collection And Handling

Animal Carcass Waste

1. Animal carcasses that are not suspected of being infected with a disease communicable to humans, or known to have been contaminated with a viable micro-organism, are not considered medical waste. This waste is handled as a regulated solid waste, and red biohazard bags are not to be used. Animal carcasses are to be placed into zip-lock bags and placed into a dedicated freezer for cold storage prior to disposal. Animal carcasses are stored on-site for pick-up and disposal by D &D Disposal Services, or an equivalent waste hauler. Refrigerated carcasses must be picked up in 7 days, frozen carcasses in 90 days.
2. If animal carcasses are generated that have been exposed to infectious agents then lab employees are instructed to notify the biowaste coordinator so that special waste pick-up arrangements can be made with IDEC's waste broker. This waste is handled as medical waste, and red biohazard bags are to be used. Animal carcasses are stored on-site for pick-up and disposal by PWN Environmental, or an equivalent waste hauler. Refrigerated carcasses must be picked up in 7 days.



3030 CALLAN ROAD
SAN DIEGO, CALIFORNIA 92121
619/550-8500 • FAX 619/458-8887

RECEIVED

June 12, 1998

JUN 17 10 58 AM '98

Pam Jackson
San Diego County, Department of Environmental Health
Hazardous Materials Management Division
P.O. Box 129261
San Diego, CA 92112-9261

ENVIRONMENTAL
HEALTH SERVICES

Ref. IDEC's Medical Waste Treatment Facility Permit and Waste Management Plan

Dear Pam,

This letter is submitted in response to your letter dated January 6, 1998 regarding IDEC's medical waste treatment permit. Listed below are the deficiencies noted in your letter and the actions taken by IDEC in response. Our medical waste management plan has been modified to reflect these changes, and I have attached a copy of the revised plan for your review.

Item 1. Attachment 5: Section VIII. Facility Information.

1. Facility Information

Subject: DEH indicates that IDEC has the option to discontinue double bagging solid medical waste.

Action: IDEC will continue its current practice of double bagging solid medical waste.

Item 2. Attachment 7: Section X. Operation Plan.

1. Waste Handling and Segregation.

Subject: DEH indicates that IDEC needs to expand the description of the labeling used containers of solid waste medical.

Action: IDEC has modified it's medical waste management plan as specified.

2. Storage Procedures and Storage Time.

Subject: DEH indicates that IDEC needs to clarify the holding time for solid medical waste prior to treatment.

Action: IDEC has modified it's medical waste plan to include instructions for treating medical waste within 7 days of the first use of the bag.

3. Spill/Leak Procedures, Clean Up, Decontamination.

Subject: DEH indicates that IDEC needs to expand the description of spill response procedures to include information on recommended disinfectants and contact time.

Action: IDEC has modified its medical waste management plan to identify the disinfectants used during spill clean-up and specify the contact time required as per HSC Section 118295.

Items 3 and 4. Attachment 8: Operating Procedures for the Waste Sterilizer

1. Section 6.0, Subsection 6.2.

Subject: DEH indicates that IDEC needs to clarify the instructions on holding-time for solid medical waste and sharps waste.

Action: IDEC has modified its treatment SOP to include a maximum hold time for sharps prior to pick-up (7 days after full), a maximum hold time for medical solid waste prior to treatment (7 days from start of bag), a maximum hold time for liquid medical waste prior to treatment (7 days from start of collection), and a maximum hold time for pharmaceutical waste prior to pick-up (90 days). To facilitate compliance on sharps management IDEC's waste broker has been instructed to make weekly pick-ups of the sharps containers held in the waste storage area. The frequency of collection and the regular treatment of solid waste generated in the laboratory areas currently satisfies the requirements of DEH for maximum hold-time.

2. Section 8.0, Subsection 8.2.1.

Subject: DEH indicates that IDEC needs to change the instructions on retention time for logs and records maintained as part of the waste treatment operation.

Action: IDEC has modified its treatment SOP to include a three year minimum retention period rather than two years.

Item 5. Attachment 9: Emergency Action Plan

1. Failure of Equipment Due to Mechanical Problem or Loss of Power.

Subject: DEH indicates that IDEC needs to standardize the time for calling a licensed waste hauler following failure of equipment due to mechanical problem or loss of power.

Action: IDEC has modified it's medical waste management plan to standardize the time allowed for calling a licensed waste hauler following failure of equipment.

Items 6 and 7. Medical Waste Management Plan

1. Use of Bleach in Treating Waste Liquids.

Subject: DEH indicates that IDEC is to use those treatment methods specified in HSC Section 118215 when treating liquid waste that meets the definition of medical waste.

Action: IDEC will comply with HSC Section 118215 when treating infectious waste. The medical waste management plan and exposure control plan have been modified to provide instruction on liquid waste management, specifying autoclaving at the required treatment method.

2. Signage

Subject: DEH indicates that IDEC is to modify the medical waste management plan by specifying the wording of the signage used to identify the waste accumulation area.

Action: IDEC will modify it's medical waste management plan to indicate the wording of the signage currently used to identify the waste accumulation/storage area. The signs currently in-place on the door leading to the storage room bear the following phrase in both English and Spanish: "Warning, BioHazard, Authorized Personnel Only".

If you have any further question please contact me at (619) 458-8822.

Sincerely,



Mark Thompson

**MEDICAL WASTE
MANAGEMENT PLAN**

**IDEC Pharmaceuticals Corporation
11011 Torreyana Road
San Diego CA 92121**

June 1998

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GENERAL INFORMATION

Description Of The Waste Generated

Research and Development

The R&D laboratories at IDEC generate a variety of solid and liquid waste that meets of the definition of medical waste. Solid medical waste consists primarily of disposable items such as culture dishes, bench paper, gloves and other plastic or paper items used in the laboratories. Liquid medical waste may consist of bacterial, viral, or fungal culture specimens, or other liquids known to contain infectious agents. Sharps waste consists of hypodermic needles, glass microscope slides, discarded micro-tome blades, and other disposable glass items used in the laboratories. Medical waste in the form of solid, liquid, and sharps waste is managed as a regulated waste in accordance with the Medical Waste Management Act.

In addition to generating solid and liquid medical waste the R&D laboratories generate a variety of waste solutions designated as liquid biological waste. While this liquid consists primarily of spent culture media and is not known to contain infectious agents, it is labeled as a potentially infectious material in accordance with the Bloodborne pathogens standard. Biological waste is commonly found in the vacuum flasks located underneath the biological safety cabinets. This waste is managed as a special form of laboratory waste in accordance with IDEC's Exposure Control Plan.

Commercial Operations

The commercial operations division generates pharmaceutical waste on an irregular basis. Since waste pharmaceuticals are currently classified as medical wastes by the State of California this waste is collected and disposed of as a regulated waste in accordance with the Medical Waste Management Act. Used Cunno filters generated in the manufacturing facility contain cells used as part of the production process; these filters do not meet the definition of medical waste and are therefore exempt from having to be managed as a medical waste (HSC Section 117700). Used Cunnos are currently autoclaved prior to disposal as regular solid waste, in accordance with the regulations of the U.S. FDA.

Vivarium

The vivarium generates a small amount of animal carcass waste each month. Since this waste does not contain any infectious agent it is not managed as a medical waste (HSC Section 117635). Carcass waste is disposed of using a licensed waste hauler in accordance with State solid waste regulations. Laboratory personnel are instructed to contact a member of the EH&S Department if they anticipate using infectious agents in the vivarium so that special medical waste management arrangements can be made.

GENERAL INFORMATION

Waste Segregation And Security Systems

1. Medical waste in the form of solid, liquid, and sharps waste is segregated from regular solid waste using distinctive labels and containers.
2. Waste removed from the laboratory areas is taken to a waste treatment/storage area located outside the main building. Access to the waste treatment/storage area is restricted to authorized personnel by means of a locked gate. The gate leading into the waste treatment/storage area bear the following phrase in both English and Spanish: "Authorized Personnel Only".
3. Inside the gated area is the building the contains the autoclave. Outside of normal working hours the doors leading to the autoclave are locked shut. The signs currently in-place on the door leading to the autoclave bear the following phrase in both English and Spanish: "Warning, BioHazard, Authorized Personnel Only" and a copy of the biohazard symbol.
4. Maintenance personnel are present on-site after normal working-hours and on the weekend. These employees have received bloodborne pathogens training and are familiar with the layout of the autoclave area; maintenance personnel serve as emergency response personnel for this area should the need arise.
5. Safety Department personnel are not present on-site after normal working hours or on weekends, but can be reached via pagers if the need arises.
6. The building housing the waste treatment autoclave is equipped with an automatic sprinkler system. A facility wide alarm monitoring system is connected to this sprinkler system and monitors it 24 hours a day.

GENERAL INFORMATION

Measures Employed To Prevent Unauthorized Waste From Being Treated

1. Medical waste is collected from the laboratory areas by a trained member of the EH&S department, in accordance with the procedures set forth in this plan. After being taken to the waste storage area all medical waste (both solid and liquid) is treated using a steam autoclave; only authorized personnel are allowed to operate the autoclave.
2. Medical waste in the form of solid, liquid, and sharps waste is collected using distinctive labels and containers; hazardous and radioactive waste is packaged and handled in a separate manner, and laboratory personnel are trained to recognize the difference between each type. Written waste handling procedures are made available to all laboratory personnel. Laboratory personnel are instructed to contact a member of the EH&S Department if they are unsure as to the classification of a particular type of waste prior to attempting disposal.
3. Janitorial support staff do not handle biohazardous waste as part of their duties, and have been instructed to avoid biohazard waste containers when working in the laboratory areas.

OPERATIONS PLAN

Waste Collection And Handling

Solid Medical Waste

1. Solid medical waste is collected in the labs using RED autoclavable plastic bags displaying the universal biohazard symbol (Baxter catalog No. A9511-13 or equivalent). These bags are available from the biowaste coordinator. Each bag is pre-printed with IDEC's name, phone number and mailing address. Biohazard waste bags are to be used in sets of two (an inner bag and an outer bag) as additional protection during waste handling. If pre-printed bags are not available, company address labels may be added to the bags individually provided that labels are attached both bags.
2. When in-use the red biohazard bags are held in leak resistant plastic containers equipped with tight-fitting lids (Baxter Scientific Products catalog No. A9520-13 or equivalent). These containers are available from the biowaste coordinator.
3. Both the containers and their lids are labeled with the phrase "Biohazardous Waste" or the international biohazard symbol and the word " Biohazard". Container labeling is attached in such a manner that these warnings are visible from any direction.
4. Removal of solid waste from the laboratories is the responsibility of the biowaste coordinator. Waste pick-up is made each week on a continuous basis.
5. When the red bags are full a heat resistant rubber band is placed around the neck of the bag to keep the waste secure. The bag is then removed from the container and placed on the biowaste cart. A set of replacement bags are then put into the container.
6. The closed bags are transported to the waste accumulation/storage where they will be autoclaved following the SOP for the Autoclave Decontamination of Medical Waste. Prior to autoclaving, solid waste is kept in rigid, leakproof containers equipped with lids.
7. Following autoclaving, all red bags are placed into a lockable dumpster located adjacent to the storage area.

OPERATIONS PLAN

Waste Collection And Handling

Liquid Medical Waste

1. Liquid medical waste is collected in the labs using disposable containers equipped with strong lids that are suitable for autoclaving.
2. Liquid waste containers are equipped with labels bearing the phrase "Biohazardous Waste" or the international biohazard symbol and the word "Biohazard". Each container is also equipped with a label bearing IDEC's name, phone number, mailing address, and a piece of autoclave tape.
3. When using a vacuum system for liquid medical waste collection an in-line filter shall be placed between the flask and the vacuum line to prevent the accidental aspiration of materials into the vacuum system. Replacement filters are available from the Health and Safety Department.
4. Removal of liquid waste from the laboratories is the responsibility of the biowaste coordinator and the user. When liquid medical waste containers are ready for disposal the user is to contact the biowaste coordinator. The biowaste coordinator shall retrieve the waste and transport it to the waste treatment/storage area. During transport the liquid waste containers are to be placed into closed secondary containment in such a manner to provide containment if the primary vessel fails.
5. Liquid waste transported to the waste accumulation/storage area will be autoclaved following the SOP for the Autoclave Decontamination of Medical Waste. Prior to autoclaving, liquid waste is kept in rigid, leakproof containers equipped with lids.
6. Following autoclaving, liquid waste is disposed of via discharge to the sanitary sewer; laboratory sinks may be used for this purpose. After they are emptied the containers are to be allowed to dry and then discarded as solid medical waste.

OPERATIONS PLAN

Waste Collection And Handling

Sharps Waste

1. Sharps items are collected separately from solid medical waste using rigid, leak proof, puncture proof, permanently sealable containers displaying the universal biohazard symbol (Devon "Sharps-A-Gator," catalog No. 4802 or Sherwood Medical "Monoject," catalog No. 8881-676814 or equivalent). These containers are available from the biowaste coordinator.
2. Each sharps container is to be labeled with IDEC's name, phone number and address. Sharps containers shall have their lids attached before use and shall be used once and discarded.
3. Removal of sharps waste from the laboratories is the responsibility of the biowaste coordinator. When the sharps containers are full the tops are sealed using the sealing device built into the container. Sharps containers are considered full when their contents exceed 50 % of their total internal volume.
4. Sharps containers transported to the waste accumulation/storage are held for pick-up by PWN Environmental, or an equivalent waste hauler. Prior to pick-up sharps containers are to be kept in rigid, leakproof containers equipped with lids.

3/4

OPERATIONS PLAN

Waste Collection And Handling

Pipettes

1. Contaminated pipettes are collected in cylindrical jars equipped with two appropriately sized red biohazard bags (as described above) and a lid. These jars are leak proof, rigid plastic jars displaying universal biohazard symbol (Nalgene catalog No. 52420050, Baxter catalog No. J3020-6 or equivalent). These containers are available from the biowaste coordinator. Note: Glass Pasteur pipettes are considered sharps due to their tendency to break, and should not be disposed of via the pipette jars; Pasteur pipettes are to be disposed of via the sharps containers.
2. Warning signs and labels used on the pipette jars are equivalent to those attached to the larger containers.
3. Removal of the pipette waste from the laboratories is the responsibility of the biowaste coordinator. Waste pick-up is made each week on a continuous basis.
4. When the bags lining the pipette jars are full a heat resistant rubber band is placed around the neck of the bag to keep the waste secure. The bags are then removed from the container and placed on the biowaste cart. A set of replacement bags are then put into the container.
5. Pipette bags transported to the waste accumulation/storage area will be autoclaved following the SOP for the Autoclave Decontamination of Medical Waste. Prior to autoclaving, pipette bags are kept in rigid, leakproof containers equipped with lids.
6. Following autoclaving, all red bags are placed into a lockable dumpster located adjacent to the storage area.

OPERATIONS PLAN

Waste Collection And Handling

Waste Pharmaceuticals

1. The disposition of waste pharmaceutical product is controlled by IDEC's Materials Review Board.
2. Waste pharmaceuticals are collected in labeled containers and held for pick-up by PWN, or an equivalent waste hauler, in accordance with the Quality SOP(s) created for this purpose and in accordance with the SOP for the Preparation and Shipment of Pharmaceutical Waste.
3. Disposal records for waste pharmaceuticals are maintained on file with the Health and Safety Department and with the Quality Department.

OPERATIONS PLAN

Waste Collection And Handling

Liquid Biological Waste

1. Liquid biological waste is defined as a waste liquid generated in the laboratory that contains biological materials but does not contain agents that are infectious to humans or animals. This waste classification includes human blood and spent culture media from non-infectious cell lines.
2. Liquid biological waste is collected in the laboratories using closed containers. This waste may be collected using vacuum flasks located on the bench tops or underneath the Biological Safety Cabinets. When using a vacuum system for liquid medical waste collection an in-line filter shall be placed between the flask and the vacuum line to prevent the accidental aspiration of materials into the vacuum system. Replacement filters are available from the Health and Safety Department.
3. Liquid waste containers are equipped with labels bearing the phrase "Biohazardous Waste" or the international biohazard symbol and the word "Biohazard".
4. Each container used to collect liquid biological waste is to be equipped with secondary containment in the form of a plastic tub or similar device.
5. Bleach shall be added to these containers in order to maintain a minimum concentration of 10% by volume at all times. If media containing phenol red is being collected the presence of a pink color is a sign that you do not have enough bleach.
6. Lab personnel are expected to empty the biowaste vacuum flasks servicing their bench areas (or Biological Safety Cabinets) at least monthly. The sinks serving the research and development laboratories may be used for this purpose.

OPERATIONS PLAN

Waste Collection And Handling

Animal Carcass Waste

1. Animal carcasses that are not suspected of being infected with a disease communicable to humans, or known to have been contaminated with a viable micro-organism are not considered medical waste. This waste is handled as a regulated solid waste, and red biohazard bags are not used. Animal carcasses are to be placed into zip-lock bags and placed into a dedicated freezer for cold storage prior to disposal. Animal carcasses are stored on-site for pick-up and disposal by D &D Disposal Services, or an equivalent waste hauler.
2. If animal carcasses are generated that have been exposed to infectious agents then lab employees are instructed to notify the biowaste coordinator so that special waste pick-up arrangements can be made with IDEC's waste broker.

OPERATIONS PLAN

Storage Procedures And Storage Time

1. Medical waste is removed from the laboratories on a regular basis by the biowaste coordinator and transported to the waste treatment/storage area.
2. Waste brought to the waste treatment/storage area will be held until it is autoclaved or picked-up by PWN (or an equivalent waste hauler).
3. The storage time for medical waste is as follows:
 - a. The maximum hold-time for solid waste prior to treatment is 7 days from start of collection (i.e. from start of bag).
 - b. The maximum hold time for sharps waste prior to pick-up is 7 days from the point at which they are removed from the laboratory.
 - c. The maximum hold time for liquid medical waste is 7 days from start of collection.
 - d. The maximum hold time for pharmaceutical waste is 90 days.

OPERATIONS PLAN

Run Capacity And Operational Schedule For The Autoclave

1. The rated capacity of the steam autoclave per operational cycle has been set at 100 pounds of solid waste or 5 gallons of liquid waste.
2. The autoclave is run on an as-needed basis depending on the amount of waste present and the operators daily schedule. The unit is generally operated Monday through Friday between 8 a.m. and 5 p.m., but can be run outside of these times (i.e. weekends) if necessary.

OPERATIONS PLAN

Operating Procedures For The Steam Autoclave

Written instructions for the use of the waste autoclave are available in the form of a Standard Operating Procedure for the Autoclave Decontamination of Medical Waste.

OPERATIONS PLAN

Schedule Of Inspection And Calibration Of Equipment

Maintenance and testing of the medical waste autoclave is covered under for SOP for the Autoclave Decontamination of Medical Waste. This SOP includes provisions for operational inspection of the unit, monthly spore testing, verification of accuracy, maintenance, and records retention.

EMERGENCY ACTION PLAN

Exposure Incidents

1. High-risk exposure incidents usually involve liquids other potentially infectious materials introduced through intact skin or splashed onto mucous membranes or broken or abraded skin of the employee.
2. If liquids are involved and your face or eyes have been exposed go to a safety shower or eye wash station immediately and rinse the exposed areas. If liquids are involved and your clothing or skin is overtly contaminated then clean go to the nearest washroom and begin decontamination. If the exposure involves large portions of your body then showering with germicidal soap is recommended. Contaminated clothing should be bagged and held for decontamination.
3. Any employee sustaining a high-risk exposure is to notify his/her supervisor immediately after decontamination.
4. After notification of the supervisor a BioSafety Incident Report form is to be completed and submitted to a member of the Human Resources Department or the BSO. The standard Accident Report form may be initially used to report an exposure incident, with the BioSafety Incident Report form completed as soon as possible. Accident report forms are available from the BSO or the Human Resources department.
5. Following an exposure incident each employee receives a confidential medical evaluation and follow-up. The medical evaluation should include documentation of the route(s) of exposure and the circumstances under which the exposure occurred. The medical evaluation should also include identification and documentation of the source individual, unless IDEC can establish that identification is not possible or prohibited by state or local law. The source individual is defined as any person, living or dead, whose blood or other potentially infectious materials may be a source of occupational hazard to the employee. In the absence of a source individual the report would identify the potentially infectious agent involved.
6. When the source of exposure is human blood, the source individual's blood is tested as soon as possible and after consent is obtained to determine HBV and HIV infectivity. If consent is not obtained, documentation that legally required consent cannot be obtained is needed. When the source individual's consent is not required by law, the source individual's blood, if available, is tested and the results documented.
7. When the source individual is already known to be infected with HBV or HIV, testing for the source individual's known HBV or HIV status is not repeated.

EMERGENCY ACTION PLAN

Exposure Incidents (continued)

8. Results of the source individual's testing are made available to the exposed employee, and the employee is informed of applicable laws and regulations concerning disclosure of the identity and infectious status of the source individual.
9. After consent is obtained a sample of the exposed employee's blood will be collected for testing. If the employee consents to baseline blood collection but does not give consent at that time for HIV serologic testing, the sample is preserved for at least 90 days. If within 90 days of the exposure incident, the employee elects to have the baseline sample tested, the testing is done as soon as feasible.
10. Any antibody or antigen testing, counseling, illness reporting, and/or safe and effective post-exposure prophylaxis is conducted according to standard recommendations for medical practice by the evaluating physician. In the case of an exposure incident IDEC provides the evaluating physician with a copy of section 5193 of Title 8 California Code of Regulations (Bloodborne Pathogens) and a description of the affected employee's duties as they relate to the employee's occupational exposure.

EMERGENCY ACTION PLAN

Liquid Spill Clean-Up

1. Inform any employees present in the immediate area as to what has happened and contact the BSO (or alternate). If exposure has occurred, immediately begin personal decontamination.
2. Request assistance from co-workers in dealing with the spill.
3. Before starting clean-up put on protective equipment in the form of a lab coat or apron, disposable latex or rubber gloves, and eye protection. Respiratory protection may also be warranted if aerosols are known or suspected.
4. Locate cleaning supplies if they are not already available.
5. Cover the liquid with absorbent paper towels. Using a 10 % bleach solution (500 ppm available chlorine) wet the paper towels such that the entire area of the spill is covered. Add disinfectant slowly to the outer margin of spill and allow it to flow inward.
6. Allow the disinfectant to act for 20 minutes, then add additional towels to absorb all standing liquids.
7. Using a dust pan and broom, or forceps, transfer all contaminated materials into an autoclave bag held in an autoclavable tub or pan. Secure the bag by sealing it with a rubber band and autoclave it according to the SOP for the Autoclave Decontamination of Medical Waste. If sharps items were generated during the spill they are to be into a new sharps container for disposal.
8. Any tools used during clean-up are to be disposed of as medical waste unless they can be autoclaved and re-used.
9. In accordance with the instructions printed on the container use Vespore or Vesphene II to clean the spill area. Allow the cleaning agent to remain in contact with the spill area for 20 minutes. Soak up residual liquids with paper towels and place them into an autoclave bag held in an autoclavable tub or pan. Secure the bag by sealing it with a rubber band and autoclave it according to the SOP for the Autoclave Decontamination of Medical Waste.
10. Remove and discard protective clothing.
11. Inform the BSO (or alternate) that clean-up is complete.
12. Obtain and fill out a BioSafety Incident Report Form. Forward the completed form to the BSO within 24 hours.

EMERGENCY ACTION PLAN

Solid Spill Clean-Up

1. Inform any employees present in the immediate area as to what has happened.
2. Locate and put on protective equipment in the form of a lab coat or apron, disposable latex or rubber gloves, and eye protection.
3. Locate cleaning supplies if they are not already available.
4. Using a dust pan and broom, or forceps, transfer all contaminated materials into an autoclave bag. Secure the bag by sealing it with a rubber band and autoclave it according to the SOP for the Autoclave Decontamination of Medical Waste. If sharps items were generated during the spill they are to be placed into a new sharps container for disposal.
5. Any tools used during clean-up are to be disposed of as medical waste unless they can be autoclaved and re-used.
6. In accordance with the instructions printed on the container use Vespore or Vesphene II to clean the spill area. Allow the cleaning agent to remain in contact with the spill area for 20 minutes. Soak up residual liquids with paper towels and place them into an autoclave bag held in an autoclavable tub or pan. Secure the bag by sealing it with a rubber band and autoclave it according to the SOP for the Autoclave Decontamination of Medical Waste.
7. Remove and discard protective clothing.
8. Obtain and fill out a BioSafety Incident Report Form. Forward the completed form to the BSO within 24 hours.

EMERGENCY ACTION PLAN



Fire Emergencies

1. If an employee discovers a fire in the autoclave area, the employee should determine if the fire can be contained by use of a portable fire extinguisher.
2. If they are not sure, or are unable to contain the fire, they should go to the closest pull station and activate the alarm.
3. Partially destroyed waste items are assumed to be contaminated and are to be treated according to the SOP for the Autoclave Decontamination of Medical Waste.

EMERGENCY ACTION PLAN

Earthquake

1. Following an earthquake the BSO will assist in determining if the autoclave is safe to use.
2. If the autoclave will be out of service as a result of the earthquake, and waste needs to be autoclaved, PWN, or an equivalent waste hauler, will be called in to pick up and dispose of the waste. The services of PWN, or an equivalent waste hauler, will be utilized until the problem has been resolved.

EMERGENCY ACTION PLAN

Equipment Failure Prior To A Run

1. In the case of equipment failure prior to a run the operator is to notify the BSO.
2. Following notification of the BSO the operator is to attempt re-start the unit. If the autoclave fails to function the operator is to contact Maintenance to determine the cause of the failure.
3. Any waste loaded into the autoclave at the time of the loss of power is to be removed and held for disposal as medical waste. Prior to pickup the waste will be stored in rigid leakproof containers equipped with lids and the identified with the universal biohazard symbol.
4. If the autoclave will be down for less than 24 hours then waste processing will commence when the equipment is operational. If the equipment will be down for more than 24 hours then PWN, or an equivalent waste hauler will be contacted to pick up and dispose of the waste on hand at the time. The services of PWN, or an equivalent waste hauler, will be utilized until the problem has been resolved.

EMERGENCY ACTION PLAN

Equipment Failure During A Run

1. In the case of equipment failure during a run the operator is to attempt re-start the cycle and run the load again.
2. If the autoclave fails to complete a cycle again the operator is to notify the BSO.
3. If the cycle was interrupted but the chamber is still pressurized then the operator may attempt to resolve the problem by using the manual exhaust controls. No attempt to open the autoclave door should be made until the chamber pressure gauge indicates zero. If the chart recorder indicates that the load was exposed to 121 for 60 minutes then the waste is considered non-infectious and can be thrown out according to the SOP for the Autoclave Decontamination of Medical Waste.
4. If the cycle cannot be completed manually then the operator is to notify the Maintenance Department. The operator is to inform Maintenance as to what has happened and the type of load present. Utilizing personal protective equipment in the form of gloves, aprons, disposable booties, body coverings, and respiratory protection an attempt is to be made to open the door to the unit and inspect for any problems. Waste recovered from the autoclave following an incomplete run will be stored on-site for treatment or pick-up by a licensed waste hauler.
5. If the problem cannot be resolved, then IDEC's contract maintenance/service vendor will be called.
6. If the autoclave will be down for less than 24 hours processing will commence when the equipment is operational. If the equipment will be down for more than 24 hours then PWN (or an equivalent waste hauler) will be contacted to pick up and dispose of the waste on hand at the time. The services of PWN, or an equivalent waste hauler, will be utilized until the problem has been resolved.
7. Prior to pickup the waste will be stored in rigid leakproof containers equipped with lids and the identified with the universal biohazard symbol.

EMERGENCY ACTION PLAN

Waste Inadvertently Sent To Disposal Site Without Treatment

1. If waste is inadvertently sent to the disposal site prior to treatment then the licensed hauler will be contacted.
2. The BSO, or alternate, is to go to the disposal site and identify the waste, if possible.
3. PWN, or an equivalent licensed waste hauler, will be contacted to pick up the waste at the landfill and transport it for disposal.

EMERGENCY ACTION PLAN

Power Outages

1. In the case of equipment failure due to power outage the operator is to notify the BSO.
2. Following notification of the BSO the operator is to contact Maintenance to determine the reason behind the loss of power. If the loss of power is limited to the autoclave then the operator is to have Maintenance inspect the unit.
3. Power interruptions may be unexpected or the result of a planned, temporary shut-down. If power will be down for less than 24 hours then waste treatment will commence when the power has been restored.
4. If the equipment will be down for more than 24 hours then PWN (or an equivalent licensed waste hauler) will be contacted to pick-up and dispose of the waste on-hand at the time. The services of PWN (or an equivalent licensed waste hauler) will be utilized until the situation has been resolved.

TRAINING PLAN

1. The employees authorized to operate the autoclave are given instruction regarding medical waste collection practices and the contents of the medical waste management plan.
2. This instruction covers the use of appropriate personal protective equipment (PPE) during routine operation of the equipment and emergency situations. (A training syllabus is attached.)
3. Operation of the autoclave itself will be explained in detail using the Standard Operating Procedure. The supervisor will ensure that the operator has read and fully understands the SOP prior to using the equipment.
4. Employees using the autoclave are fully trained in safety practices employed during routine operation of the equipment and emergency situations.
5. Annual refresher training on the operation of the autoclave and the contents of the Medical Waste Management Plan are provided those members of the EH&S Department responsible for biowaste management.

CLOSURE PLAN

1. If the facility were to discontinue usage of the autoclave, medical waste would be disposed of by a licensed medical waste management contractor.
2. If the facility were to close, IDEC will contract PWN (or equivalent licensed waste hauler) to assist in the decontamination of the autoclave area and remove any waste that has not been autoclaved. The anticipated cost for shutdown and removal of the treatment unit is expected to be less than \$5000.

H14775

H14775

CERTIFICATION OF FINANCIAL ASSURANCE FOR PERMIT BY RULE AND CONDITIONALLY AUTHORIZED OPERATIONS

(See Attached Instructions)

FOR OFFICIAL USE ONLY
DTSC REGIONAL OFFICE _____

or use by owner or operator of transportable treatment unit, owner or operator of fixed treatment unit operating under Permit y Rule, or a generator operating pursuant to a grant of Conditional Authorization.

- Initial Certification
 - Amended Certification
 - Annual Certification
- Put an asterisk in the left margin next to the amended information.*

GENERAL INFORMATION

A. TYPE OF OPERATION:

- PBR-FTU
- PBR-TTU
- CA
- OTHER _____

If operation is a TTU, insert TTU serial number: _____

B. FACILITY/TTU EPA ID NO: C A D 9 8 1 5 8 3 4 7 9 _

C. FACILITY/TTU NAME: IDEC Pharmaceuticals Corporation

D. ADDRESS OR LEGAL DESCRIPTION OF FACILITY/TTU LOCATION:

11011 Torreyana Road

CITY: San Diego CA ZIP CODE: 92121

COUNTY: USA

E. MAILING ADDRESS:

11011 Torreyana Road

CITY: San Diego STATE: CA ZIP CODE: 92121

F. CONTACT PERSON:

Thomson Mark

LAST NAME FIRST NAME

TELEPHONE NUMBER (619) 458 - 8822

G. FACILITY OWNER OR OPERATOR INFORMATION:

Is the signer of this certification the: Owner or Operator?

NAME: IDEC Pharmaceuticals Corporation

ADDRESS: 11011 Torreyana Road

CITY: San Diego STATE: CA ZIP CODE: 92121

TELEPHONE NUMBER: (619) 458 - 8822

FINANCIAL ASSURANCE FOR CLOSURE:

A. ESTIMATED CLOSURE COSTS: \$ 3K - 6K (Please see instructions before entering any dollar amount)

B. TYPE OF CLOSURE ASSURANCE MECHANISM: Not applicable

C. MECHANISM IDENTIFICATION NUMBER(S): # Not applicable
(if applicable)

D. FINANCIAL INSTITUTION, INSURANCE OR SURETY COMPANY, OR OTHER ORGANIZATION:

NAME: N/A

ADDRESS: _____

CITY: _____ STATE: _____ ZIP CODE: _____

E. EFFECTIVE DATE OF CLOSURE ASSURANCE MECHANISM: N/A

F. ORIGINAL DOCUMENT(S) ATTACHED:

- Attach the original document(s) used to satisfy the closure financial assurance requirements.
- Attach the detailed closure cost estimate that resulted in the cost shown in item A (see attached model.)

EXEMPTION FROM FINANCIAL ASSURANCE REQUIREMENTS:

This section is for an owner or operator of TTU, owner or operator of FTU, or a generator operating pursuant to a grant of Conditional Authorization who is eligible or ineligible for an exemption from financial assurance requirements pursuant to Title 22, CCR section 67450.13(e). If you are not certain as to whether you qualify for an exemption from financial assurance, please see instruction for this section.

Please check the appropriate box:

1. As a TTU owner or operator or FTU owner or operator, I have not operated more than thirty days in a calendar year.

Note: If box (1) is marked, your treatment unit(s) must be operating under PBR to be eligible for the 30 day exemption. Generators operating under Conditional Authorization are not eligible for this exemption. Be sure to sign the owner or operator certification below.

2. I am required to provide a mechanism and it is attached to this form.

Note: If box (2) is marked, you must complete all sections of this form (DTSC 1232 (8/96)). Be sure to sign the owner or operator certification below.

3. I am not required to provide a mechanism. Specify why: Closure costs estimated to be less than \$10,000.

Note: If box (3) is marked, please sign the owner or operator certification below and attach your self-certification letter to this form.

OWNER OR OPERATOR CERTIFICATION:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

MaRK Thompson

NAME (PRINT OR TYPE)

Manager, Environmental Health and Safety

TITLE

SIGNATURE

2/19/98
DATE SIGNED



BONSALL PETROLEUM CONSTRUCTION, INC.

General Contractor For the Petroleum Industry

February 11, 1998
98P-10

Mr. Mark Thompson
IDEC Pharmaceutical

PROJECT: IDEC PHARMACEUTICAL

Dear Mr. Thompson;

Thank you for the opportunity to provide a bid for the above project.

Our bid includes the following work:

Triple rinse, remove, transport and dispose of one 500 gallon above ground storage tank.

TOTAL BID AMOUNT **\$2,000.00**

Notes:

- 1) If underground utilities or hazards interfere in the proposed excavation areas or are damaged during excavation, the cost of removal, repair or relocation of same shall be borne by the owner.

Exclusions:

- 1) Permits, bonds and fees.
- 2) Excavation, transportation and/or disposal of contaminated material.

If you have any questions or require any additional information, please contact our office at (760) 631-0342.

Sincerely,

Tom Perrault
License 682742

FRED NORTH CONSTRUCTION CO., INC.
GENERAL CONTRACTORS3110 Florence Terrace
Spring Valley, CA 91978Lic. No. 579715
(619) 669-1768
FAX (619) 669-1766

February 12, 1998

Mr. Mark Thompson
IDEC Pharmaceuticals Corporation
11011 Torreyana Road
San Diego, CA 92121

SUBJECT: COST ESTIMATE FOR NEUTRALIZATION TANK REMOVAL

Mr. Thompson,

We are pleased to present our cost estimate for the services you requested in your letter dated January 27, 1998 to remove one 500 gallon aboveground tank used for waste neutralization. This cost estimate is in accordance with your letter and the following scope of services.

SCOPE OF SERVICES

Empty contents and clean 500 gallon neutralization tank.
(Contents and rinsate are assumed to be directly discharged to sewer with no off-site disposal.)
Disconnect associated components and alarms connected to the tank and leave on site for client disposition.
Disconnect associated piping from tank prior to removal.
Remove and dispose 500 gallon FRP tank off-site.
Install new piping to connect influent to effluent line in place of removed tank.

COST ESTIMATE FIXED PRICE: \$ 5,600.00

This estimate is for the services requested and discussed herein. Anything not specifically discussed is excluded. To my knowledge, no construction related Permits are required. However, your Industrial Waste Water Discharge Permit may need to be amended to reflect the tank removal from the process. This would be IDEC's responsibility.

Please contact me if further information is needed. Thank you for this opportunity to be of service, we look forward to assisting you with this project.

Sincerely,

Fred North
E98-612



January 5, 1998

M C Hull
 Idec Pharmaceuticals Corp
 11011 Torreyana Rd
 La Jolla, CA 92037
 EPA ID #CAD981583479

Pete Wilson
 Governor

Peter M. Rooney
 Secretary for
 Environmental
 Protection

Cal/EPA

Department of
 Toxic Substances
 Control

245 West Broadway,
 Suite 350
 Long Beach, CA
 90802-4444

Dear Ms. Hull:

This is to advise you that the Department of Toxic Substances Control (DTSC) has not received documentation showing that you are in compliance with financial assurance requirements associated with your Permit-by-Rule (PBR) or Conditional Authorization (CA) unit(s).

The California Health and Safety Code (HSC), sections 25245.4(a)(1)(B) and 25245.4(b)(1)(B), require all active PBR and CA businesses to provide financial assurance for closure by October 1, 1996. Title 22, California Code of Regulations (Cal. Code Regs.), section 67450.13(a)(8), requires businesses to submit documentation showing compliance with these financial assurance requirements to the DTSC and the Certified Unified Program Agency (CUPA) with jurisdiction for your business, by January 1, 1997. This documentation consists of a Certification of Financial Assurance for Permit by Rule and Conditional Authorization Operations (DTSC Form 1232) with the appropriate financial documents.

On September 11, 1996, a request to submit the required Certification was initially mailed out by DTSC to all active PBR and CA businesses. As of December 18, 1997, DTSC had not received your facility's Certification for financial assurance for closure (DTSC Form 1232).

Failure to provide DTSC with those documents is a violation of title 22, Cal. Code Regs., section 67450.13(a)(8).

To correct this violation you are required to submit to this office within sixty (60) days of receipt of this letter:

1. A written cost estimate itemizing each closure activity;
2. The financial documents to satisfy the requirements of financial assurance for closure costs. The financial documents must be in the form of a trust fund, surety bond, letter of credit, closure insurance, financial test/corporate guarantee, or alternative mechanism; and

January 5, 1998
Page 2

3. A Certification of Financial Assurance for PBR and CA Operations
(DTSC Form 1232).

If you meet the conditions of Title 22, Cal. Code Regs., section 67450.13(d) [closure cost estimate does not exceed \$10,000], or (e) [facility's PBR unit operated no more than 30 days in any calendar year], you are not required to submit financial documents, but only the DTSC Form 1232 and the closure cost estimate. The required form is enclosed for your convenience.

If DTSC does not receive the appropriate documentation of your compliance within the specified time frame, you will be issued a Report of Violation. A Report of Violation is the first step in DTSC's formal enforcement process. Failure to comply with the financial assurance requirement could subject your facility to formal enforcement action with penalties up to \$25,000 per day.

If you have any questions regarding the financial assurance for closure requirements, their applicability to your treatment unit(s) or the content of this letter, please contact Mr. Nabil H. Yacoub at (562) 590-5542.

Sincerely,



for

Stephen W. Lavinger, Chief
State Regulatory Programs Branch
Southern California Region

Enclosure

Certified Mail
Return Receipt Requested

cc: See next page.

January 5, 1998
Page 3

cc: Mr. Donald Johnson, Chief
Headquarters State Regulatory Branch
Department of Toxic Substances Control
P.O. Box 806, Mail Stop HQ-10
Sacramento, California 95812-0806

Mr. Charles McLaughlin, Chief
State Regulatory Programs Branch
Northern California Region
Department of Toxic Substances Control
10151 Croydon Way, Suite 3
Sacramento, California 95827-2106

Local CUPA

**Manufacturer Operating Procedures,
Maintenance Schedules, and Schematics**

Autoclaves A1 and A2

IMM

SERVICE MANUAL

*ARS ENTERPRISES GENERAL PURPOSE STEAM
STERILIZER, DOUBLE DOOR MODEL 812132*

Prepared for:

*SCRIPPS CLINIC & RESEARCH FACILITY
10666 N. TORREY PINES RD.
LA JOLLA, CALIFORNIA*

S/N 0496

ROUTINE OPERATING INSTRUCTIONS

ARS GENERAL PURPOSE STEAM STERILIZER

-
- THE ARS STEAM STERILIZER IS DESIGNED TO PREFORM ALL PHASES OF STEAM STERILIZATION USING SATURATED STEAM IN THE TEMPERATURE RANGE FROM 230 F TO 270 F.
-

TO OPERATE:

1. PUSH THE SELECTOR SWITCH LOCATED ON THE CONTROL PANEL TO EITHER "LIQUIDS" OR "DRY GOODS WITH OR WITHOUT DRY TIME."

THE ORANGE "ON" INDICATOR BULB WILL LIGHT UP.
2. REPLACE RECORDING CHART EACH MORNING WITH BRISTOL DYNAMASTER OBTAINABLE FROM ARS ENTERPRISES, PART #11133.
3. SET DESIRED STERILIZING TEMPERATURE. TO SET THIS TEMPERATURE, OPEN THE DOOR ON THE TEMPERATURE INDICATING RECORDER, CHANGE THE POSITION OF THE POINTER AT THE TOP OF THE RECORDER.
4. SET "STERILIZING TIMER" TO DESIRED STERILIZING TIME.
5. IF DRYING TIME IS TO BE USED, SET "DRY TIMER" TO DESIRED TIME. (DRY TIMER DOES NOT FUNCTION ON LIQUIDS CYCLE.)
6. LOAD STERILIZER, MAKING SURE ITEMS DO NOT TOUCH VESSEL WALLS, OR DOOR.
7. CLOSE THE DOORS AND LOCK BY ROTATING THE CENTER HUB. CLOSE THE DOORS SNUG, BUT NOT OVER TIGHTENED. THE DOOR SWITCH WILL ENGAGE, PUSH THE START BUTTON.
8. THE STERILIZING CYCLE WILL PROGRESS AS FOLLOWS:
 - A. STEAM WILL ENTER THE CHAMBER, RAISING THE TEMPERATURE AND INCREASING THE PRESSURE UNTIL THE PRE-SET TEMPERATURE IS OBTAINED. (THE GREEN POINTER WILL REACH THE ORANGE POINTER).

WHEN THE PRE-SET TEMPERATURE IS OBTAINED, THE ORANGE "STERILIZING" LIGHT WILL COME ON AS WELL AS THE RED LIGHT ON THE "STERILIZING TIMER:. THESE LIGHTS WILL STAY ON UNTIL THE TIMER REACHES ZERO.

IF THE CHAMBER TEMPERATURE DROPS BELOW THE SET TEMPERATURE, THE TIMER WILL AUTOMATICALLY RETURN TO THE ORIGINAL TIME SETTING. THE TIMER WILL REACH ZERO ONLY AFTER CONTINUOUS EXPOSURE AT OR ABOVE THE PRE-SET TEMPERATURE.

- B. WHEN THE STERILIZING TIME PERIOD EXPIRES, THE ORANGE "COOLING" LIGHT WILL COME ON, AND THE CHAMBER WILL VENT RAPIDLY. FOR A "LIQUIDS" CYCLE, THE CHAMBER IS VENTED SLOWLY TO PREVENT BOILING OF THE LIQUIDS. IF DRY GOODS WITH DRY TIME IS SELECTED, THE UNIT WILL DRAW AN AIR FLOW UNTIL DRY TIMER REACHES ZERO. IF DRY GOODS WITHOUT DRY TIME IS SELECTED, THE UNIT WILL AUTOMATICALLY DRAW AN AIR FLOW FOR TWO (2) MINUTES. WHEN THE CHAMBER PRESSURE REACHES ZERO, THE ORANGE "CYCLE COMPLETE" LIGHT WILL COME ON AND THE BUZZER WILL SOUND INDICATING THE CYCLE IS COMPLETE.
- C. WHEN THE DOOR IS OPENED THE "COMPLETE" LIGHT WILL GO OUT.

TIME AND TEMPERATURE CHART

TEMPERATURE		PRESSURE	MINIMUM EXPOSURE TIME VARIOUS LOADS			
C.	F.	PSIG	INSTRUMENTS	COTTON	RUBBER	SOLUTIONS
121	250	15	30 MIN	30 MIN	30 MIN	*30 MIN
** 132	270	27	3 MIN	*	*	*

CAUTION MUST BE FOLLOWED WHEN OPENING AND UNLOADING THE CHAMBER, WHEN PROCESSING LIQUIDS. THE CONTENTS WILL BE HOT AND CLOSE TO BOILING.

* NOT RECOMMENDED

** FOR HIGH SPEED UNITS ONLY

MAINTENANCE INSTRUCTIONS

1. WIPE OFF THE DOOR GASKET AND HEAD RING EACH DAY.
2. CLEAN THE DRAIN SCREEN, LOCATED UNDER THE BOTTOM TRAY, OR IN THE CHAMBER DRAIN, ONCE A WEEK.
3. INSPECT THE UNIT FOR LEAKS ONCE A WEEK AND REPAIR AS SOON AS POSSIBLE.
4. HAVE THE COMPLETE STERILIZER SERVICED AND CALIBRATED EVERY 180 DAYS BY A TRAINED STERILIZER MECHANIC.
5. REPLACE RECORDING CHART EACH DAY

MAINTENANCE

Doors and chamber

Valves and traps

Control panel

(Maintenance should only be performed by trained personnel familiar with autoclave maintenance).

1. Doors

- A. The door should be lubricated every 90 days with a high temperature lubricate. STP or lubriplate works well. Lubricate the threads on the center shaft.*
- B. Inspect the hub of the door for any water. If the door lock bellows leaks, water will leak through the center shaft and out of the hub. If this occurs, repair as soon as possible.*
- C. Inspect the door gasket and replace as needed.*
- D. Check the door locks to make sure the doors will not open under pressure. With not more than 5# psi in the chamber the doors should not open.*

2. Chamber

- A. The chamber requires no maintenance, only cleaning. The chamber is made of 316L stainless steel. Clean as needed with a scotch pad and water.*

3. Valves

- A. The safety valves should be checked every 90 days and the chamber & jacket safety valves should be replaced once a year with the exact same valve specs.*
- B. The traps should be inspected every 90 days and replaced as needed.*
- C. The control valves should be inspected every 90 days and replaced or rebuilt as needed.*
- D. The filters should be inspected and replaced as needed. The sterilizable air in filter requires replacing every 50 hours of exposure. The hour meter on the rear of the control panel is for this filter.*

4. Control panel

- A. The control panel should be kept clean and dry.*
- B. Replace the light bulbs as needed.*

5. General

- A. Repair all leaks as soon as possible.*

PREVENTIVE MAINTENANCE CHECK LIST

EQUIPMENT: GENERAL PURPOSE AND FLASH STERILIZERS

PROCEDURES	INSPECTIONS			
	1	2	3	4
A.0 PREPARATION FOR PREVENTATIVE MAINTENANCE				
A.1 Discuss equipment operation with department personnel.....	X	X	X	X
A.2 If machine is hot, operate through a test cycle.....	X	X	X	X
A.3 If machine is cold, commence routine PM.....	X	X	X	X
B.0 DOOR ASSEMBLY				
B.1 Lubricate door mechanism.....	X	X	X	X
B.2 Check door for proper alignment.....	X	X	X	X
B.3 Operate door through all functions.....	X	X	X	X
B.4 Inspect door gaskets for cracks and proper insertion.....	X	X	X	X
B.5 Check alignment and operation of door switch	X	X	X	X
B.6 Make sure all bolts and set screws are tight	X	X	X	X
B.7 Test safety requirement (if applicable).....	X	X	X	X
C.0 CONTROL SYSTEM				
C.1 Clean lint and dirt from components.....	X	X	X	X
C.2 Check recording chart for proper operation	X	X	X	X
C.3 Check battery backup (if applicable).....	X	X	X	X
F.1 Check air-in filter, replacement.....	X			
F.2 Replace burned out bulbs.....	X	X	X	X

PREVENTIVE MAINTENANCE CHECK LIST

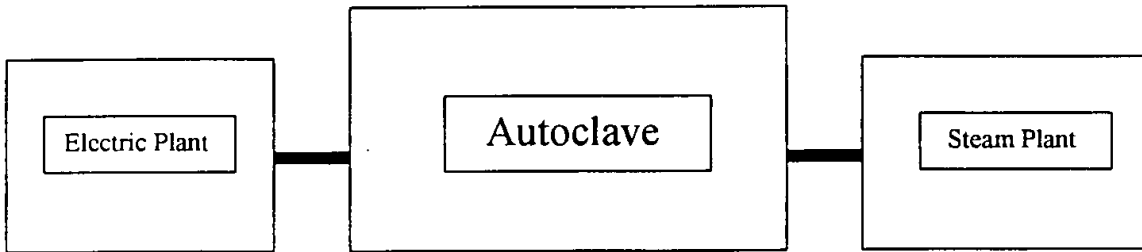
EQUIPMENT: GENERAL PURPOSE STEAM STERILIZER

PROCEDURES

G.0 VACUUM SYSTEM				
G.1 Check vacuum and pressure switch settings...	X	X	X	X
G.2 Rebuild solenoid valve.....		X		
H.0 FINAL TEST				
H.1 Pressurize system and check for leaks.....	X	X	X	X
H.2 Calibrate gauges to zero.....	X	X	X	X
H.3 Check temperature with Omega TC.....	X	X	X	X
H.4 Run test cycles.....	X	X	X	X
H.5 Check timers.....	X	X	X	X
H.6 Replace all panels.....	X	X	X	X
H.7 Clean area of any used parts.....	X	X	X	X
H.8 Wipe front of unit with stainless steel polish or WD40.....	X	X	X	X
H.9 Police work area to assure removal of all materials used during inspection.....	X	X	X	X

BASIC STEAM and ELECTRICAL POWER SCHEMATIC FOR TSRI AUTOCLAVES

Detailed information regarding the steam or electrical plant can be obtained by contacting
The Scripps Research Institute, Engineering Services.



**Manufacturer Operating Procedures,
Maintenance Schedules, and Schematics**

Autoclave A3



Medallion Series
READY

STERILIZE

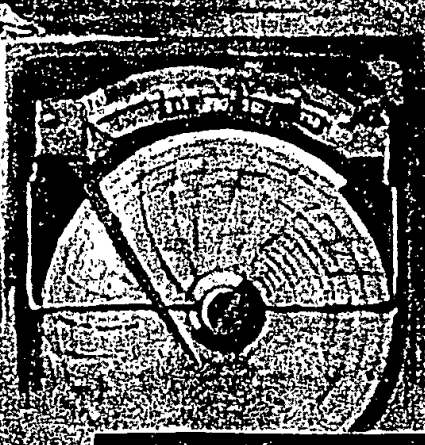
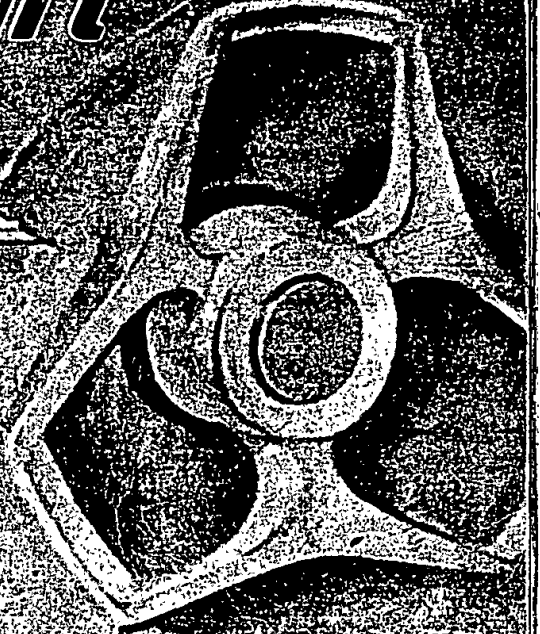
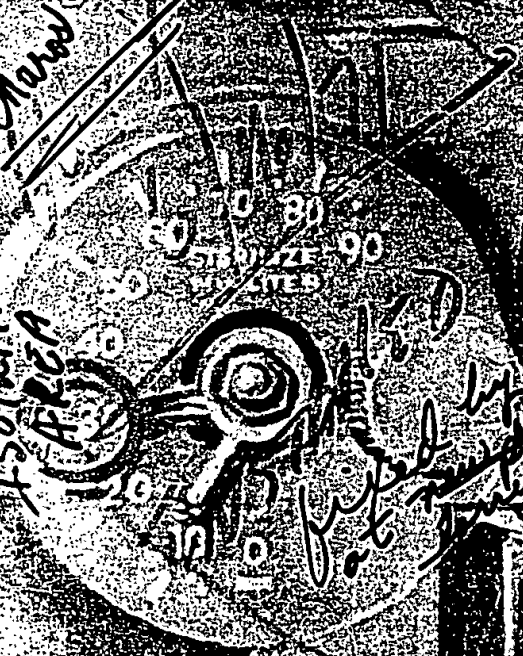
EXHAUST

DRY

Equipment Manual

Escorted

Chow
Isolation Area



LOCK

CLOSE

OPEN

LIQUIDS

FABRICS
HI-SPEED

GENERAL PURPOSE
STEAM-POWERED STERILIZER
• Medium Rectangular • Gravity Air Removal Type

P-89514-091
(Rev. 2/71)

Medallion Series

Model # M65CDSPD

Serial # 710423-3

Unit # 5056-190

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A WORD FROM **AMSCO...**

Your Medallion Series sterilizer has been tailored by AMSCO for you, the user.

"Human-Engineered" operating controls... greater functional flexibility... dependable performance capabilities... design for easy maintenance, are but a few advanced features of this equipment available to you for simplicity of operation and improved productivity.

These precision-engineered features... combined with outstanding craftsmanship, symbolize over 75 years of progress in our continuing and dedicated purpose... to provide better equipment and techniques for sterilization.

You, the owner, will want to enjoy the most benefits from this equipment which has been designed to give many years of faithful, economical service. The information in this Manual can be of assistance to you and your maintenance engineering staff in making this an assured reality.

Routine "preventive maintenance" inspections, adjustments and replacement of worn parts will prevent untimely equipment malfunctions which often cause inconvenient or costly interruptions of production schedules.

AMSCO maintains a nationwide service organization staffed with factory-trained, well-equipped technicians who can provide expert "preventive maintenance" as well as corrective maintenance services for you, promptly and efficiently. Ask your AMSCO representative for full details about our Preventive Maintenance Agreement (PMA) program.

Thank you for choosing this fine AMSCO product... you may be confident of our continued interest in your satisfaction with it.

CONTENTS

BEFORE INSTALLING THIS EQUIPMENT	3
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AUTOMATIC OPERATION	12
MANUAL OPERATION	14
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BEFORE INSTALLING THIS EQUIPMENT

SET-IN-PLACE INSTRUCTIONS AND INSTALLATION DRAWINGS Complete instructions for uncrating this equipment and setting it in place, as well as a drawing showing all of the utility service and space requirements, have been previously furnished. If you cannot find these ... write, wire or telephone our factory giving the serial, unit and model numbers of the equipment ... replacement copies will be sent to you promptly.

CLEARANCE The clearance space shown on the drawing is necessary for easy installation, good operation and maintenance of the equipment.

UTILITY SERVICE LINES Shutoff valves should be installed in steam and water supply lines at a point near the equipment ... so that the equipment can be serviced without shutting off the building supply.

Also, disconnect switches should be installed in electric supply lines near the sterilizer.

If the equipment is installed next to other equipment, shutoff valves and disconnect switches should be so placed that service can be shut off to one piece of equipment at a time.

IMPORTANT

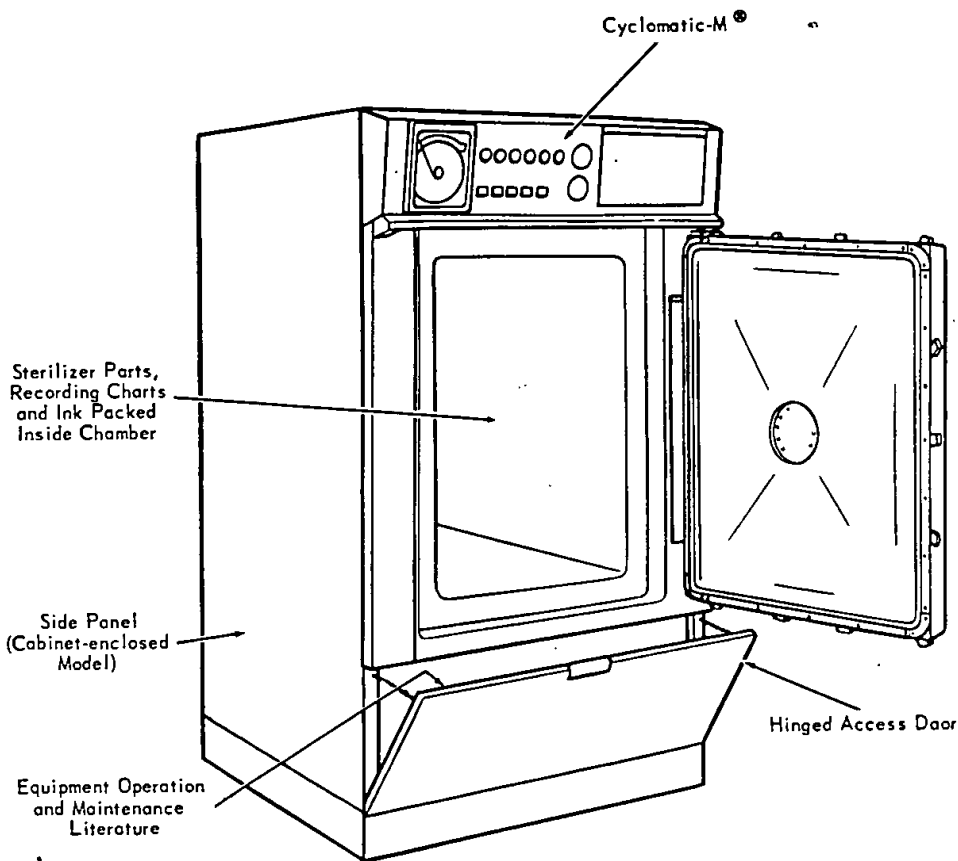
INFORM YOUR BUILDING ENGINEER THAT

- The building steam supply line must be well-drained so as to provide condensate-free (dry) steam to the sterilizer.
- The steam return system must permit gravity flow of steam and condensate from sterilizer into an **ADEQUATELY VENTED** receptacle.

IF YOUR STERILIZER DOES NOT HAVE A CONDENSER

- Riser from sterilizer exhaust fitting to header or building vent stack **MUST NOT** be less than 45° to the horizontal.

INSTALLATION



IF YOUR MODEL HAS STAINLESS-STEEL PANELS - LEAVE ON THE PROTECTIVE PAPER

1. Remove wrapped contents from chamber. Carefully unwrap packaged parts.
2. Roll sterilizer into its permanent mounting location.
3. Lower floor flanges to position sterilizer at height specified on the installation print.
4. Level sterilizer (horizontally) by adjusting floor flanges; use a spirit level.
NOTE: The sterilizer has a sloping chamber which will allow condensate to flow rapidly into the drain line.
5. Place funnel in the building waste line outlet (stubbing).
6. Connect exhaust opening to the building exhaust system or vent stack. (This connection is not required if your sterilizer is equipped with a Condenser.)
7. Connect the Condenser, if furnished, to the building cold water supply line ... 20-50 psig at the sterilizer.
8. Blow out the building steam supply line to remove chips, scale, etc.

9. Connect
50-80

10. Connect

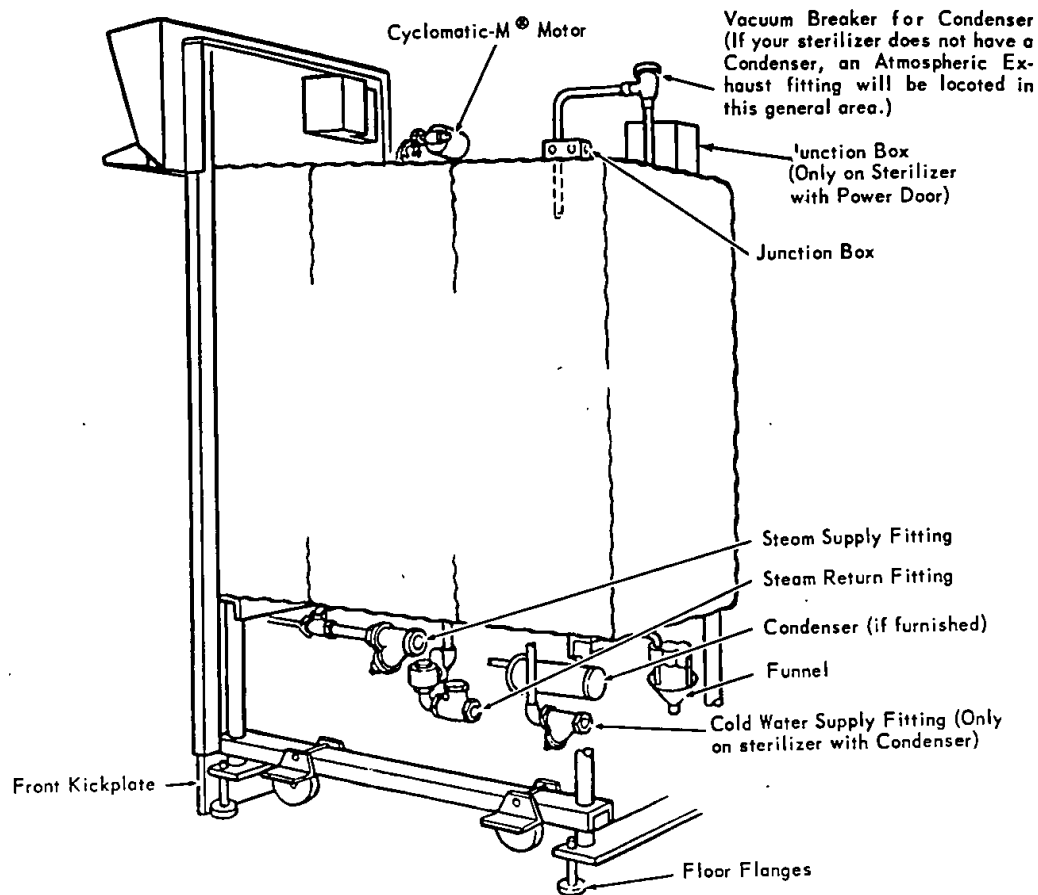
11. Connect
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9. Connect sterilizer steam supply fitting to the building steam supply line ... 50-80 psig.
10. Connect sterilizer steam return fitting to the building steam return line.
11. Connect building electric supply line to the junction box. The electrical requirements ... shown on the cover of the box ... are 120 volt, 60 cycle. Some units for export are wired for 50-cycle electric service - see tag on junction box.
12. If your sterilizer is a ...
 - CABINET-ENCLOSED MODEL: Install the front and side panels.
 - MODEL FOR RECESSING: Lower front kickplate to the floor and tighten the retaining screws.

REMOVE ALL PROTECTIVE PAPER FROM STAINLESS-STEEL CABINET PANELS-Clean panels with suitable solvent (such as Stoddard solution) to remove any adhesive.

STERILIZER	SINGLE DOOR	DOUBLE DOOR
24 x 36 x 36"	3700	
24 x 36 x 48"	4200	4600
24 x 36 x 60"	4800	5200

BEFORE OPERATING THIS EQUIPMENT

at the beginning of the day ...

FIRST. Install a new paper chart on the INDICATOR-RECORDER ... see instructions on page 25.

The "READY" light will come on.

SECOND. Turn OPERATING VALVE WHEEL to OFF. Always turn valve wheel to the right.

FOURTH. Open STEAM SUPPLY valve - this will allow steam from the supply line to enter sterilizer jacket. The JACKET PRESSURE GAUGE should show a pressure of 18 or 30 psig, depending upon the setting of the HI-LO valve.

FIFTH. If your sterilizer has a Condenser, be sure that CONDENSER WATER valve is closed.

THIRD. Press POWER SWITCH; FUSE-INDICATING LIGHT will glow, meaning that electric power is flowing through the control unit.

Steam pressure should be maintained in the jacket throughout the day. Then it will not be necessary to "heat" the jacket before each processing cycle.

at the end of the day ... shut off the POWER SWITCH and STEAM SUPPLY valve. Leave the sterilizer door slightly open when the equipment is not in use ... this will extend the life of the gasket.

DOO

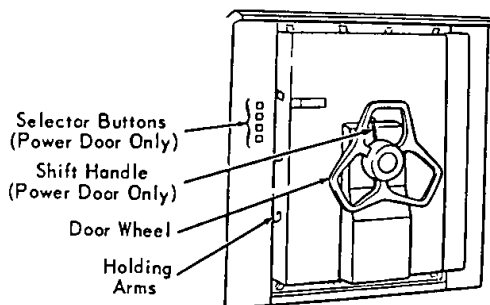
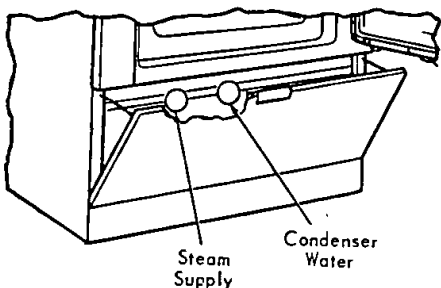
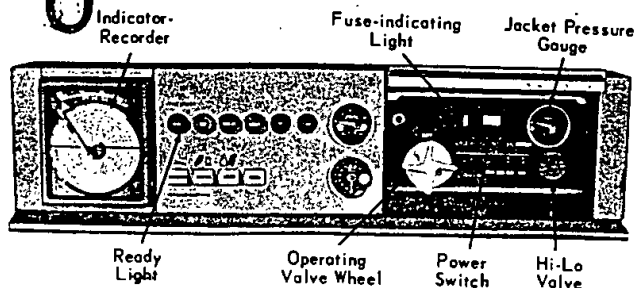
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DOOR OPERATING INSTRUCTIONS

MANUALLY OPERATED DOOR

To open - turn **DOOR WHEEL** to left as far as it will go.

Should the door not unlock, turn **DOOR WHEEL** slightly clockwise, press the center **BLUE BUTTON**, and then turn the **DOOR WHEEL** counterclockwise to open.

To close: - (1) Turn **DOOR WHEEL** to extreme left to bring the ends of the **HOLDING ARMS** inward so they will not strike the door frame when door is closed. (2) Close **DOOR**. (3) Turn **DOOR WHEEL** to right as far as it will go (by hand) without applying undue pressure.

IN THE EVENT OF ELECTRIC POWER FAILURE ... SHIFT FROM POWER TO MANUAL OPERATION. Pull SHIFT HANDLE to the LEFT. If DOOR WHEEL does not engage, turn it slowly while maintaining a slight pressure to the left on the SHIFT HANDLE.

POWER-OPERATED DOOR

Pressing the **LOCK** button will close and lock the door pressure-tight.

Pressing the **CLOSE** button will close ... but not lock the door.

Pressing the **OPEN** button will unlock and fully open the door.

Pressing the **UNLOCK** button will unlock the door and position it slightly ajar.

TO RETURN TO POWER OPERATION FROM MANUAL WHEN SERVICE IS RESTORED ... With the door closed, press the LOCK button. You will hear the locking motor start. Then position the SHIFT HANDLE to the RIGHT ... this will cause the door HOLDING ARMS to engage.

STERILIZING WRAPPED AND UNWRAPPED GOODS

AUTOMATIC OPERATION

Before starting cycle . . . BE SURE TO FOLLOW INSTRUCTIONS ON PAGES 6 AND 7

1. SET

Turn HI-LO valve to LO for 250 F (121 C) Sterilizing cycle; HI for 270 F (132 C) cycle - see table on page 9.

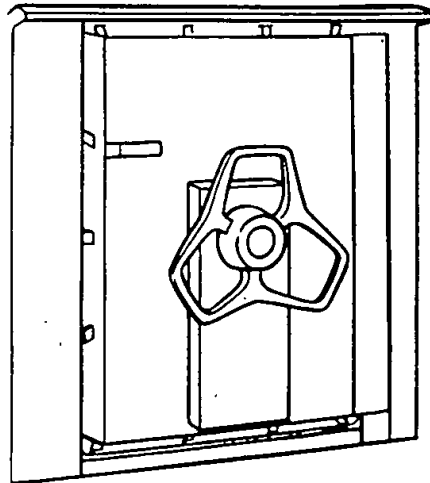
Set YELLOW-POINTER on INDICATOR-RECORDER to the desired temperature - see table on page 9.

Set EXPOSURE TIMER for desired exposure period - see table on page 9.

2. LOAD

LOAD STERILIZER WITH GOODS

Close door . . . see door operating instructions on page 7.



3. START

Press the WRAPPED button if load consists of goods such as Surgical Packs . . . Dressings . . . Linens . . . etc.

use → Press the UNWRAPPED button if load consists of articles such as Utensils . . . Glassware . . . etc.

If you press the wrong selector button - don't worry - just press and release the RESET button and then make the correct selection.

UNWRAP

WHAT

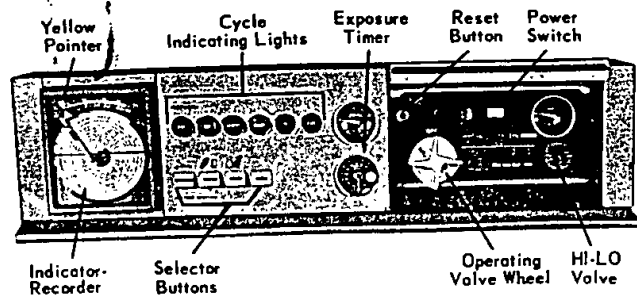
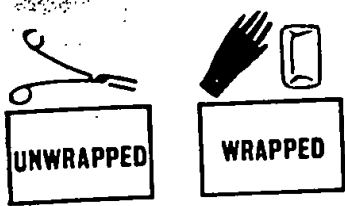
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WHAT HAPPENS?

The READY light will go out and the HEAT light will come on and steam will be admitted to the chamber. When chamber temperature reaches the set point, the STERILIZE light will come on. The COLORED INDICATORS will then light up in sequence until the cycle is completed.

Finally, the STERILE light will come on and a buzzer will sound, indicating that the cycle is finished. The buzzer will continue for approximately 2 minutes or until you open the door.

This will complete the automatic cycle and you may then remove the goods from the chamber.

NOTE: The Cyclomatic-M® Control is manually operable to select, extend, or bypass any phase of a processing cycle ... follow instructions on pages 10 and 11.

IMPORTANT

If electric service fails WHILE A CYCLE IS IN PROGRESS, turn OPERATING VALVE WHEEL and POWER SWITCH to OFF and initiate a new (manual) cycle ... follow instructions on pages 10 and 11.

MINIMUM STERILIZATION EXPOSURE PERIODS

	250-254 F (121-123 C) Minutes	270 F (132 C) Minutes
Brushes, in dispensers, in cans or individually wrapped	30	15
Dressings, wrapped in paper or muslin	30	15
Dressings, in canisters (on sides) ..	30	15
Glassware, empty, inverted	15	3
Instruments, metal only, any number (unwrapped)	15	3
Instruments, metal, combined with suture, tubing or other porous materials (unwrapped)	20	10
Instruments, metal only, in covered and/or padded tray	20	10
Instruments, metal, combined with other materials (in covered and/or padded tray)	30	15
Instruments, wrapped in double-thickness muslin	30	15
Linen, packs, (maximal size: 12 x 12 x 20"; maximal weight: 12 pounds)	30	
Needles, individually packaged in glass tubes or paper (lumen moist)	30	15
Needles, unwrapped (lumen moist) ..	15	3
Rubber gloves, wrapped in muslin or paper	20	
Rubber catheters, drains, tubing, etc. (lumen moist), unwrapped....	20	10
Rubber catheters, drains, tubing, etc., individually packaged in muslin or paper (lumen moist)	30	15
Treatment trays, wrapped in muslin or paper	30	
Utensils, unwrapped	15	3
Utensils, wrapped in muslin or paper	20	10
Syringes, unassembled, individually packaged in muslin or paper	30	15
Syringes, unassembled, unwrapped ..	15	3
Sutures, silk, cotton or nylon, wrapped in paper or muslin	30	15

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STERILIZING WRAPPED AND UNWRAPPED GOODS

MANUAL OPERATION

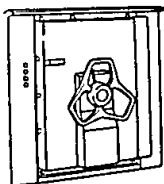
Before starting cycle . . . BE SURE TO FOLLOW INSTRUCTIONS ON PAGES 6 AND 7

The Cyclomatic-M® may be manually operated to select, extend, or bypass any processing cycle phase as may be required for special techniques ordered by your supervisor.

1. Turn OPERATING VALVE WHEEL to OFF. Press MANUAL button.

2. Turn HI-LO valve to LO for 250 F (121 C) sterilizing cycle . . . HI for 270 F (132 C) cycle - see table on page 11.

3. Load sterilizer with goods . . . see door operating instructions on page 7.



If your sterilizer has a Condenser, open CONDENSER WATER valve.

UNDER UNIT

4. Turn OPERATING VALVE WHEEL to STER.

Wait until INDICATOR-RECORDER shows the temperature you selected for the cycle . . . 250 or 270 F (121 or 132 C).

THEN

Time the desired sterilizing exposure period by a clock or other timing device - see table on page 11.

5. At the periodic wheel

FAST EX load consists of wrapped goods

DRY - if goods consists of wrapped goods.

After drying when CHAMBER PRESSURE reads ZERO

This compartment goods may be removed from chamber.

6. If you . . . close valve

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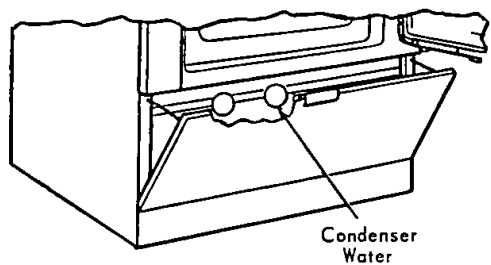
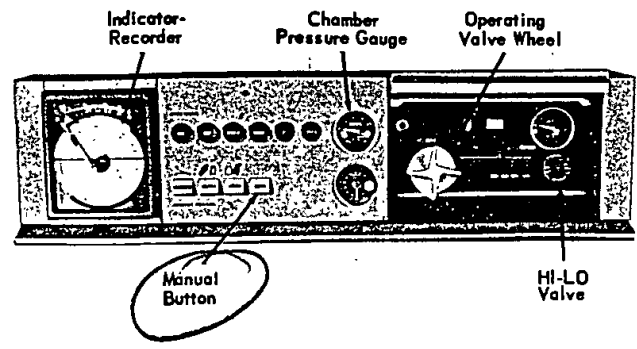
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MINIMUM STERILIZATION EXPOSURE PERIODS

	250-254 F (121-123 C) Minutes	270 F (132 C) Minutes
Brushes, in dispensers, in cans or individually wrapped	30	15
Dressings, wrapped in paper or muslin	30	15
Dressings, in canisters (on sides) ..	30	15
Glassware, empty, inverted	15	3
Instruments, metal only, any number (unwrapped)	15	3
Instruments, metal, combined with suture, tubing or other porous materials (unwrapped)	20	10
Instruments, metal only, in covered and/or padded tray	20	10
Instruments, metal, combined with other materials (in covered and/or padded tray)	30	15
Instruments, wrapped in double-thickness muslin	30	15
Linen, packs, (maximal size: 12 x 12 x 20"; maximal weight: 12 pounds)	30	
Needles, individually packaged in glass tubes or paper (lumen moist)	30	15
Needles, unwrapped (lumen moist) ..	15	3
Rubber gloves, wrapped in muslin or paper	20	
Rubber catheters, drains, tubing, etc. (lumen moist), unwrapped	20	10
Rubber catheters, drains, tubing, etc., individually packaged in muslin or paper (lumen moist)	30	15
Treatment trays, wrapped in muslin or paper	30	
Utensils, unwrapped	15	3
Utensils, wrapped in muslin or paper	20	10
Syringes, unassembled, individually packaged in muslin or paper	30	15
Syringes, unassembled, unwrapped .	15	3
Sutures, silk, cotton or nylon, wrapped in paper or muslin	30	15

5. At the end of the timed exposure period, turn OPERATING VALVE WHEEL to ...

FAST EXHAUST - if load consists of un-wrapped goods. ➔ Leave valve wheel in this position until the **CHAMBER PRESSURE GAUGE** reads **ZERO**.

DRY - if load consists of wrapped goods. ➔ Leave valve wheel in this position for about 15 minutes.

After drying or when **CHAMBER PRESSURE GAUGE** reads **ZERO** ... ➔ Turn OPERATING VALVE WHEEL to **OFF**.

This completes the manual cycle and the goods may now be removed from the chamber.

6. If your sterilizer has a Condenser ... close CONDENSER WATER valve to conserve water.

STERILIZING LIQUIDS

AUTOMATIC OPERATION

Before starting cycle . . . BE SURE TO FOLLOW INSTRUCTIONS ON PAGES 6 AND 7

1. SET

Set YELLOW POINTER on INDICATOR-RECORDER at 250 F (121 C).

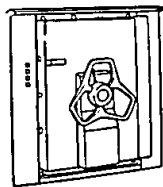
Turn HI-LO valve to LO.

Set EXPOSURE TIMER for desired exposure period - see table on page 13.

2. LOAD

LOAD STERILIZER WITH GOODS

Close door . . . see door operating instructions on page 7.



3. START

Press LIQUIDS button to start the cycle.

If you press the wrong selector button - don't worry - just press and release the RESET button and then make the correct selection.

WHAT HAPPENS?

The READY light will go out and the HEAT light will come on and steam will be admitted to the chamber. The COLOR-ORED INDICATORS will then light up in sequence until the cycle is completed.

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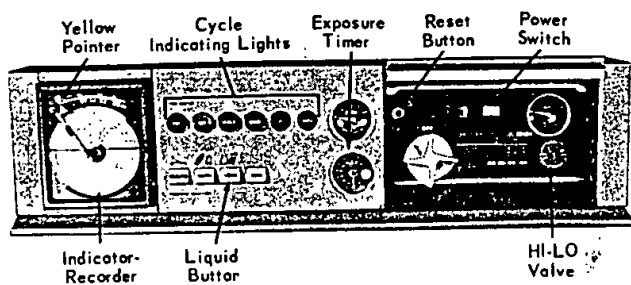
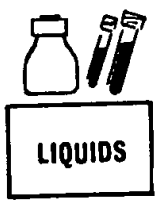
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Finally, the **STERILE** light will come on and a buzzer will sound, indicating that the cycle is finished. The buzzer will continue for approximately 2 minutes or until you open the door.

This will complete the automatic cycle - open DOOR only about 1/2 inch ... and wait 5 minutes before removing load.

WARNING: Sudden full opening of door following a sterilization cycle could cause liquids to boil over or bottles to burst.

When door is opened, the **STERILE** light will go out and the **READY** light will come on.

NOTE: The Cyclomatic-M® Control is manually operable to select, bypass, or extend any phase of a processing cycle ... follow instructions on pages 14 and 15.

MINIMUM STERILIZATION EXPOSURE PERIODS
250-254 F (121-123 C)
Full Load of
Square-Pak® Flasked Solutions

Flask Capacity (ml)	Time (Minutes)
75	20
250-500	25
1000	30
1500	35
2000	40

IMPORTANT

If electric service fails **WHILE A CYCLE IS IN PROGRESS**, turn **OPERATING VALVE WHEEL** and **POWER SWITCH** to OFF and initiate a new (manual) cycle ... follow instructions on pages 14 and 15.

STERILIZING LIQUIDS

MANUAL OPERATION

Before starting cycle . . . BE SURE TO FOLLOW INSTRUCTIONS ON PAGES 6 AND 7

The Cyclomatic-M® may be manually operated to select, extend, or bypass any processing cycle phase as may be required for special techniques ordered by your supervisor.

1. Turn OPERATING VALVE WHEEL to OFF. Press MANUAL button.

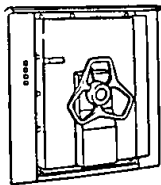
If your sterilizer has a Condenser, open CONDENSER WATER valve.

2. Turn HI-LO valve to LO.

3. Load sterilizer with goods . . . see door operating instructions on page 7.

4. Turn OPERATING VALVE WHEEL to STER.

Wait until INDICATOR-RECORDER shows . . . 250 F (121 C).



THEN

5. Time the exposure period by a clock or other timing device - see table on page 15.

6. At the
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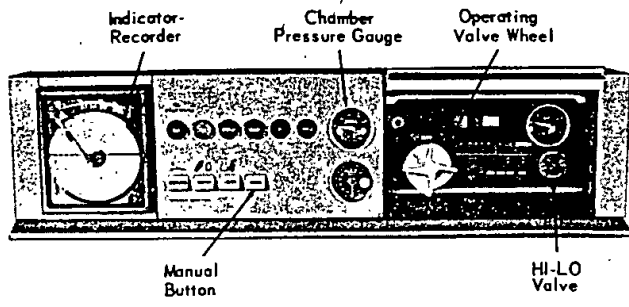
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7. Open
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MANUAL



GES 6 AND 7

- At the end of the timed exposure period, turn OPERATING VALVE WHEEL to SLOW EXHAUST. Leave valve wheel in this position until the CHAMBER PRESSURE GAUGE reads ZERO ...

THEN

... turn OPERATING VALVE WHEEL to OFF.

ens open

VE WHEEL

RECORDER

d by a clock
- see table

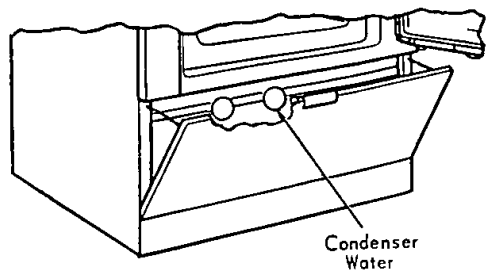
MINIMUM STERILIZATION EXPOSURE PERIODS
250-254 F (121-123 C)
Full Load of
Square-Pak® Flasked Solutions

Flask Capacity (ml)	Time (Minutes)
75	20
250-500	25
1000	30
1500	35
2000	40

- Open DOOR only about 1/2 inch ... and wait 5 minutes before removing load.

WARNING: Sudden full opening of door following a sterilization cycle could cause liquids to boil over or bottles to burst.

- If your sterilizer has a Condenser ... close CONDENSER WATER valve to conserve water.



PLEASE - repairs and adjustments, other than those described in this Manual, should be attempted ONLY by experienced mechanics fully acquainted with this equipment. Use of inexperienced, unqualified persons to work on the equipment or the installation of unauthorized component parts could invalidate the warranty or result in important, costly damage!

NO
du

DAILY

NOTE: Allow the sterilizer and loading equipment to cool to room temperature before performing the following:

REMOVE the chamber drain strainer. Clean out lint and sediment. (FLUSH DRAIN AS NECESSARY - SEE PAGE 17.)

WASH inside of the sterilizing chamber and the loading equipment. Use a mild detergent solution such as Calgonite® (Calgon Corp.).

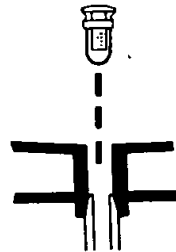
CAUTION - never use abrasive cleaning compounds, wire brush or steel wool.

RINSE inside of sterilizing chamber with tap water.

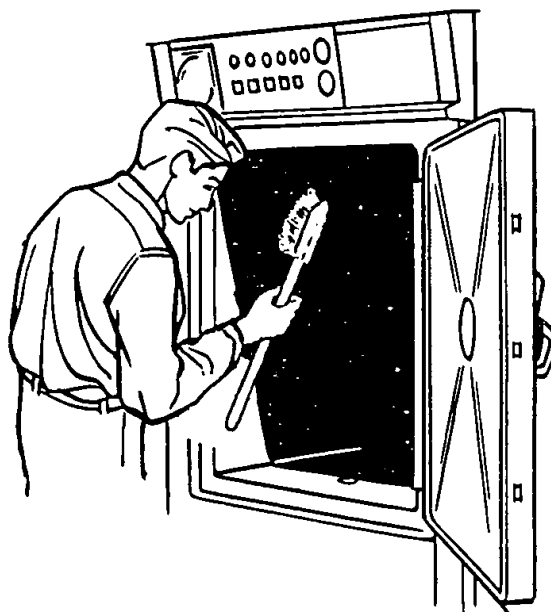
DRY inside of sterilizing chamber with lint-free cloth.

REPLACE the strainer.

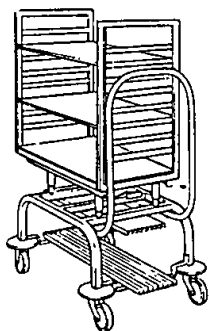
CHAMBER DRAIN



REMOVE the



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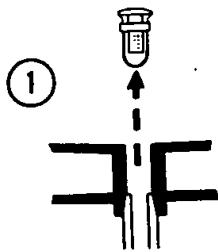


Wash with mild detergent solution such as Calgonite.

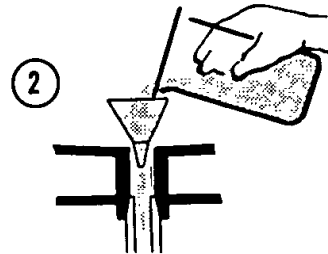
MAINTENANCE

AS NECESSARY

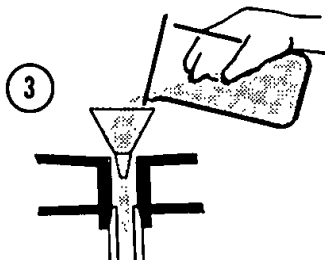
NOTE - If the drain line becomes clogged or spillage has occurred during a liquids processing cycle, proceed as follows:



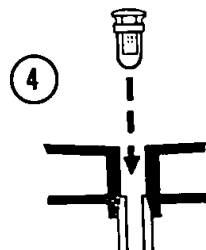
REMOVE the chamber drain strainer.



RINSE drain with hot solution of tri-sodium phosphate (2 tablespoons of tri-sodium phosphate to one quart of water).



FLUSH drain with one quart of hot tap water. If the water backs up into the chamber, close the door (refer to instructions on page 7). Then turn OPERATING VALVE WHEEL to STER. When the chamber pressure gauge indicates 10 psig, advance the OPERATING VALVE WHEEL to FAST EXHAUST. When the chamber pressure gauge indicates zero, turn OPERATING VALVE WHEEL to OFF and open the door.



REPLACE chamber drain strainer.

CYCLOMATIC-M CONTROL



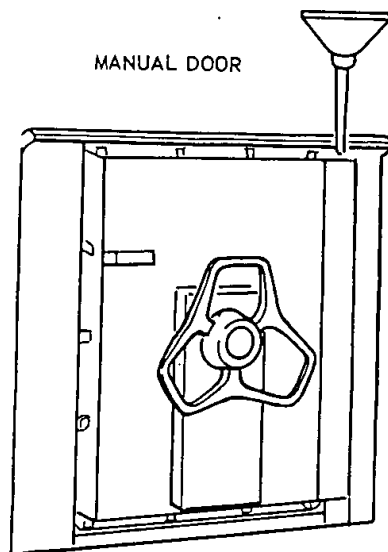
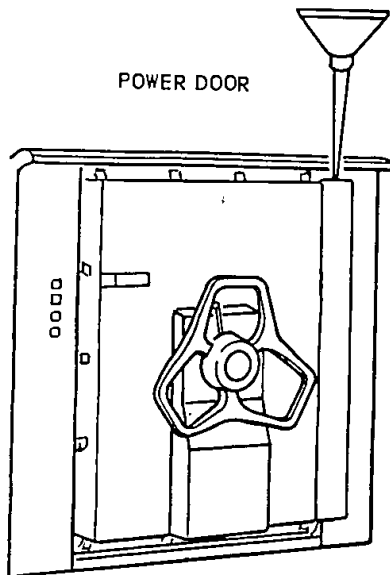
Watch the sterilizer while it goes through each phase of a complete automatic cycle to be sure that all lights are working. If any of the lights are out, refer to page 23.

preventive . . . MAINTENANCE

(CONTINUED)

MONTHLY

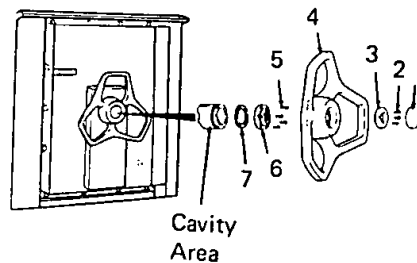
Place a few drops of heavy machine oil (SAE 20 or 30 motor oil will do) on hinge pin. Work oil into hinge by opening and closing the door several times.



QUARTERLY

Expose and grease the door post bearing as follows . . .

- Unscrew the BLUE BUTTON (1) in the center of the DOOR HANDWHEEL (4).
- Remove the three SOCKET HEAD SCREWS (2).
- Remove the COVER PLATE (3).
- Remove the DOOR HANDWHEEL (4).
- Remove the four SOCKET HEAD SCREWS (5).
- Remove the CLUTCH LOCK CAP (6) — and SHIMS (7) [if power door].
- Inject "Jet-Lube AP-1W" (Mfr.: Jet-Lube Inc., Burbank, California) or other high-temperature white grease of equal quality into the cavity between the nuts and screw shaft.
- Reassemble in reverse order of above.



GUIDE TO MINOR MAINTENANCE

The piping schematic and table on pages 20 and 21 show certain items of minor maintenance commonly required from time to time on equipment of this type. Opposite each item you will find the probable cause and how to correct it.

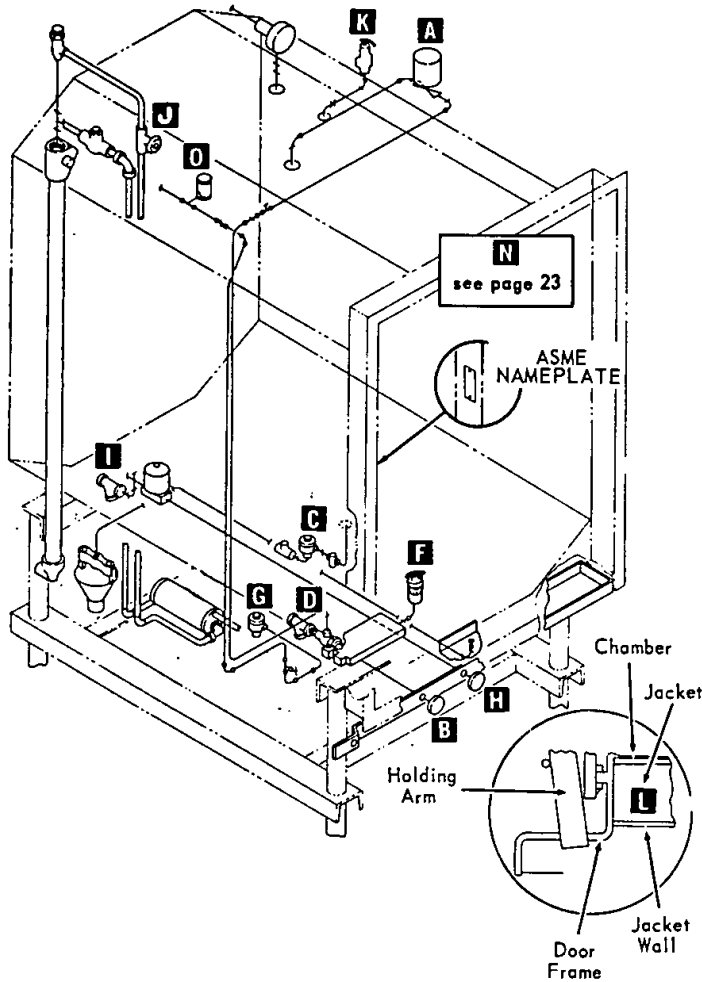
Pages 22 through 30 describe (or contain instructions on how to replace) certain minor parts that may become worn or unserviceable through normal use of the equipment.

If something happens to the equipment that is not covered in the table, please call your local AMSCO representative. He will arrange promptly to have your equipment placed in proper working order by a factory-trained repairman.

Never permit inexperienced, unqualified persons to attempt such repairs.

NOTE: A wiring schematic was furnished with this sterilizer. Should yours be missing, write us for a replacement copy. Be sure to include in your request the model, unit and serial numbers of the equipment.

PIPING SCHEMATIC



- A Hi-Lo Valve
- B Steam Supply Valve
- C Return Trap
- D Strainer (Steam Supply To Jacket)
- F Chamber Drain Strainer
- G Chamber Drain Trap
- H Condenser Water Valve
- I Cold Water Strainer
- J Condenser Flow Regulator
- K Safety Valve
- L Jacket (Lower Part)
- N Cyclomatic-M® Reference
- O Vacuum Drier

Illustrations of parts and ordering information will be found on pages 22 through 30.

description

1. Steam pressure in jacket does not rise to that desired
2. Chamber temperature won't rise to setting on Indicator-Recorder
3. When correctly set, the Hi-Lo valve yields too much or too little steam pressure in the jacket
4. Cyclomatic-M® "Ready" light does not come on
5. Excessive steam in the area of the sterilizer while it is in operation
6. Steam pressure in the chamber will not rise during the "sterilize" phase of the cycle
7. Steam enters the chamber when sterilizer door is open
8. Pools of water on the floor of the chamber after sterilization cycle is completed
9. Goods are wet following "fabrics" cycle; or there is excessive steam in the chamber upon opening the sterilizer door
10. Loads consisting of liquids are exhausted too quickly ... causing the bottles or flasks in the load to "boil over" and bottle stoppers to "blow"
11. Steam escapes through Safety valve
12. Steam leaks around the sterilizer door during the "sterilize" phase of the cycle

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 safety valve

probable cause		correction
Hi-Lo valve setting is incorrect	A	Adjust setting of Hi-Lo valve (see item 3 below)
Steam Supply valve is closed	H	Open Steam Supply valve
Jacket Return Trap has defective element	C	Replace Trap element
Strainer in steam supply line to jacket plugged	D	Clean Steam Strainer
Setting on the Indicator-Recorder is incorrect	N	Refer to operating instructions, pages 8 and 12
Hi-Lo Valve setting is incorrect	A	Adjust setting on Hi-Lo valve (see item 3 below)
Chamber Drain Strainer is plugged	F	Clean Strainer (see pages 16 and 17)
Chamber Drain Trap has defective element	G	Replace Trap element
Seat and disc assembly in Hi-Lo valve is worn	A	Replace seat and disc assembly and/or bellows in Hi-Lo valve
Hi-Lo valve has ruptured bellows		
Power Switch is not turned on	N	Turn Power Switch on
Cyclomatic-M control Fuse is burned out	N	Replace Fuse
"Ready" light Pressure Switch on Cyclomatic-M not adjusted properly	N	Adjust Switch
"Ready" light Bulb burned out	N	Replace Bulb
Water valve on the Condenser is closed during manual operation	B	Open Water valve on sterilizer equipped with Condenser
Strainer in cold water line is plugged	I	Clean Water Strainer on sterilizer equipped with Condenser
Not enough water is flowing through the Condenser	J	Adjust the Water Flow Regulator to increase flow of water
Steam is leaving the sterilizer through the Safety valve	A	Adjust Hi-Lo valve (also see item 3 above)
Not enough steam pressure in the jacket	A	Adjust Hi-Lo valve (also see item 3)
Operating Valve Wheel is not turned to "Off"	N	Turn Operating Valve Wheel to "Off"
Steam is blowing into the chamber from the building vent stack or exhaust system		Eliminate back pressure in building vent stack or exhaust system
Condensate has collected in the lower part of the jacket	L	See Installation Instructions on page 4
Jacket Return Trap has defective element	C	Replace Trap element
Chamber Drain Strainer is plugged	F	Clean Strainer (see pages 16 and 17)
There is back pressure from the building steam return system		Eliminate back pressure from the building steam return system
Ball Check in Vacuum Drier is not functioning properly	O	Clean Ball and Seat in Vacuum Drier
Chamber Drain Trap is not functioning properly	G	Replace Trap element
Hi-Lo valve is not properly adjusted	A	Adjust Hi-Lo valve (also see item 3)
	K	Replace Safety valve
Door Gasket is worn		Replace Door Gasket

sterilizer
 "c" phase of

repair parts...index

The figure shown in parentheses opposite each of the parts listed on the following pages is the quantity recommended to be on hand for minor maintenance needs for a single sterilizer.

BREAKER, VACUUM	28
CONTROL, CYCLOMATIC -M®	
Fuses	23
Guard, Reset Switch	23
Holder, Fuse	23
Lamps, Pilot	23
Shield, Pilot Lamp	23
Switch, Power	23
Switch, Reset	23
Timer, Exposure	23
DOOR	
Bar, Gasket	26
Diaphragm, Steam Lock	26
Gasket, Diaphragm	26
Gasket, Door	26
Screw, Retaining	26
DRIER, VACUUM	30
GAUGES, PRESSURE	
Chamber	27
Jacket	27
RECORDER, INDICATOR-	
Chart (°C)	25
Chart (°F)	25
Ink	24
STRAINERS	
Steam	27
Water	27
TRAP, THERMOSTATIC STEAM	30
VALVES	
Angle (steam)	29
Flow Regulator	28
Hi-Lo	29
Multiport	28
Safety	28
Solenoid (Condenser Water)	27
Solenoid (Condenser Water Bypass)	27

When ordering replacement parts, please include the part numbers and descriptions on the following pages.

To hasten service to you, include on your order the model, unit and serial numbers of this equipment.

Send your order directly to the District Office which serves your area. Your AMSCO representative will give you the address as well as ordering information regarding other parts.

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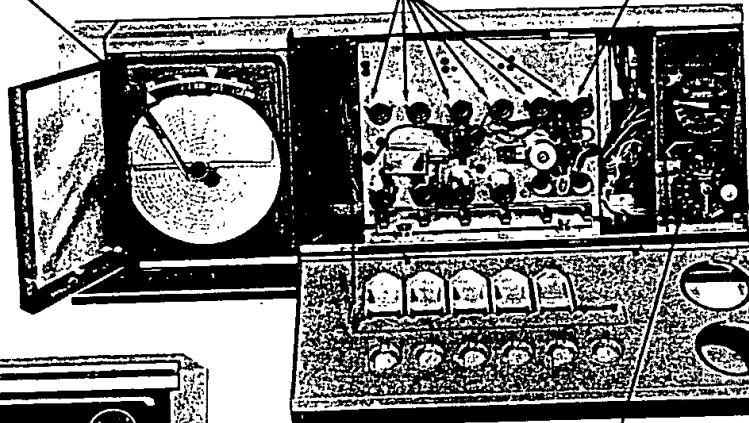
repair parts...sterilizer

Recording Instrument
See pages 24 and 25 for detailed
instructions on servicing
and part numbers

Pilot Lamps (6) P-48111-91
See instructions below

Pilot Lamp Shield (2)
P-90345-91

Fuse (3)
P-89371-91
(Sterilizer with
Manual Door)
P-33810-91
(Sterilizer with
Power Door)
and
Fuse Holder (1)
A-89190-91
See instructions
below

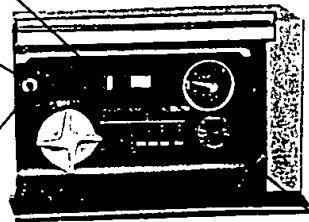


Exposure Timer (1)
M-96073-91

PRIMARY CONTROL PANEL

Guard for
Reset Switch (1)
P-44155-91

Reset Switch
P-48070-91



Power
Switch (1)
P-90624-91

SECONDARY CONTROL PANEL

cyclomatic-M®

PILOT LAMP REPLACEMENT. The main control panel is hinged along the bottom edge and held by a screw in the center of the top edge. To replace a burned-out pilot lamp, remove the screw and pull the panel forward until it is held by the support chain. Remove pilot lamp shield by pushing in on shield, turning left 1/8 turn, and pulling straight out. Pilot lamp is now accessible and may be unscrewed from socket.

FUSE REPLACEMENT. A pilot lamp in the fuse-holder cap will glow when the power switch is turned on. Failure of this lamp to glow indicates a burned-out fuse.

To replace, push in on fuse holder and turn 1/4 turn to the LEFT to release. Fuse is mounted in socket of fuse-holder cap and can be removed by pulling out. Use care when replacing fuse holder - do not force when inserting.

REPEATED FUSE BURNOUTS INDICATE
A SHORT CIRCUIT OR OVERLOAD, AND
THE TROUBLE SHOULD BE LOCATED
AND CORRECTED BY A FULLY TRAINED
SERVICEMAN.

INDICATOR-RECORDER

NOTE: Access to the internal components, including plastic ink bottle (or bottles), is gained in the following manner: unscrew the chart hub, lift the pen-retention spring and remove the chart. Loosen the knurled screw which is at the lower right corner of the chart backup plate. Pull the bottom of the plate outward to open. The following steps are applicable to each inking system if your indicator-recorder is a multiple-pen model.

step C

CLEANING

The inking system should be cleaned periodically. This should be done as follows:

1. Fill the ink bottle with warm tap water.
2. Replace the cap and tighten firmly.
3. Place the index finger over the vent hole in the cap and pull the bottom of the plate outward to open.

4. Be sure to clear the tubing while the pen is in operation. Release the pressure on the bottle as the ink flows from the pen tip.

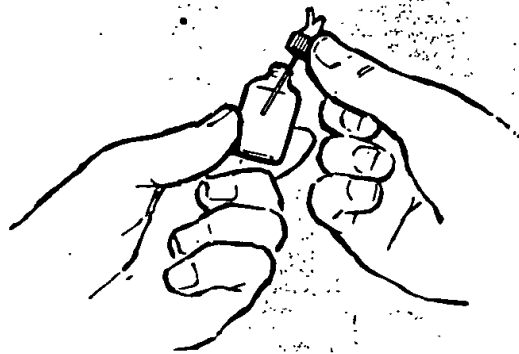
step D

CHANGING

1. Unscrew the pen-retention spring from the pen lifter and screw it into the chart hub.
2. With the pen lifter in place, remove the chart and place it over the pen.
3. Turn the pen-retention spring to the proper position.
4. Replace the chart and secure it with the pen-retention spring.

recording

°F
°C



step A

PLACING THE INSTRUMENT IN OPERATION FOR THE FIRST TIME

1. Remove cap (with capillary tubing attached) and fill bottle with ink to the line on bottle.
2. Replace cap and tighten firmly.
3. Place finger over vent hole in cap.
4. Squeeze bottle between thumb and middle finger until ink flows through tubing and a few drops flow freely from tip of pen.

REMOVE FINGER FROM VENT HOLE BEFORE RELAXING PRESSURE ON BOTTLE. (DO NOT RELEASE SUDDENLY as the ink could be drawn back from pen tip.)

The pen is now ready for operation.

step B

FILLING THE BOTTLE WITH INK

1. Before removing cap from ink bottle, squeeze the bottle between the thumb and middle finger while the vent hole in the cap is open, then close the vent hole with the index finger and release pressure on bottle. The ink in the tubing will then be drawn into the bottle. This will prevent dripping when the cap assembly is removed and will also prevent air bubbles from forming when ink is forced into the tubing.

2. Repeat Step A.

ink supply (2)

(red)

P-89491-91

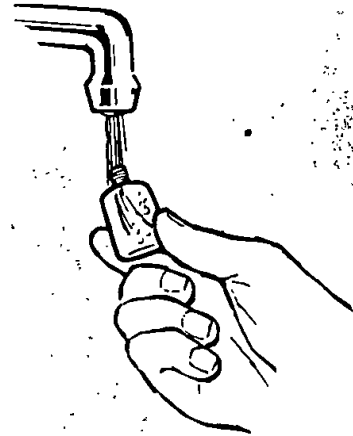
repair parts . . recording instrument

step C

CLEANING THE INKING SYSTEM

The inking system should be cleaned periodically with warm water. This may be done as follows:

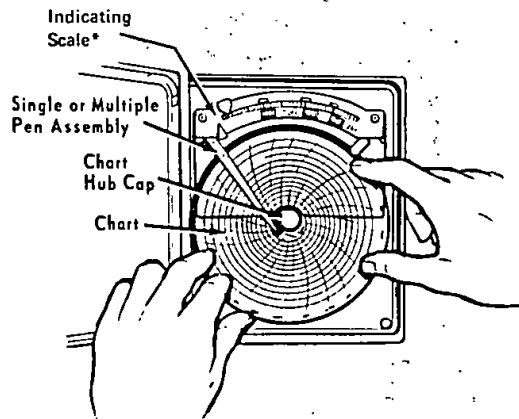
1. Fill the empty plastic ink bottle with warm tap water.
2. Replace cap and tighten firmly.
3. Place index finger over vent hole in cap and squeeze the bottle between thumb and middle finger to force the water through capillary and pen. (Place blotter under pen to absorb the water forced out.)
4. Be sure, after cleaning the capillary, to clear it of water by squeezing the bottle while the vent hole is open and then closing the vent hole and releasing the pressure on the bottle. This will draw any residue in the capillary into the bottle.



step D

CHANGING THE CHART

1. Unscrew hub cap. The cap retains a spring-loaded wire bracket which acts as a pen lifter; hold the bracket while unscrewing the cap.
2. With the hub cap and pen away from the chart, remove chart and slip a new one over the chart hub.
3. Turn chart by hand until pen rests on proper time arc.
4. Replace and tighten hub cap.



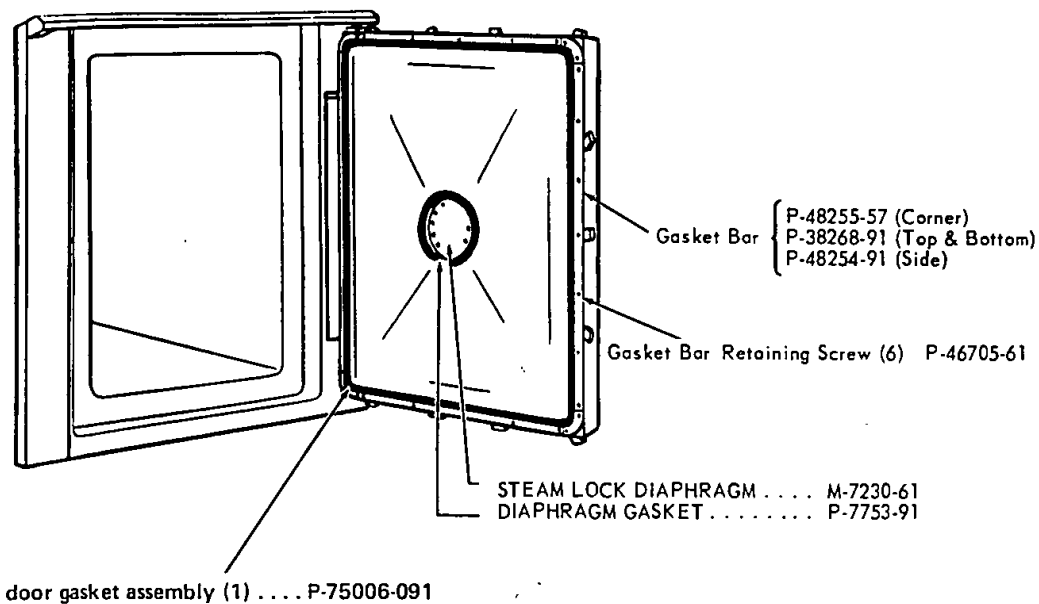
*Reversible (°F on one side °C on the other)

recording chart

100 per box (2)

°F P-96636-91
°C P-96637-91

repair parts...sterilizer



how to install door gasket

1. Remove old gasket and gasket bars by removing the retaining screws.

NOTE: Gasket should be carefully examined over its entire length for variations in compression. If variations in gasket compression indicate an appreciable difference in different areas, the door is probably not properly shimmed; it should be rehung and shimmed. Contact an authorized AMSCO serviceman.
2. Clean door surface, end frame surface and gasket surface with solvent. (Such as Stoddard solution). Make certain that surfaces are free of foreign matter.
3. Run a 1/4"-28 tap through the gasket bar holes in door to clean threads.
4. Replace gasket bars. Leave bars loose enough to allow gasket to be inserted.
5. Insert gasket under gasket bars ... tightening gasket bar retaining screws just enough to hold the gasket. Don't compress the gasket to any great extent in any one area.
6. Tighten gasket bars alternately to almost snug.
7. If gasket appears firmly seated under gasket bars and is flat on the door, snug the gasket bar retaining screws.
8. After gasket has been installed, spray the sealing surfaces of the end ring with Fluorocarbon Spray (AMSCO Part No. P-752870-091; available from your local AMSCO representative) to prevent gasket from sticking.
9. If your sterilizer has a . . .
 - Power Door - Press "LOCK" button to close and tighten door.
 - Manual Door - Close and tighten door only sufficient to obtain a snug fit. Un-necessary tightening will only result in excessive gasket compression and reduced gasket life.

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jacket

solenc

1 (For Conc

1 (For Cond
Bypass)

strain

steam

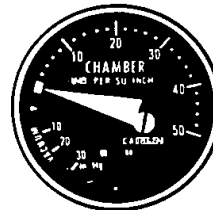
water

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repair parts...sterilizer

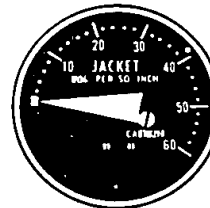
chamber pressure gauge (1)

P-90525-91



jacket pressure gauge (1)

P-90730-91



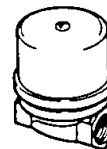
solenoid valve

1 (For Condenser Water)

P-90234-91

1 (For Condenser Water Line Bypass)

P-89416-91



strainers

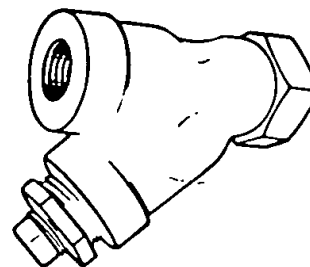
steam (1)

P-42104-91

water (1)

(For Sterilizer with Condenser)

P-47670-91



Corner)
Top & Bottom)
Side)

P-46705-61

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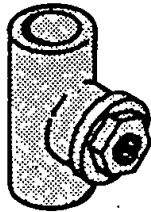
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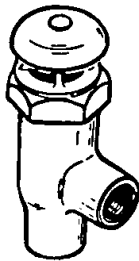
repair parts...sterilizer



flow regulator valve assembly (1)

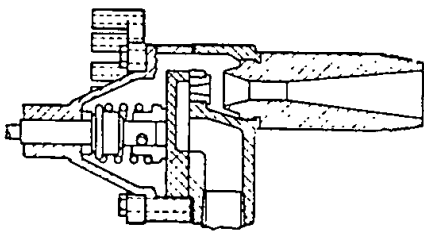
(For Sterilizer with Condenser) P-78658-91

hi-lo



vacuum breaker (1)

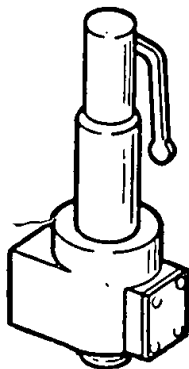
(For Sterilizer with Condenser) P-90233-91



multiport valve assembly

PART NO.	STERILIZER SIZE
A-149572-91	24 x 36 x 36"
A-149698-91	24 x 36 x 48" & 24 x 36 x 60"
Spring (1) . . . P-13656-61	
Seat (1) . . . P-89748-91	(24 x 36 x 48" & 24 x 36 x 60")
	P-21422-91 (24 x 36 x 36")
Gasket (1) . . . P-13689-91	

angl
(S



safety valve (1)

P-91960-91

© E.I. d

repair parts ... sterilizer

hi-lo valve assembly

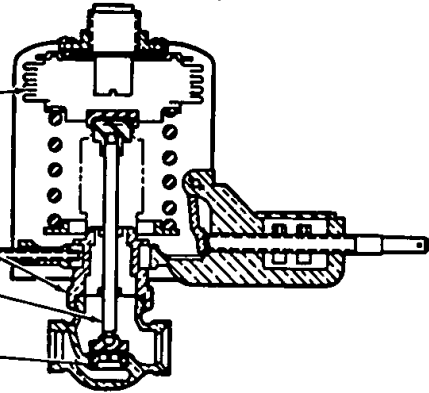
A-96360-91

Bellows (1) P-35880-91

Bonnet and Syphon Assembly (1) P-26837-91

Stem and Disc Assembly (1) P-28267-91

Monel Seat (1) M-22425-61



angle valve assembly (steam supply)

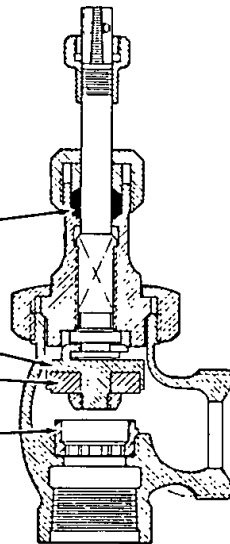
A-26907-91

Packing (12) P-8784-91

Disc-holder Assembly (1) A-25567-91

Teflon[®] Disc (6) P-25569-91

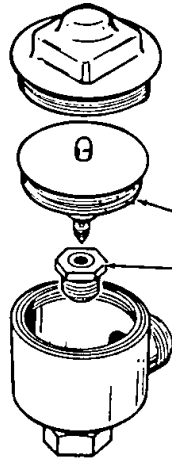
Seat (6) M-22425-61



repair parts...sterilizer

thermostatic steam trap assembly (1)

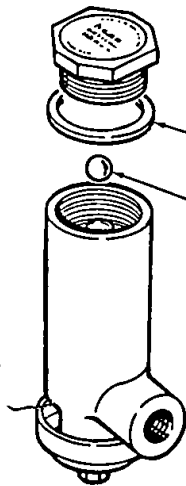
P-19000-91



Diaphragm Assembly P-30397-91

vacuum drier assembly

A-10301-91



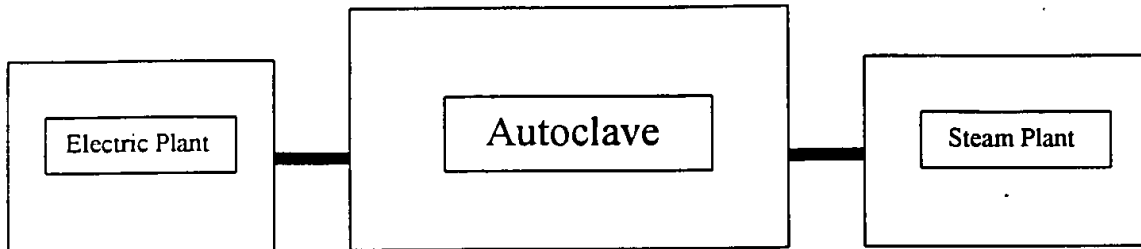
Gasket (1) P-46754-91

Ball (1) P-12609-91

NOTES

BASIC STEAM and ELECTRICAL POWER SCHEMATIC FOR TSRI AUTOCLAVES

Detailed information regarding the steam or electrical plant can be obtained by contacting
The Scripps Research Institute, Engineering Services.



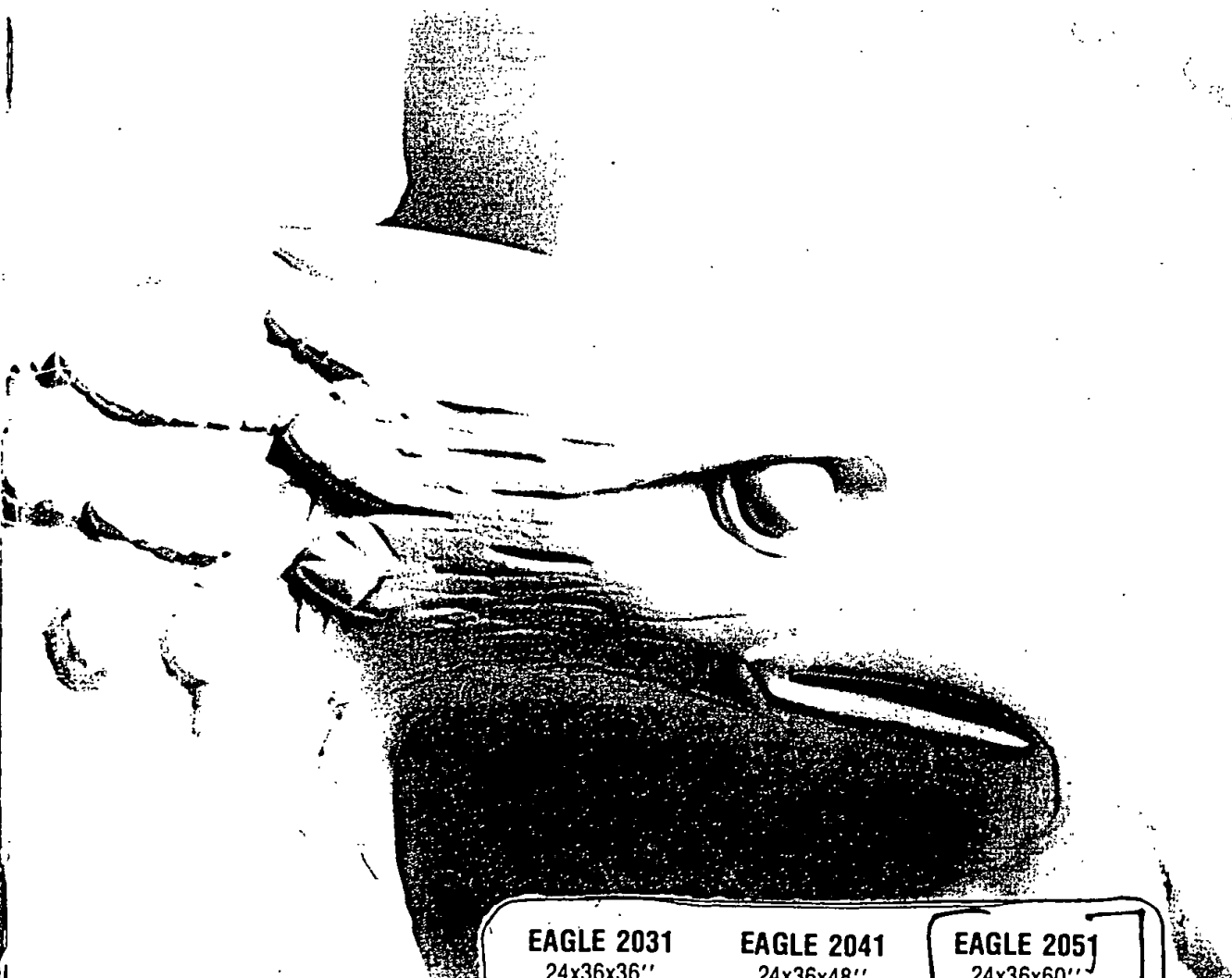
**Manufacturer Operating Procedures,
Maintenance Schedules, and Schematics**

Autoclaves A4 and A5



AMSCO

Equipment Manual



EAGLE 2031
24x36x36"
(610x914x914 mm)

EAGLE 2041
24x36x48"
(610x914x1219 mm)

EAGLE 2051
24x36x60"
(610x914x1524 mm)

Gravity Sterilizer

(6/5/80)

P-129140-001

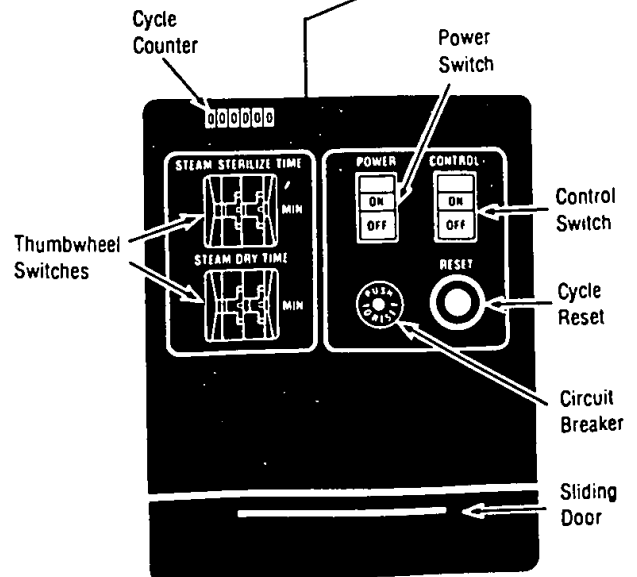
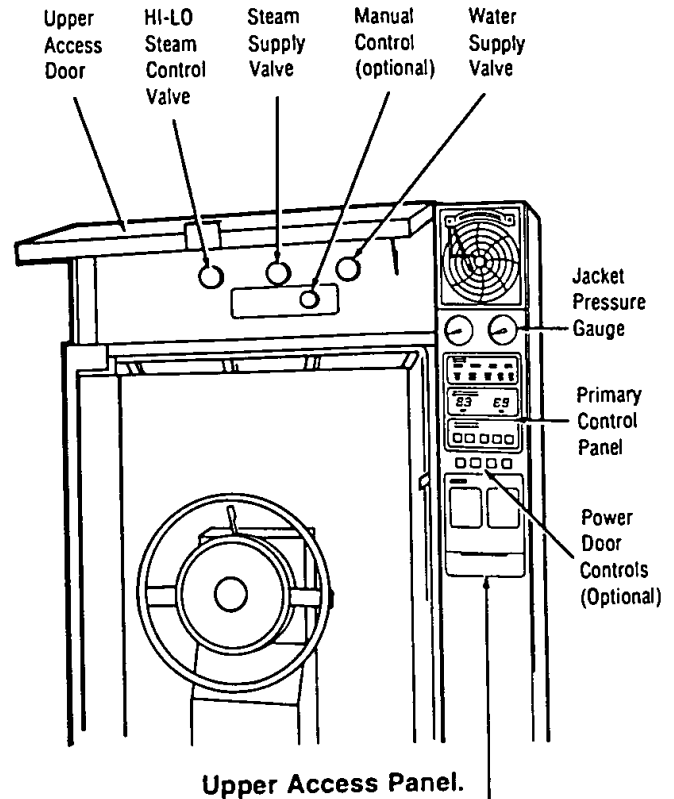
4

OPERATING INSTRUCTIONS

The information in this section will provide optimum equipment performance if followed carefully. It will not, however, compensate for failure to observe and understand the parameters of the sterilizing equipment process. Refer to Section 3 for proper Sterilization Techniques.

4.1 Before Operating The Equipment

1. Be sure that chamber drain strainer is clean and in place and that chamber interior is clean (para. 5.1).
2. Open the upper access door.
 - a. If sterilizer has manual control, make sure it is turned to OFF.
 - b. Turn STEAM and WATER valves to ON. Steam is admitted to jacket and will begin to warm chamber.
3. Open the door on the secondary control panel, and position the POWER and CONTROL switches to ON. The primary control panel lights up.
4. Install a new paper chart on the Indicator-Recorder-Controller at the beginning of each day.
5. Review paragraph 4.5, "Control Monitoring and Communication Systems," in order to identify the cause of any abnormal condition during a sterilization cycle.
6. If a double-door unit, review paragraph 4.6 to become familiar with the controls on the non-operating end.
7. If sterilizer is equipped with power door(s), review paragraph 4.8, "Power Door Manual Operation."
8. Wait until jacket pressure has stabilized before starting a cycle.



4.2 Automatic Operation: Gravity Cycle

1. Follow instructions in paragraph 4.1, "Before Operating The Equipment."

2. Refer to Table 4.1 and select the desired sterilizing temperature. Open the upper access door and turn HI-LO valve to HI for the 270° F (132° C) sterilizing cycle, or to LO for the 250° F (121° C) sterilizing cycle.

NOTE: For cycle temperature below 250° F (121° C), refer to paragraph 4.7.

3. Open the door on the secondary control panel.

a. Be sure POWER and CONTROL switches are ON. Primary control panel should be lit.

b. Dial the correct exposure period (Table 4.1) STERILIZE TIME thumbwheel switches.

JTE: For items not listed in Table 4.1, time required will depend upon material and wrapping (if applicable). If there is any question, contact manufacturer of the material for the recommended procedure.

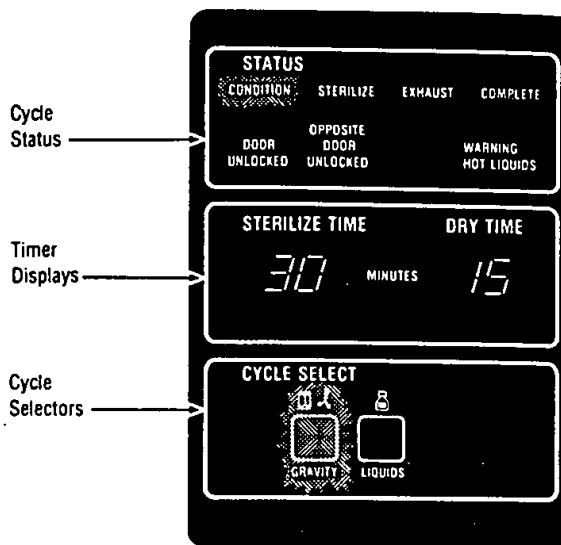
c. Dial the desired drying period on DRY TIME thumbwheel switches. For wrapped goods, 15 minutes is recommended. For unwrapped goods, drying time is not required, however, a minimum of 02 minutes will eliminate excess steam vapors prior to opening chamber door.

NOTE: Set times are displayed on the primary control panel. Once the cycle is started, these times are locked in and cannot be changed.

4. Set the yellow pointer on the indicator-recorder-controller to 270° F (132° C) or to 250° F (121° C).

5. Open chamber door and load sterilizer.

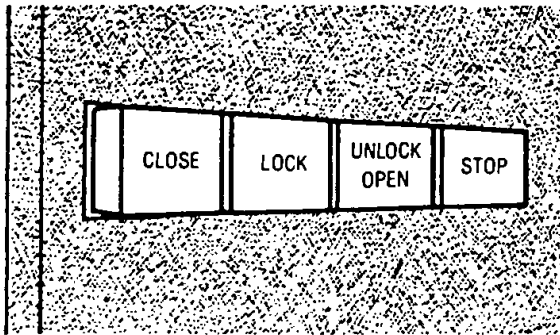
a. Power Door (if double-door unit, opposite door must be locked) — press UNLOCK/OPEN button ... once to unlock the door, a second time to open it.



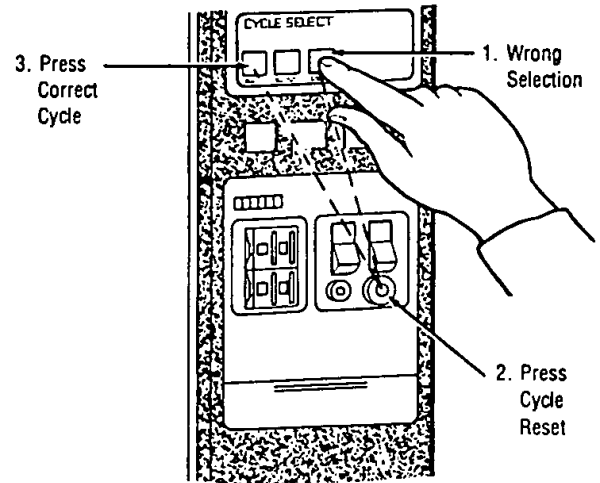
Primary Control Panel

TABLE 4.1 MINIMUM STERILIZATION EXPOSURE PERIOD — WRAPPED AND UNWRAPPED GOODS GRAVITY CYCLE ONLY

ITEMS	RECORDER SETTING	
	250° F (121° C) MINUTES	270° F (132° C) MINUTES
Dressings, wrapped in paper or muslin	30	15
Glassware, empty, inverted	15	3
Instruments, metal only, any number (unwrapped)	15	3
Instruments, metal, combined with suture, tubing or other porous materials (unwrapped)	20	10
Instruments, wrapped in double thickness muslin	30	10
Linen packs (maximal size: 12"x12"x20"; maximal weight 12 pounds)	30	—
Rubber gloves, wrapped in muslin or paper	20	10
Treatment trays, wrapped in muslin or paper	30	10
Utensils, unwrapped	15	3
Utensils, wrapped in muslin or paper	20	10



Power Door Controls.



Cycle Reset.

b. Manual Door — turn handwheel counterclockwise. Should the door not at first unlock, turn door wheel slightly clockwise, press the center black button, then again turn door wheel counterclockwise and open. Turn handwheel to extreme left to bring ends of holding arms inward so that they will not strike door frame when door is opened or closed.

6. Close and lock the door . . . panel light DOOR UNLOCKED (also OPPOSITE DOOR UNLOCKED if applicable) must go off. Once chamber is pressurized, an integral pressure-actuated lock will prevent door from being opened.

a. Power Door — press LOCK button.

b. Manual Door — turn handwheel to the right as far as it will go using normal hand pressure.

NOTE: Pressing the STOP button during power door operation will immediately stop the door. Refer to paragraph 4.8 if it becomes necessary to shift from power to manual operation.

7. Touch GRAVITY cycle selector. Light comes on to full brightness. Status light CONDITION comes on.

NOTE: If you push the wrong cycle selector, simply press and release the RESET pushbutton on the secondary panel. Earlier selected cycle light will go out. Touch selector for correct cycle. Cycle light will come on; status light CONDITION will come on and new cycle will begin.

8. After condition phase is complete, STERILIZE light comes on and stays on for the duration of the STERILIZE phase. STERILIZE TIME digital readout begins to count down when sterilizing temperature is reached.

9. When sterilize timer times out, EXHAUST light comes on. Chamber exhausts to atmospheric pressure. If a drying period was selected, DRY TIME digital readout begins to count down. If zero DRY TIME was selected, cycle proceeds to next step.

10. When exhaust phase is completed, panel light COMPLETE comes on and buzzer sounds. Open chamber door (see step 5), load may be removed from the sterilizer.

11. When chamber door is opened, controls will automatically reset and DOOR UNLOCKED light will come on.

35. @ Sq. In = 24 sq. in.

4.3 Automatic Operation: Liquids Cycle

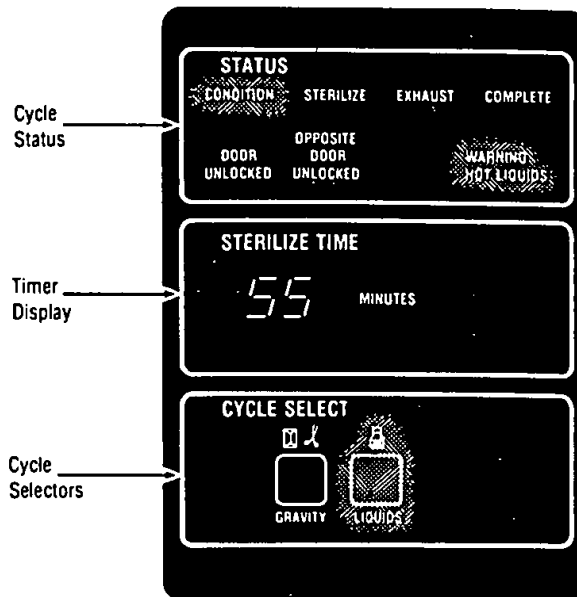
WARNING: TO PREVENT THE POSSIBILITY OF PERSONAL INJURY FROM BURSTING BOTTLES AND HOT FLUID, USE ONLY BORO-SILICATE (PYREX) FLASKS WITH VENTED CLOSURES FOR STERILIZING LIQUIDS.

• SEE PARAGRAPHS 3.2.1 AND 3.2.2 FOR FURTHER INFORMATION.

1. Follow instructions in paragraph 4.1, "Before Operating The Equipment."
2. Open the upper access door and turn HI-LO valve to LO.

NOTE: For cycle temperatures below 250° F (121° C), refer to paragraph 4.7.

3. Open the door on the secondary control panel.
 - a. Be sure POWER and CONTROL switches are ON. Primary control panel should be lit.
 - b. Set STERILIZE timer thumbwheels to appropriate time ... see Table 4.2. (Note: For a laboratory process, the time required will depend upon the specific preparation and volume ... larger volumes normally require longer processing times.)



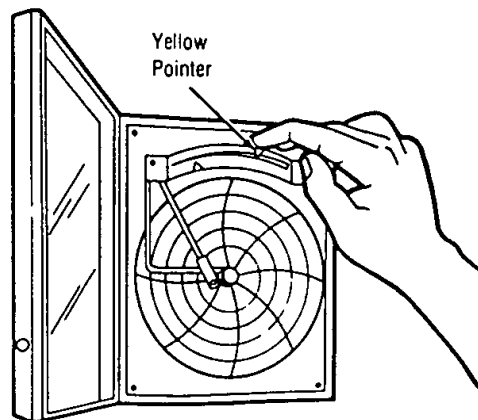
Primary Control Panel.

NOTE: Set time will be displayed on the primary control panel; however, during a LIQUIDS cycle, controller automatically disregards any DRY time setting and blanks out that portion of the display. Once the cycle is started, the STERILIZE time will be locked in and cannot be changed.

4. Set the yellow pointer on the indicator-recorder-controller to 250° F (121° C).
5. Open chamber door and load sterilizer.

TABLE 4.2 MINIMUM RECOMMENDED EXPOSURE TIMES FOR FULL LOAD OF SQUARE-PAK® FLASKED SOLUTIONS
250° F (121° C) RECORDER SETTING

ASPF SIZE	TIME (MINUTES)
75 ML	25
250 ML	30
500 ML	40
1000 ML	45
1500 ML	50
2000 ML	55



Indicator-Recorder-Controller.

a. Power Door (if double-door unit, opposite door must be locked) — press UNLOCK/OPEN button . . . once to unlock the door, a second time to open it.

b. Manual Door — turn handwheel counterclockwise. Should the door not at first unlock, turn door wheel slightly clockwise, press the center black button, then again turn door wheel counterclockwise and open. Turn handwheel to extreme left to bring ends of holding arms inward so that they will not strike door frame when door is opened or closed.

6. Close and lock the door . . . panel light DOOR UNLOCKED (also OPPOSITE DOOR UNLOCKED if applicable) must go off. Once chamber is pressurized, an integral pressure-actuated lock will prevent door from being opened.

a. Power Door — press LOCK button.

b. Manual Door — turn handwheel to the right as far as it will go using normal hand pressure.

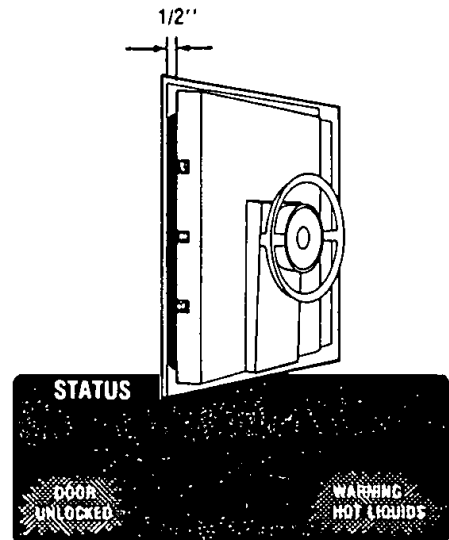
NOTE: Pressing the STOP button during power door operation will immediately stop the door. Refer to paragraph 4.8 if it becomes necessary to shift from power to manual operation.

7. Touch LIQUIDS cycle selector. Light comes on to full brightness. Status light CONDITION comes on; also WARNING HOT LIQUIDS light comes on.

NOTE: If you push the wrong cycle selector, simply press and release the RESET pushbutton on the secondary panel. Earlier selected cycle light will go out. Touch selector for correct cycle. Cycle light will come on; status light CONDITION will come on and new cycle will begin.

8. After condition phase is completed, STERILIZE panel light comes on and stays on for the duration of the sterilize phase. STERILIZE TIME digital readout begins to count down when sterilizing temperature is reached.

9. When sterilize timer times out, EXHAUST light comes on and chamber exhausts slowly.



Crack Door Following Liquids Cycle.

10. When exhaust phase is completed, COMPLETE light comes on and buzzer begins to sound.

WARNING: SUDDEN FULL OPENING OF THE DOOR FOLLOWING A STERILIZATION CYCLE COULD CAUSE LIQUIDS TO BOIL OVER OR BOTTLES TO BURST. TO PREVENT POSSIBLE PERSONAL INJURY, PROCEED AS FOLLOWS.

11. Crack the door open (see step 5) about 1/2'' and leave it cracked for at least 10 minutes. (If a power door, press the UNLOCK/OPEN button only once. This will unlock, but not open the door.)

12. Unlocking the door will stop buzzer and cause DOOR UNLOCKED light to come on. WARNING HOT LIQUIDS light will remain on, but will begin to flash . . . continuing for 10 minutes. At the end of 10 minutes, buzzer will again sound and WARNING HOT LIQUIDS light will stay on, but will stop flashing.

13. Open chamber door, load may now be removed from sterilizer. Press RESET button on secondary control panel to reset control and turn WARNING HOT LIQUIDS light off.

4.4 Manual Operation: Gravity (Wrapped or Unwrapped Goods) or Liquids Cycle

NOTE: Manual control is an optional feature on this sterilizer. The following procedure can be performed only if this sterilizer is so equipped.

1. Follow steps 1, 2 and 8 in paragraph 4.1, "Before Operating The Equipment." If there is electricity to the sterilizer, positioning POWER switch on secondary control panel at ON will energize the Recorder. The CONTROL switch, however, must be positioned at OFF when using manual operation.

2. Open the upper access door.

3. Determine desired processing temperature (270° F [132° C] or 250° F [121° C] for Gravity cycle; 250° F [121° C] for Liquids cycle). See Table 4.1 or 4.2. As a reminder, the yellow pointer on the indicator-recorder-controller may be positioned to this temperature.

NOTE: For wrapped or unwrapped goods not listed in Table 4.1, time required will depend upon material and wrapping (if applicable). If there is any question, contact manufacturer of the material for the recommended procedure. For laboratory processing of liquids, the time required will depend upon the specific preparation and volume ... larger volumes normally require longer processing times.

4. Set HI-LO valve as follows:

a. For 250° F (121° C) operation — refer to paragraph 4.7 for instructions on loosening front stop on pressure regulator; then turn valve counterclockwise until jacket pressure gauge reads between 15 and 18 psig (1.056 and 1.267 kg/cm²).

NOTE: If normal "LO" setting is used for manual operation, chamber temperature will be approximately 258° F (126° C).

b. for 270° F (132° C) operation — set HI-LO valve so that jacket pressure gauge reads between 28 and 30 psig (1.971 and 2.112 kg/cm²).

WARNING: WHEN OPERATING A LIQUIDS CYCLE YOU MUST OBSERVE THE PRECAUTIONS LISTED IN PARAGRAPH 3.2. FAILURE TO FOLLOW THESE PRECAUTIONS COULD RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE.

5. Open chamber door and load sterilizer.

a. Power Door — if power is available use normal procedure, otherwise follow instructions in paragraph 4.8, then proceed to step b ("Manual Door").

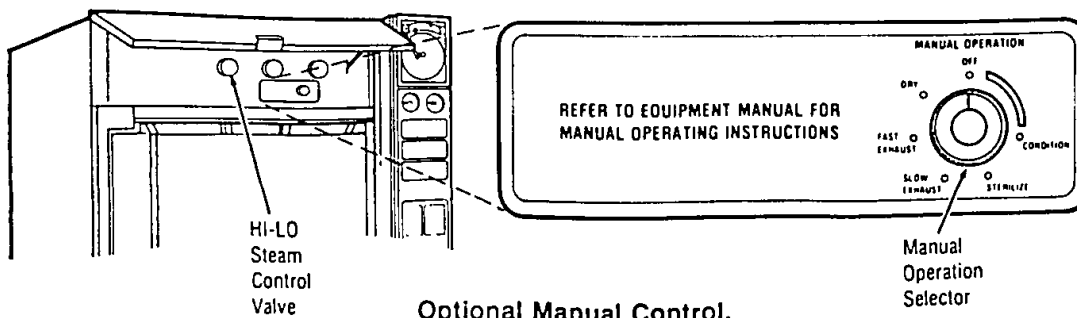
b. Manual Door — turn handwheel counterclockwise. Should the door not at first unlock, turn door wheel slightly clockwise, press the center black button, then again turn door wheel counterclockwise and open. Turn handwheel to extreme left to bring ends of holding arms inward so that they will not strike door frame when door is opened or closed.

6. Close and lock the door ... panel light DOOR UNLOCKED (also OPPOSITE DOOR UNLOCKED if applicable) must go off. Once chamber is pressurized, an integral pressure-actuated lock will prevent door from being opened.

a. Power Door — if power is available use normal procedure, otherwise proceed to step b ("Manual Door").

b. Manual Door — turn handwheel to the right as far as it will go using normal hand pressure.

7. Turn the Manual Operation selector to Condition and wait for sixty seconds. Proceed to step 8.



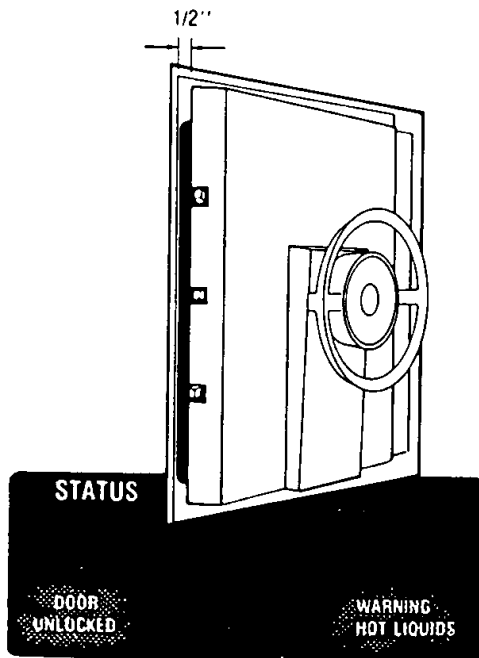
8. After Condition phase, turn selector to Sterilize. When chamber temperature reaches desired temperature, begin timing. After correct sterilization period, proceed to next step.

WARNING: SUDDEN FULL OPENING OF THE DOOR FOLLOWING A LIQUIDS STERILIZATION CYCLE COULD CAUSE LIQUIDS TO BOIL OVER OR BOTTLES TO BURST. TO PREVENT POSSIBLE PERSONAL INJURY, PROCEED AS FOLLOWS.

9. a. If a Liquids cycle, turn selector to Slow Exhaust and keep it in this position until chamber pressure is atmospheric (0 psig). Then turn selector to Off position, omitting the Dry phase. Crack the door open about 1/2" and wait for at least 10 minutes.

b. If a Gravity cycle, turn the selector to the Fast Exhaust position until chamber pressure is between 4 and 6 psig (0.28 and 0.42 kg/cm²). Then turn selector to the Dry position, if a drying period for wrapped goods is desired, and then to Off.

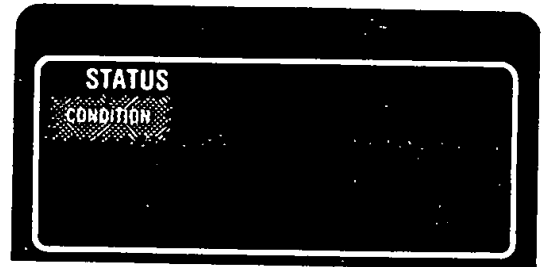
10. Load may be removed from the sterilizer.



Crack Door Following Liquids Cycle.

4.5 Control Monitoring and Communication Systems

To ensure the validity of the sterilizing process, the automatic control continually monitors the cycle. Should one of the following conditions occur, you will be notified as indicated.



No. 1 — Condition Phase Too Long.

CONDITION NO. 1: Sterilizer did not complete conditioning phase in preset time.

INDICATION: CONDITION light on primary control panel flashes and buzzer sounds intermittently.

OPERATOR SHOULD:

1. Touch cycle selector to stop buzzer (sterilizer will continue to operate).

2. Refer to Section 6 "Troubleshooting" to see if problem can be determined and corrected without interrupting cycle (e.g., HI-LO valve is incorrectly set).

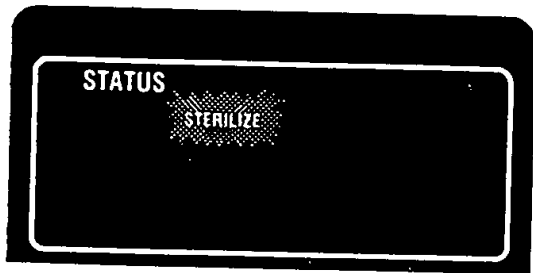
3. If problem cannot be corrected so that conditioning phase can be completed (i.e., chamber reaches set sterilizing temperature), press cycle RESET button on secondary control panel to abort cycle. Do not proceed further until chamber is at atmospheric pressure.

4. When chamber is at atmospheric pressure:

a. If a Liquids cycle was in progress, crack door open 1/2" and wait for at least 10 minutes.

b. Correct problem.

c. Reprocess load.



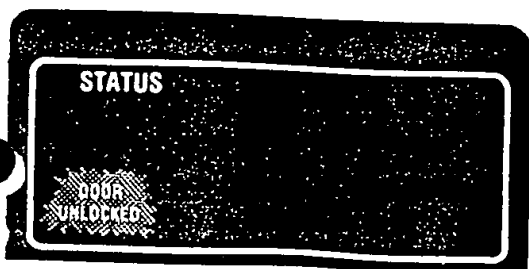
No. 2 — Sterilizing Temperature Drops.

CONDITION NO. 2: Temperature drops 2° F below set point.

INDICATION: STERILIZE light on primary control panel flashes and STERILIZE timer display resets.

OPERATOR SHOULD:

1. Let cycle continue to completion if sterilizing temperature is reestablished.
2. If condition happens repeatedly, refer to Section 6 "Troubleshooting" to see if problem can be determined and corrected without interrupting cycle.
3. If problem cannot be corrected so that sterilizing phase can be completed, press cycle RESET button on secondary control panel to abort cycle. Do not proceed further until chamber is at atmospheric pressure.
4. When chamber is at atmospheric pressure:
 - a. If a **Liquids** cycle was in progress, crack door open 1/2" and wait for at least 10 minutes.
 - b. Correct problem.
 - c. Reprocess load.



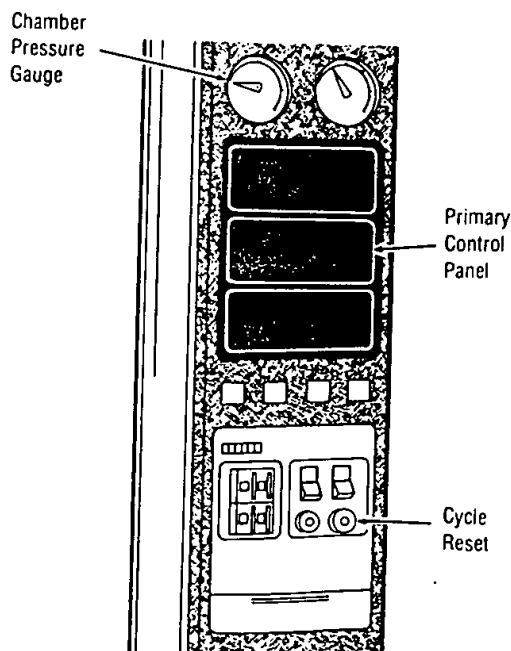
No. 3 — Chamber Door Switch Not Made

CONDITION NO. 3: Cycle started, but chamber door not sufficiently tightened to keep door lock switch actuated.

INDICATION: DOOR UNLOCKED light(s) on primary control panel comes on and buzzer sounds intermittently.

OPERATOR SHOULD:

1. Press cycle RESET button on secondary control panel. Do not proceed further until chamber is at atmospheric pressure.
2. When chamber is at atmospheric pressure:
 - a. If a **Liquids** cycle was in progress, crack door open 1/2" and wait for at least 10 minutes.
 - b. Check door and door switch operation.
 - c. Reprocess load.



No. 4 — Loss of Electricity

CONDITION NO. 4: Loss of electricity.

INDICATION: Primary control panel goes dark.

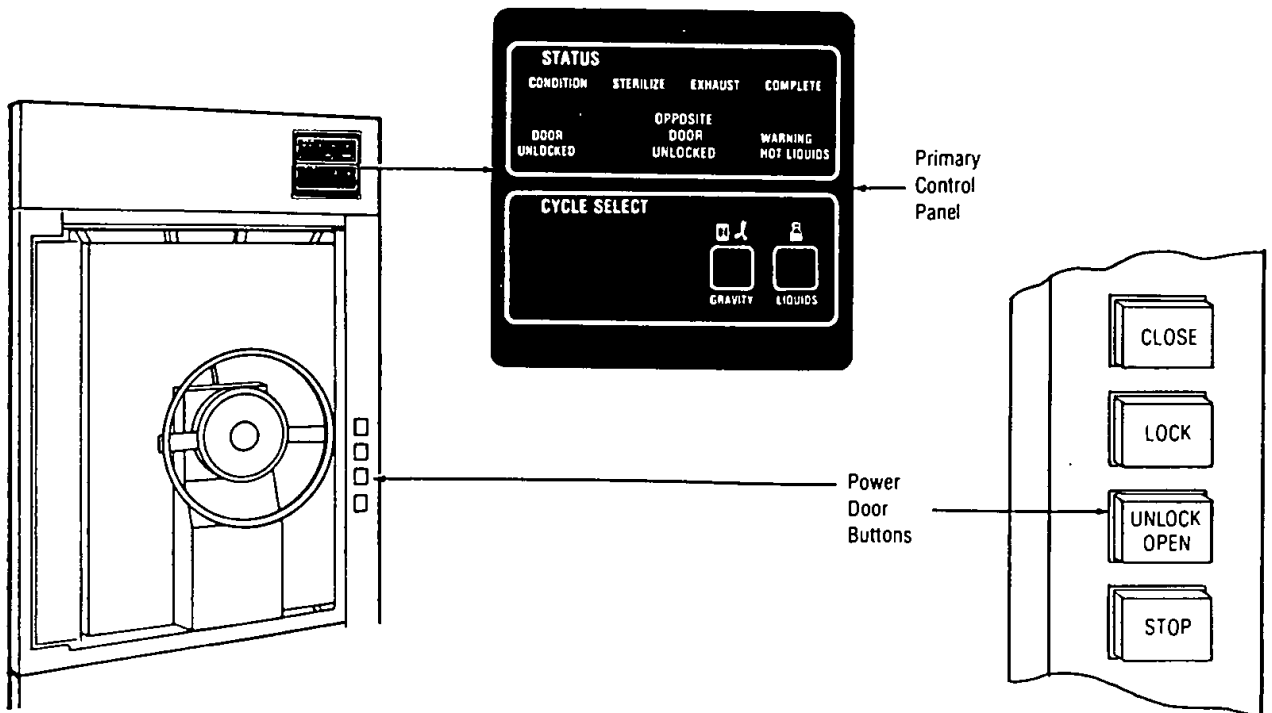
OPERATOR SHOULD:

1. Wait until power is restored to sterilizer; then position CONTROL switch (on secondary control panel) to ON. Buzzer will sound intermittently.
2. Press cycle RESET button, but do not proceed until chamber is at atmospheric pressure.
3. When chamber is at atmospheric pressure:
 - a. If a Liquids cycle was in progress, crack door open about 1/2" and wait for at least 10 minutes, then reprocess load.
 - b. Other cycles, load may be reprocessed right away.

4.6 Controls and Signals For Double-Door Sterilizers

The following controls will be found on the non-operating end of the sterilizer:

1. Cycle selectors: **GRAVITY** and **LIQUIDS**. If you wish to repeat the previous gravity or liquids cycle, and all preparatory actions (para. 4.1) have been made, you may do this from the non-operating end by touching the appropriate selector.
2. Status lights: These indicate the cycle phase which is currently in progress: **CONDITION**, **STERILIZE**, **EXHAUST**, **COMPLETE**, **DOOR UNLOCKED**, **OPPOSITE DOOR UNLOCKED**, **WARNING HOT LIQUIDS**.
3. Warning lights: **DOOR UNLOCKED**, **OPPOSITE DOOR UNLOCKED**, **WARNING HOT LIQUIDS**.
4. Power door controls (if applicable): **CLOSE**, **LOCK**, **UNLOCK/OPEN**, **STOP**.



Non-operating End Primary Control Panel.

7 Sterilization Requirements At Temperatures Below 250° F (121° C)

The HI-LO valve (steam pressure regulator) on this sterilizer was factory set for 250° and 270° F (121° and 132° C) sterilization cycles. If your sterilization procedures routinely require temperature control below 250° F (121° C) ... i.e., Laboratory processes, the LO setting will have to be changed. Have your AMSCO Service Representative or an equally qualified technician from your maintenance staff make the change as follows.

1. If a freestanding sterilizer, remove a cabinet side panel for access to the HI-LO valve; if a recessed model, proceed to the area behind the recessing wall.

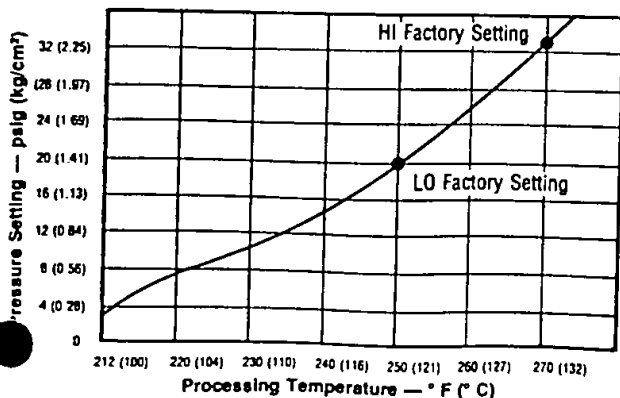
2. Remove adjusting screw cover.

3. Loosen setscrew on front locknut; turn locknut until it is against the rear locknut.

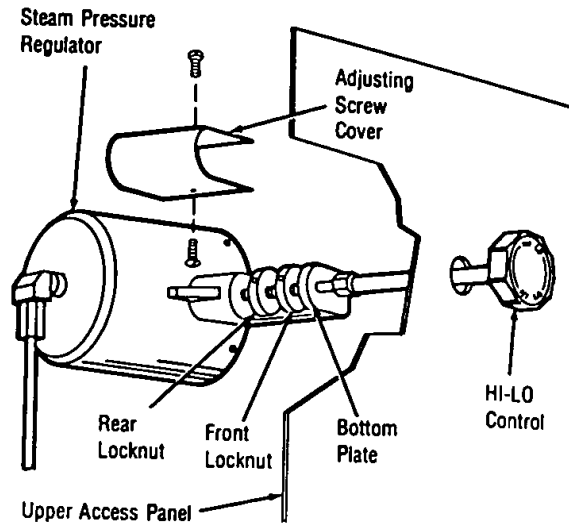
4. Follow instructions in paragraph 4.1, "Before Operating The Equipment."

5. Using the following chart, adjust the HI-LO valve until jacket pressure as indicated on the jacket pressure gauge corresponds with the desired processing temperature.

6. Follow cycle instructions starting with step 3 of paragraph 4.2 if a Gravity cycle; paragraph 4.3 if a Liquids cycle, except set the yellow pointer on the indicator-recorder-controller for the desired processing temperature.



Pressure Regulator Settings.



Adjusting Pressure Regulator.

NOTE: At lower settings the indicator-recorder-controller will maintain chamber temperature at a slightly higher than set temperature ... if necessary, wait until cycle reaches the sterilize phase and readjust the yellow pointer until the recorder chart indicates the exact temperature.

7. Steps 4, 5 and 6 will have to be repeated for each new temperature. If temperature will not be changed, turn locknut on HI-LO valve until it is against the stop on the bottom plate, then tighten the setscrew.

8. Replace the adjusting screw cover and if applicable, the cabinet side panel.

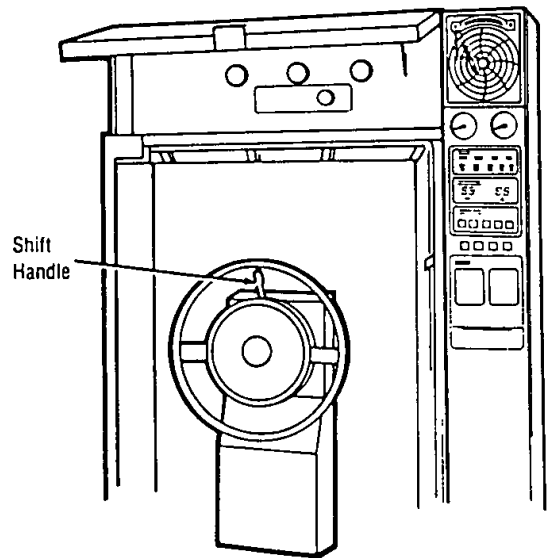
NOTE: The jacket pressure/processing temperature relationships provided in this chart are guidelines for optimum performance of this Eagle Series sterilizer. They do not represent actual pressure/temperature ratios.

4.8 Power Door Manual Operation

1. Pull shift handle to the left. If handwheel does not engage, turn it slowly while maintaining a slight pressure to the left on shift handle.

2. To return the power operation from manual, position shift handle to the right.

CAUTION: Be sure shift handle is in either the extreme right (POWER) or left (MANUAL) position at all times. Placing handle in an intermediate position could damage drive system.



Power Door Shift Handle.

5

ROUTINE MAINTENANCE

WARNING: REPAIRS AND ADJUSTMENTS, OTHER THAN THOSE DESCRIBED IN THESE INSTRUCTIONS, SHOULD BE ATTEMPTED ONLY BY EXPERIENCED PERSONS FULLY ACQUAINTED WITH THIS EQUIPMENT. USE OF INEXPERIENCED, UNQUALIFIED PERSONS TO WORK ON THE EQUIPMENT OR THE INSTALLATION OF UNAUTHORIZED PARTS COULD CAUSE PERSONAL INJURY OR RESULT IN COSTLY DAMAGE!

IMPORTANT: Paragraph 5.4, step 3 calls for periodic checking of safety valve operation in accordance with the National Board Inspection Code. However, a periodic boiler inspection by a qualified inspector to check the integrity of the pressure vessel is also advisable. Be sure to check state and local requirements for such inspections.

The following procedures should be performed at regular intervals, as indicated. This frequency is the minimum and should be increased if usage of the sterilizer demands. Should a problem occur, refer to Section 6, "Troubleshooting."

WARNING: ALLOW STERILIZER AND LOADING EQUIPMENT TO COOL TO ROOM TEMPERATURE BEFORE PERFORMING THE FOLLOWING:

5.1 Daily

1. Clean chamber and loading equipment as follows:

a. Wash inside of sterilizing chamber and loading equipment with a mild detergent solution such as Calgonite® (Calgon Corp.).

CAUTION: Never use a wire brush or steel wool on door and chamber assembly.

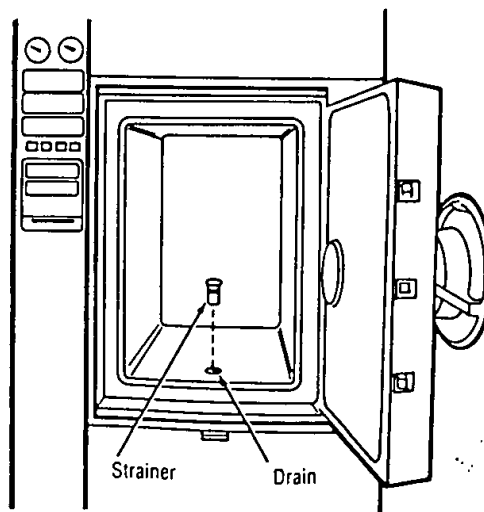
b. Rinse with tap water; dry with lint-free cloth.

c. Remove chamber drain strainer. Clean out lint and sediment; reverse flush under running water.

d. Place strainer back in chamber drain.

e. Flush drain weekly — see below. Also flush drain whenever line becomes clogged or spillage occurs during a liquids processing cycle.

NOTE: To keep your sterilizer and loading equipment looking like new, AMSCO recommends an occasional application of **Pry Cream** to the non-painted surfaces. **Pry Cream** is available from your AMSCO representative.



Cleaning Chamber Drain Strainer.

5.2 Weekly

1. Flush chamber drain as follows:

- a. Remove chamber drain strainer.
- b. Rinse drain with hot solution of trisodium phosphate (two tablespoons to one quart of water).

or

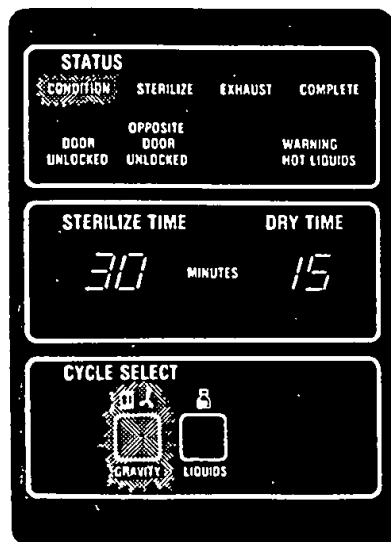
If trisodium phosphate is objectionable, use a solution of 1/2 cup of AMSCO Sonic Detergent* and one quart of hot water.

- c. Wait five minutes.
 - d. Then flush drain with one quart of hot water.
 - e. Place strainer back in chamber drain.
- ### 2. Check control and status signals as follows:

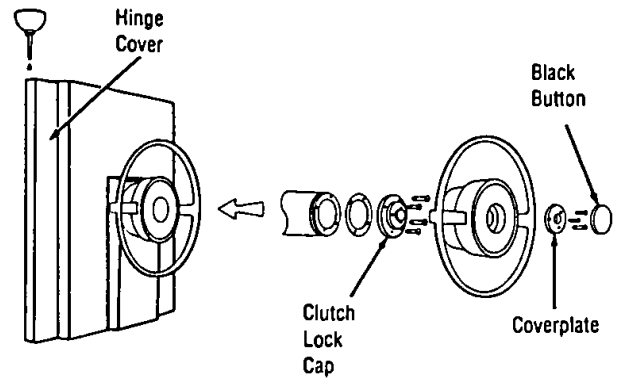
a. With empty chamber, set the thumbwheel switches for one minute. Watch the control panel as the sterilizer operates through each phase. Refer to page 30 if any lights are out.

b. Observe gauges and indicator-recorder-controller for proper functioning.

*Available from your local AMSCO representative.



Primary Control Panel



Lubricating Chamber Door.

5.3 Monthly

1. Place a few drops of heavy machine oil (SAE 20 or 30 motor oil will do) on chamber door hinge pins (top and bottom). Work oil into hinge by opening and closing the door several times.

5.4 Quarterly

1. Expose and grease door post bearing as follows:

- a. Unscrew the black button in the center of the chamber door wheel.
- b. Remove the three socket head screws.
- c. Remove coverplate.
- d. Remove door handwheel.
- e. Remove four socket head screws.
- f. Remove clutch lock cap and shims (if power door).
- g. Inject a high-temperature grease such as Neptune 7* (Mfgr: Ore-Lube Corp., College Point, N.Y. 11356) or one of equal quality into cavity between nuts and screw shaft.

h. Reassemble in reverse order.

2. Inspect door gasket. If it is brittle or has cracks, replace it. (See page 28 for instructions.)

*Also available from your local AMSCO representative ... ask for part P-385220-091.

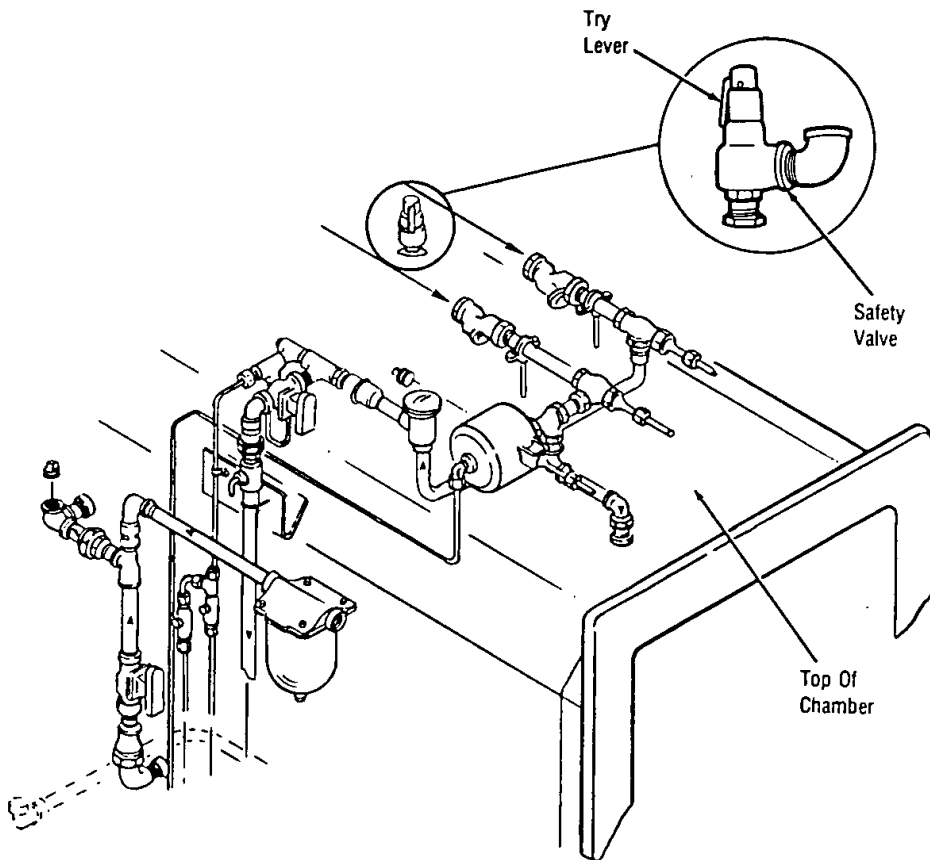
3. Check chamber safety valve as follows:

- a. Be sure sterilizer is cool.
- b. Inspect safety valve for accumulations of rust, scale or other foreign substances which would prevent free operation of the valve. The opening of any discharge piping must be clear and free from restrictions.
- c. Operate try lever (or pull ring) several times. The lever should move freely and return to its closed position after each operation.
- d. Follow operating instructions on page 7, and allow chamber to reach operating pressure.

WARNING: BE CAREFUL OF STEAM ESCAPING FROM SAFETY VALVE. TO PREVENT BURNS, WEAR GLOVES OR USE AN EXTENSION DEVICE IF IT BECOMES NECESSARY TO OPERATE THE TRY LEVER.

e. Check safety valve for steam leakage. If valve is leaking, operate the try lever several times to see if the leakage will stop. **Avoid letting moisture get under insulation on chamber as it will cause rusting of the outer jacket.**

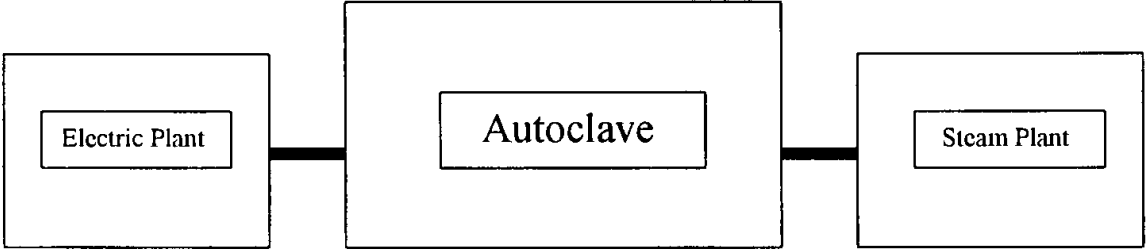
f. If leakage continues, discontinue operation of sterilizer until a qualified technician replaces the leaky safety valve.



Chamber Safety Valve.

BASIC STEAM and ELECTRICAL POWER SCHEMATIC FOR TSRI AUTOCLAVES

Detailed information regarding the steam or electrical plant can be obtained by contacting
The Scripps Research Institute, Engineering Services.



THE
SCRIPPS
RESEARCH
INSTITUTE

RECEIVED
NOV 13 1 05 PM '00
HEALTH

10550 North Torrey Pines Road
La Jolla, California 92037
mail BCC 078
tel 858 784 8240
fax 858 784 8490

November 7, 2000

Ms. Sylvia Mosse, R.E.H.S.
Department of Environmental Health
County of San Diego
Hazardous Materials Division
P.O. Box 129261
San Diego, CA 92112-9261

Dear Ms. Mosse:

Enclosed is the required information to revise the Medical Waste Treatment Permit issued to The Scripps Research Institute (TSRI), Site 10550 North Torrey Pines Road, Establishment No.H14290, Expiration Date, March 2002. I have also enclosed a copy of the original letter addressed to Mr. Deweese.

Due to the large number of changes contained in the enclosed permit application packet, I have attempted to facilitate the review process by listing the significant revisions below. If you should have any questions regarding the permit application, please do not hesitate to contact me.

- (a) Removal of the following autoclaves (serial numbers): 0125186-023, 0110192-04, 0496121693, and 039962689.
- (b) Addition of the following autoclaves (serial numbers): 0495, 0496121691, 0103399-7, 011499114, and 011519109 (Autoclaves A1, A2, A6, A7 and A8 of Permit Section VIII. See Attachment 5, Table I).

Autoclaves A7 (011499114) and A8 (011519109) are currently permitted at The Scripps Research Institute's CVN facility, 3545 John Hopkins Court, San Diego, CA 92121, Establishment No. H33602.

The CVN facility is within 400 yards from the property boundary of the existing TSRI facility (H14290). As the CVN facility meets the definition of adjacent property as defined in Title 22, Section 65600 of the California Code of Regulations, these autoclaves are being transferred to the TSRI facility permit. The CVN facility Medical Waste Treatment Permit will be terminated.

- (c) Inclusion of all requested permit information that pertains to the added autoclaves.
- (d) Addition of all information required on page 8 of the permit application (Medical Waste Treatment Equipment Specifications) for all permitted autoclaves.

10550 North Torrey Pines Road
La Jolla, California 92037
mail BCC 078
tel 858 784 8240
fax 858 784 8490

NOV 13 1 09 PM '00

January 12, 2000

Mr. Dale Deweese
Department of Environmental Health
County of San Diego
Hazardous Materials Division
1255 Imperial Avenue
P.O. Box 129261
San Diego, CA 92112-9261

Dear Mr. Deweese:

Enclosed is the required information to revise the Medical Waste Treatment Permit issued to The Scripps Research Institute (TSRI), Site 10550 North Torrey Pines Road, Establishment No.H14290, Expiration Date, March 2002.

Due to the large number of changes contained in the enclosed permit application packet, I have attempted to facilitate the review process by listing the significant revisions below. If you should have any questions regarding the permit application, please do not hesitate to contact me.

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- (b) Addition of the following autoclaves (serial numbers): 0495, 0496121691, 0103399-7, 011499114, and 011519109 (Autoclaves A1, A2, A6, A7 and A8 of Permit Section VIII. See Attachment 5, Table 1).

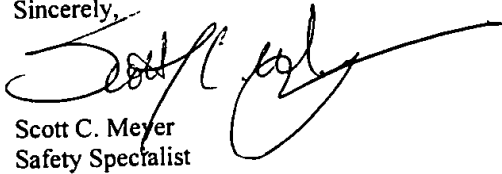
Autoclaves A7 (011499114) and A8 (011519109) are currently permitted at The Scripps Research Institute's CVN facility, 3545 John Hopkins Court, San Diego, CA 92121, Establishment No. H33602.
R APP
- (c) The CVN facility is within 400 yards from the property boundary of the existing TSRI facility (H14290). As the CVN facility meets the definition of adjacent property as defined in Title 22, Section 65600 of the California Code of Regulations, these autoclaves are being transferred to the TSRI facility permit. The CVN facility Medical Waste Treatment Permit will be terminated.
- (d) Inclusion of all requested permit information that pertains to the added autoclaves.
- (e) Addition of all information required on page 8 of the permit application (Medical Waste Treatment Equipment Specifications) for all permitted autoclaves.
- (f) Expanded Emergency Action Plan, Permit Section XI. See Attachment 9.
- (g) Revised Training Plan, Permit Section XII. See Attachment 10.

Mr. Dale Deweese
Page Two
January 12, 2000

(g) Revised Closure Plan, Permit Section XIII. See Attachment 11.

(h) If the transfer of the autoclaves referenced in (b) above is completed, please cancel the CVN Medical Waste Treatment Permit (H33602).

Sincerely,

A handwritten signature in black ink, appearing to read "Scott C. Meyer", with a long, sweeping horizontal stroke extending to the right.

Scott C. Meyer
Safety Specialist

Enclosure: Permit Application Packet
fs:\arch2000\hazmat_mgmt\biohazwst\deweese_011200.doc

**APPLICATION FOR ON-SITE MEDICAL WASTE
TREATMENT PERMIT**

**COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT DIVISION
P. O. BOX 85261
SAN DIEGO, CA 92186-5261
(619) 338-2222**

Instructions

If you generate 200 pounds or more of medical waste in any calendar month, and treat the waste, then you must complete this application and obtain a permit prior to conducting treatment.

Enclosed are the instructions and application forms for a Medical Waste Treatment Permit as required by the Medical Waste Management Act of 1990 (MWMA) for the storage and onsite treatment of medical waste in California (Health and Safety Code, Section 117600 et.al.).

State law specifies that an application for a treatment facility must be submitted and approved to operate a medical waste treatment unit. Failure to obtain a medical waste treatment permit is a violation and subject to a penalty of up to \$25,000 per day and/or jail.

The application requires both general and site-specific information. If you have any questions regarding the information required, you may contact the County of San Diego, Hazardous Materials Management Division (HMMD).

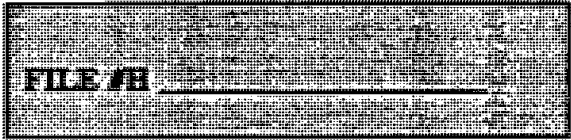
Included in this package is a copy of the applicable regulations, Chapter 21, Sections 65600 through 65628 (non-consecutive) of Title 22, California Code of Regulations, relating to minimum Standards For Permitting Medical Waste Facilities.

Upon completion of the permit application, please attach any supporting data or additional information which may substantiate your answers. Submit the permit application to:

**COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT DIVISION
ATTN: MEDICAL WASTE COORDINATOR
P. O. BOX 85261
SAN DIEGO, CA 92186-5261
(619) 338-2222**

This application will be reviewed and processed by staff from the Hazardous Materials Management Division. A permit processing fee will be charged to the applicant and is payable to the COUNTY OF SAN DIEGO. The fee will be calculated on a hourly basis and will depend on the amount of time it takes to review and process the application. The review fee is \$80.00 per hour.

An initial application review fee of \$160.00 must be submitted with this application at the time of submittal. Additional hours accrued while processing the permit will be charged to the applicant and payable when the final permit is issued.



OFFICIAL USE ONLY

MEDICAL WASTE TREATMENT PERMIT APPLICATION

NAME OF FACILITY: The Scripps Research Institute

APPLICANT NAME: Stuart D. Rosenberg, Director, Environmental Health and Safety

(Must be an individual's/individuals' name(s) in addition to the corporation name.)

APPLICANT ADDRESS: 10550 North Torrey Pines Road

La Jolla, CA 92037

TELEPHONE NUMBER: (858) 784-8240

DATE APPLICATION RECEIVED BY DEPARTMENT: _____
(Department use only)

I. GENERAL

A. Type of Permit Requested

Place an "X" on the appropriate line below to indicate the type of permit being applied for:

1. Type of Treatment

- a. Steam Sterilization
- b. Incineration
- c. Other State DHS approved method (please specify):

B. Facility Status

Place an "X" on the appropriate line to indicate whether this application is for a new or existing facility.

- 1. New Facility
- 2. Existing Facility

If an existing facility, please indicate the purpose of this application. Place an "X" on the appropriate line below to indicate whether this is a renewal application, a facility modification, transfer of ownership, revised application, or a initial request for permit.

- a. Initial Request for Permit
- b. Modification
- c. Transfer of Ownership
- d. Permit Revision
- e. Permit Renewal

EE ATTACHMENT 1 **C. Application Information (Note: Provide the information requested below on a separate page attached to the completed application.)**

1. Estimated Weight and Volume

A summary of the weight or volume of medical waste handled or expected to be handled during the permit period. For renewals, the amount handled during the previous permit period.

2. Special Occurrences

A listing of any special occurrences such as fires, injury, property damage, accident or other unusual occurrences, or incidents involving medical waste which have occurred at the facility during the previous three years.

3. Compliance History

A description of your compliance history relative to local, state, or federal regulation regarding the handling, storage, or treatment of medical waste during the previous three years. Include information from other facilities under your control for the same period.

II. FACILITY INFORMATION

A. Facility Name The Scripps Research Institute

B. Facility Contact Person(s)

1. Name (last, first, middle initial) and Job Title:

Rosenberg, Stuart D., Director, Environmental Health and Safety

2. Telephone Number (area code and number):

(858) 784-8240

C. Facility Mailing Address

1. Street, Route Number, or P.O. Box Number

10550 North Torrey Pines Road

2. City or Town, State, and Zip Code:

La Jolla, California 92037

SEE ATTACHMENT 14 D. Facility Location (if different from above)

1. Street, Route Number or other specific site location, or address:

2. City or Town, State and Zip Code:

3. Telephone Number (area code and number):

()

E. Ownership status Private Entity

(Federal, state, local government, or other public or private entity.)

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III. OPERATOR INFORMATION

A. Name The Scripps Research Institute

B. Owner or Operator The Scripps Research Institute

Is the name listed in III. (A.) above also the owner?

1. Yes

2. No

If no, please complete the following additional information.

a. Telephone Number (area code and number):

() _____

b. Street or P.O. Box Number:

c. City or Town, State, and Zip Code:

IV. FACILITY OWNER

A. If the facility owner is also the facility operator as listed in III. above, disregard the B. portion of this section.

B. If the facility owner is not the facility operator as listed in III. above, complete the following items.

1. Name of legal owner of facility:

2. Telephone Number (area code and number):

() _____

3. Street or P.O. Box Number:

4. City, State, and Zip Code:

V. ENVIRONMENTAL CLEARANCES SEE ATTACHMENT 2

A. Pursuant to Section 65610, Chapter 21, California Code of Regulations, provide all necessary information relating to environmental clearances/permits as required.

1. A copy of the environmental impact report (EIR) or negative declaration prepared by the lead agency or evidence that a lead agency is preparing or will prepare environmental documentation, if applicable.
 2. Other information (please specify):
-

VI. MAP SEE ATTACHMENT 3

Attach to this application a map extending for one mile beyond the property boundary identifying access roads and the type of development surrounding the facility (e.g. residential, commercial, recreational, schools, etc.)

VII. PRIMARY ACTIVITIES OF THE FACILITY SEE ATTACHMENT 4

Provide a description of the nature and activities of the business which requires a permit.

VIII. FACILITY INFORMATION SEE ATTACHMENT 5

A. Provide the following facility information.

1. Average monthly quantity of medical waste to be stored and/or treated on property.
2. The rated capacity per operational cycle, the time per cycle, the number of operating hours per day, and days per week of operation.
3. Type and description of medical waste being treated. What measures are employed to prevent unauthorized waste (i.e. chemical waste, chemotherapy waste, etc.) from being treated at the facility? SEE ATTACHMENT 6

B. Total capacity of primary waste storage area in use. SEE ATTACHMENT 5

IX. FACILITY PLAN SEE ATTACHMENT 7

Provide a site map of the facility with a description of the ingress, egress, medical waste storage area(s), treatment facility location, security measures, and other areas which will be used as a part of the ongoing operation.

X. OPERATION PLAN SEE ATTACHMENT 8

Append a copy of the facility Medical Waste Operation Plan and Procedures with this application.

XI. EMERGENCY ACTION PLAN SEE ATTACHMENT 9

Append a copy of your Emergency Action Plan with this application.

XII. TRAINING PLAN SEE ATTACHMENT 10

Append a copy of your employee Training Plan for medical waste management with this application.

XIII. CLOSURE PLAN SEE ATTACHMENT 11

Append a copy of your Closure Plan and a written estimate of the cost of closing the medical waste storage and treatment areas.

XIV. MONITORING SCHEDULE SEE ATTACHMENT 12

Append a copy of the Monitoring Schedule, the schedule for installation of monitoring equipment and a copy of the Operating Procedures for maintenance and testing of the monitoring equipment.

GO TO PAGE 8.

Medical Waste Treatment Equipment Specifications: SEE ATTACHMENT THIRTEEN

Each medical waste treatment unit must be described below. The following information shall be completed and submitted along with the application. Submit a separate sheet for each medical waste treatment unit.

Must complete the following information: (please print or type information)

1. Date of equipment installation: _____
2. Manufacturer's Name: _____
3. Model Number: _____
4. Serial Number: _____
5. Describe the method of treatment for the equipment (e.g. autoclaving; chemical disinfection; thermal treatment; microwaves; etc.):

6. Give the exact location and/or room number where the treatment unit will be operated:

7. What is the rated capacity of the treatment unit? _____ pounds/hour of waste treated.
8. Give the date when the treatment equipment was last serviced by a "manufacturer-authorized" technician:
Date: _____
9. The permittee must photocopy and submit to the HMMD the manufacture's operating instructions and recommended maintenance schedule for the waste treatment equipment. Also, submit a photocopy of the manufacturer's diagrams or schematics of the equipment.

SEE ATTACHMENT SEVEN

SIGNATURE CERTIFICATION

Owner and operator certification:

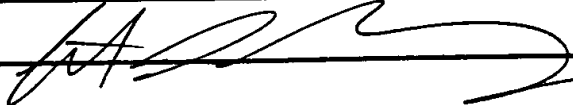
I certify under penalty of perjury that this document and all the attachments have been prepared under my direction and supervision in accordance with a system to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those directly responsible for gathering the information, the information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

FOR THE SCRIPPS RESEARCH INSTITUTE,

Owner Name (print or type): Stuart D. Rosenberg

City: La Jolla State: California

Date: 12/7/99

Signature: 

Operator certification (if different from above):

I certify under penalty of perjury that this document and all the attachments have been prepared under my direction and supervision in accordance with a system to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those directly responsible for gathering the information, the information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Operator Name and Official Title (print or type):

City: _____ State: _____

Date: _____

Signature: _____

ATTACHMENT 1

Application Information (I.C.)

I. C. Application Information

1. It is anticipated that during the five-year period beginning March 1997 ending March 2002, approximately 89 tons of medical waste will be handled (treated on-site) by The Scripps Research Institute.
2. During the last three years, there have been two (2) instances where individuals have received lacerations while handling medical waste. In both instances, proper procedure was not followed with respect to the handling of medical waste. Corrective actions were taken to ensure that correct procedures would be followed when handling medical waste.
3. During the last three years, there have been no Federal or State compliance issues relative to the handling, storage, or treatment of medical waste. The following discrepancies in the management of medical waste have been identified by the County:
 - Generator labels missing from sharps containers and red bags;
 - Sharps container not labeled "biohazardous sharps waste: or with the international biohazardous symbol;
 - Daily operations records not filled out or kept for three years;
 - Items missing from the on-site treatment application;
 - A bag of medical waste was on the floor with no secondary containment;
 - Red bag waste not containerized in rigid, leak-resistant containers;
 - Clear bags in use for the collection of medical waste;
 - Secondary containers for biohazardous waste bags were not labeled with "biohazardous" or the international biohazardous symbol.
 - Overfilled sharps containers;
 - Red biohazard bags used for activities other than biohazardous waste disposal;

I. C. Application Information

1. It is anticipated that during the five-year period beginning March 1997 ending March 2002, approximately 89 tons of medical waste will be handled (treated on-site) by The Scripps Research Institute.
2. During the last three years, there have been two (2) instances where individuals have received lacerations while handling medical waste. In both instances, proper procedure was not followed with respect to the handling of medical waste. Corrective actions were taken to ensure that correct procedures would be followed when handling medical waste.
3. During the last three years, there have been no Federal or State compliance issues relative to the handling, storage, or treatment of medical waste.

The County of San Diego, Department of Environmental Health, Hazardous Materials Division is the Enforcement Agency as defined by Section 117650 responsible for administering Part 14 of the Medical Waste Management Act.

The following discrepancies in the management of medical waste have been identified by the County:

- Generator labels missing from sharps containers and red bags;
- Sharps container not labeled "biohazardous sharps waste: or with the international biohazardous symbol;
- Daily operations records not filled out or kept for three years;
- Items missing from the on-site treatment application;
- A bag of medical waste was on the floor with no secondary containment;
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- Secondary containers for biohazardous waste bags were not labeled with "biohazardous" or the international biohazardous symbol.
- Overfilled sharps containers;
- Red biohazard bags used for activities other than biohazardous waste disposal;

ATTACHMENT 2

Environmental Clearances (V)

V. Environmental Clearance

In accordance with the Internal Memorandum dated, February 23, 1993, written by John Winn, the use of onsite autoclaves for the treatment of medical waste is in most instances ministerial. The text of Mr. Winn's memorandum is detailed below.

“As a result of consultation with the Governor's Office of Permit Assistance, we have concluded that issuance of permits for the onsite treatment of medical waste is in most instances a ministerial decision under the California Environmental Quality Act (CEQA). Permitting of onsite autoclaves for use in treating medical waste will still be done in accordance with the Permitting Regulations in Chapter 21 of Title 22 of the California Code of Regulations. A notation should be made in the facility's permit file stating that issuance of such a permit is ministerial under CEQA. We will also continue to use the permit application form we have been using for issuance of onsite medical waste treatment facility permits. As you know, as of January 1, 1993, the Medical Waste Management Act no longer requires disclosure statements from applicants for onsite medical waste treatment facility permits prior to issuance of permits.”

ATTACHMENT 3

Map (VI)

ATTACHMENT 4

Primary Activities of the Facility (VII)

VII. PRIMARY ACTIVITIES OF THE FACILITY

Activities conducted at The Scripps Research Institute include biomedical research and the operation of several vivariums. All activities result in the generation of medical waste. At present, a portion of the medical waste is treated on-site via steam sterilization (autoclaved) and the remainder is removed and appropriately disposed of by a commercial vendor (BFI). Steam sterilization is conducted in one of 8 autoclaves listed in section VIII (Attachment 5, Table 1).

ATTACHMENT 5

Facility Information (VIII A1, A2)

VIII. FACILITY INFORMATION

A.1. Average monthly quantity of medical waste stored/treated on property: 2958 pounds/month.

A. 2. See Table I below:

Table 1

AUTOCLAVE NUMBER:	A1
LOCATION:	BCC VIVARIUM (containment) BCCB212
MANUFACTURER NAME:	ARS
MODEL NUMBER:	812132
SERIAL NUMBER:	0495 (0497121691)
DATE OF INSTALLATION:	10/96
CAPACITY (ft ³)	30
RATED CAPACITY (lbs/hr)	168 pounds/hour
APPROX. TIME PER COMPLETE CYCLE:	1.25 hrs/2.0 hrs animal carcasses
STERILIZATION TIME (@250°F):	45 minutes/90 minutes (animal carcasses)
OPERATING HOURS PER DAY:	4.5
DAYS OF OPERATION:	5
POUNDS OF WASTE TREATED ANNUALLY	11,000
DATE LAST SERVICED	9/00

AUTOCLAVE NUMBER:	A2
LOCATION:	IMMUNOLOGY VIVARIUM (containment) R119
MANUFACTURER NAME:	ARS
MODEL NUMBER:	812132
SERIAL NUMBER:	0496121691 (50944 STS)
DATE OF INSTALLATION:	1993
CAPACITY (ft ³)	30
RATED CAPACITY (lbs/hr)	168 pounds/hour
APPROX. TIME PER COMPLETE CYCLE:	1.25 hrs/2.0 hrs animal carcasses
STERILIZATION TIME (@250°F):	45 minutes/90 minutes (animal carcasses)
OPERATING HOURS PER DAY:	6
DAYS OF OPERATION:	5
POUNDS OF WASTE TREATED ANNUALLY	17,000
DATE LAST SERVICED	9/00

ATTACHMENT 5

VIII. FACILITY INFORMATION (continued)

AUTOCLAVE NUMBER:	A3
LOCATION:	IMMUNOLOGY VIVARIUM HALLWAY
MANUFACTURER NAME:	AMSCO MEDALLION
MODEL NUMBER:	M65CDS
SERIAL NUMBER:	0131878012
DATE OF INSTALLATION:	1980
CAPACITY (ft ³)	24
RATED CAPACITY (lbs/hr)	134 pounds/hour
APPROX. TIME PER COMPLETE CYCLE:	1.25 hrs/2.0 hrs animal carcasses
STERILIZATION TIME (@250°F):	45 minutes/90 minutes (animal carcasses)
OPERATING HOURS PER DAY:	0 (BACK-UP USE ONLY)
DAYS OF OPERATION:	0 (BACK-UP USE ONLY)
POUNDS OF WASTE TREATED ANNUALLY	0 (BACK-UP USE ONLY)
DATE LAST SERVICED	9/00

AUTOCLAVE NUMBER:	A4
LOCATION:	MB VIVARIUM (containment)
MANUFACTURER NAME:	AMSCO 2041
MODEL NUMBER:	R78S-4
SERIAL NUMBER:	0123186-010
DATE OF INSTALLATION:	1986
CAPACITY (ft ³)	24
RATED CAPACITY (lbs/hr)	134 pounds/hour
APPROX. TIME PER COMPLETE CYCLE:	1.25 hrs/2.0 hrs animal carcasses
STERILIZATION TIME (@250°F):	45 minutes/90 minutes (animal carcasses)
OPERATING HOURS PER DAY:	4.5
DAYS OF OPERATION:	3
POUNDS OF WASTE TREATED ANNUALLY	4,000
DATE LAST SERVICED	9/00

AUTOCLAVE NUMBER:	A5
LOCATION:	MB VIVARIUM WASHROOM
MANUFACTURER NAME:	AMSCO 2041
MODEL NUMBER:	R78GA-4
SERIAL NUMBER:	010168902
DATE OF INSTALLATION:	2000
CAPACITY (ft ³)	24
RATED CAPACITY (lbs/hr)	134 pounds/hour
APPROX. TIME PER COMPLETE CYCLE:	1.25 hrs/2.0 hrs animal carcasses
STERILIZATION TIME (@250°F):	45 minutes/90 minutes (animal carcasses)
OPERATING HOURS PER DAY:	0 (BACK-UP USE ONLY)
DAYS OF OPERATION:	0 (BACK-UP USE ONLY)
POUNDS OF WASTE TREATED ANNUALLY	0 (BACK-UP USE ONLY)
DATE LAST SERVICED	9/00

ATTACHMENT 5

VIII. FACILITY INFORMATION (continued)

AUTOCLAVE NUMBER:	A6
LOCATION:	MEM VIVARIUM L35A
MANUFACTURER NAME:	AMSCO
MODEL NUMBER:	3000 Series
SERIAL NUMBER:	0103399-07
DATE OF INSTALLATION:	1999
CAPACITY (ft ³)	24
RATED CAPACITY (lbs/hr)	134 pounds/hour
APPROX. TIME PER COMPLETE CYCLE:	1.25 hrs/2.0 hrs animal carcasses
STERILIZATION TIME (@250°F):	45 minutes/90 minutes (animal carcasses)
OPERATING HOURS PER DAY:	4
DAYS OF OPERATION:	4
POUNDS OF WASTE TREATED ANNUALLY	2,000
DATE LAST SERVICED	9/00

AUTOCLAVE NUMBER:	A7
LOCATION:	CVN VIVARIUM (containment) CVN133
MANUFACTURER NAME:	AMSCO
MODEL NUMBER:	3043-1
SERIAL NUMBER:	011499114
DATE OF INSTALLATION:	1993
CAPACITY (ft ³)	24
RATED CAPACITY (lbs/hr)	134 pounds/hour
APPROX. TIME PER COMPLETE CYCLE:	1.25 hrs/2.0 hrs animal carcasses
STERILIZATION TIME (@250°F):	45 minutes/90 minutes (animal carcasses)
OPERATING HOURS PER DAY:	4.5
DAYS OF OPERATION:	2
POUNDS OF WASTE TREATED ANNUALLY	1,500
DATE LAST SERVICED	9/00

AUTOCLAVE NUMBER:	A8
LOCATION:	CVN VIVARIUM WASHROOM
MANUFACTURER NAME:	AMSCO
MODEL NUMBER:	3043-1
SERIAL NUMBER:	011519109
DATE OF INSTALLATION:	1993
CAPACITY (ft ³)	24
RATED CAPACITY (lbs/hr)	134 pounds/hour
APPROX. TIME PER COMPLETE CYCLE:	1.25 hrs/2.0 hrs animal carcasses
STERILIZATION TIME (@250°F):	45 minutes/90 minutes (animal carcasses)
OPERATING HOURS PER DAY:	0 (BACK-UP USE ONLY)
DAYS OF OPERATION:	0 (BACK-UP USE ONLY)
POUNDS OF WASTE TREATED ANNUALLY	0 (BACK-UP USE ONLY)
DATE LAST SERVICED	9/00

ATTACHMENT 5

VIII. FACILITY INFORMATION (continued)

B. Total capacity of waste storage area in use: 1146 square feet (4916 pound capacity).
Individual waste storage locations are listed below:

STORAGE FACILITY NUMBER:	S1
LOCATION:	Beckman Building
APPROXIMATE SIZE:	45 square feet
APPROXIMATE CAPACITY:	10 barrels /55 pounds/barrel (550 pounds total)

STORAGE FACILITY NUMBER:	S2
LOCATION:	Beckman Building Vivarium
APPROXIMATE SIZE:	200 square feet
APPROXIMATE CAPACITY:	500 pounds

STORAGE FACILITY NUMBER:	S3
LOCATION:	Immunology Building Vivarium
APPROXIMATE SIZE:	100 square feet
APPROXIMATE CAPACITY:	250 pounds

STORAGE FACILITY NUMBER:	S4
LOCATION:	Molecular Biology/Immunology Building
APPROXIMATE SIZE:	140 square feet
APPROXIMATE CAPACITY:	22 barrels /78 pounds/barrel (1716 pounds total)

STORAGE FACILITY NUMBER:	S5
LOCATION:	Molecular Biology Building Vivarium
APPROXIMATE SIZE:	200 square feet
APPROXIMATE CAPACITY:	500 pounds

STORAGE FACILITY NUMBER:	S6
LOCATION:	MEM Building
APPROXIMATE SIZE:	100 square feet
APPROXIMATE CAPACITY:	5 barrels /63 pounds/barrel (315 pounds total)

STORAGE FACILITY NUMBER:	S7
LOCATION:	MEM Building Vivarium
APPROXIMATE SIZE:	250 square feet
APPROXIMATE CAPACITY:	650 pounds

STORAGE FACILITY NUMBER:	S8
LOCATION:	CVN Building
APPROXIMATE SIZE:	36 square feet
APPROXIMATE CAPACITY:	5 barrels /67 pounds/barrel (335 pounds total)

STORAGE FACILITY NUMBER:	S9
LOCATION:	CVN Building Vivarium
APPROXIMATE SIZE:	75 square feet
APPROXIMATE CAPACITY:	100 pounds

ATTACHMENT 6

Facility Information (VIII A3)

VIII.A.3 FACILITY INFORMATION

Medical waste generated at The Scripps Research Institute includes but is not limited to:

Specimen Cultures	Cultures and Stocks of Infectious agents
Culture Dishes, etc.	Live and Attenuated Vaccines
Fluid Blood	Regulated Body Fluids
Sharps	Animal/Human Surgical Specimens
Microbiological Laboratory Specimens	Animal Carcasses, Bedding, etc.

- Individuals involved in the generation of medical waste are trained in the identification and management of this waste stream. Written policies and procedures which outline the identification, storage, management, and treatment of medical waste are in place and reviewed on a periodic basis.
- In order to prevent the treatment of unauthorized waste, employees receive training in the identification and management of hazardous and radioactive material. Written policies and procedures are in place which govern these waste streams.
- Institution policies governing biohazardous, hazardous, and radioactive material can be found in the Safety Management Plan. Individual departments develop specific policies concerning handling and management of biohazardous, hazardous, and radioactive material. These policies must meet the minimum standards as set forth in the Institute's Safety Management Plan.
- All facilities belonging to The Scripps Research Institute undergo quarterly internal inspections conducted by the Department of Environmental Health and Safety. Activities related to the handling of biohazardous, hazardous, and radioactive material are reviewed.

ATTACHMENT 7

Facility Plan (IX)

IX. FACILITY PLAN

Included in this attachment are the following:

- A facility map which shows general locations of treatment areas (autoclaves) and storage areas.
- Detailed floor plans that show treatment area locations, ingress/egress from treatment areas, and storage area locations.
- Facility operating procedures, manufacturer operating procedures, maintenance schedules, and schematics for the facility autoclaves.

Autoclaves and storage areas are identified by number in Attachment 5, Table 1 and can be located on the maps provided with this attachment.

All medical waste generated by the Institute is not treated on-site. Storage areas outside of the vivarium facilities are used for storage of medical waste that will be transferred to an authorized medical waste broker. These areas are not used to store waste that is awaiting on-site treatment. However, in an emergency (inability to treat waste on-site), these areas can be used to store waste until on-site treatment is resumed or the waste can be transferred to an authorized medical waste broker.

Emergency

Waste within the vivarium facilities is treated on a daily basis. Storage areas within the vivariums are used to store waste only until the next treatment cycle.

Security

All autoclaves are located within facility work spaces. Access to the buildings (work spaces) is controlled by The Scripps Research Institute's Security Department.

Storage areas are located both within the facility buildings and outside of the buildings. Storage locations are locked at all times.

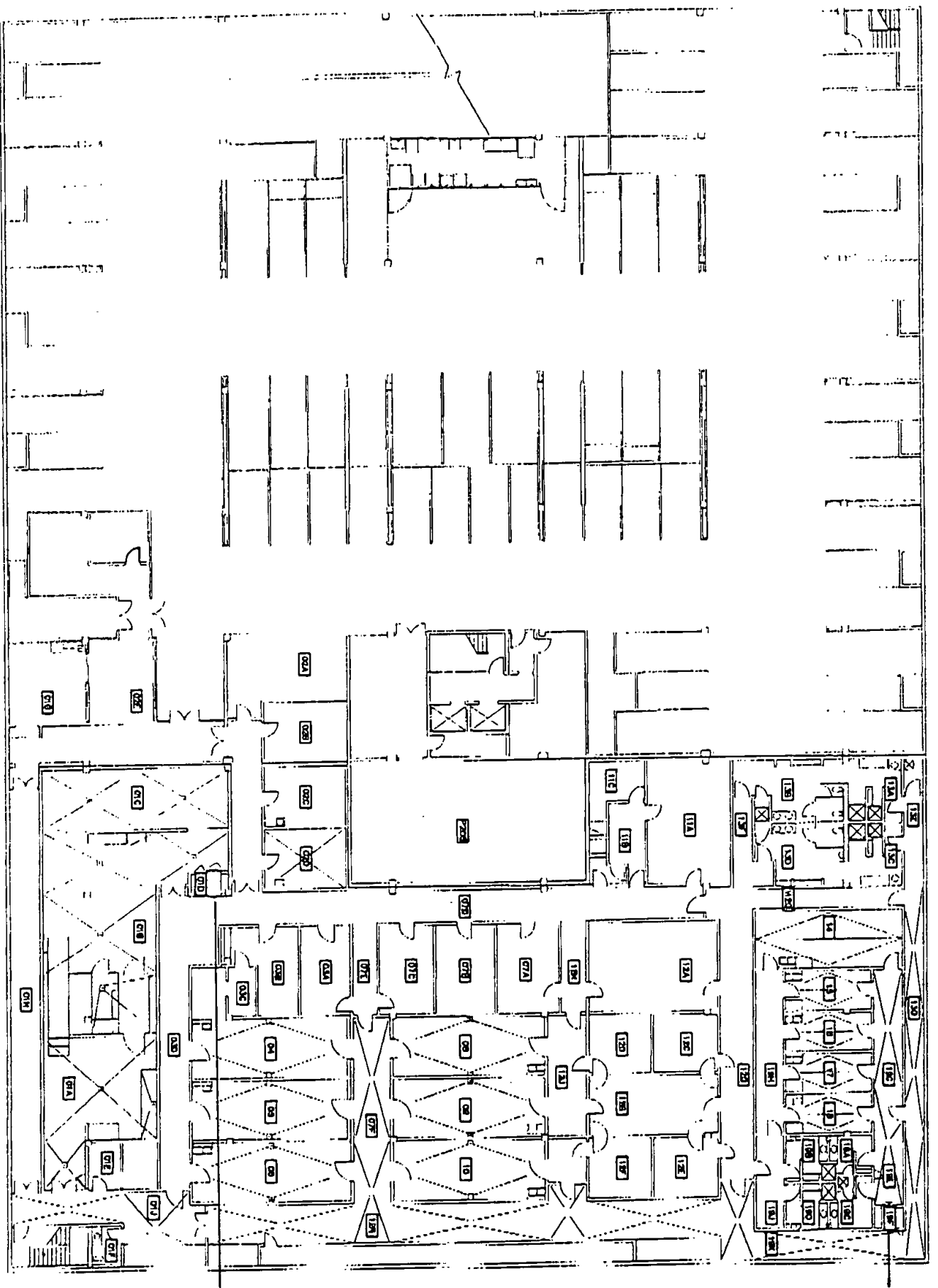
Autoclave Location Maps

**Autoclave
A1**

**Autoclaves
A2 and A3**

**Autoclaves
A4 and A5**

MBB - BASEMENT B2/P1
NOT TO SCALE
MOLECULAR BIOLOGY



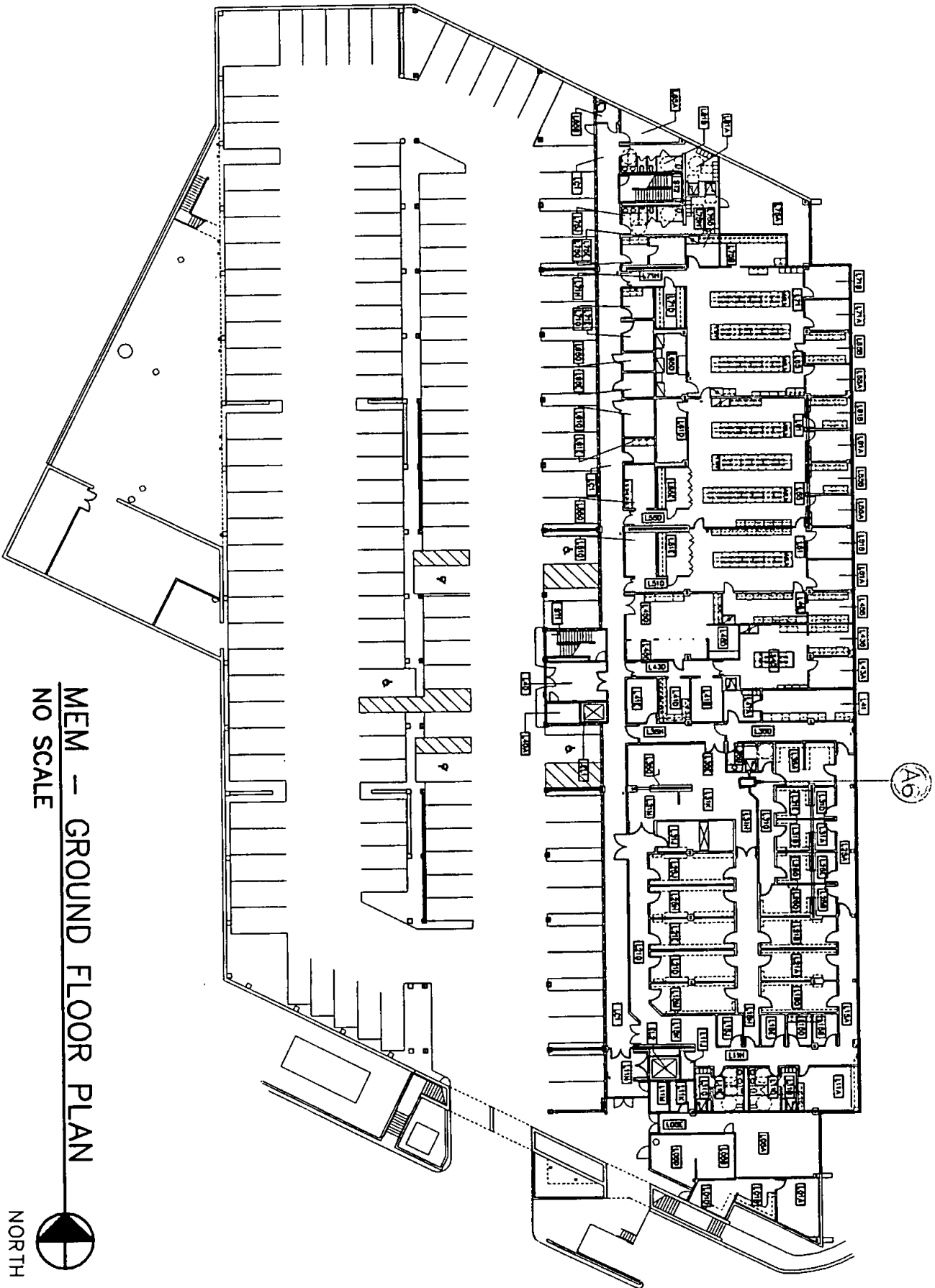
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A5

A4

**Autoclave
A6**



MEM - GROUND FLOOR PLAN
NO SCALE



**Autoclaves
A7 and A8**

Facility Operating Procedures

Autoclaves

A1-A8

STANDARD OPERATING PROCEDURES

THE SCRIPPS RESEARCH INSTITUTE
DIVISION OF ANIMAL RESOURCES

TITLE: AUTOCLAVE QUALITY ASSURANCE

CODE#: TECH13

EFFECTIVE DATE: MAY 1, 1994

APPROVAL:


ELIZABETH W. FORD, DVM, MPVM
Director

PURPOSE: TO ASSURE RESPONSIBLE TREATMENT OF POTENTIALLY INFECTIOUS MATERIAL.

DESCRIPTION:

- 1.0 Persons Responsible
 - Manager
 - Animal Health Technician
 - Senior Animal Technician
 - Containment Technician
 - Non-Human Primate Technician
- 2.0 Frequency
 - daily, monthly, quarterly
- 3.0 Documentation
 - autoclave charts
 - autoclave tape
 - autoclave test vial notification sheets
 - Omega measurement print-outs
 - autoclave log
- 4.0 Materials Required
 - biohazard bags
 - autoclave bags
 - autoclave charts
 - autoclave tape
 - autoclave test vials
 - Omega measuring device
- 5.0 Procedure-Daily, Non-Infectious
 - 5.1 Each day there is material to be autoclaved a new chart (if applicable or verification that the recording roll is functional) is placed on the machine. The old chart (or roll

if full) is given to the Senior Animal Technician who keeps these on file for a three year period.

5.2 A piece of autoclave tape is affixed to every bag of feed or bedding to be autoclaved.

5.3 Autoclave settings are as follows:

Temperature; 250 degrees

Feed; 30 minute sterilize (20 minute ARS slider), 20 dry

Bedding; 30 minute sterilize, 30 minute dry

Bottles; 30 minute sterilize, 0 dry

Cages; 20 minute sterilize, 30 minute dry

5.4 While in operation, sterilizer is checked for proper operation. This should include verifying proper temperature is reached in a normal time frame by checking the recording chart/roll, time settings are correct, proper cycle has been selected, and exhaust cycle is functioning adequately.

5.5 If operator suspects any problem with sterilizer, the Senior Animal Technician or Manager is notified immediately.

6.0 Procedure-Daily, Infectious Waste and Contaminated Equipment

6.1 Each autoclave used for decontamination of potentially infectious waste must have an autoclave log (see attachment) sheet attached to the sterilizer or sterilizer cart. This sheet is filled out for each load run through the sterilizer.

6.2 Each day there is waste or contaminated equipment to be autoclaved a new chart is placed on the sterilizer (or the roll is verified to be functioning properly). Used charts are filed for a minimum of three years in each respective areas office.

6.3 All waste should be placed in a red biohazard bag and then placed in a clean autoclave bags to ensure no leakage occurs during autoclaving. These bags should not be closed tightly. Bags must be only loosely closed, or allowed to remain open so that adequate steam penetration can occur.

6.4 Cages containing contaminated bedding should not be stacked on top of each other but criss-crossed to allow for ample steam penetration. Contaminated bedding in cages should not be dumped from the cage until after autoclaving.

6.5 A strip of autoclave tape should be affixed to a random piece of material in every load to be autoclaved.

6.6 Each load should be verified by the Animal Technician to have completely gone through a proper cycle prior to it being unloaded.

6.7 Autoclave settings are as follows:

Temperature; 250 degrees minimum

Waste (animal, paper); 45 minute sterilize, 10 minute dry

Soiled equipment; 45 minute sterilize, 10 minute dry

Laundry; 45 minute sterilize, 10 minute dry

Animal carcasses; 90 minute sterilize, 10 minute dry

6.8 If operator suspects a problem the Manager should be notified immediately, the autoclave turned off, and the Senior Animal Technician of the affected area instructed not to empty this sterilizer until further notice.

7.0 Procedure-Monthly

7.1 Monthly, the Manager will distribute autoclave test vials to each area having sterilizers. There will be one test vial distributed for each sterilizer.

7.2 As soon as possible after receiving the autoclave test vials, the Senior Animal Technician will place the vial in a challenging spot within the sterilizer load. The sterilizer ~~will be operated at~~ the normal time and temperature. It is noted on the autoclave chart that this load contained the test vial.

7.3 Once test vials are run, they are refrigerated and returned to the Manager as soon as possible, who forwards them to Environmental Health and Safety. Safety incubates these vials and results are mailed to the Manager who keeps these written results on file for at least 3 years.

7.4 If there are any positive results from the test vial incubation the Manager will notify the Senior Animal Technician in the affected area and the autoclave put out of operation until service is performed on the unit.

8.0 Procedure-Quarterly

8.1 Once every quarter each sterilizer is monitored for temperature versus time using the Omega temperature monitoring device. This is performed by the Animal Health Technician assigned to laboratory duties.

8.2 The wire lead is placed in a challenging position of the load to be autoclaved and the sterilizer started. The product temperature and elapsed time since start is noted on paper. Other items to be noted is the sterilizer, the contents of the load, and the placement of the wire lead.

8.3 Results are forwarded to the Manager for interpretation and filing.

9.0 Procedure-Annually

9.1 ~~Each year the~~ Manager will arrange with the appropriate autoclave service personnel to have each sterilizer calibrated for temperature settings.

~~9.2~~ The Manager will keep on file for three years the temperature calibration documentation.

STANDARD OPERATING PROCEDURES

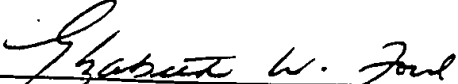
RESEARCH INSTITUTE OF SCRIPPS CLINIC
DIVISION OF ANIMAL RESOURCES

TITLE: BIOCONTAINMENT FACILITY WASTE DISPOSAL

CODE#:CONS

EFFECTIVE DATE: JANUARY 1, 1991

APPROVAL:


ELIZABETH W. FORD, DVM, MPVM

PURPOSE: PROPERLY REMOVE WASTE FROM THE ANIMAL FACILITY IN A WAY THAT PROTECTS PERSONNEL, ENVIRONMENT, AND OTHER ANIMALS.

DESCRIPTION:

- 1.0 Persons Responsible
 - Containment Coordinator
 - Animal Technicians

- 2.0 Frequency
 - Daily as necessary

- 3.0 Documentation
 - Animal Carcass disposal company monthly reports
 - Autoclave charts (dated)
 - Autoclave test vials

- 4.0 Materials Required
 - Wet waste bags
 - Zip lock bags
 - Freezer
 - Trash liners
 - Autoclave bags
 - Wide mouth hard plastic sharp containers
 - Radioactive waste containers supplied by Safety

- 5.0 Procedures-Trash and soiled bedding
 - 5.1 Soiled cages are placed in the soiled corridor. Animal care personnel will not scrape or handle the bedding prior to being autoclaved. It is imperative that all soiled caging be autoclaved as soon as possible to minimize the contamination in the soiled corridor.

 - 5.2 If cage racks are used the waste is carefully placed in wet waste bags being careful not to create aerosols.

Wet waste bags should not be filled more than can be easily handled. The bags should be closed by folding down the top edges.

5.3 All waste and soiled cages are loaded into the autoclave allowing for adequate steam penetration and air circulation. The rodent cages are stacked in herring bone patterns.

5.4 Any spillage in the soiled corridor must be immediately cleaned up.

5.5 Proper lifting techniques should be utilized at all times.

5.6 All trash in the soiled corridor is placed in the autoclave bags and autoclaved.

6.0 Procedure-Carcass disposal

6.1 All deceased animals should be bagged in zip lock bags and placed in the refrigerators in the soiled corridor.

6.2 Carcasses will be autoclaved when the refrigerator is full or on a weekly basis. ✓

6.3 After autoclaving the carcasses are handled as noninfectious waste. Once every two weeks a commercial disposal company picks up the carcasses. The company calls one half hour ahead of time at which point the frozen carcasses are placed in the red sanitized barrel provided by the company. The barrels are moved to the pickup point (outside immunology) and someone from the experimental rodent colony is designated to wait for pickup and receive the invoice.

6.4 The company leaves freshly sanitized barrels to replace the ones taken. These barrels are distributed to each of the facilities.

6.5 The invoice is returned to the central office.

6.6 Monthly reports as to the weight, pick up and disposition of the carcass are sent to the central office.

7.0 Procedure-Radioactive animal carcasses

7.1 Radioactive animals are not stored in the facilities. An animal carcass that contains radioisotopes will be autoclaved prior to handling by the Safety department. The Containment Coordinator will notify the Senior Animal Technician that the animal carcass is being autoclaved and should be picked up by Safety.

7.2 Safety will survey the autoclave to assure that it has

not been contaminated with radioactive materials.

7.3 It is the Principal Investigators responsibility to assure that the carcass is appropriately labeled with the investigators name, phone extension, amount and type of radioisotope, and date.

7.4 If there are any problems please address them with the Manager, Containment Coordinator or the Radiation Safety Officer.

7.5 Radioactive bedding is handled in the same manner as the animal carcasses.

7.6 Radioactive equipment after autoclaving is taken directly to the soiled wash room where it is dipped in a solution of detergent (TIDE), rinsed with copious amounts of water and sent through the tunnel washer.

7.7 If there is concern at any time that there may have been a contamination, the Manager or Radiation Safety Officer should be notified.

8.0 Procedures-Autoclave Times

8.1 All materials are autoclaved at 250 degrees for 45 minutes. The cages are positioned in herring bone (criss cross) fashion. Autoclave bags are not completely closed to allow for adequate sterilization without rupturing. Autoclave bags are used to contain the plastic bags the carcasses and trash are in.

8.2 Autoclave charts are a record of adequate sterilization. Each needs to be changed when filled and dated on the back of the chart. These should be kept with the containment records.

8.3 Test vials are supplied by Safety on a monthly basis. Test vials are inserted in a challenging position within the load to be autoclaved. Personnel working on the soiled side of the washroom are alerted so that they can retrieve vials. The vials are returned to the Senior Animal Technician who returns them to the Manager. The results are kept on file with the Manager.

8.4 After autoclaving the trash and carcasses are disposed of as noninfectious waste. The cages are handled as noninfectious soiled equipment.

cc: Autoclave Test Vial Reports

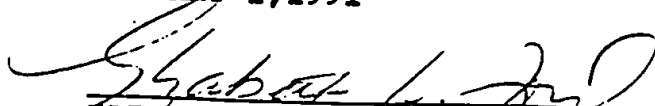
STANDARD OPERATING PROCEDURES
THE SCRIPPS RESEARCH INSTITUTE
DIVISION OF ANIMAL RESOURCES

TITLE: DEPARTMENTAL WASTE DISPOSAL

CODE#: ADM9

EFFECTIVE DATE: JANUARY 1, 1991

APPROVAL:


ELIZABETH W. FORD, DVM, MPVM
Director

PURPOSE: TO ASSURE RESPONSIBLE DISPOSAL OF WASTE MATERIALS IN COMPLIANCE WITH ALL REGULATIONS

DESCRIPTION:

- 1.0 Persons Responsible
 - Manager
 - Senior Animal Technician
 - Director
- 2.0 Frequency
 - Daily, Weekly, biweekly, as needed
- 3.0 Documentation
 - BFI monthly print outs
- 4.0 Materials Required
 - Radioactive Tape
 - BFI waste boxes
 - Unprinted Autoclave Bags
 - Wet Waste Bags
 - Autoclave Tape
- 5.0 Procedure-Radioactive Waste
 - 5.1 Radioactive carcasses are brought to the attention of the Senior Animal Technician or Manager who notifies Safety for pickup. The animal facilities do not have the capability of storing radioactive waste.
 - 5.2 After pick up and clearance by Safety the Manager is notified by the Senior Animal Technician.
 - 5.3 If the radioactive materials are in the way, they may carefully be moved but the original site should be covered

with durable plastic backed paper to prevent tracking radioactivity throughout the facilities.

5.4 In the event that the material is not properly labeled with the Principal Investigator, date, isotope, amount it should not be handled but should be left for Safety. Information, regarding possible ownership that can be followed up by Safety, is desirable.

6.0 Procedure-Carcass Disposal

6.1 Every other Wednesday, the Central Office is notified by BFI of pick up time 30 minutes prior to arrival.

6.2 The Central Office notifies the Senior Animal Technicians in each area of the pick up time. The BFI boxes are plastic lined and loaded ensuring the total weight of each box is less than 50 lbs. The filled box is closed and securely taped.

6.3 After pickup outside the Experimental Rodent Colony, the Senior Animal Technician signs the pick up slip and forwards it to the Central Office.

6.4 The company barcodes the waste and handles it as medical waste.

6.5 Monthly reports regarding the disposition of the waste are sent to the Manager and kept on file.

7.0 Procedure-Waste Management, Non-Infectious

7.1 All nonhazardous refuse (feed, bedding, paper products from the animal rooms and the office areas) is placed in large air-tight dumpsters located in front of the Vivarium, the Experimental Rodent Colony, Blake Building, and Nonhuman Primate Facility. The Non-Human Primate dumpster is kept locked at all times.

7.2 The waste is picked up twice a week by San Diego Waste Management on Tuesday and Friday and taken to the Mira Mar landfill.

8.0 Procedure-Infectious Waste, Bio-containment

8.1 All waste generated in the bio-containment areas is considered infectious. Before leaving this area all waste is decontaminated. This is performed by placing the waste in autoclave bags and autoclaving for a minimum of 45 minutes at 250 degrees. Soiled equipment and bedding is also autoclaved in this fashion prior to leaving the containment facility. Once decontaminated this waste is handled as in Procedure 7.0.

8.2 All animal carcasses in the containment areas are considered infectious and will be autoclaved as in Procedure 8.1 with the exception that carcasses are autoclaved for a

minimum of 90 minutes. Once decontaminated the carcasses are handled as in Procedure 6.0.

9.0 Procedure-Infectious Waste, Primate Quarantine

9.1-Until animals in quarantine are released by the California Dept. of Health Veterinary Public Health Unit, all waste generated is considered infectious. Prior to leaving the quarantine area the waste is placed in plastic trash liners, placed in autoclave bags, and autoclaved at 250 degrees for a minimum of 30 minutes.

9.2-Once waste has been decontaminated, it is removed from the autoclave and immediately taken to and deposited in the locking dumpster directly outside the facility.

9.3-Autoclaved sharps containers are placed in the locked BFI bin to await pickup by that company.

9.4-Any animal that dies while in quarantine will be treated according to SOP SV1, Procedures 6.8 and 12.0.

**Manufacturer Operating Procedures,
Maintenance Schedules, and Schematics**

Putrescible biohazardous waste must be treated within seven days of the first item being placed in the bag.

Nonputrescible biohazardous waste must be treated within six months of the first item being placed in the bag.

Waste that is not biohazardous must not be placed into biohazardous waste bags.

2. Biohazardous Waste Bags

Biohazard bags are disposable, plastic bags which are impervious to moisture and have sufficient strength to preclude ripping, tearing, or bursting under normal conditions. The following requirements apply:

- The bags shall be red in color, i.e., orange bags are not permitted. The outer bag may be colorless as long as the inner bag is red and both bags meet the stated strength criteria.
- Conspicuously labeled with the international biohazard symbol and the word "Biohazard."
- Generator's name, address, and phone number displayed on the biohazard bag.

3. Sharps.

All sharps (with the exception of radioactive sharps) must be collected in biohazardous sharps containers. Sharps containers are required to be red, leakproof, rigid, puncture-resistant containers with a tight or tamper-resistant lid and labeled with the following: generator name, address, and phone number. Each container must be identified with the universal biohazard symbol along with the words "Biohazard."

Sharps containers shall be managed as biohazardous waste. Contact Environmental Services for removal and replacement of sharps containers.

Sharps contaminated with radioactive materials/extremely hazardous waste shall not be placed in biohazardous sharps containers. Contact Environmental Health and Safety for the appropriate sharps containers.

4. Liquids

Liquid wastes shall be kept separate from solid wastes.

Liquid waste shall not be stored for extended periods prior to treatment.

Use appropriate techniques (steam or chemical sterilization) to treat waste fluids known or suspected to be pathogenic. It should be noted that some chemical sterilants (i.e. gluteraldehyde, formaldehyde) meet the definition of hazardous waste. These items must be collected and not disposed of in the sink drains. Contact Environmental Health and Safety for pick-up.

5. Filling and Securing Biohazardous Waste Containers.

When placing items into the biohazardous waste bags or containers, do not fill to capacity. This will prevent bursting as the temperature within the autoclave increases causing expansion of air and liquid within the bags and containers. Overfilling of sharps containers may result in laceration and puncture injuries to personnel.

When full, loosely seal the biohazardous waste bag with tape or place the supplied cap onto the waste container. Loosely sealing the bag or container will allow steam to reach the center of the receptacle and ensure adequate sterilization.

Attach heat sensitive autoclave indicating tape to the bags or containers.

Biohazard bags must be tied and have autoclave indicating tape attached before being transported.

The bags should be tied to prevent leakage or expulsion of solid or liquid wastes during storage, handling, or transport.

III. Handling of Biohazardous Waste

1. General

Employees who generate, handle, and process infectious biological waste have the potential for direct exposure to infectious biological agents. Exposure can occur through direct inoculation when an employee is cut by a piece of contaminated glass. Protection against accidentally acquired illness associated with handling infectious and potentially infectious materials is achieved through appropriate waste handling methods and training.

2. Responsibility for the Safe Handling of Infectious Materials.

The primary responsibility for the safe handling and disposal of infectious biological waste resides with the generator of that waste. This responsibility extends to the ultimate point of disposal even when there are other parties involved in the handling of waste.

3. Personal Protection

The handling of biological waste requires the use of protective clothing and equipment.

IV. Risks of Biohazardous Exposure

All employees who handle biohazardous waste will:

- Understand the content of the CAL/OSHA Bloodborne Pathogen Standard;
- Receive an explanation of the epidemiology and symptoms of bloodborne pathogens;
- Receive an explanation of the modes of transmission of bloodborne pathogens;
- Understand the contents of the Bloodborne Pathogen Exposure Control Plan;
- Understand how to recognize tasks and activities that may involve exposure to blood and other potentially infectious materials;
- Understand the use and limitations of practices that will prevent or reduce exposure including appropriate engineering controls, work practices, and personal protective equipment;
- Understand waste disposal practices;
- Understand appropriate actions to take and persons to contact in an emergency;
- Understand the procedure to follow if an exposure incident occurs, including the method of reporting the incident and the medical follow-up and counseling that will be made available;
- Receive an explanation of signs and labels and/or color coding required by the standard.

V. Autoclaving of Biohazardous Waste

1. Basic Principle of Operation.

To achieve adequate sterilization, a minimum temperature of 250°F must be achieved and held for a minimum of 30 minutes. Because of its excellent heat transfer characteristics, steam is used in the autoclave process instead of air. The “wet heat” associated with steam greatly reduces the sterilization time. For example, autoclaving at 250°F for 12 minutes in a steam autoclave would require overnight operation of a “hot air” sterilization process to achieve the same results.

At the start of the autoclave cycle, steam is admitted to the top of the autoclave and air in the autoclave is forced out vents in the bottom (gravity displacement). This process continues through out the cycle to ensure that a “blanket” of steam surrounds the load.

Air pockets within the autoclave chamber and tightly sealed bags and containers result in inefficient sterilization.

2. General Autoclave Procedure.

See autoclave specific information for the autoclave in use.

If not already affixed, heat sensitive autoclave indicating tape must be attached to the bags or containers.

Fill out all entries on autoclave log with the exception of the run time, temperature, and pressure information.

Position items within the autoclave to allow steam to reach all surfaces of the bags or containers.

Defects in glassware may cause glass containers to break during the autoclave process. These items should be placed into secondary containers within the autoclave to prevent spills. If possible, bags and sharps containers should also be placed in secondary containment to catch any liquids that may leak from them. Caution should be used when selecting secondary containers as some plastics will not withstand autoclave temperatures.

Start the autoclave cycle. The minimum autoclave cycle time and temperature is 250°F for 30 minutes. In general, this is sufficient time/temperature to sterilize most loads.

Large loads or certain autoclaves may require longer sterilization times to ensure adequate sterilization. See the posted instructions for the specific autoclave.

When the autoclave cycle is complete, verify from the autoclave cycle printout that adequate temperature has been attained for the required time. Complete run time, temperature, and pressure entry on the autoclave log sheet.

VI. Autoclave Safety Tips

PPE: Approved safety glasses, gloves (latex, nitrile), a lab coat, and closed-toed shoes are required to be worn when placing items into or removing items from the autoclave. Additional equipment to assist the operator may be used at the operator's discretion to assist in the loading and unloading of items from the autoclave.

Liquids:

Use LIQUIDS cycle only (no dry time). No other cycle is safe for processing liquids.

Use only vented closures to allow for the escape of expanding gases.

Use only containers that can withstand the autoclave process.

Avoid sudden full opening of door at end of cycle. Open autoclave door no more than one inch and wait 10 minutes before unloading autoclave.

Do not allow bottles to be jolted. This can result in hot-bottle explosions. Do not move bottles if boiling or bubbling is present.

Allow bottles to cool to the touch before removing them from the autoclave.

Insulated gloves must be worn when removing glass/liquid containers from the autoclave. Containers should be placed in a secondary container and transported on a cart if possible. This will help to prevent spills.

Steam burns: Allow time for the steam to be evacuated and for the load to cool before opening the autoclave door.

Ergonomics: Do not fill bags to the point that they become difficult to lift (too heavy). When lifting bags and containers, face the load and lift with your legs. Ask for assistance if the load is too heavy.

VII. Control Measures

Autoclave Tape:

Autoclave tape must be placed on each bag or container to be autoclaved. The tape functions as a visual indicator that the item has passed through a steam sterilization process, but does not indicate that the item has been correctly autoclaved.

Autoclave Cycle Printout:

Following the autoclave process, the autoclave cycle printout must be checked to verify that the autoclave has reached and maintained the proper temperature for the appropriate time. This information must be entered into the Autoclave Log located near the unit.

Autoclave cycle printout tape must be kept for a period of at least three years.

Monthly Spore Test (Appendix A):

Place biological indicator in the most challenging area of the autoclave load.

Following sterilization, send the indicator to EH&S as soon as possible.

Notification will be made for any positive results. Autoclave must be removed from service until a negative test result is attained.

Two separate spore tests must be conducted to verify a negative test result prior to sterilization of waste following any change or modification to either the autoclave unit or operating cycle that may effect the units ability to adequately sterilize waste.

Autoclave Log (Appendix B):

Autoclave use date, run time/temperature/pressure, load description, load pattern, water content, annual maintenance check, operator initials, and laboratory number must be entered onto the log for each use.

Autoclave logs must be kept for a period of at least three years.

Maintenance:

Maintenance records are kept by the Engineering Department for a minimum of three years. These records must include;

- Bimonthly maintenance
- Annual thermometer calibration
- Any other maintenance items associated with the autoclave.

All autoclave malfunctions must be reported to your supervisor and Engineering Services immediately.

APPENDIX A

AUTOCLAVE SPORE TEST PROCEDURE

1. Insert the test vial into the autoclave and run with a standard load, time, and cycle. The vial should be placed in the most challenging area of the autoclave ,i.e., the bottom shelf near the door.
2. All loads of "red bag" (biohazardous) waste must be sterilized for a minimum of thirty (30) minutes at 250° Fahrenheit (gravity) or 270° Fahrenheit (prevacuum) steam cycles.
3. After the sterilization cycle is complete, remove the test vial from the autoclave and complete the information at the bottom of this sheet.
4. In order to obtain accurate results, it is necessary that the spore test vial be incubated within 7 days of the test. Therefore, the spore test vial along with this sheet must be promptly returned to the Department of Environmental Health and Safety. This can be accomplished as follows:
Contacting the EH&S Office (4-8240) to arrange for pickup.
Returning the items by interdepartmental mail to the EH&S Office (Mail Code: BCC078) or
Delivering the items to the EH&S Office (BCC B278).
5. If at any time during the incubation period a positive (bacteria present) readout is observed, Environmental Health and Safety will immediately notify the contact person. Arrangements will be made to retest the autoclave. The autoclave must not be used for the sterilization of biohazardous/medical waste until a negative test result is obtained.
6. Two separate spore tests must be conducted to verify a negative readout prior to sterilization of waste following any change or modification to either the autoclave unit or the operating cycle that may effect its ability to adequately sterilize the waste.
7. Note any comments on the back of this form.

Number of test vials enclosed: _____

Vial Identification Numbers: _____

Vial Number _____ Date Test Run _____ Test Performed By _____

Vial Number _____ Date Test Run _____ Test Performed By _____

Vial Number _____ Date Test Run _____ Test Performed By _____

Vial Number _____ Date Test Run _____ Test Performed By _____

THE SCRIPPS RESEARCH INSTITUTE
ENVIRONMENTAL SERVICES
OPERATING PROCEDURE

TITLE: SHARPS HANDLING PROCEDURE PROCEDURE: III

DATE: AUGUST 11, 1998

OBJECTIVE: To provide a safe and secure method of handling sharps containers in preparation for disposal. All used sharps are placed in disposable sharp containers at the place of use.

DEFINITIONS: Sharps: Includes any objects or devices having acute rigid corners, edges, or protuberances capable of cutting or piercing, and includes, but is not limited to hypodermic needles, blades, and slides.

Sharp Containers: Leak proof, rigid, puncture-resistant containers which when sealed cannot be reopened without great difficulty. These containers must be labeled either "Biohazardous" or "Infectious Waste". The container must be labeled so that the producer's name, address, and phone number are visible for inspection. Needles and syringes shall not be clipped prior to disposal. All sharps containers must be managed as Biohazardous waste.

PERSONAL PROTECTIVE EQUIPMENT: Leather Gloves. Precautionary apparel

REFERENCES: Biosafety Manual IV.D.1,2,3,4
Biosafety in Microbiological and Biomedical Labs, HHS Publication # 93-8395
Cal/OSHA Bloodborne Pathogens Standard (8CCR 5193)
Medical Waste Management Act (HSC 117600et,seq.)

PROCEDURE:

- I. COLLECTION:
 - A. EVS is responsible for the collection, transportation, and storing of sharps containers.
 - B. All sharp containers have lids that are permanently secured before transporting to the Biohazardous Waste area.
 - C. All sharp disposal boxes will be transported by covered Biohazardous cart to the Biohazardous Waste Area where they are stored in covered barrels until picked up by a permitted Biohazardous Waste hauler.
 - D. Biohazardous Waste Storage Cages are located on the first floor BCC and outside the CVN building. A Biohazardous Storage Shed is located adjacent to the Immunology building. Only authorized personnel have access to the storage areas. The Biohazardous Waste Storage areas are kept locked at all times when not in use.

TSRI ENVIRONMENTAL SERVICES
OPERATING PROCEDURE
SHARPS HANDLING PROCEDURE
PAGE 2 OF 2

II. DISPOSAL:

- A. All sharp containers are picked up on a regularly scheduled basis by a permitted Biohazardous Waste hauler for disposal.
- B. Sharps are placed in barrels, separate from other Biohazardous waste.
- C. All sharp containers are considered Biohazardous. Proper handwashing procedures must be used after handling of Biohazardous Waste.

III. TRAINING/COMPETENCY:

- A. All EVS staff is oriented to Biohazardous Waste handling procedures during the department orientation and the TSRI orientation.
- B. EVS staff receives annual training in Biohazardous Waste handling.
- C. EVS staff is instructed to report to Lead or EVS Manager when mishandling of sharps containers is discovered.



Manager, Environmental Services

8-11-98

Date

THE SCRIPPS RESEARCH INSTITUTE
ENVIRONMENTAL SERVICES
OPERATING PROCEDURES

TITLE: BIOHAZARDOUS SOLID WASTE HANDLING PROCEDURE PROCEDURE: III.3

DATE: AUGUST 24, 1998

DEFINITIONS: Medical Waste: Waste that is generated a) in the diagnosis, treatment, immunization, or autopsy of human beings; b) in research pertaining to humans; c) in the preparation of human or animal remains for internment or cremation (incineration); or d) in the production or testing of biologicals and meets one or more of the following:

1. Cultures and stocks
2. Pathological wastes
3. Human blood, body fluids, and tissues
4. Animal wastes
5. Sharps

Solid Wastes: Solid wastes include: petri dishes, culture tubes, culture flasks, plastic serological pipettes, and pipette tips meeting the definition for biohazardous waste.

Biohazard Bags: Biohazard bags are disposable, red plastic bags which are impervious to moisture and have sufficient strength to preclude ripping, tearing, or bursting under normal conditions.

PERSONAL PROTECTIVE EQUIPMENT: Leather gloves. Precautionary apparel.

REFERENCES: Biosafety Manual IV A,B,C,D
Biosafety in Microbiological and Biomedical Labs, HHS publication #93-8395
Cal/OSHA Bloodborne Pathogens Standard (8CCR 5193)
Medical Waste Management Act (HSC 117600 et, seq.)

PROCEDURE:

- I. COLLECTION/TRANSPORTATION/STORAGE
 - A. EVS is responsible for the collection, transportation, and storing of the red plastic biohazard bags.
 - B. Double-lined biohazard bags labeled with the following: name of institution, address, and phone number are used by laboratory personnel for disposal of solid waste.
 - C. Laboratory personnel (generators) place biohazard bags inside supported, reusable containers with lids. Containers must be labeled with "Biohazardous Waste" or the international symbol for "Biohazard". Biohazard bags must be tied and autoclave tape used before being transported.

TSRI ENVIRONMENTAL SERVICES
OPERATING PROCEDURE
BIOHAZARDOUS SOLID WASTE HANDLING PROCEDURE
PAGE 2 OF 2

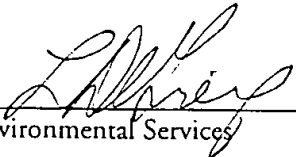
- D. All double-lined red biohazard bags will be transported by supported, reusable containers with lids to the biohazardous waste area where they are stored in covered barrels until picked up by a permitted biohazardous waste hauler. Environmental Services staff will wear PPE when transporting and storing sharps.
- E. Biohazardous Waste Storage Cages are located on the first floor BCC and outside the CVN building. A biohazardous storage shed is located adjacent to the IMM building. Only authorized personnel have access to the storage areas. The biohazardous waste storage areas are kept locked at all times when not in use.

II. DISPOSAL

- A. All red biohazard bags are picked up on a regularly scheduled basis by a permitted biohazardous waste hauler for disposal.
- B. Red biohazard bags are placed in barrels, separate from other biohazardous waste.
- C. All red biohazard bags are considered Biohazardous. Proper hand washing procedures must be used after handling of biohazardous waste.

III. TRAINING/COMPETENCY

- A. All EVS staff is oriented to Biohazardous Waste handling procedures during the department orientation and the TSRI orientation.
- B. EVS staff receives annual training in Biohazardous Waste handling.
- C. EVS staff is instructed to report to Lead or EVS Manager when mishandling of biohazardous waste is discovered.



Manager, Environmental Services



Date

THE SCRIPPS RESEARCH INSTITUTE
ENVIRONMENTAL SERVICES
OPERATING PROCEDURE

TITLE: BIOHAZARDOUS WASTE RECORDKEEPING/REPORTING

PROCEDURE: III.4

DATE: AUGUST 24, 1998

DEFINITION: Recordkeeping: Internal housekeeping practices and controls needed to meet the goals of the environmental legal program (i.e. maintaining employee training records and tracking of pick up by hazardous waste haulers).

REPORTING:

- A. Periodic reports of routine operations
 - 1. Employee injury records
 - a. monthly report to V.P. Facilities
 - 2. Hazardous Waste Generator Records
 - a. poundage by location
 - b. cost by location
 - c. monthly report to V.P. Facilities
- B. Incident Response Report
 - 1. Spills
 - a. reported on occurrence to:
EH&S
V.P. Facilities
- C. Medical Waste Management Plan
(Dept. of health Services, County of San Diego)
 - 1. Update annually
 - 2. Update when change in generator and/or storage area.

RECORDKEEPING:

- A. Standard Container Inventory Invoices
 - 1. provided by licensed hauler
 - a. transported off TSRI Campus
- B. Daily activity Supporting Statements
 - 1. net weight biohazardous waste generated
 - 2. net weight pathological incineration waste generated



Manager, Environmental Services



Date

ATTACHMENT 11

Closure Plan (XIII)

XIII. CLOSURE PLAN

- All treatment units (autoclaves) will be operated empty for a minimum of 90 minutes at a temperature of 250°F.
- The outer surfaces of the autoclaves will be cleaned with an EPA registered disinfectant.
- All biohazardous storage containers will be disinfected with an EPA registered disinfectant and then transferred to an authorized biohazardous waste broker for disposal.
- Biohazardous waste storage areas and areas in which waste was treated will be cleaned with an EPA registered disinfectant.

CLOSURE COST ESTIMATE

AUTOCLAVES-INSIDE	\$120.00
AUTOCLAVES-OUTER SURFACES	\$480.00
STORAGE CONTAINERS	\$1800.00
OFF-SITE DISPOSAL OF CONTAINERS	\$3000.00
FACILITY DISINFECTION	\$1800.00
TOTAL CLOSURE COST	\$7200.00

ATTACHMENT 12

Monitoring Schedule (XIV)

XIV. AUTOCLAVE MONITORING SCHEDULE

SPORE TESTS:

All autoclaves will be tested at least monthly. The Department of Environmental Health and Safety (EH&S) will administer the monthly spore (*Bacillus Stearothermophilus*) test program in accordance with the attached procedure. If an autoclave fails a spore test, EH&S will immediately notify the contact person. Arrangements will be made to re-test the autoclave. Biohazardous waste will not be autoclaved until it has been determined that the autoclave is again functioning properly.

AUTOCLAVE INDICATOR TAPE:

Autoclave Indicator Tape will be placed on each bag of biohazardous waste to be autoclaved. Prior to disposal, the tape will be checked to verify that adequate temperature has been obtained.

PREVENTIVE MAINTENANCE:

All autoclaves undergo bimonthly maintenance. See attached Preventive Maintenance Protocol.

Department Name: Environmental Health and Safety	Issue Date: August 26, 1998	Revision Date:
Title: Permitted Autoclaves	P.P. Number: I-10	Page 1 of 7

Purpose: The purpose of this document is to establish a procedure by which county-permitted autoclaves (autoclaves in which biohazardous/medical waste may be treated) are tested and monitored for regulatory compliance.

Scope: This document applies to all TSRI Environmental Health and Safety personnel who are responsible for ensuring that county-permitted autoclaves are maintained in accordance with current regulations.

I. Responsibilities

A. It is the responsibility of the **Department of Environmental Health and Safety** to ensure the following:

1. All autoclaves used to sterilize biohazardous/medical waste are permitted by the San Diego County Department of Environmental Health, Hazardous Materials Management Division.
2. An up-to-date list of all permitted autoclaves is maintained and these autoclaves are tested (spore test) for proper operation on a monthly basis.
3. The contact person for each autoclave is provided with a written copy of the spore test results.
4. Written records of autoclave spore test results are maintained for a period of not less than three (3) years.
5. Training is provided to users of permitted autoclaves in accordance with the TSRI Medical Waste Management Program. Training is to include but is not limited to waste handling, proper labeling, waste segregation, waste storage, record keeping, emergency procedures, and safe operation of the autoclave.
6. The records of all permitted autoclaves are periodically inspected to ensure regulatory compliance.

B. It is the responsibility of the **Department of Engineering Services** to ensure that all maintenance records for permitted autoclaves are maintained for a period of not less than three (3) years. These records will include documentation of the annual thermometer calibration.

- C. It is the responsibility of the **contact person** for each permitted autoclave to ensure the following:
1. All autoclave users accurately maintain the Autoclave Use Log (Appendix B).
 2. The completed log sheets and autoclave tapes are maintained in a neat and orderly fashion.
 3. The monthly autoclave spore test is conducted and accurate records of test dates and results are maintained.
 4. The Department of Environmental Health and Safety is immediately notified if maintenance is performed on the autoclave which may affect the ability of the unit to adequately sterilize biohazardous/medical waste.
- D. It is the responsibility of the **user** of each permitted autoclave to ensure the following:
1. Biohazardous medical waste is handled in accordance with the TSRI Medical Waste Management Program.
 2. All malfunctions with the autoclave are immediately reported to the contact person.

II. Test Procedure

A. Vial Preparation and Delivery

1. Obtain biological indicators of the variety Bacillus Stearothermophilus.
2. Using an indelible ink marker, label each biological indicator with the autoclave designation number and current month (i.e., "1" for January, "2" for February, etc.).
3. Place the indicator(s) into a coin envelope labeled with the designation numbers. Seal the envelope with tape.
4. Mail the indicators, a copy of the Autoclave Spore Test Procedure, (Appendix A) and the results of the previous month's test to the contact person.

III. Vial Processing (Incubation and Reading)

- A. The spore test vials must be incubated for a period of 48 hours and the final results read at the end of this period. Longer incubation times may result in erroneous results. Consequently, all incubations must be started no later in the week than Wednesday to ensure that the incubation is complete by Friday.
- B. Verify that the spore test vial has been autoclaved by observing that the chemical indicator located on the vial label has changed color from rose to brown.
- C. Place a positive growth control vial of the same lot and manufacturing date as the test biological indicators used in the autoclave test.
- D. Load the test vials into the incubator. If additional test vials are loaded into the incubator at a later time, a positive growth control vial must also be added with each subsequent group.
- E. Periodically check the indicators for any color change. Appearance of a yellow color (positive readout) indicates bacterial growth. If at any time during the incubation period a positive readout is obtained, the contact person must be notified immediately and instructed not to use the autoclave until a negative readout is obtained. Arrangements must be made to retest the autoclave as soon as possible.
- F. Vials must be read within 2-3 days of the completion of the 48-hour incubation period to prevent erroneous readings.
- G. If maintenance is performed which may effect the ability of the unit to adequately sterilize biohazardous/medical waste or if there is a change in the autoclave sterilization procedure, two separate tests must be conducted to verify a negative readout.

IV. Notification and Record Keeping

- A. Following incubation of the spore tests, record the results in the Autoclave Summary Sheet file (h:\users\common\autoclav\autolst.xls).
- B. Print two copies of the Autoclave Summary Sheet for each of the autoclave locations. Initial each sheet for the current month's test results. One copy is to be maintained by the Department of Environmental Health and Safety. The other copy is to be sent to the contact person with the following month's spore test.

C. The Department of Environmental Health and Safety shall maintain test results for a period of 3 years.

V. Consultation Program

Review of all records pertaining to permitted autoclaves will be conducted as part of the Consultation Program. This review shall include but is not limited to a review of the following:

1. The current list of permitted autoclaves
2. Autoclave Use Logs
3. Training records
4. Spore test results
5. Autoclave maintenance records

APPENDIX A

AUTOClave SPORE TEST PROCEDURE

1. Insert the test vial into the autoclave and run with a standard load, time, and cycle. The vial should be placed in the most challenging area of the autoclave ,i.e., the bottom shelf near the door.
2. All loads of "red bag" (biohazardous) waste must be sterilized for a minimum of thirty (30) minutes at 250° Fahrenheit (gravity) or 270° Fahrenheit (prevacuum) steam cycles.
3. After the sterilization cycle is complete, remove the test vial from the autoclave and complete the information at the bottom of this sheet.
4. In order to obtain accurate results, it is necessary that the spore test vial be incubated within 7 days of the test. Therefore, the spore test vial along with this sheet must be promptly returned to the Department of Environmental Health and Safety. This can be accomplished as follows:
Contacting the EH&S Office (4-8240) to arrange for pickup.
Returning the items by interdepartmental mail to the EH&S Office (Mail Code: BCC078) or
Delivering the items to the EH&S Office (BCC B278).
5. If at any time during the incubation period a positive (bacteria present) readout is observed, Environmental Health and Safety will immediately notify the contact person. Arrangements will be made to retest the autoclave. The autoclave must not be used for the sterilization of biohazardous/medical waste until a negative test result is obtained.
6. Two separate spore tests must be conducted to verify a negative readout prior to sterilization of waste following any change or modification to either the autoclave unit or the operating cycle that may effect its ability to adequately sterilize the waste.
7. Note any comments on the back of this form.

Number of test vials enclosed: _____

Vial Identification Numbers: _____

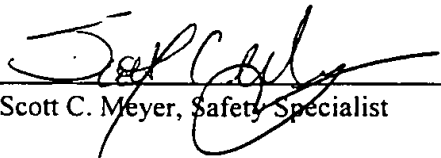
Vial Number _____ Date Test Run _____ Test Performed By _____

Vial Number _____ Date Test Run _____ Test Performed By _____


Vial Number _____ Date Test Run _____ Test Performed By _____

Vial Number _____ Date Test Run _____ Test Performed By _____


Issue Date: August 26, 1998

Prepared by: 
Scott C. Meyer, Safety Specialist

Approval Date: August 26, 1998

Approved by: 
Catherine A. Thomas
Industrial Hygienist

Approval Date: August 26 1998

Approved by: 
Stuart D. Rosenberg, Director
Environmental Health and Safety Department

Revision Date: _____

Prepared by: _____

Revision Date: _____

Approved by: _____

**THE SCRIPPS RESEARCH INSTITUTE
PREVENTIVE MAINTENANCE PROTOCOL**

UNIT DESCRIPTION:

UNIT SERIAL NUMBER:

LOCATION:

INSPECTION FREQUENCY: Bimonthly

DATE OF INSPECTION: _____

PROCEDURES:

1. Inspect both door operation for correct radial arm handwheel, and pivot and hinge movement. Clean and lubricate or repair as required.

PASS () FAIL () COMMENTS:

2. Inspect both door gaskets for damage and serviceability. Clean or replace as required.

PASS () FAIL () COMMENTS:

3. Confirm door safety diaphragm operation of both doors. Repair or replace as required. Confirm door safety switch operation.

PASS () FAIL () COMMENTS:

4. Inspect all incoming utility strainers and jacket trap strainer. Clean or replace as required.

PASS () FAIL () COMMENTS:

5. Inspect Jacket and Chamber traps and any auxiliary traps. Rebuild, clean, or replace as required.

PASS () FAIL () COMMENTS:

6. Inspect and confirm correct operation of all solenoid valves both mechanically and electrically. Rebuild or replace as required.

PASS () FAIL () COMMENTS:

7. Confirm correct operation of all manual control valve operations and confirm leak free.

PASS () FAIL () COMMENTS:

8. Inspect chart recorder assembly for correct operation including proper print density and alignment. Repair or adjust as required.

PASS () FAIL () COMMENTS:

9. Inspect jacket safety valve for proper operation and leakage. Replace as required.

PASS () FAIL () COMMENTS:

10. Confirm correct operation of the pressure regulator valve. Confirm valve stops for high and low set points. Adjust, rebuild or replace as required.

PASS () FAIL () COMMENTS:

11. Inspect fresh air inlet filter. Replace if soiled or damaged.

PASS () FAIL () COMMENTS:

12. Confirm proper operation of cycle select touch pad and switch operations including display. Repair or replace as required.

PASS () FAIL () COMMENTS:

13. Verify correct temperature/pressure calibration.

PASS () FAIL ()

TEMPERATURE: MEASURED: _____ Deg F DISPLAYED: _____ Deg F

PRESSURE: MEASURED: _____ PSIG DISPLAYED: _____ PSIG

COMMENTS: ___ minutes Sterilize with a ___ minute Dry cycle at _____ Deg F

14. Perform final test cycle and confirm unit free of leaks. Confirm chamber strainer clear.

PASS () FAIL () COMMENTS:

15. Additional Comments:

STS Technician: _____ Date: _____

ATTACHMENT 13

Equipment Specifications

ATTACHMENT 13

Medical Waste Treatment Equipment Specifications

- | | |
|-----------------|---|
| Items #1-4, 6-8 | See Facility Information, Attachment 5, Table 1 |
| Item #5 | All autoclaves: steam sterilization |
| Item #9 | See Facility Plan, Attachment 7 |

ATTACHMENT 14

Facility Location (II D.)

II. D. FACILITY LOCATION

The Scripps Research Institute
(858) 784-2000

Beckman Building
10650 North Torrey Pines Road
La Jolla, CA 92037

CVN Building
3545 John Hopkins Court
San Diego, CA 92121

Immunology Building
10466 North Torrey Pines Road
La Jolla, CA 92037

Molecular Biology Building
10596 North Torrey Pines Road
La Jolla, CA 92037

Stein Building
10666 North Torrey Pines Road
La Jolla, CA 92037

Molecular and Experimental Medicine (MEM)
3545 Cray Court
La Jolla, CA 92121

Operating Procedure

JACKET FLOODED SWITCH

Eagle 3000 Series Sterilizers

(1-18-93)

P-387342-993 Rev. 1

A WORD FROM AMSCO

This manual contains important information on proper use of this sterilizer. All operators and department heads are urged to carefully review and become familiar with the warnings, cautions and instructions contained herein. This sterilizer is specifically designed to process goods using only the cycles as specified in this manual. If there is any doubt about a specific material or product, contact the manufacturer of the product for the recommended sterilization technique.

Service Information

A thorough preventive maintenance program is essential to safe and proper operation of this sterilizer. You are encouraged to contact AMSCO concerning our Preventive Maintenance Agreement. Under terms of this agreement, preventive maintenance, adjustments, and replacement of worn parts are done on a scheduled basis to assure equipment performance at peak capability and to help avoid untimely or costly interruptions. AMSCO maintains a nationwide staff of well-equipped, factory-trained technicians to provide this service, as well as expert repair services. Contact your AMSCO representative for details.

AMSCO carries a complete line of accessories for this unit to simplify, organize and assure sterility of the sterilization process. Instrument trays, Vantage and DEXTEX wraps and biological/chemical monitoring systems are all available to fulfill your facility's processing needs. An AMSCO representative will gladly review these with you.

Advisory

A summary of the safety precautions to be observed when operating this equipment can be found in Section 1 of this manual and behind the upper access panel of the unit. Do not operate the sterilizer until you have become familiar with this information.

This sterilizer is not designed to process flammable liquids nor liquids in containers that are not designed for sterilization. Any alteration of the sterilizer which affects its operation will void the warranty and could violate state and local regulations and jeopardize insurance coverage.

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Service and Maintenance Procedure

Eagle 3000 Series Prevacuum Sterilizer

(11-22-93)

P-387343-361 Rev. 1

A WORD FROM AMSCO

This manual contains important information on proper maintenance of this sterilizer. All operators and department heads are urged to carefully review and become familiar with the warnings, cautions and instructions contained herein. This sterilizer is specifically designed to process goods using only the cycles as specified in the Operating Procedure manual. If there is any doubt about a specific material or product, contact the manufacturer of the product for the recommended sterilization technique.

Service Information

A thorough preventive maintenance program is essential to safe and proper operation of this sterilizer. You are encouraged to contact AMSCO concerning our Preventive Maintenance Agreement. Under terms of this agreement, preventive maintenance, adjustments, and replacement of worn parts are done on a scheduled basis to assure equipment performance at peak capability and to help avoid untimely or costly interruptions. AMSCO maintains a nationwide staff of well-equipped, factory-trained technicians to provide this service, as well as expert repair services. Contact your AMSCO representative for details.

This manual contains maintenance schedules and procedures which should be followed for satisfactory sterilizer performance.

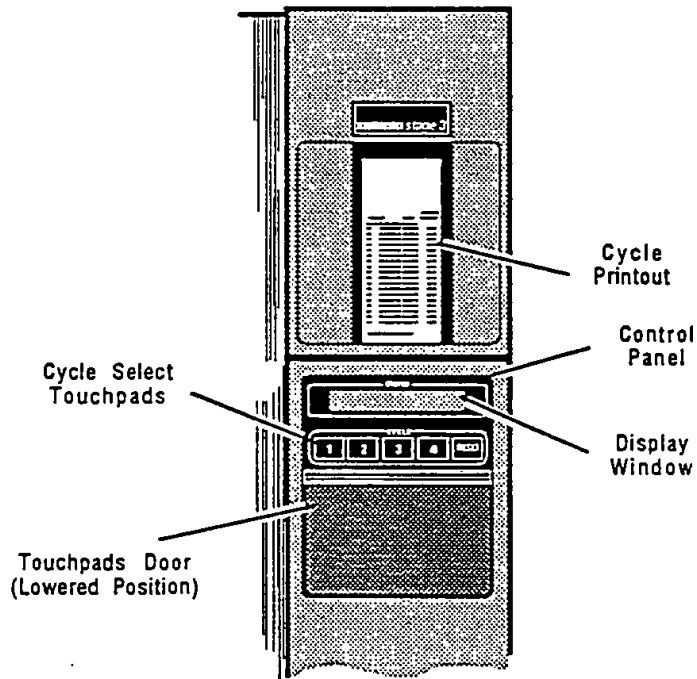
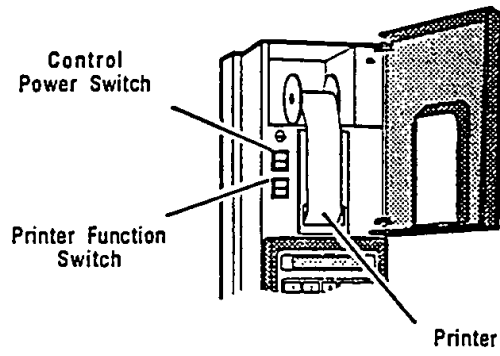
Advisory

A summary of the safety precautions to be observed when servicing this equipment can be found in Section 1 of this manual and behind the upper access panel of the unit. Do not operate or service the sterilizer until you have become familiar with this information.

This sterilizer is not designed to process flammable liquids nor liquids in containers that are not designed for sterilization. Any alteration of the sterilizer which affects its operation will void the warranty and could violate state and local regulations and jeopardize insurance coverage.

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Eagle 3000 Series Sterilizers

SUMMARY OF WARNING AND CAUTIONS







1

The following is a summary of safety precautions to be observed when operating or servicing this unit. WARNINGS indicate the potential for danger to personnel, and CAUTIONS indicate the potential for damage to equipment. The precautions are repeated (in whole or part) where applicable throughout the manual. Carefully read all safety precautions before proceeding to use or service the unit.

WARNING!

-  **SLIPPING HAZARD:** To avoid slippery floor conditions, immediately wipe up any spillage or condensation in sterilizer loading area.
-  **BURN HAZARD:** Sterilizer and rack/shelves will be HOT after cycle is run. Always wear protective gloves and apron (also face shield if processing liquids) when loading or unloading the sterilizer.
-  **BURN HAZARD:** Make sure chamber door is closed and locked before activating a manual cycle.
-  **BURN HAZARD:** When operating a manual cycle, with the power off, the flood control system is not operational. During this time a steam supply malfunction can cause the chamber to fill with scalding water. If machine is operated manually:
 - Unlock the door slowly.
 - Retighten door if water leaks past the door gasket and call for service immediately.
 - Do not attempt to operate this sterilizer until repairs have been completed by a skilled, trained technician.
-  **BURN HAZARD:** A steam supply malfunction, identified by an audible (warble tone) and visual alarm, can cause the sterilizer chamber to fill with scalding water.
 - Do not open the door.
 - Call for service immediately.
-  **BURN HAZARD:** Allow sterilizer, and accessories to cool to room temperature before performing any cleaning or maintenance procedures.
-  **BURN AND SHOCK HAZARD:** Repairs and adjustments must be performed only by authorized persons fully acquainted with this equipment. Maintenance done by inexperienced, unqualified persons or installation of unauthorized parts could cause personal injury or result in costly damage.
-  **BURN HAZARD:** Proper testing of the safety valve requires it to be operated under pressure. Exhaust from the safety valve is hot and can cause burns. Proper safety attire (gloves, eye protection, insulated overall) is necessary. Testing is to be performed by qualified service personnel only.
-  **BURN HAZARD:** Prior to equipment repair, the following investigative steps must be followed and any water that is present in the jacket must be eliminated.
-  **BURN HAZARD:** Do not attempt to open the sterilizer door.
-  **BURN HAZARD:** Do not service sterilizer steam trap or strainer until pressure in jacket has reached 0 psig and the sterilizer has reached room temperature. Piping may contain hot water so protective clothing and hand protection must be worn.

CAUTION!

-  Never use a wire brush, abrasives or steel wool on door and chamber assembly.
-  After installation, it is mandatory to brace piping so that it will not move vertically.
-  Make sure water and steam shut-off valves are closed and pressure is relieved from lines before cleaning strainers.
-  Allow thermostatic traps to cool to room temperature before removing cover. Since there is nothing to limit expansion, the diaphragm may rupture or fatigue if trap is opened while hot.
-  When replacing steam generator sight glass, do not overtorque the gland nut or damage to glass will occur.
-  Only a qualified service technician thoroughly familiar with sterilizer operation should perform these steps.

An Equipment Drawing showing all utility and space requirements was supplied with the sterilizer. Clearance space shown on the drawing is necessary for ease of installation and to assure proper operation and maintenance of equipment. If any documents are missing or misplaced, contact AMSCO giving the Serial, Equipment and Model numbers. Replacement copies will be sent to you promptly.

Installation Checklist

After installing this unit, complete the following checklist to assure that your installation is complete and correct. Or, if you desire, contact your AMSCO representative for a technician to be scheduled to test your installation and demonstrate proper equipment operation.

- Shut-off valves, for maintenance purposes, installed in steam and water lines at a point near the equipment.
- Disconnect switch (with OFF position lockout only) installed in electric supply line near the sterilizer.

NOTE: If the equipment is installed next to other equipment, shutoff valves and disconnect switches should be placed so that service can be shut off to any one unit.

- Service clearance is as shown on the Equipment Drawing.
- If a recessed machine, panel trim fits tightly against curtain-wall opening.
- Building steam line (direct steam units) provides condensate-free steam between 97 and 100% saturated vapor and that pressure is as specified (dynamic) on the Equipment Drawing.
- Building cold water line supplies water to sterilizer at the maximum pressure specified on the Equipment Drawing.
- Electrical supply for sterilizer controls is as specified on the Equipment Drawing.
- If applicable, electric supply for optional three phase motor for vacuum pump and/or recirculating pump, as specified on the Equipment Drawing. Circuit protection by others, not supplied as part of equipment.

Sterilizer parameters can be altered through the Change Values mode or the Service Mode.

Service Mode

Only qualified service technicians should access the service mode. To enter the service mode, pull down swing panel located inside the control column. Turn the column power switch OFF. Set dip switch 4 on the primary control board (P/N 146655-819) to ON. In order to default to the factory set values, hold the CHANGE VALUES and SAVE VALUES touch pad at the same time while the control power switch is turned ON.

NOTE: Control must be in service mode to default (burn-in) to the factory settings.

```
* CONTROL OFF      9:11:50A
                   7/09/91
* CONTROL ON       9:13:31A
                   7/09/91
*****
* EAGLE 3000      *
* VACAMATIC STERILIZER *
* MADE IN U.S.A.  *
*****
* NOT READY      9:13:35A
DOOR UNLOCKED
-----
* CHANGE VALUE   9:14:20A
```

Printout Example

NOTE: Sterilizer is factory-set to operate using degrees Celsius. If Fahrenheit operation is desired or required, see the Change Values section on changing the temperature units.

Change Values Mode

The change values procedure is used to alter the operating "parameters" of the sterilizer. Change values can be used to adjust the sterilizer's cycle values through a wide range of adjustment, and allow control over the operating style of the sterilizer. Most of the change values options, except the ability to correct the time and date and set up the auto utilities control function can be secured (or "locked out") using a supervisor's access code.

Changing values in the Service Mode is similar to changing values in the Ready Mode. However, more values can be changed in the Service Mode, including temperature units, steam flush parameters (separate steam feed units only), and cycle names.

Making Changes

NOTE: The following procedures cover the adjustment of cycles, cycle values and operating (or control) values as they are displayed during the change values procedure by the sterilizer.

All changes are made to displayed settings using a cursor. The cursor is a blinking digit or word on the display. Move the cursor right or left by pressing the arrow touch pad for the appropriate direction (to move left, press the touch pad pointing left, to move right press the touch pad pointing right). If the cursor is on a cycle name (such as GRAVITY), the cycle type can be changed by pressing the up or down direction arrows touch pads.

Press CHANGE VALUES to move the cursor on the display to the first value to be changed. On displays with more than one line of value information, the cursor can be moved from the last number on one line to the first number on the next using the right arrow touch pad.

NOTE: It is often not possible to back up to a previous option or setting.

To change the digit or setting displayed, press the up or down direction touch pads. Usually pressing the up touch pad increases the value of a blinking digit by one, pressing the down arrow direction pad decreases the displayed value by one. The up and down direction pads are also used to change NO to YES (or YES to NO). The procedures given below will provide more details for these kinds of changes.

- Any step in Change Values can be left unchanged (i.e., skipped over) by pressing the CHANGE VALUES touch pad.
- Pressing SAVE VALUES at any time causes the sterilizer to leave the Change Values procedure and save any changes made to the point where SAVE VALUES has been pressed.
- A printout of all cycle and control values is provided upon leaving the change values procedure. Press RESET if you wish to cancel the printout.
- Pressing RESET alone causes the sterilizer to leave Change Values without saving any changes that have been made. Printer records time and date RESET was pressed.

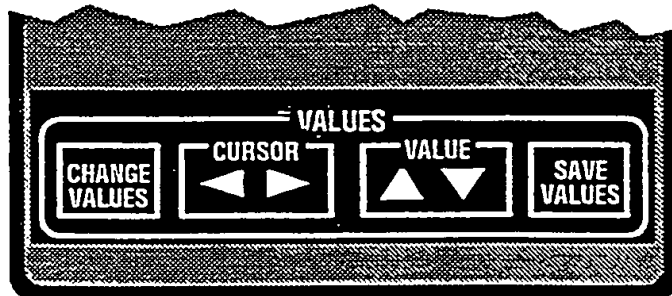


Figure 3-2. Values Touch Pads

Table 3-1. Change Values

GENERAL	
Time and Date	The time and date displayed by the sterilizer can be adjusted when necessary.
CYCLE AND CYCLE VALUES	
Cycles and Cycle Values	<p>The cycles normally displayed and ready for use by the sterilizer can be changed. The values (Sterilize Time and Temperature, and Dry time) for each cycle can be adjusted.</p> <p><i>NOTE: Cycles can be secured against change by unauthorized personnel using the Access Code function (see below).</i></p>
OPERATING VALUES	
Auto Utility Control	This setting permits the operator to program the sterilizer to automatically shut off its steam and water at the end of the work day, to conserve utilities. The number of work days in a week, shut down and power up times can be programmed.
Automatic Duplicate Print	Sterilizer can be set to automatically furnish a duplicate printout of each cycle at the end of the cycle. First line will always read "DUPLICATE PRINT..." and complete printout of cycle data will be furnished.
Date Format	The sterilizer can be programmed to change the way the date is displayed and printed. The normal setting is to display Month/Day/Year (M/D/Y); but this can be changed to Year/Month/Day (Y/M/D), or Day/Month/Year (D/M/Y).
Time Units	This setting allows the control to display times using either standard AM/PM format or 24 hour format.
Access Code	An access code can be programmed into the control, limiting access to locked out cycles and most operating settings. Once the access code has been set, the full number of available cycles can be locked-out, making them unavailable for change by an operator without entering the Access Code first. Time and Date and Auto Utilities Control settings can be adjusted even if the Access Code is being used.
Complete Tone	Normally, a pulsing alarm tone sounds at the completion of a cycle. The sterilizer can be set so that the alarm tone does not sound when cycle is complete.
After Undertemperature	This setting is used to program the sterilizer to respond in the event of an undertemperature alarm. The Restart option resets sterilize phase time to its full length, restarting the phase, once the alarm has been cleared. When the Resume option is selected, the sterilizer continues the sterilization phase, running for the amount of time remaining when the alarm occurred.
Fo Value (Service mode only)	If a load prove is selected, the sterilizer can be set to calculate Fo values based on the load probe during the charge and sterilize phases.
Temperature Units (Service mode only)	The temperature units can be changed between Fahrenheit and Celsius. The display, printout and temperature will reflect the new temperature units.
P3 Setpoint (Units without Optimal Solution Cooling ONLY)	This setting determines the pressure when the Fast Exhaust valve opens during the Exhaust phase of a Liquid cycle or when the Vent phase begins.

Change Values

The sterilizer is open to a wide range of adjustments. This range of adjustments allows the operator, for example, to set cycle phases in hours/minutes/seconds.

After entering the Service mode, the display will show:

```

      STATUS
-----
1=MFG          3=TESTS
2=VALUES       4=CALIB

```

Press cycle 2 touchpad to change values. The display will show:

```

      STATUS
-----
CYCLE CNT=00000000
RUN TIME=00000.0

```

These values can be changed (see section on making changes). The "CYCLE CNT" refers to the total number of cycles run. The "RUN TIME" refers to the total run time in hours.

Press the CHANGE VALUES touchpad to advance. The printer will print the stored values from above.

```

CYCLE CNT = 0000000
RUN TIME = 00000.0hrs

```

The display will show:

```

      STATUS
-----
STERILIZER=VAC

```

This value can be changed to any 7 alphanumeric characters including space and underscore. This parameter will be printed at the start of all cycles. Press the CHANGE VALUES touchpad. The printer will print:

```

      STATUS
-----
INTERLOCK TYPE? 01

```

See the Interlock Procedure (if door interlocks are equipped on unit). Press the CHANGE VALUES touchpad. The display will show:

```

      STATUS
-----
INTERLOCK CODE? 0000

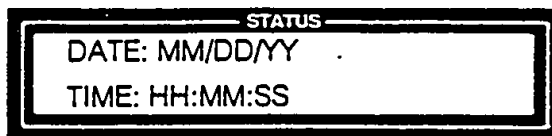
```

See the Interlock Procedure (if door interlocks are equipped on unit).

Changing Time and Date

NOTE: Adjusting the Time and Date is not protected under the Access Code.

1. Press and release the CHANGE VALUES touch pad, the time and date are displayed.

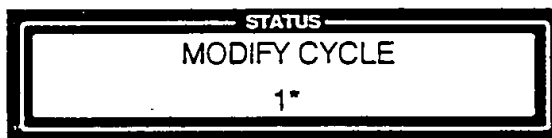


This display shows the time and date the sterilizer is using for all display and printout messages. This display should be verified periodically (see Preventive Maintenance Guide in Section 6).

If the display requires adjustment, follow the steps given below:

2. Move cursor (the blinking display position) to the digit you wish to change by pressing right or left direction touch pads.
3. Increase or decrease the value (of blinking digit) by pressing the up or down direction pads.
4. Repeat steps 2 and 3 until correct time and date is set.
5. Press SAVE VALUES touch pad to record the new time and date and to advance control to ready mode. Printout of cycle values and new time and date will also be furnished. Press CHANGE VALUES touch pad if more changes are desired.

The display will show:



**This blinking position can be 1, 2, 3, 4 (controls with four cycles) or CONTROL.*

When changing values, cycles and cycle values do not have to be changed following a set sequence. Instead, using the up/down direction values keys allows the operator to "scroll" through cycles and values. Select by pressing the CHANGE VALUES touch pad when the desired cycle number, or CONTROL, is on the display.

Pressing the PRINT VALUES button will print the values for that cycle only.

Display numbers correspond to the cycle numbers displayed on the sterilizer's main menu. The full number of available cycles can be locked out under the Access Code.

CONTROL values are the operational settings of the sterilizer (e.g., Auto Utility Control, etc.). All control values, with the exception of Auto Utility Control, are automatically secured against unauthorized or accidental change when the Access Code is been enabled.

NOTE: See the Operating Procedures for a description of changing cycle values.

****NOTE: This sterilizer is factory defaulted to operate using Celsius temperature units. If operation using Fahrenheit units is required, see the proceeding section on changing the units from Celsius to Fahrenheit.***

The following terms or abbreviations are used in CHANGE VALUES:

S = Sterilize time, in hours/minutes/seconds. This is the length of the sterilize phase of the cycle.

TMP = Sterilize temperature, in degrees (either Fahrenheit, or Celsius). This is the temperature at which the sterilize phase timer begins*.

D = This is the length, in minutes, of the drying phase of the cycle. Drying uses continuous evacuation to remove moisture from the chamber and any wrapped packs.

DRY VAC = This setting is used to determine the vacuum level to start the dry timer.

PULSES = This is the number of vacuum pulses the sterilizer pulls before entering the sterilize phase of the cycle. This applies only to prevac cycles.

P1 = This value is the peak pressure point between vacuum pulses during the conditioning phase of prevac cycles.

V1 = This value is the minimum depth of the vacuum pulses during the conditioning phase of prevac cycles. If unit has water ejector (refer to S7 on piping identification drawing for component identification), evacuation will occur for one minute and then end when the vacuum level reaches the V1 point.

P1 HOLD = This is the amount of time, in minutes and seconds, the control will hold at the P1 pressure value.

V1 HOLD = This is the amount of time, in minutes and seconds, the control will hold vacuum at the end of a vacuum pulse.

FT* = Steam flush temperature, in degrees (either Fahrenheit or Celsius). This is the temperature which the unit must obtain, at the steam flush pressure, to verify that most of the air is out of the chamber.

FP* = Steam flush pressure, in psig or bar pressure, This is the pressure which the unit will control to reach the steam flush temperature.

PURGE = This setting is used to determine the length of the purge phase of the cycle. Purging removes air from the chamber.

OVERDRIVE = This value is for controlling the sterilize temperature during the sterilize phase of the cycle. Typically it is offset a few degrees above the desired sterilize temperature. The control temperature during the sterilize phase is the sterilize temperature (TMP) plus the overdrive setting.

OVERTEMP = This is the value used by the sterilizer to determine at what temperature above the **set control** temperature the unit signals an overtemperature alarm.

UNDERTEMP = This is the value used by the sterilizer to determine at what temperature below the **set sterilize** temperature the unit signals an undertemperature alarm.

PRINT INTERVAL = This value controls the interval between status printouts. The value can be set anywhere between 0 and 100 minutes (when set to 00, the sterilizer makes a status print once every 100 minutes).

** Available only on units with separate steam feed piping.*

Change Values - Prevac Cycle

STATUS	
1.PREVAC	S=00:04:00
TMP=132 C	D=00:05:00

NOTE: Refer to the Operating Procedure for a complete listing of default values.

Range of adjustment for PREVAC cycle:

S=	0:00:00 - 99:99:99 hours:minutes:seconds
TMP=	0 - 140° Celsius (0 - 285° Fahrenheit)
D=	00:00:00 - 99:99:99 hours:minutes:seconds
DRY VAC=	0 - 99.9 (0 - 9.99 bar vacuum)
PULSES=	0 - 9
P1=	0 - 35 (0 - 9.99 bar pressure)
V1=	0 - 99.9 (0 - 9.9 bar vacuum)
P1 HOLD=	00:00 - 99:99 minutes:seconds
V1 HOLD=	00:00 - 99:99 minutes:seconds
PURGE=	00:00 - 99:99 minutes:seconds
FT*=	0 - 999° C or F
FP*=	0 - 99 psig (0-9.99 bar pressure)
OVERDRIVE=	0.0 - 9.9° (Celsius or Fahrenheit)
OVERTEMP=	00.0 - 99.9° (Celsius or Fahrenheit)
UNDERTEMP=	0.0 - 9.9° (Celsius or Fahrenheit)
PRINT INT=	0 - 100 minutes (00 =100 minutes)

* Steam flush parameters, FT and FP, are changeable in the service mode only and are only available on units with separate steam feed piping. The parameters are defaulted as follows:

FT= 108°C

FP= 6psig

Prevac Cycle Printout

```

=====
===== PREVAC =====
=====
CYCLE START AT 7:57:25A
                ON 2/16/93
CYCLE COUNT    00008
OPERATOR _____
STERILIZER     VAC
SKELETON       PREVAC
CYCLE NO. 1.

STER TEMP = 132.0C
CONTROL TEMP = 133.5C
STER TIME = 0:04:00
DRY TIME = 0:05:00

PURGE
-----
TIME OF DAY      7:57:25A
CHAMBER PRES    1.4 P
CHAMBER TEMP    54.7 C

PULSE VACUUM    1
-----
TIME OF DAY      7:58:25A
CHAMBER PRES    22.1 P
CHAMBER TEMP    125.2 C

PULSE CHARGE    1
-----
TIME OF DAY      8:00:08A
CHAMBER PRES    12.3 V
CHAMBER TEMP    98.6 C
    
```

```

PULSE VACUUM    2
-----
TIME OF DAY      8:00:28A
CHAMBER PRES    26.0 P
CHAMBER TEMP    127.6 C

CHARGE
-----
TIME OF DAY      8:01:57A
CHAMBER PRES    23.3 V
CHAMBER TEMP    63.6 C

STEAM FLUSH*
-----
TIME OF DAY      8:02:30A
CHAMBER PRES    6.0 P
CHAMBER TEMP    100.0 C

CHARGE*
-----
TIME OF DAY      8:03:57A
CHAMBER PRES    6.2 P
CHAMBER TEMP    108.0 C

STERILIZE
-----
TIME OF DAY      8:04:28A
CHAMBER PRES    28.3 P
CHAMBER TEMP    132.2 C

STERILIZE
-----
TIME OF DAY      8:08:28A
CHAMBER PRES    28.3 P
CHAMBER TEMP    132.2 C
    
```

```

FAST EXHAUST
-----
TIME OF DAY      8:10:28A
CHAMBER PRES    30.6 P
CHAMBER TEMP    133.6 C

VACUUM DRY
-----
TIME OF DAY      8:10:53A
CHAMBER PRES    2.8 P
CHAMBER TEMP    110.2 C

DRY
-----
TIME OF DAY      8:11:09A
CHAMBER PRES    10.0 V
CHAMBER TEMP    92.9 C

AIR BREAK
-----
TIME OF DAY      8:17:09A
CHAMBER PRES    27.6 V
CHAMBER TEMP    35.8 C

COMPLETE
-----
TIME OF DAY      8:15:37A
CHAMBER PRES    1.2 V
CHAMBER TEMP    48.4 C

LOAD            021602

CHAMBER TEMP MAX=135.2 C
CHAMBER TEMP MIN=132.2 C

CONDITION = 6:03
STERILIZE = 4:00
EXHAUST = 7:09
TOTAL CYCLE = 18:12

=====
= READY TO UNLOAD =
=====
    
```

* only on units with separate steam feeds.

Change Values - Gravity Cycle

STATUS	
3.GRAVITY	S=00:15:00
TMP=132 C	D=00:30:00

NOTE: Refer to the Operating Procedure for a complete listing of default values.

Range of adjustment for GRAVITY cycle:

S=	0:00:00 - 99:99:99 hours:minutes:seconds
TMP=	0 - 140° Celsius (0 - 285° Fahrenheit)
D=	00:00:00 - 99:99:99 hours:minutes:seconds
Dry Vac=	0-99.9 (0-9.99 bar vacuum)
PURGE=	00:00 - 99:99 minutes:seconds
FT*=	0 - 999° C or F
FP*=	0 - 99 psig (0-9.99 bar pressure)
OVERDRIVE=	0.0 - 9.9° (Celsius or Fahrenheit)
OVERTEMP=	00.0 - 99.9° (Celsius or Fahrenheit)
UNDERTEMP=	0.0 - 9.9° (Celsius or Fahrenheit)
PRINT INT=	0 - 100 minutes (00 = 100 minutes)

* Steam flush parameters, FT and FP, are changeable in the service mode only and are only available on units with separate steam feed piping. The parameters are defaulted as follows:

FT= 108°C

FP= 6psig

Gravity Cycle Printout

```

=====
===== GRAVITY =====
=====
CYCLE START AT 12:53:25A
                ON 2/17/93
CYCLE COUNT    00009
OPERATOR _____
STERILIZER     VAC
SKELETON      GRAVITY
CYCLE NO. 3.

STER TEMP = 132.0C
CONTROL TEMP = 133.5C
STER TIME = 0:15:00
DRY TIME = 0:30:00

PURGE
-----
TIME OF DAY    12:53:28A
CHAMBER PRES  0.1 P
CHAMBER TEMP  55.0 C

CHARGE
-----
TIME OF DAY    12:54:28A
CHAMBER PRES  6.3 P
CHAMBER TEMP  93.0 C

STEAM FLUSH*
-----
TIME OF DAY    12:54:30A
CHAMBER PRES  6.1 P
CHAMBER TEMP  95.0 C

CHARGE*
-----
TIME OF DAY    12:55:28A
CHAMBER PRES  6.5 P
CHAMBER TEMP  108.0 C

STERILIZE
-----
TIME OF DAY    12:56:04A
CHAMBER PRES  31.0 P
CHAMBER TEMP  132.2 C
    
```

```

STERILIZE
-----
TIME OF DAY    12:58:05A
CHAMBER PRES  30.6 P
CHAMBER TEMP  132.7 C

STERILIZE
-----
TIME OF DAY    1:00:05P
CHAMBER PRES  30.8 P
CHAMBER TEMP  133.4 C

STERILIZE
-----
TIME OF DAY    01:02:05P
CHAMBER PRES  30.2 P
CHAMBER TEMP  133.5 C

STERILIZE
-----
TIME OF DAY    01:04:05P
CHAMBER PRES  29.6 P
CHAMBER TEMP  133.5 C

STERILIZE
-----
TIME OF DAY    01:06:05P
CHAMBER PRES  29.9 P
CHAMBER TEMP  133.6 C

STERILIZE
-----
TIME OF DAY    01:08:05P
CHAMBER PRES  30.0 P
CHAMBER TEMP  133.6 C

STERILIZE
-----
TIME OF DAY    01:10:05P
CHAMBER PRES  29.3 P
CHAMBER TEMP  133.6 C

FAST EXHAUST
-----
TIME OF DAY    1:11:04P
CHAMBER PRES  29.9 P
CHAMBER TEMP  133.6 C
    
```

```

VACUUM DRY
-----
TIME OF DAY    1:11:29P
CHAMBER PRES  2.9 P
CHAMBER TEMP  110.1 C

DRY
-----
TIME OF DAY    1:11:49P
CHAMBER PRES  10.1 V
CHAMBER TEMP  92.8 C

AIR BREAK
-----
TIME OF DAY    1:41:47A
CHAMBER PRES  28.0 V
CHAMBER TEMP  55.8 C

COMPLETE
-----
TIME OF DAY    1:43:17A
CHAMBER PRES  1.3 V
CHAMBER TEMP  64.1 C

LOAD           021701

CHAMBER TEMP MAX=133.8 C
CHAMBER TEMP MIN=132.1 C

CONDITION = 2:36
STERILIZE = 15:00
EXHAUST = 32:14
TOTAL CYCLE = 48:50

=====
= READY TO UNLOAD =
=====
    
```

* ONLY on units with Separate Steam Feeds.

Change Values - Liquid Cycle

STATUS	
4.LIQUID	S=00:45:00
TMP=121 C	

NOTE: Refer to the Operating Procedure for a complete listing of default values.

Range of adjustment for LIQUID cycle:

S=	00:00:00 - 99:99:99 hours:minutes:seconds
TMP=	0 - 140° Celsius (0 - 285 degrees Fahrenheit)
PURGE=	00:00 - 99:99 minutes:seconds
FT*=	0 - 999° C or F
FP*=	0 - 99 psig (0-9.99 bar pressure)
OVERDRIVE=	0.0 - 9.9° (Celsius or Fahrenheit)
OVERTEMP=	00.0 - 99.9° (Celsius or Fahrenheit)
UNDERTEMP=	0.0 - 9.9° (Celsius or Fahrenheit)
PRINT INT=	0 - 100 minutes (00 = 100 minutes)

* Steam flush parameters, FT and FP, are changeable in the service mode only and are only available on units with separate steam feed piping. The parameters are defaulted as follows:

FT= 108°C

FP= 6psig

Liquid Cycle Printout

```

=====
===== LIQUID =====
=====
CYCLE START AT 7:09:25A
                ON 2/17/93
CYCLE COUNT    00010
OPERATOR _____
STERILIZER     VAC
SKELETON      LIQUID
CYCLE NO.     3.

STER TEMP = 121.0C
CONTROL TEMP = 122.5C
STER TIME = 0:45:00

PURGE
-----
TIME OF DAY    7:09:28A
CHAMBER PRES   0.0 P
CHAMBER TEMP   28.0 C

CHARGE
-----
TIME OF DAY    7:10:28A
CHAMBER PRES   6.3 V
CHAMBER TEMP   105.4 C

STEAM FLUSH*
-----
TIME OF DAY    7:10:30A
CHAMBER PRES   6.0 P
CHAMBER TEMP   100.0 C

CHARGE*
-----
TIME OF DAY    7:10:30A
CHAMBER PRES   6.2 V
CHAMBER TEMP   108.0 C

STERILIZE
-----
TIME OF DAY    7:12:04A
CHAMBER PRES   18.2 P
CHAMBER TEMP   121.1 C

STERILIZE
-----
TIME OF DAY    7:14:01A
CHAMBER PRES   17.5 P
CHAMBER TEMP   122.5 C

STERILIZE
-----
TIME OF DAY    7:16:01A
CHAMBER PRES   17.5 P
CHAMBER TEMP   122.5 C
    
```

```

STERILIZE
-----
TIME OF DAY    7:18:01A
CHAMBER PRES   17.4 P
CHAMBER TEMP   122.8 C

STERILIZE
-----
TIME OF DAY    7:36:00A
CHAMBER PRES   17.9 P
CHAMBER TEMP   122.6 C

STERILIZE
-----
TIME OF DAY    7:38:05A
CHAMBER PRES   17.9 P
CHAMBER TEMP   122.5 C

STERILIZE
-----
TIME OF DAY    7:40:00A
CHAMBER PRES   17.6 P
CHAMBER TEMP   122.5 C

STERILIZE
-----
TIME OF DAY    7:42:00A
CHAMBER PRES   17.4 P
CHAMBER TEMP   122.7 C

STERILIZE
-----
TIME OF DAY    7:44:00A
CHAMBER PRES   17.4 P
CHAMBER TEMP   122.6 C

STERILIZE
-----
TIME OF DAY    7:46:00A
CHAMBER PRES   18.0 P
CHAMBER TEMP   122.6 C

STERILIZE
-----
TIME OF DAY    7:47:59A
CHAMBER PRES   17.6 P
CHAMBER TEMP   122.8 C

STERILIZE
-----
TIME OF DAY    7:49:59A
CHAMBER PRES   17.3 P
CHAMBER TEMP   122.7 C
    
```

```

STERILIZE
-----
TIME OF DAY    7:51:04P
CHAMBER PRES   29.9 P
CHAMBER TEMP   133.6 C

STERILIZE
-----
TIME OF DAY    7:52:59A
CHAMBER PRES   18.0 P
CHAMBER TEMP   122.6 C

STERILIZE
-----
TIME OF DAY    7:54:59A
CHAMBER PRES   17.5 P
CHAMBER TEMP   122.8 C

STERILIZE
-----
TIME OF DAY    7:56:59A
CHAMBER PRES   17.4 P
CHAMBER TEMP   122.7 C

SLOW EXHAUST
-----
TIME OF DAY    7:57:06A
CHAMBER PRES   17.7 P
CHAMBER TEMP   122.6 C

COMPLETE
-----
TIME OF DAY    8:12:41A
CHAMBER PRES   0.0 V
CHAMBER TEMP   105.1 C

LOAD           021702

CHAMBER TEMP MAX=122.9 C
CHAMBER TEMP MIN=121.1 C

CONDITION = 0:02:36
STERILIZE = 0:45:00
EXHAUST = 0:15:35
TOTAL CYCLE = 1:02:08
+++++
+ WARNING +
+ HOT LIQUIDS +
+ OPEN DOOR 1 in. (3cm) +
+ AND UNLOAD IN 10min. +
+++++
+ DOOR OPEN 8:14:34A +
+++++

=====
= READY TO UNLOAD =
=====
    
```

Change Cycle Name

After pressing the CHANGE VALUES touch pad when the desired cycle number is on the display, that cycle's values can be changed. As an example, the following display will be shown:

STATUS	
1.PREVAC	S=00:10:00
.TEMP=132 C	D=00:05:00

The cycle name GRAVITY will be blinking. By pressing the up or down value touchpad, the cycle name will change to LIQUID and then back to GRAVITY.

Press the right cursor touch pad to change the cycle name. The first letter of the cycle name will be blinking. Press the up or down value touch pad to change the value from A to Z, blank space, underscore, or 0 to 9. Press the right cursor touch pad to change the next letter or press the left cursor touch pad to change the previous letter. The cycle can have a total of 7 characters. If the 7th character is blinking, pressing the right cursor touch pad will proceed to the first character. If the first character is blinking, pressing the left cursor touch pad will proceed to the last character.

NOTE: If the PREVAC cycle name is changed, the customized named cycle will have a PREVAC skeleton. The same is true if a LIQUID cycle is changed.

The cycles can be custom named for easy identification. As an example, the cycles can be named as follows:

STATUS	
1=CYLINDR	3=H_GOODS
2=FEED	4=MEDIA

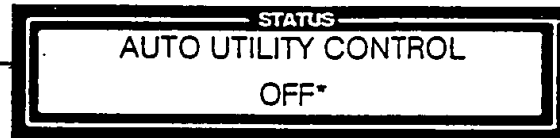
CUSTOM NAME	CYCLE SKELETON
CYLINDR	PREVAC
FEED	PREVAC
H_GOODS	GRAVITY
MEDIA	LIQUID

Press the CHANGE VALUES touch pad to exit the change cycle name mode and proceed to changing the sterilize time, temperature and dry time. Press the CHANGE VALUES touch pad again to proceed to the next screen, or press the SAVE VALUES touch pad to save the values and exit.

NOTE: If you have changed any cycle values, and then later change the cycle type, any changes made to the cycle values will be lost. Additionally, once the cursor (blinking position) is moved off the cycle type (name), the cursor cannot be moved back onto the cycle name without exiting and re-entering the Change Values mode.

Changing Operating Values

These procedures can be used to change the way the sterilizer operates in a general way. If the Access Code has been enabled, only Automatic Utility Control, is open to the operator without the Access Code. These values are displayed in sequence.



**OFF is blinking.*

If you have access to Change Values (i.e., you know the Access Code, or the Access Code has not been enabled), but Auto Utility Control is not selected, follow this arrow.

1. Auto Utility

- a. This option allows the operator to program the sterilizer to automatically shut off and restart the sterilizer's steam and water supplies. The number of work days in a week, shut down and power up times can also be programmed. Sterilizer is shipped from the factory with Auto Utilities Control turned OFF.

- 1) The option defaults to the OFF setting, it can be changed to ON by pressing either the up or down direction pads.
- 2) Press SAVE VALUES to save changes to this point, or CHANGE VALUES to advance control.
- 3) If the Auto Utilities option is left OFF (and the remaining settings have not been secured by the Access Code), the control advances to the Cycle Print Format option (see below).
- 4) If, however, Auto Utilities is turned ON, the display changes to the following after pressing CHANGE VALUES:



**Seven is blinking.*

- b. The cursor (blinking digit) appears at the last number in the first line when the display comes onto the screen. These two settings can be used to set the range of days the sterilizer automatically shuts down and restarts utilities.

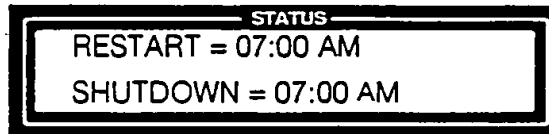
- 1) If necessary, increase or decrease the blinking display number to another number by pressing the up or down arrows touch pads.
- 2) Move to the second line by pressing the right arrow touch pad. The second line is used to enter the day of the work week the sterilizer is being programmed for Auto Utilities Control.





- 3) Once this display is changed satisfactorily, press CHANGE VALUES to advance to next display.

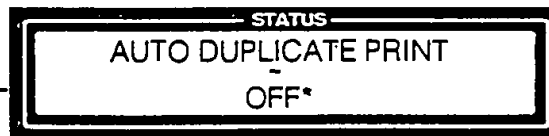
Example: The sterilizer is to be used five days a week (Monday through Friday); the Utility control is being set up on Tuesday. To program this, press the down arrow touch pad twice, the 7 at the end of the first line on the display is changed to a 5. Press CHANGE VALUES to move cursor to the next line of the display. Tuesday is the second day of the work week, press the down arrow touch pad five times to change the 7 at the end of the second line to a 2. The sterilizer is now programmed to operate Monday through Friday, and will shutdown utilities consumption automatically Saturday through Sunday.



- c. This display is used to set the time of day utilities are automatically shutdown and restarted. These values control Restart and Shutdown times each day the sterilizer is scheduled to be used in step 1, above. The values shown are the defaults and can be changed using the up and down, right and left direction pads. Once this display has been changed satisfactorily, proceed to steps 1) or 2), below. When these values are set to the same times, utilities will not automatically turn off.
 - 1) Press SAVE VALUES to save changes to this point and exit, or
 - 2) Press CHANGE VALUES to advance to the next display.



NOTE: Display while unit is in shutdown is shown above. Pressing cycle selector 1, 2, 3 or 4 touch pads restarts sterilizer before normal restart time.



**OFF is blinking.*

2. The sterilizer can be programmed to automatically provide a duplicate print at the completion of each cycle. The factory default is no duplicate print.
 - a. Press the up or down direction pad to change the OFF to a ON. ON indicates a duplicate print will be provided after every cycle.
 - b. Press SAVE VALUES to save changes to this point and exit, or
 - c. Press CHANGE VALUES to advance to next option.

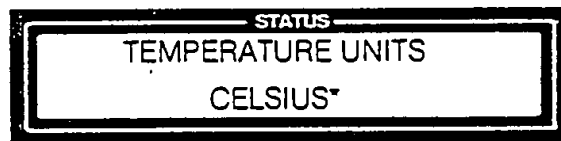


**AM/PM is blinking.*

3. This option is used to select the display format for time. The factory default for this option is a standard time display (AM/PM), but this can be changed to a 24 hour time display (24hrs).
 - a. Press the up or down direction pad to change AM/PM to 24 hrs.
 - b. Press SAVE VALUES to save changes and exit, or
 - c. Press CHANGE VALUES to advance to Temperature Units.

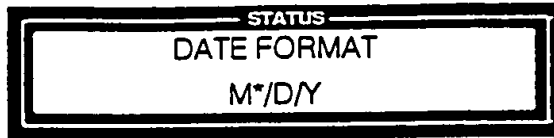


4. This option is only present if the load prove is present. This option will either enable or disable the Fo control. The factory default for this option is Fo value control OFF, but this can be changed to Fo (optional item) value control ON.
 - a. Press the up or down direction pad to change OFF to ON. ON indicates that the cycles will have the Fo control option enabled.
 - b. Press SAVE VALUES to save changes and exit, or
 - c. CHANGE VALUES to advance to the temperature units.



**CELSIUS is blinking.*

5. This option is used to select the display, printer and control temperature units. The factory default for this option is Celsius, but this can be changed to Fahrenheit. Calibration is not required to change temperature units. If temperature units are changed, all temperature default values are reloaded for the temperature units selected. On some units, all changeable parameters are set to their defaults when temperature units are changed.
 - a. Pressing the up or down direction touch pads toggles the display from Celsius to Fahrenheit and back to Celsius. Once desired setting is on the display,
 - b. Press SAVE VALUES to save changes to this point and exit,
 - c. Press CHANGE VALUES to advance to Access Code option.



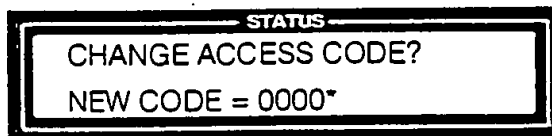
**M is blinking.*

6. This option can be used to change the way the sterilizer displays and prints the date. The normal setting is to display Month/Day/Year (M/D/Y); but this can be changed to either Year/Month/Day (Y/M/D) or Day/Month/Year (D/M/Y).
 - a. Pressing the up or down direction touch pads cycles the display through these selections. Once desired setting is on the display,
 - b. Press SAVE VALUES to save changes to this point and exit,
 - c. Press CHANGE VALUES to advance to Time Units.



**OFF is blinking.*

7. The access code enables the supervisor to secure the sterilizer against unauthorized accidental entry into the Change Values procedure. The factory default is for no access code.
 - a. If an access code is required, press the up or down direction pads to change display to ON.
 - b. Press either SAVE VALUES or CHANGE VALUES touch pad. If the status of the access code was not changed, control advances to Complete Tone option. If Access Code option was changed from OFF to ON, display changes to ask for entry of access code.



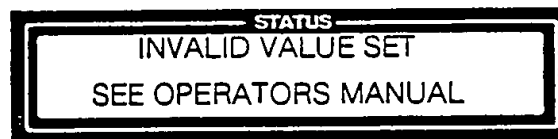
**First 0 is blinking.*

8. Cursor (blinking digit) appears at first digit of access code.
 - a. Use the right left arrow touch pads to move the cursor (blinking digit) to the right or the left. Once the cursor is positioned, use the up/down direction pads to increase or decrease a blinking digit. All four digits can be changed at this display. Once this display has been changed as desired, advance to steps "b" or "c", below.
 - b. By pressing SAVE VALUES the Access Code (even if unchanged) will be saved by the memory; any other changes are also saved and control exits to main cycle selection menu.
 - c. Press CHANGE VALUES To "lock-out" cycles.



**0 is blinking.*

9. The default value for this display is 0. Up to the full number of available cycles can be locked-out (protected from unauthorized or accidental change).
 - a. Change the value by pressing the up direction pad a number of times equal to the number of cycles you wish to lock-out. (For example, if one cycle is locked out, cycle #1 is locked out, if two cycles are locked out, cycles #1 and #2 are locked out, etc.). Press the up arrow touch pad to increase, or press the down direction pad to decrease the number of locked out cycles.
 - b. Trying to enter a value greater than the full number of available cycles causes the display to respond with the following message:



- c. Once this display has been changed as desired, press SAVE VALUES to save changes to this point and exit, or
 - d. Press CHANGE VALUES to advance to Complete Tone option.



**ON is blinking.*

10. When this option is set to ON, the sterilizer sounds a pulsing tone when a cycle completes. The default setting for this option is ON.
 - a. Press the up or down direction pads if you wish to change ON to OFF.
 - b. Press SAVE VALUES to save changes made to this point and exit, or
 - c. Press CHANGE VALUES to advance to the After Undertemperature Restart option.



**RESTART is blinking.*

11. This option is used to control the sterilizer during undertemperature situations occurring during the sterilize phase of a cycle. The RESTART setting causes the sterilizer to begin the sterilize phase over if the unit enters an undertemperature state. RESTART is the default setting. RESUME causes the sterilizer to start the phase timer from the point where the unit enters an undertemperature state.
- Change RESTART to RESUME, if desired, by pressing the up or down direction touch pads.
 - Press SAVE VALUES to save changes to this point and exit, or
 - Press CHANGE VALUES to advance control to first Too Long in Step display or P3 setpoint (units without Optimal solution Cooling ONLY).



12. This setpoint exists and shows only for units without Optimal Solution Cooling. This point determines when the Fast Exhaust valve opens during the Exhaust phase of a Liquid Cycle or when the Vent phase begins. This point may not be set greater than 4.0 psig (2.76 bar pressure).
- This value is entered using the CHANGE VALUES touch pads, the same as for other values in this procedure.
 - Press SAVE VALUES to store this value in the control memory, and return to the main cycle selection menu.
 - Once this value has been set as desired, press CHANGE VALUES to advance to the next Too Long in Step display.



13. The screen for Too Long in Step alarms appears on the display. These alarm settings are defined as follows:

TLIC = Too Long in Charge. This value determines how long the sterilizer will attempt to reach the sterilize temperature set point during charge before the control sounds an alarm. This value can be set anywhere from 0 to 99 minutes.

TLIV = Too Long in Evacuation. This value determines how long the sterilizer will attempt to reach the vacuum set point before the control sounds an alarm. This value can be set anywhere from 0 to 99 minutes.

TLIE = Too Long in Exhaust. This value determines how long the sterilizer will attempt to reach the atmosphere set point (following sterilization) before the control sounds an alarm. This value can be set anywhere from 0 to 99 minutes.

- a) These values are entered using the CHANGE VALUES touch pads, the same as for other values in this procedure.
- b) Press SAVE VALUES to store all values in the control memory, and return to the main cycle selection menu.
- c) Once all values have been set as desired, press CHANGE VALUES to advance to the next Too Long in Slow Exhaust display.



This display defaults to the same value for both small and medium sterilizers.

- c. TLIS = Too Long in Slow Exhaust. This value determines how long the sterilizer will attempt to exhaust the chamber to atmospheric pressure following the sterilize phase of a liquids cycle, before the control sounds an alarm. This value can be set anywhere from 00:00 to 99:59 (hours:minutes).
 - 1) This value is entered using the CHANGE VALUES touch pads, the same as for other values in this procedure. Once complete:
 - 2) Press SAVE VALUES or CHANGE VALUES to store all values in the control memory, and return to the MODIFY CYCLE display.
14. Upon leaving the Change Values procedure, the sterilizer provides a complete printout of all cycle values and operating settings. To cancel printout, press the RESET touch pad once printout begins.

This concludes the Change Values procedure.

Hardware Dip Switches/Jumpers

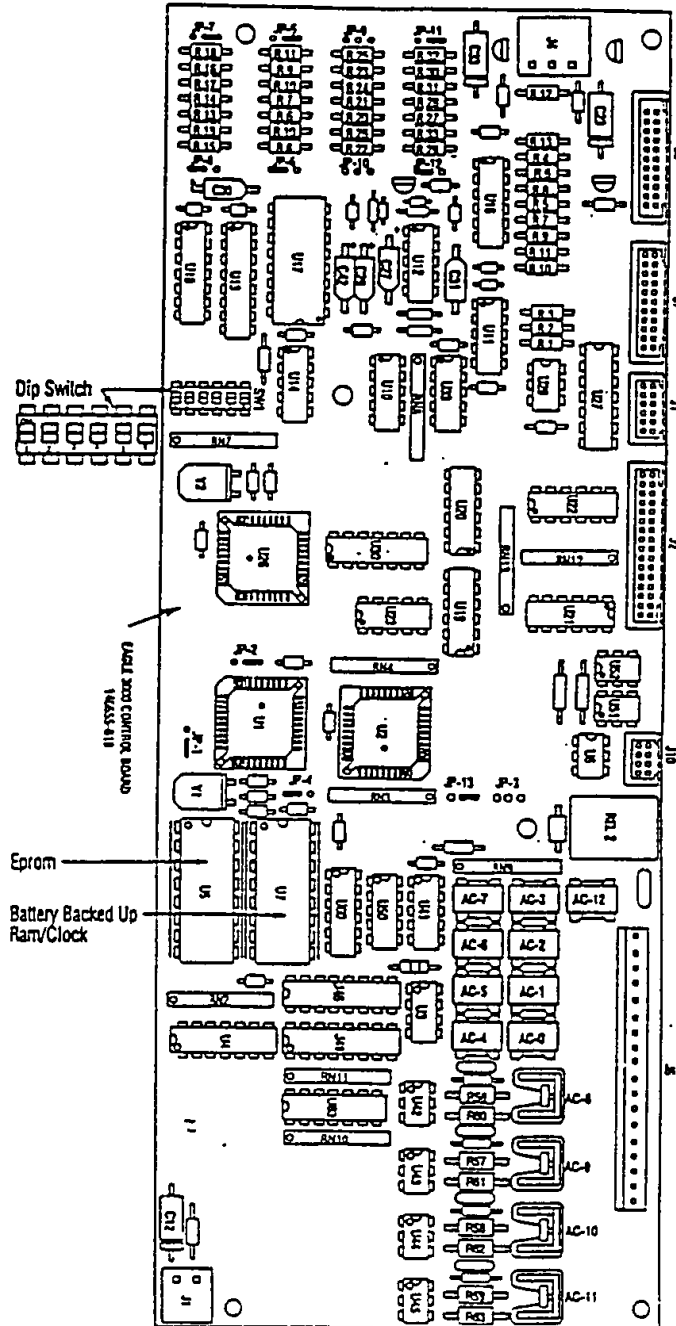
Control Board #1

Control Board #1 may be at the top or bottom of the control column. It can be identified as the board with a plug located in J10.

Jumpers	Function	Jumper Position
JP-1	E-Prom Type 27512 (64K)	<input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3
JP-2	Timer Watchdog (enabled)	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1 2 3
JP-3	Not Used (reset)	<input checked="" type="checkbox"/> . .
JP-4	J7-Battery Backup RAM/Clock	8K <input checked="" type="checkbox"/> . 1 2 3
JP-5	Channel 3 Optional Load Temp. RTD	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1 2 3
JP-6		<input type="checkbox"/> <input type="checkbox"/> . 1 2 3
JP-7	Channel 2 Optional Reference Temp. RTD	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1 2 3
JP-8		<input type="checkbox"/> <input type="checkbox"/> . 1 2 3
JP-9	Channel 1 Chamber Pressure Transducer	<input type="checkbox"/> . . 1 2 3
JP-10		<input checked="" type="checkbox"/> . . 1 2 3
JP-11	Channel 0 Chamber RTD	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1 2 3
JP-12		<input type="checkbox"/> <input type="checkbox"/> . 1 2 3
JP-13	switched neutral relay control (set for LS0 - LS3)	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1 2 3

Indicates painted artwork for pin number 1.

Sw	Description
1 ON	= Indirect Pure Steam Generator
2 ON	= Medium Sterilizer
OFF	= Small Sterilizer
3 ON	= Vacumatic Sterilizer
OFF	= Gravity Sterilizer
4 ON	= Service Mode
5 ON	= Isothermal Gravity Sterilizer
6 ON	= Chamber Flooded Sensor Equipped
OFF	= No Chamber Flood Sensor Equipped



Hardware Dip Switches/Jumpers

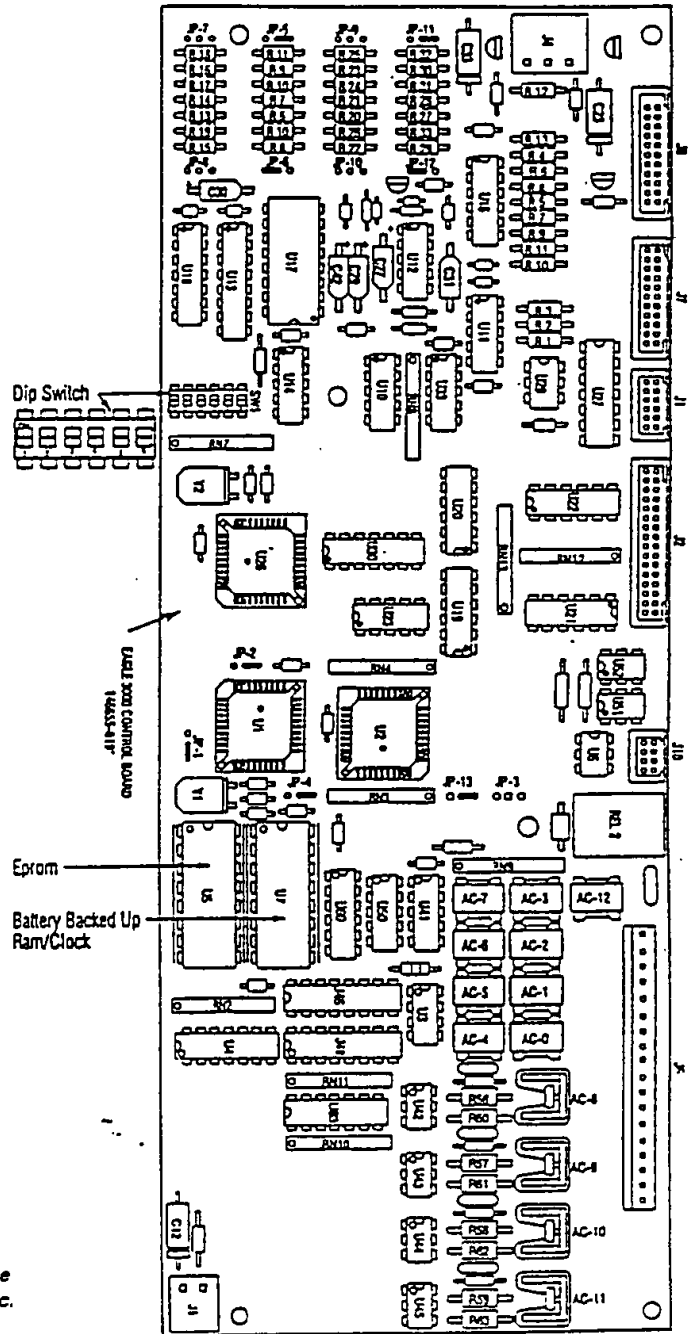
Control Board #2 (optional)

Control Board #1 may be at the top or bottom of the control column. it can be identified as the board without a plug located in J10.

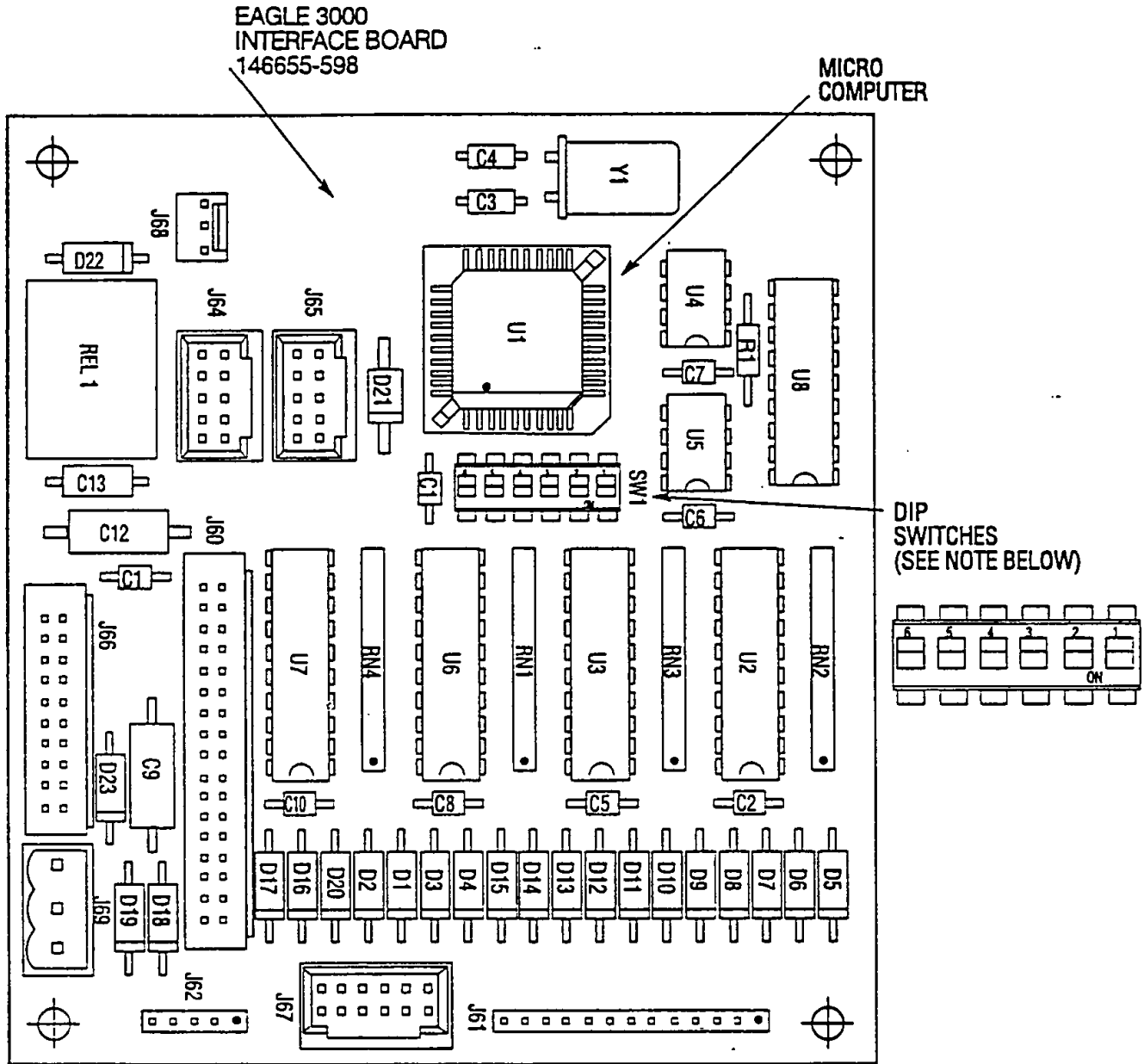
Jumpers	Function	Jumper Position
JP-1	E-Prom Type 27512 (64K)	<input checked="" type="checkbox"/> 1 2 3
JP-2	Timer Watchdog (enabled)	<input checked="" type="checkbox"/> 1 2 3
JP-3	Not Used (reset)	<input checked="" type="checkbox"/> . .
JP-4	J7-Battery Backup RAM/Clock	8K <input checked="" type="checkbox"/> . 1 2 3
JP-5	Channel2 Optional RTD	<input checked="" type="checkbox"/> 1 2 3
JP-6		<input checked="" type="checkbox"/> 1 2 3
JP-7	Channel3 Optional RTD	<input checked="" type="checkbox"/> 1 2 3
JP-8		<input checked="" type="checkbox"/> 1 2 3
JP-9	Channel1 Optional RTD	<input checked="" type="checkbox"/> 1 2 3
JP-10		<input checked="" type="checkbox"/> 1 2 3
JP-11	Channel0 Optional RTD	<input checked="" type="checkbox"/> 1 2 3
JP-12		<input checked="" type="checkbox"/> 1 2 3
JP-13	switched neutral relay control (set for LS0 - LS3)	<input checked="" type="checkbox"/> 1 2 3

Indicates painted artwork for pin number 1.

Sw	Description
1	OFF = Unused
2	OFF = Unused
3	OFF = Unused
4	OFF = Unused
5	NOTE: If EPROM part number in control board #2 is the same as EPROM part number in the control board #1, #5 is set to ON, otherwise it is set to OFF.
6	OFF = Unused



Interface Board



NOTE:

Operating End Control:

Impact printer equipped: 1, 2, 5 only on

Thermal printer equipped: 1,2 only on

Non-operating End Control (if equipped): 1,3 only on

Introduction

The calibration of the temperature probes and the pressure sensor should only be performed by qualified service technicians.

The following procedure should be followed to calibrate the unit.

Before beginning, the following items should be obtained/performed.

- Chamber RTD
- Chamber pressure transducer
- Test Equipment: Calibrated Compound Test Gauge - 30 inHg and 100 psig.
- Regulated oil bath at low temperature (preferably room temperature) and high temperature [preferably 132°C (270°F) to 135°C (275°F)].
- Put control in the service mode, see page 3-1.

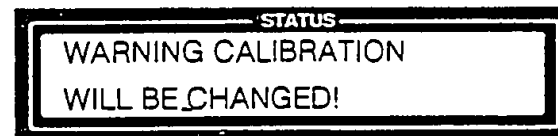
1. Press the RESET button. The following display will be shown:



1. Press Cycle 4 touch pad to enter the calibration mode.



2. Press Cycle 1 touch pad to enter temperature calibration.
3. The following display will be shown for 3 seconds:



4. After 3 seconds, the following display will be shown:



Temperature Calibration

CELSIUS and FAHRENHEIT temperature units can be changed by pressing the up or down touch pad. If the calibration is made in F (fahrenheit), the control will display and print all temperature data in F. If the calibration is made in C (celsius), the control will display and print all temperature data in C.

The following tabulation lists several comparisons of F and C.

72°F	≅	22.2°C
75°F	=	23.9°C
100°F	=	37.8°C
150°F	=	65.6°C
200°F	=	93.3°C
250°F	=	121.1°C
270°F	=	132.2°C

IMPORTANT: If temperature units have been changed since calibration of the temperature probes was last done, calibration of all temperature probes is required. If any calibration of temperature probes is to be done, the following printout will show at this point if all probes must be recalibrated.

TEMPERATURE UNITS
CHANGED. ALL PROBES
MUST BE RECALIBRATED

Once the correct temperature units are shown, press the CHANGE VALUES touch pad. If temperature units have been changed all temperature setpoints are set to their default values. On some units, all changeable parameters are set to their defaults when temperature units are changed.

If there is no reference or load probe (optional item), proceed to step #6. The following display will be shown if a reference or load probe is deleted:

STATUS
CALIBRATE
PROBES TOGETHER

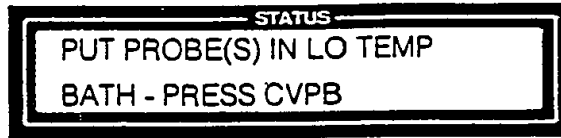
All of the temperature RTDs can be calibrated together, or they can be calibrated in pairs or singularly as shown by the chart below:

(Option	No Reference	With Reference	Load Probe
Ref. Probe	--	Chamber/Ref. Probe	Load Probe
Load Probe	Chamber Probe	Chamber/Ref. Probe	Load Probe

Press the up or down cursor touchpads to change which probes are to be calibrated.

After the correct message is shown, showing which probes are to be calibrated, press the CHANGE VALUES touchpad.

5. The display will show:



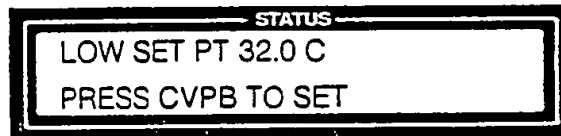
Remove the probes that were selected and place it (them) in the low temperature oil bath and press the CHANGE VALUES touch pad.

6. The display will show:



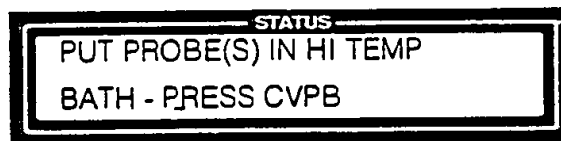
The "CT=XXX C" represents the chamber drain temperature. "CT=XXX C" will continue to show until the RTD temperature changes no more than 0.3°C (0.6°F) in 30 seconds. If other optional probes are being calibrated with the chamber drain temperature, "CT=XXX C" will change to "RT=XXX C" (representing reference temperature) and/or "LT=XXX C" (representing load temperature).

7. After the probe(s) have finished stabilizing, the display will show:



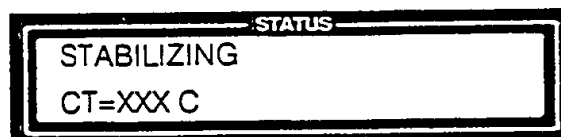
Read the temperature on the calibrated temperature indicator and correct the displayed temperature using the appropriate cursor touch pads. Press the CHANGE VALUES touch pad when finished.

8. The display will show:



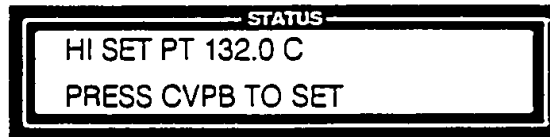
Remove the probes that were selected and place it (them) in the high temperature oil bath and press the CHANGE VALUES touch pad.

9. The display will show:



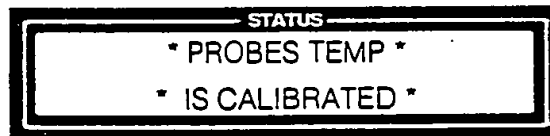
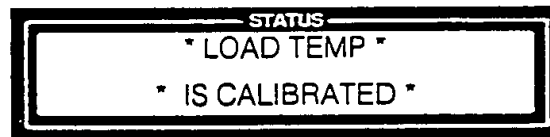
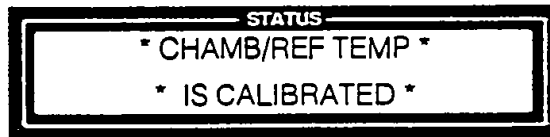
The "CT=XXX C" represents the chamber drain temperature. "CT=XXX C" will continue to show until the RTD temperature changes no more than 0.3°C or 0.6°F in 30 seconds. If other optional probes are being calibrated with the chamber drain temperature, "CT=XXX C" or change to "RT=XXX C" (representing reference temperature) and/or "LT=XXX C" (representing load temperature).

10. After the probe(s) have finished stabilizing, the display will show:



Read the temperature on the calibrated temperature indicator and correct the displayed temperature using the appropriate cursor touch pads. Press the CHANGE VALUES touch pad when finished.

11. After the probes are calibrated, one of the following display will be shown:



The printer will print:

```
NAME    TEMP
-----
CALIBRATED ON:    DATE
                  TIME:    TIME

HEX VALUE:

CHAMBER RTD:
XXXXXXXXXXXXXXXXXXXX

LOAD RTD:                (OPTIONAL)
XXXXXXXXXXXXXXXXXXXX

REFERENCE RTD:           (OPTIONAL)
XXXXXXXXXXXXXXXXXXXX
```

NOTE: "name" refers to one of the following: CHAMBER, CHAMBER/REF, LOAD, PROBES.

Hex values are printed for each RTD that is equipped on the unit. This value represents the calibration setting of the RTD. See Hex Calibration Section for a description of the hex values.

Pressure Calibration

1. Press the RESET button. The following display will be shown:

```
----- STATUS -----
1=MFG                3=TESTS
2=VALUES             4=CALIB
```

2. Press Cycle 1 touch pad.

```
----- STATUS -----
1=SETUP              3=ADJUST
2=CALIB              4=CHART
```

NOTE: Before performing the pressure calibration, it is advisable to run a Vacuum Leak Test Cycle to assure the integrity of vessel and piping.

3. When the display shows:

```
----- STATUS -----
1=SETUP              3=ADJUST
2=CALIB              4=CHART
```

press Cycle number 3 touch pad to enter the ADJUST mode.

4. The ADJUST mode is used to test the following:
 - a. door lock test
 - b. door unlock test
 - c. vacuum leak test
5. The display will show the following for 3 seconds.

STATUS	
STERILIZER CHECK AND ADJUSTMENTS	

6. The display will show the following for 2 seconds.

STATUS	
DOOR PRESS	CT=XXX C
LOCK	P=XXPSIG

7. The display will now show:

STATUS	
1=START	CT=XXX C
4=ADVANCE	P=XXPSIG

NOTE: Number 1-start is used to test DOOR LOCK and DOOR UNLOCK. This test mode is used in the factory as part of the sterilizer and factory test procedures.

8. Press Cycle 4 touch pad. The following displays will be shown:

STATUS	
PERFORM LEAK TEST?	
1=YES	2=NO

Press cycle 1 touch pad.

STATUS	
PLEASE CHECK STEAM	

wait 3 seconds.

STATUS	
READY TO TEST	
1=YES	RESET=CANCEL

Press Cycle 1 touch pad.

Refer to Section 5, for a detailed explanation of the Vacuum Leak Test. The Leak Test cycle is preprogrammed with the following cycle parameters.

Only if vacuum pump not equipped.

- Purge - 1 minute
- Two prevacuum pulses
- Change to 132°C (270°F)
- Evacuate - (10 minutes)
- Stabilize - 2 minutes
- Leak Test - 10 minutes

NOTE: At the end of the 10 minute leak test, the printer will print the actual leak rate. (Reading should not be greater than 1 mm/min.)

- Air Break - 2 inHg
- Complete

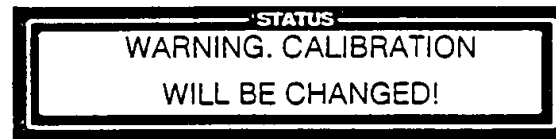
After the cycle is complete and the door is open, the display will show:



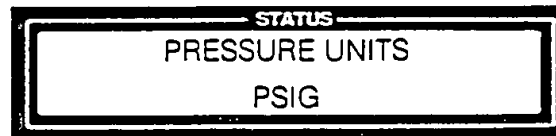
9. Press Cycle 2 touch pad. The following will be displayed:



Press Cycle 2 touch pad. The following will be displayed:



10. After 3 seconds the display will show:



11. PSIG and BAR pressure units can be changed by pressing the up or down touch pad. If the calibration is made in PSIG (psig/inHg), the control will display and print all pressure/vacuum data in psig/inHg. If the calibration is made in BAR (bar pressure/bar vacuum), the control will display and print all pressure data in bar pressure/bar vacuum.
12. The following tabulation lists several comparisons of psig and bar pressure/bar vacuum.

26 psig	=	1.790 bar pressure
20 psig	=	1.379 bar pressure
6 psig	=	0.413 bar pressure
2 psig	=	0.140 bar pressure
0 psig	=	0 bar
2 inHg	=	0.068 bar vacuum
10 inHg	=	0.340 bar vacuum
20 inHg	=	0.670 bar vacuum

Once the correct pressure units are shown, press the CHANGE VALUES touch pad. If pressure units are changed, all pressure setpoints are set to their defaults.

13. If the pressure unit chosen is psig and the sterilizer has separate steam feed piping (jacket steam does not feed the chamber) the following display will be shown:



This value represents the atmospheric pressure in pounds per square inch (psia) and provides accuracy for the control in determining steam-table pressures used for the steam-table deviation alarm. Using the value and cursor touchpads, enter in the local absolute atmospheric pressure. Then press the CHANGE VALUES touchpad to continue.

If the absolute atmospheric pressure cannot be determined at the sterilizer location, contact the nearest airport for the atmospheric pressure, generally given in inches of mercury (inHg.). To calculate the pressure in psia, take the inHg value and divide it by 2.036.

Pressure must be calibrated after entering this point.

NOTE: The atmospheric pressure value feature has not been made available on all sterilizers.

14. The sterilizer door needs to be open to set the atmospheric pressure point at 0 psig (0 bar). The display will show:



15. Open the door. The display will show:

STATUS
STANDBY... POINT
BEING CALCULATED.

16. Ten seconds later, the display will show:

STATUS
CLOSE THE DOOR(S)

17. Close the sterilizer doors. The display will show:

STATUS
PRESS CVPB TO
PURGE/PRESSURIZE.

18. Press the CHANGE VALUES touch pad, steam flows through the chamber for one minute. The display will show:

STATUS
PURGE CT=XXX C
1:00 P=XXPSIG

the printer will print:

PURGE

TIME OF DAY TIME
CHAMBER PRESS PRESS P
CHAMBER TEMP TEMP C

19. After the one minute purge, the chamber will charge with steam. The display will show:

STATUS
CHARGE CT=XXX C
 P=XXPSIG

the printer will print:

CHARGE

TIME OF DAY TIME
CHAMBER PRESS PRESS P
CHAMBER TEMP TEMP C

Set the pressure regulator (this may be a chamber pressure regulator or a Hi-Lo valve), if one exists, to maintain chamber pressure at desired calibration pressure point (30-32 psig recommended). The chamber will be charged with steam to the limit of the steam supply to the chamber.

20. When the chamber pressure changes no more than 0.25 psig for 10 seconds, the display will show:

STATUS	
HI SET PT= XX.X	
PRESS CVPB TO SET.	

21. Wait for the chamber pressure to stabilize further. Once the chamber pressure changes no more than 0.3 psig during a one minute period, read the pressure on the calibrated pressure gauge and immediately enter it into the display. Press the CHANGE VALUES touch pad.

NOTE: If the pressure does not rise 5 psig in one minute, the printer will print:

PRESSURE SENSOR FAILED
NO STEAM

NOTE: The pressure transducer will not be calibrated. The control will exhaust and exit the pressure calibration routine. Troubleshoot the pressure transducer and redo the pressure calibration.

22. The control will fast exhaust to 3 psig (0.2 bar). The display will show:

STATUS	
FAST	CT=XXX C
EXHAUST	P=XXPSIG

the printer will print:

FAST EXHAUST

TIME OF DAY TIME
CHAMBER PRESS PRESS P
CHAMBER TEMP TEMP C

23. When the pressure is equal to, or less than, 3 psig (0.2 bar), the dry phase will begin. A vacuum will be pulled in the chamber to 10 inHg (0.34 bar).

STATUS	
VACUUM	CT=XXX C
DRY	P=XXPSIG

the printer will print:

```
VACUUM DRY
-----
TIME OF DAY      TIME
CHAMBER PRESS    PRESS P
CHAMBER TEMP     TEMP  C
```

24. After 10 inHg (0.34 bar) has been reached, the cycle will enter the dry phase. Evacuation in the chamber will continue. The dry phase time will start at 30 seconds and count down to zero.

```
-----STATUS-----
DRY                CT=XXX C
0:30              P=XXPSIG
```

the printer will print:

```
DRY
-----
TIME OF DAY      TIME
CHAMBER PRESS    PRESS P
CHAMBER TEMP     TEMP  C
```

25. Upon reaching zero, the cycle will enter the air break phase. Filtered air will enter the chamber to relieve the vacuum in the chamber.

```
-----STATUS-----
AIR BREAK         CT=XXX C
                  P=XXPSIG
```

the printer will print:

```
AIR BREAK
-----
TIME OF DAYTIME
CHAMBER PRESS    PRESS P
CHAMBER TEMP     TEMP  C
```

26. Ten seconds after the vacuum level reaches 2 inHg (0.068 bar), the cycle will be completed. The following will be displayed and printed.

```
-----STATUS-----
* PRESSURE *
* IS CALIBRATED *
```

PRESSURE CALIBRATED

CALIBRATED ON: DATE
 TIME: TIME

HEX VALUE:
006902C861DB01000

27. The display will show:

STATUS	
1=TEMP	3=HEX
2=PRESS	4=VERIFY

Hex Calibration

1. Hex calibration may be used to reset calibration settings to the settings made at the last calibration, in case calibration settings have changed due to a RAM chip failure or replacement or installation of a different or revised EPROM. This is accomplished by entering in the hex values that are printed at the completion of calibration. Hex Calibration may not be sufficient if an RTD, transducer, or control board is replaced, since these items affect the calibration settings. It is recommended that actual calibration be done in these cases. To enter the hexadecimal calibration mode, press cycle 3 touchpad when the above screen is shown.

2. The display will show:

STATUS
WARNING CALIBRATION WILL BE CHANGED!

3. After 3 seconds, the display will show:

STATUS
1=PRINT HEX VALUES 2=ENTER HEX VALUES

4. Press Cycle 1 touch pad to obtain a listing of all hex values for each individual probe or transducer. The display will show:

STATUS
HEX VALUE PRINTOUT

The following printout will occur:

HEX VALUE PRINTOUT

CHAMBER PRESSURE:

XXXXXXXXXXXXXXXXXXXX

CHAMBER RTD:

XXXXXXXXXXXXXXXXXXXX

LOAD RTD:

(OPTIONAL)

XXXXXXXXXXXXXXXXXXXX

REFERENCE RTD:

(OPTIONAL)

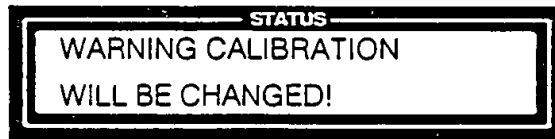
XXXXXXXXXXXXXXXXXXXX

5. The display will show:



6. Press Cycle 3 touch pad to enter the hexadecimal calibration mode.

7. The display will show:



8. After 3 seconds, the display will show:



9. Press Cycle 2 touch pad to re-enter the hexadecimal values.

10. The display will show:



11. Press CHANGE VALUES touch pad to re-enter the hex values for the chamber drain RTD.

12. The display will show:

STATUS
CHAMBER RTD: 026903CEC0AF00FC02

The values can be changed by using the up, down, right and left cursor touch pads. The values can be changed from 0-9 and from A-F. Press Change Values touch pad after all the values have been set.

13. The display will show:

STATUS
RE-ENTER HEX VALUE.

14. The display will show:

STATUS
CHAMBER RTD: 026903CEC0AF00FC02

Re-enter the hex value to verify that the previous value was entered correctly. Press CHANGE VALUES touch pad after the values have been set.

15. The printer will print:

CHAMBER RTD HEX VALUE
TYPED IN:
026903CEC0AF00FC02

16. The next screen will allow the next temperature RTD's hex value to be changed, or if there are no more present, the pressure transducer's hex value can now be changed. Re-enter those hex values in the same manner as described above for the chamber drain RTD or by-pass those values to show the following display:

STATUS	
1=TEMP	3=HEX
2=PRESS	4=VERIFY

Verify Calibration

1. Press Cycle 4 touch pad to verify the temperature calibration. The display will show:

```
-----STATUS-----  
PLACE THE PROBES IN HOT  
OIL.      PRESS CVPB
```

2. Press the CHANGE VALUES touch pad when the probes are in the hot oil.
3. The display will show:

```
-----STATUS-----  
STABILIZING ...  
CT=XXX C
```

4. After all RTDs change no more than 0.3° C in 30 seconds, the printer will print:

```
*****  
VERIFY CALIBRATION  
  
TIME:      TIME  
DATE:      DATE  
  
CHAMBER TEMP      = XXX.X C  
REFERENCE TEMP    = XXX.X C  
LOAD TEMP         = XXX.X C  
  
* VERIFY THESE  
* TEMPERATURES WITH THE  
* CALIBRATED REFERENCE.  
  
*OPERATOR _____  
  
*****
```

5. The display will show:

```
-----STATUS-----  
1=TEMP      3=HEX  
2=PRESS     4=VERIFY
```

⚠ WARNING - BURN HAZARD: Allow sterilizer, generator (if applicable) and accessories to cool to room temperature before performing any cleaning or maintenance procedures.

⚠ WARNING - BURN AND SHOCK HAZARD: Repairs and adjustments must be performed only by authorized persons fully acquainted with this equipment. Maintenance done by inexperienced, unqualified persons or the installation of unauthorized parts could cause personal injury or result in costly damage.

This section describes how to access a test in the service mode of the control which allows each output to be manipulated and allows the state of each input to be viewed on the display.

1. Enter service mode by performing the following:
 - a. Turn off the main power supply.
 - b. Remove the front cover on the control.
 - c. Pull down the swing panel and locate a set of dip switches (SW1) on the control board #1. (P/N-146655-819).
 - d. Set dip switch 4 to the ON position.
 - e. Push swing panel back into place and turn on the main power switch and the control power switch.
2. The display will show:



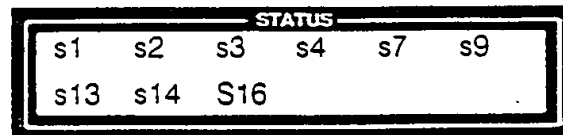
Press Cycle 3 touch pad. The display will show:



Press Cycle 1 touch pad. The display will show for 5 seconds:



The display will then appear similar to the following:



Some commonly used valves are shown below. See Electrical or Piping schematic for a complete list of valves used on the unit.

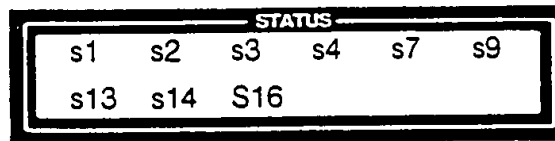
DISPLAY		VALVE
S1	=	Filtered Air
S2	=	Chamber Steam (come up)
S3	=	Fast Exhaust
S4	=	Exhaust Cooling
S7	=	Water Ejector
S9	=	Steam To Jacket
S13	=	Constant Bleed
S14	=	Chamber Steam (timing)
S16	=	Water Supply

The valve number of each valve equipped on the unit is shown on the display beside a letter "S". Use the CURSOR touch pads to scroll the blinking "S" and use the VALUE touch pads to change the "s" to a "S", which turns on the corresponding valve, or change the "S" to a "s", which turns off the corresponding valve.

If S2 is actuated, it will deenergize when the door(s) is/are open and the following display will show for 5 seconds:



When the display shows (example):



Press Cycle 1 touch pad to show the temperatures and pressure. An example display showing chamber temperature and pressure is shown below.



Press Cycle 1 touch pad again to return to the valve actuation display.
Press Cycle 3 touch pad to show the limit switch state display.

Display will show (example):



"0" = Indicates switch contacts closed

"-" = Indicates switch contacts open/not used

Top row numbers/letters correspond to the limit switches as shown on machine electrical schematics.

Some commonly used switches are shown below:

DISPLAY		LIMIT SWITCH
0	=	Front Door Switch
1	=	Rear Door Switch
2	=	Water Sensor
3	=	Wire Jumper or Chamber Pressure switch

To return to the normal valve test, press cycle touch pad #3 again.

3. Exit service mode by performing the following:
 - a. Turn off main power supply.
 - b. Pull down swing panel and set dip switch 4 back to the OFF position.
 - c. Push swing panel back into place and turn on main power supply.

ROUTINE MAINTENANCE

6

⚠ WARNING: BURN AND SHOCK HAZARD - Be sure to switch power switch to OFF and wait until chamber cools to room temperature before starting any maintenance procedures.

Maintenance procedures described in these sections should be performed regularly at the indicated intervals. The indicated frequencies are minimums and should be increased if sterilizer usage warrants. If a problem occurs, refer to Section 6, Operator Troubleshooting. A sample maintenance record is included in this Section which should be used as a guide for the frequency of maintenance. Local conditions (water quality, usage, etc.) may require more frequent maintenance than indicated. Such a record will prove useful in ensuring proper maintenance.

Preventive Maintenance Guide

The following guide should be followed to properly maintain the sterilizer. These procedures should be carried out only by qualified service technicians.

SERVICE REQUIRED: (Bimonthly inspection)		1	2	3	4	5	6
1.0	PREPARATION FOR PREVENTIVE MAINTENANCE						
1.1	Discuss equipment operation with department personnel.	x	x	x	x	x	x
1.2	Inspect printouts for signs of trouble.	x	x	x	x	x	x
1.3	Install test equipment.	x	x	x	x	x	x
1.4	When necessary, shut off all building services and drain all lines.	x	x	x	x	x	x
2.0	DOOR ASSEMBLY (EACH DOOR ON A DOUBLE DOOR UNIT)						
2.1	Inspect door for ease of operation.	x	x	x	x	x	x
2.2	Inspect condition of door seal for wear- replace as necessary.	x	x	x	x	x	x
2.3	Inspect door alignment with end ring.	x	x	x	x	x	x
2.4	Lubricate hinge and hinge pins	x	x	x	x	x	x
2.5	Inspect for loose screws and tighten.	x	x	x	x	x	x
2.6	Door lock diaphragm - replace						x
2.7	Grease door post and bearings			x			
3.0	EACH HAND VALVE						
3.1	Inspect valve for smooth operation and proper valve seating.	x	x	x	x	x	x
3.2	Inspect valve for leaks.	x	x	x	x	x	x
3.3	Run MANUAL cycle to test operation of multiport valve (if equipped)	x					
4.0	EACH WATER, JACKET AND STEAM STRAINER						
4.1	Inspect strainers for debris, clean as necessary.	x	x	x	x	x	x
5.0	EACH STEAM TRAP (If equipped)						
5.1	Inspect steam trap for proper operation.	x	x	x	x	x	x
5.2	Rebuild steam trap.			x			

* Contact your local AMSCO representative for this service.

6-1

SERVICE REQUIRED: (Bimonthly inspection)		1	2	3	4	5	6
6.0	EACH GAUGE						
6.1	Inspect each gauge for accuracy (against test gauge).	x	x	x	x	x	x
6.2	Inspect each gauge for leaks.	x	x	x	x	x	x
7.0	EACH VALVE						
7.1	Make internal inspection of each valve.	x			x		
7.2	Replace check valve if necessary (run a leak test).	x			x		
7.3	Inspect each solenoid valve for proper operation (run a cycle).	x	x	x	x	x	x
7.4	Rebuild each solenoid valve.			x			
7.5	Inspect steam-control valve for proper operation (run a cycle).	x	x	x	x	x	x
7.6	Rebuild steam-control valve.*				x		
7.7	Flush out each flow- control valve.	x	x	x	x	x	x
7.8	Remove jacket flood float switch and clean.	x		x		x	
7.9	Test safety valve for proper operation.	x	x	x	x	x	x
8.0	EACH VACUUM BREAKER						
8.1	Inspect each vacuum breaker for proper operation by closing the water valve and listening to breaker operation.	x	x	x	x	x	x
8.2	Rebuild vacuum breaker.					x	
9.0	AIR FILTER (CARTRIDGE TYPE)						
9.1	Replace cartridge.			x			x
10.0	CHAMBER DRAIN						
10.1	Inspect strainer for debris.	x	x	x	x	x	x
11.0	STAGE 3 CONTROL						
11.1	Calibrate temperature and pressure readout.*					x	
11.2	Replace battery backed ram chip *		AR				
11.3	Verify operation of flood alarm control.*	x	x	x	x	x	x
11.4	Replace printer			AR			
12.0	FINAL TEST						
12.1	Clean lint and dirt from components.	x	x	x	x	x	x
12.2	Inspect wiring, terminals and socket connections for damage or fraying.	x	x	x	x	x	x
12.3	Run machine through each cycle verify operation, displays and printouts.	x	x	x	x	x	x
12.4	Remove all test equipment installed for inspection.	x	x	x	x	x	x
12.5	Install any panel or cover removed during inspection.	x	x	x	x	x	x
12.6	Inspect areas to ensure removal of all materials used during inspection.	x	x	x	x	x	x

Recommended Daily Maintenance

*NOTE: To keep your sterilizer and loading equipment looking like new, AMSCO recommends and occasional application of **Pry Cream*** to the painted surfaces.*

NOTE: Flush drain whenever line becomes clogged or spillage occurs during a liquid processing cycle.

Recommended Weekly Maintenance

** Contact your local AMSCO representative.*

1. Clean chamber as follows:
 - a. Wash inside of chamber and loading equipment with a mild detergent solution such as AMSCO's Liqui-Jet* or Sonic* detergent. (Chamber must be at room temperature - OFF all night - before washing.)
 - b. Rinse with tap water; dry with a lint free cloth.
 - c. Remove chamber drain strainer. Clean out lint and sediment: reverse flush under running water.
 - d. Place strainer back in chamber drain.

1. Flush chamber drain as follows:
 - a. Turn OFF steam supply valve. Wait until Jacket Pressure is zero. Wait until chamber has cooled to room temperature.
 - b. Remove chamber drain strainer.
 - c. Rinse drain with a solution of 1/2 cup of AMSCO Sonic Detergent* or Liqui-Jet* and one quart of hot water.
 - d. Wait five minutes.
 - e. Flush drain with hot water.
 - f. Place strainer back in drain.
 - g. Turn steam supply valve back on.

2. Check control and status signals as follows:
 - a. Select and start a short cycle.
 - b. Observe gauges, display and printed tape for proper functioning. (On double-door units, also observe non-operating end control panel.)

Recommended Quarterly Maintenance

Float switch assembly (option)

Mounted on the side of the jacket of the sterilizer is a float switch assembly. This device is used for monitoring the presence of water in the jacket. On a quarterly basis, minimum, the float switch is to be removed from its housing and inspected for freedom of movement. Disassembly may be needed to clean the unit. Use a Scotchbrite® pad to clean off any scale. Make sure the float is installed in the correct position. There is a "NC" and a "NO" stamped on the float. The "NC" is to be installed up. If the letters are not readable, an ohmmeter can be used to confirm operation. With the float in the down position, there must be continuity between the wires coming out of the switch.

Door

1. Inspect door seal. If it is brittle or has cracks, replace it (see "Service Procedures," in this section for the procedure).
2. Lubricate bearings and door post—it is recommend that AMSCO service personnel perform this procedure.
3. Replace door lock diaphragm.
4. Lubricate door hinge pins.

Service Procedure

Strainer — Steam and Water Inlet

These should be opened for cleaning at least twice a year. Accumulation of sediment and rust will reduce pressure and flow. In extreme conditions, complete blockage may occur.

Disassembly

1. Remove hex plug and gasket. Pull out strainer screen from body.
2. Scrape and polish all rust and residue from strainer screen and body. Use a wire brush or steel wool. Be sure that all perforations are clear, by poking open with a wire. Replace screen if damaged, rusted or corroded.

Reassembly

1. Insert screen into strainer body. Take care that no dirt or other particles remain in strainer body.
2. Replace and tighten hex plug. Use a new gasket if necessary.
3. Make certain that all pipe connections are tight after assembly.

Steam Trap (if equipped)

Disassembly

1. Using a hex socket-wrench, unscrew and remove the cap and attached diaphragm assembly.
2. Remove seat from body using a hex socket wrench.
3. Wipe out bowl taking care that loose material does not enter the piping.

⚠ CAUTION: Allow thermostatic traps to cool to room temperature before removing cover. Since there is nothing to limit expansion, the diaphragm may rupture or fatigue if trap is opened while hot.

Reassembly.

1. Screw new seat in firmly. (Use hex socket wrench.)

NOTE: Seat and diaphragm are a lapped pair.

2. Install new diaphragm.
3. Replace cap and attached diaphragm assembly, using a new gasket.
4. Check for leaks.



WARNING-BURN HAZARD: Proper testing of the safety valve requires it to be operated under pressure. Exhaust from the safety valve is hot and can cause burns. Proper safety attire (gloves, eye protection, insulated overall) are necessary. Testing is to be performed by qualified service personnel only.

Valves

1. Check Valves - Repair of check valves is limited to cleaning of valve seats when foreign matter causes improper operation. When a valve becomes defective, the entire valve must be replaced.
2. Solenoid Valves - Solenoid valve repair kits include complete instructions for revuiling the valve. Refer to the parts list for the correct repair kit part number.
3. Steam Control Valve - The Hi-Lo valve is used for setting the correct supplied steam pressure for high temperature (270° F) cycles and low temperature (250° F) cycles. Incorrect adjustment of this valve can lead to improper sterilizer operation and therefore adjustment and rebuilding of this component should be referred to a qualified service technician.
4. Safety Valve - The safety valve is to be tested periodically. To prevent damage to the safety valve, the valve must have at least 75% of its rated pressure when the try lever is actuated. The valve is to be held open for 1 to 2 seconds and then allowed to snap shut. Actuation at less than 75% of rated pressure can allow debris to contaminate the seat and will cause the valve to leak.

Vacuum Breaker

Disassembly

1. Unscrew and remove bonnet assembly.
2. Remove friction ring and air valve seat.
3. Remove assembled ballast and float.
4. Separate ballast and float.
5. Clean all rust and sediment from valve. Clean out drain holes in the float and ballast, and inspect for breaks or leaks. Replace parts as required. If the friction ring and air valve seat are not in perfect condition, they should be replaced.

Reassembly

1. Assemble ballast and float.
2. Slide float/ballast assembly into valve body, making sure that the

assembly moves freely in valve body.

3. Insert air valve seat and friction ring.
4. Screw on bonnet assembly.
5. Test for leaks.

Thermal Printer Replacement

Two different printer types exist, either thermal or impact. Refer to "Change Paper Roll" section to determine printer type.

To replace printer P755716-005 follow these steps:

1. Turn power off at main power switch (located behind upper access panel on 16x16 and 20x20 units, behind lower access panel on 24x36 units.)
2. Remove 2 socket head screws and lower control panel.
3. Remove any paper left in printer. Remove paper by pulling up.
4. Locate printer board assembly. Remove 3 nuts and disconnect two cables as noted. Remove printer board assembly from column.
5. Remove three screws and disconnect cable as shown. Remove printer from printer board.
6. Remove the 2 small nuts and bolts and remove printer P755716-005 from backing plate.
7. Install new printer P755716-005 by reversing above steps.
8. Refer to "Change Paper Roll" section in this manual.

Heat Exchanger Zinc Plug (24 X 36 units only)

A Zinc plug is installed in the end of the heat exchanger. The purpose of the zinc plug is to act as a sacrificial material to prolong the life of the heat exchanger. On a periodic basis the zinc plug should be replaced.

To replace, first locate the zinc plug. It is installed in the end cap of the heat exchanger towards the non operating end of the sterilizer. It looks like a regular pipe plug. Water from the heat exchanger (approx. 1-2 gallons may come out when removing.) Remove the plug and replace it with a new plug P-764321-001.

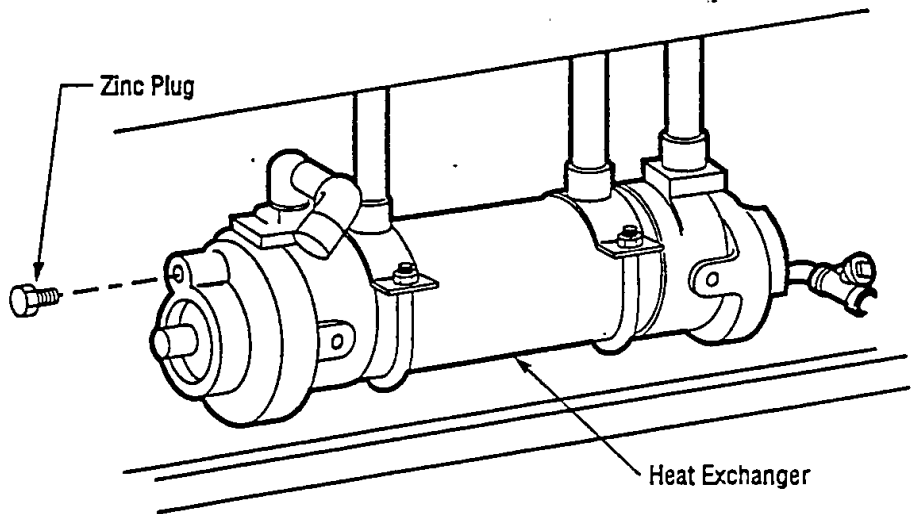


Figure 6-1. Heat Exchanger Zinc Plug

Change Paper Roll

See Figure 6-2, 6-3, 6-4, 6-5, 6-6, 6-7, 6-8, 6-9, and 6-10.

1. Open control door.
 - a. Grasp and pull remaining paper through printer. Pull paper *up*. If paper is pulled down damage to printer will occur.
 - b. Remove take-up spindle from its drive mechanism by pulling to the left. (Figure 6-2)
 - c. Remove paper roll from take-up spindle and return empty take-up spool to spindle.
2. At this point, identify the type of printer. Two types of printers are currently being used: thermal or impact. See figure 6-3 to identify printer type.
3. Lower the platen and remove the lower paper spindle by pulling it straight forward. (Figure 6-4).
 - a. Place new paper roll onto the lower spindle with the paper feeding downward from the back of the paper roll. (Figure 6-5)

For impact printers only

- b. Slide tab of paper into top of printer as far as possible. Then turn control power switch on. Paper automatically advances through printer and exits front of printer. (Figure 6-6 or 7)
 - c. Replace lower spindle (with new paper roll) back into position by pressing from the front until it snaps into place.
4. Pull four or five inches of paper out from the roll and tear the corners to make a point.
 - a. Slide tab of paper from the back (with platen still in down position) until it exits from the front of the printer.
 - b. Grasp tab of paper, pull *up* not down 10 to 12 inches of paper, and feed this paper through the opening in the platen. (Figure 6-8)
5. Raise platen backup into position and lift out the take-up spindle. (Figure 6-9)
6. Insert the tab of the new paper roll into the slot of the take-up spindle and rotate the spindle in the direction shown to secure the paper in the slot. (Figure 6-9)
7. Press take-up spindle back onto the drive mechanism and rotate to verify paper is secure to the take-up spindle. (Figure 6-10)
8. Close Control Door.

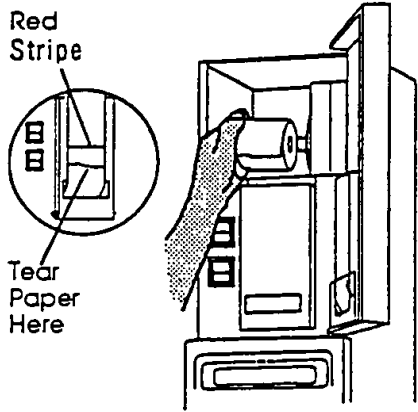


Figure 6-2. Remove Take-up Spindle

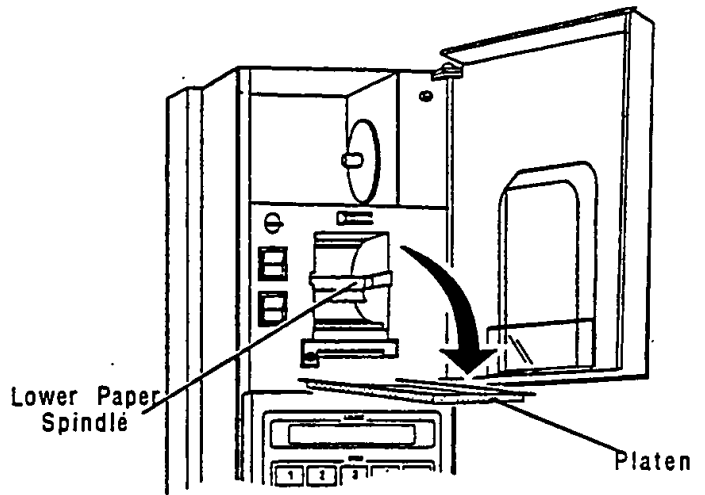


Figure 6-4. Remove Lower Spindle

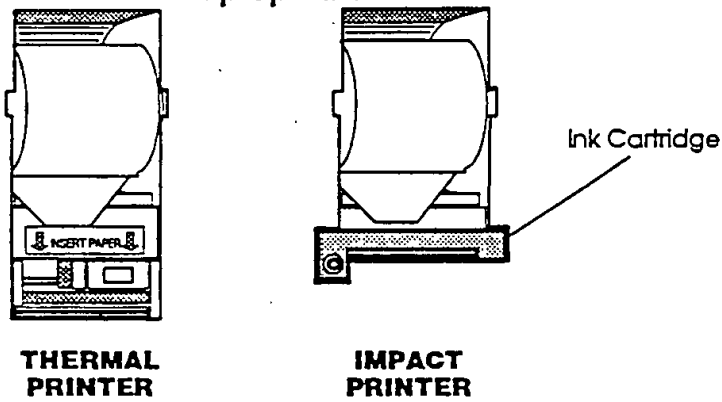
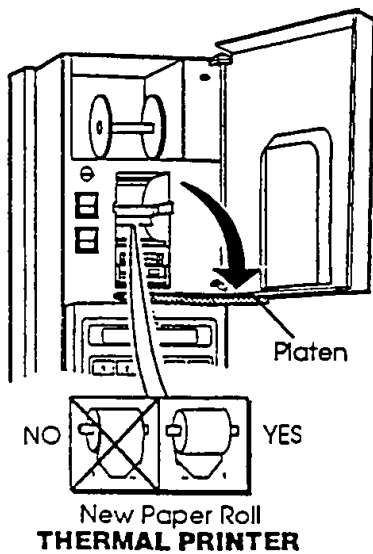
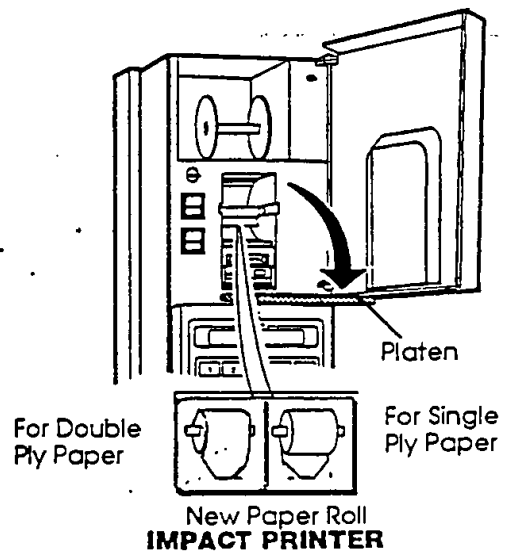


Figure 6-3. Identify Printer Type



New Paper Roll
THERMAL PRINTER



New Paper Roll
IMPACT PRINTER

Figure 6-5. Install New Paper Roll

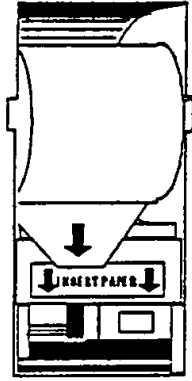


Figure 6-6. Paper Insertion - Thermant Printer

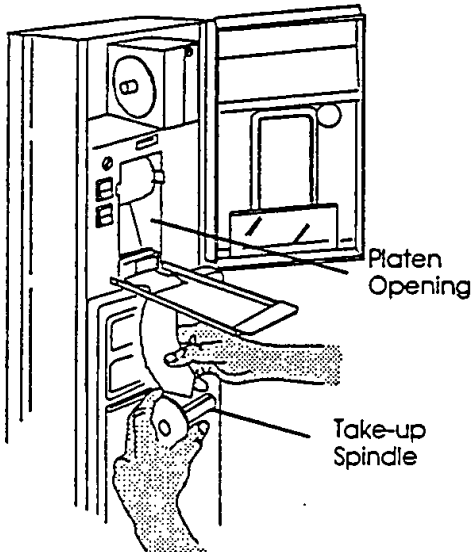


Figure 6-8. Insert Paper THROUGH Opening in Platen

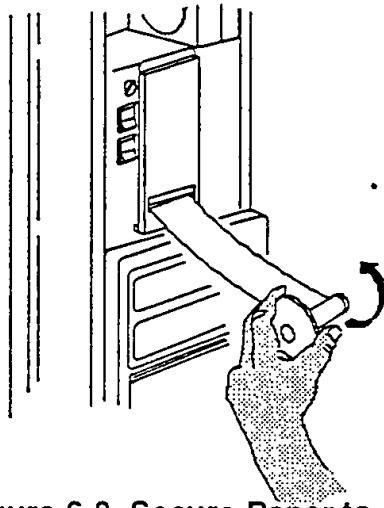


Figure 6-9. Secure Paper to Take-up Spindle

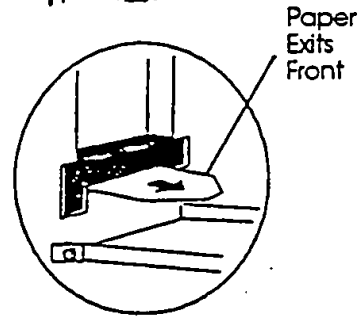
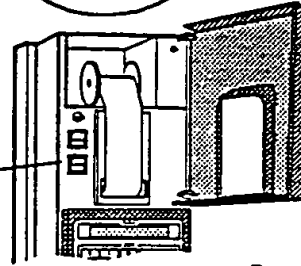
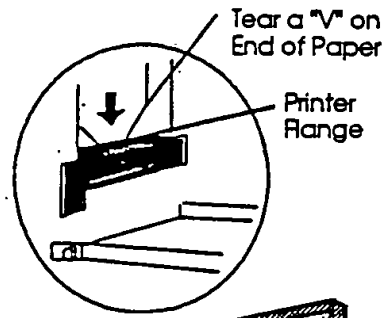


Figure 6-7. Paper Insertion - Impact Printer

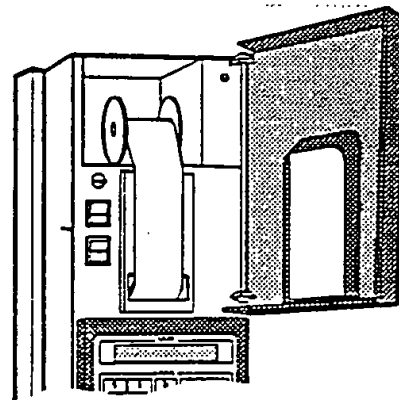


Figure 6-10. Reinstall Take-up Spindle

Changing Ink Cartridge

NOTE: For Impact printers only

1. Open control door. Tear paper just above platen opening as shown in Figure 6-1 and remove from top spindle.
2. Lower the platen. Press ink cartridge on the right side as shown in Figure 6-11. Slide used cartridge off end of paper.
3. Insert paper between ribbon and plastic housing of the new ink cartridge. Install new ink cartridge, snapping it into position.
4. Attach paper to top spindle as described in Section Change Paper Roll.

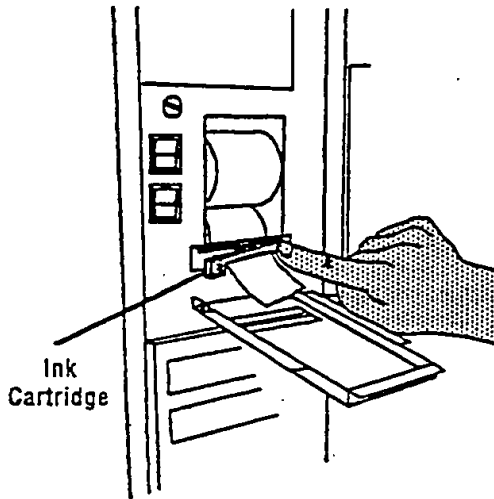


Figure 6-11. Change Ink Cartridge

Storing Thermal Paper

Thermal paper is subject to fading with time, humidity and exposure to light.

It is the manufacturer's recommendation that thermal paper be stored in a dark place with an average ambient temperature of less than 25°C (77°F) and a relative humidity less than 65%. Under these conditions, the paper remains readable for at least five years. It is recommended that if the printed data is to be retained for periods of time longer than five years (6-25 years), an additional photocopy should be made for record retention. In any case, a duplicate set of record should be maintained in the files of the engineering or maintenance departments.

Thermal paper begins to develop color at about 70°C (158°F), however, under humid conditions, it might begin to develop at an accelerated rate. If stored for 24 hours at 60°C (140°F), the paper show some signs of development. It also show signs of development if stored for 24 hours at 45°C (113°F) and a relative humidity of 90%.

Do not store thermal paper next to other chemically treated papers—such as pressure sensitive paper or other type of recording round charts—as this may cause fading in print. If thermal paper is to be stored in the same area, always ensure it and other chemically treated papers are kept in separate envelopes.

Thermal paper discolors when exposed to direct sunlight.

Install Chamber Door Gasket

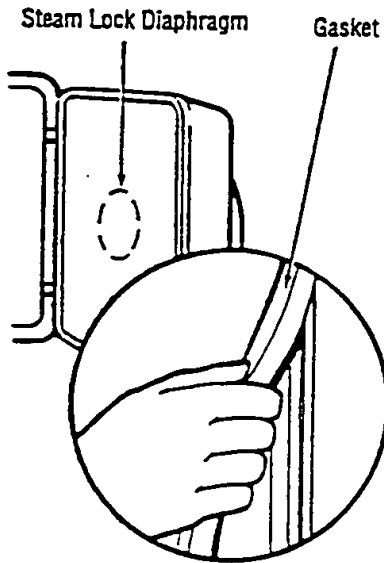


Figure 6-12. REPLACE SMALL STERILIZER DOOR GASKET

Small Sterilizer

1. Remove old gasket and clean groove. The groove must be completely free of debris.
2. Clean replacement gasket with a damp cloth and mark gasket at four equidistant points to represent corners.
3. Press gasket into the groove at the four corners, a short section at a time without stretching it while doing so.
 - Should gasket appear too long ...DO NOT CUT IT... start over again, compressing short sections into groove, until entire length is inserted.
 - NEVER USE SHARP TOOLS TO PUSH GASKET INTO GROOVE.
4. Spray the sealing surface of the door frame with Fluorocarbon Spray (P-752870-091; available from your local AMSCO representative) to prevent gasket from sticking.

Medium Sterilizer (refer to Figure 6-13)

1. Remove gasket bars and old gasket from door.
2. Clean door surface and gasket surface with AMSCO Pry Cleaner. Make certain that surfaces are free of foreign matter and excess cleaner.
3. Clean replacement gasket with a damp cloth and clean threads of the gasket bar screw holes.
4. Replace gasket bars; leave bars loose enough to allow gasket to be inserted.
5. Insert new gasket under gasket bars and tighten gasket bar retaining screws just enough to hold the gasket in place.
 - Do not compress gasket to any great extent in any one area.
6. Tighten gasket bars alternately until almost snug.
7. When gasket appears firmly seated under gasket bars and is flat on the door, tighten gasket bar retaining screws until snug. (Always ensure that screw heads are below surface of gasket bar.)
8. Spray the sealing surface of the door frame with Fluorocarbon Spray (P-752870-091; available from your local AMSCO representative) to prevent gasket from sticking.

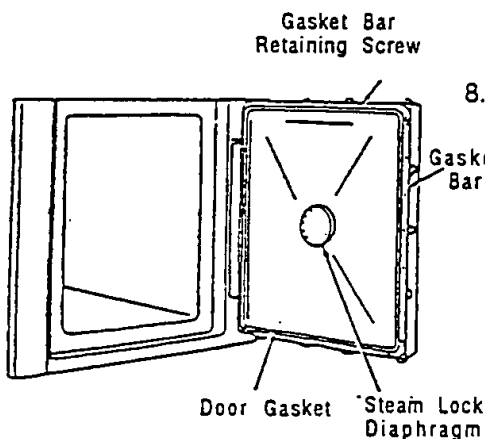


Figure 6-13. Replace Medium Sterilizer Door Gasket

⚠ WARNING - BURN HAZARD: Allow sterilizer, generator (if applicable) and accessories to cool to room temperature before performing any cleaning or maintenance procedures.

⚠ WARNING - BURN AND SHOCK HAZARD: Repairs and adjustments must be performed only by authorized persons fully acquainted with this equipment. Maintenance done by inexperienced, unqualified persons or the installation of unauthorized parts could cause personal injury or result in costly damage.

This section describes the types of sterilizer malfunctions likely to occur, and indicates probable causes. Use the following Troubleshooting Chart to identify problem and probable cause.

If you are unable to correct the problem with the use of this Troubleshooting Chart, or if a problem occurs not described on chart, please call your AMSCO representative. They will arrange to have your equipment promptly put into working order by a factory-trained representative. Never permit unqualified persons to perform service on the sterilizer.

Section Descriptions

Section 1 – Problems where the sterilizer has *no* alarm or printout.

Section 2 – Problems where alarm and printout occurs.

OPERATOR TROUBLESHOOTING CHART

PROBLEM	POSSIBLE CAUSE AND/OR CORRECTION
SECTION 1 No alarm or printout	
1. No power, display is blank.	<ol style="list-style-type: none"> 1. Check facility power source - turn ON. 2. Sterilizer Main Power switch OFF - turn ON. 3. Fuse in line filter (located in power input box) failed - replace. 4. Fuse in power supply failed - replace. 5. Power supply failed - replace. 6. Control board failed - replace.
2. Unable to select cycle.	<ol style="list-style-type: none"> 1. Chamber door(s) open - close and lock door(s). 2. Printer still printing - wait until printout completes. 3. Door switch faulty - replace. 4. Touch pad faulty - replace. 5. Incorrect dip switch settings on interface PC board. 6. Interface board failed - replace.

PROBLEM	POSSIBLE CAUSE AND/OR CORRECTION
3. Steam leaks around door during sterilize phase.	<ol style="list-style-type: none"> 1. Door not fully closed - close. 2. Door gasket worn or defective - replace.
4. Wrapped goods are wet after completion of cycle.	<ol style="list-style-type: none"> 1. Dry time too short for load type - increase setting. 2. Improper loading/packing techniques used - refer to AMSCO Technique Manual, MK-2085, supplied with sterilizer. 3. Improper utilities supplied to unit (steam pressure and quality, water pressure and volume) - correct. 4. Faulty jacket trap - replace. 5. Faulty vacuum system on sterilizer - repair. 6. Faulty air inlet popping component (check valve or solenoid valve) - repair. 7. Vacuum leak in sterilizer - repair.
5. Water in chamber.	<ol style="list-style-type: none"> 1. Drain line strainer plugged - clean. 2. Faulty chamber trap - replace. 3. Sterilizer not level - relevel (refer to installation notes). 4. Faulty vacuum system on sterilizer - repair.
6. Steam generator does not produce steam (units equipped with steam generator only).	<ol style="list-style-type: none"> 1. No water supply to generator - turn on supply. 2. 3 phase power off - turn ON. 3. Fuse failure in generator - replace. 4. Faulty water supply solenoid or generator - repair. 5. Faulty water level control system - repair.
7. Unable to open door at end of cycle.	<ol style="list-style-type: none"> 1. Faulty air inlet check valve - replace.
8. Printing defect appears consistently in the same column.	<ol style="list-style-type: none"> 1. Printing errors of this type may be caused by debris trapped on the print head - with no paper in the printer, insert a one inch wide strip of bond type paper or equivalent with a good "tooth" under the print head. Move the paper using both linear and circular motions. Doing this should dislodge any debris on the print head.
9. Display shows: COMMUNICATION TO HOST HAS BEEN LOST.	<ol style="list-style-type: none"> 1. Control board failed - replace. 2. Power supply failed - replace. 3. Eprom failed - replace. 4. RAM failed - replace. 5. Loose harness connector between boards.

PROBLEM	POSSIBLE CAUSE AND/OR CORRECTION*
<p>10. Display shows time: XX:XX:80 Time shown on Display and Print out does not change. Seconds are shown as ":80"</p>	<p>1. Time function was turned off at factory to preserve RAM battery. Enter Change Values procedure (Section 4 in the Operating Procedure manual), and follow Change Time and Date instructions to set correct time. Once time is set, clock begins functioning.</p>

SECTION 2
Alarm and printout

**NOTE: All alarms below (except for "INVALID VALUE SET") will sound an audible alarm. This alarm can be silenced by pressing 1, 2, 3, or 4 Cycle Selector touch pad. "ALARMS" can be cleared by pressing the Reset touch pad. "ALARMS" accompanied by "COMPONENT FAILURE" printout can be cleared only by turning OFF/ON the Control Power switch. If the "COMPONENT FAILURE" still exists after turning the Control Power switch OFF/ON, the sterilizer must be repaired prior to placing it back in operation.*

<p>11. Printer prints: * ALARM TOO LONG IN EVACUATION (Prevac cycle only)</p>	<ol style="list-style-type: none"> 1. Leak around door - tighten. 2. Water supply valve not open - open valve. 3. Insufficient water pressure - correct (proper range: 30-50 psig) dynamic. 4. Chamber drain line strainer plugged - clean. 5. Chamber overloaded - reduce load size. 6. Faulty door gasket - replace. 7. Faulty check valve CK1, CK5 or CK2 (24x36 unit only) - replace. 8. Faulty water solenoid valve S4, S7 - repair. 9. Faulty water ejector - replace. 10. Faulty heat exchanger (24x36 unit only) - replace.
<p>12. Printer prints: * ALARM TOO LONG IN CHARGE</p>	<ol style="list-style-type: none"> 1. Steam supply hand valve not open - open valve. 2. Steam supply less than 50 psig (3.52 kg/sq. cm) dynamic - check supply pressure and increase if necessary. (Proper steam supply range: 50 to 80 psig.) 3. Steam control valve (HI-LO valve) faulty - repair. 4. Faulty chamber steam trap - repair. 5. Faulty steam control valve - repair. 6. Faulty steam-to-chamber solenoid valve - repair. 7. Faulty steam-to-jacket solenoid valve - repair. 8. Control requires recalibration - recalibration must be performed by qualified service technician.

PROBLEM	POSSIBLE CAUSE AND/OR CORRECTION*
<p>13. Printer prints:</p> <p>* ALARM TOO LONG IN STERILIZE</p> <p>status...</p> <p>Display alternates between: COMPONENT FAILURE</p> <p>and</p> <p>* ALARM</p>	<p>This alarm occurs if the sterilize phase has lasted longer than sterilize set time plus 15 minutes. (This can occur if continued Undertemp or Overtemp alarms occur.)</p> <ol style="list-style-type: none"> 1. Constant bleed not set correctly - readjust. 2. Drain clogged - clean. 3. See problems 14,15 and 16.
<p>14. Printer prints:</p> <p>* UNDERTEMP</p> <p>and Display shows:</p> <p>STERILIZE UNDERTEMP</p> <p><i>Note: Printer will print the minimum temperature reached during the sterilize phase.</i></p>	<ol style="list-style-type: none"> 1. Loss of steam pressure - correct (50 to 80 psig is to be supplied). 2. Water supplied to steam generator is less than 60°C (140°F). This can cause a momentary drop in generator steam pressure when cold make up water is fed into the unit. (Note - applies to generator equipped units only.) 3. Insufficient jacket pressure (18 to 20 psig needed for 121°C [250°F] cycle, 28 to 32 for 132°C [270°F] cycle). 4. Faulty chamber steam trap - replace. 5. Faulty steam-to-chamber S2 valve - replace.
<p>15. Printer prints:</p> <p>* OVERTEMP</p> <p>and Display shows:</p> <p>STERILIZE OVERTEMP</p> <p><i>Note: Printer will print the maximum temperature reached during the sterilize phase.</i></p>	<ol style="list-style-type: none"> 1. Jacket pressure too high - correct. 2. Faulty steam-to-chamber solenoid valve - repair. 3. Failure in control - repair must be performed by qualified service technician.
<p>16. Printer prints:</p> <p>* STEAM TABLE DEVIATION</p> <p>status.....(present pressure & temperature in chamber)</p> <p>COMPONENT FAILURE</p> <p>and</p> <p>* ALARM</p>	<p>This alarm occurs if the pressure and temperature do not match the steam table.</p> <ol style="list-style-type: none"> 1. Constant bleed not set correctly - readjust. 2. Loose connection to temperature probe - repair or replace. 3. Either the chamber drain or chamber reference probe (optional) has failed - replace. 4. Control requires calibration - calibration must be performed by a qualified service technician. 5. Absolute atmospheric pressure value has not been entered or is not accurate - enter in the actual absolute atmospheric pressure. (see pressure calibration. 6. Absolute atmospheric pressure value is not available and actual atmospheric pressure differs significantly from 14.7 psia - contact AMSCO service.

PROBLEM	POSSIBLE CAUSE AND/OR CORRECTION*
17. Printer prints: * ALARM TOO LONG IN FAST EXHAUST	<ol style="list-style-type: none"> 1. Clogged drain line strainer - clean. 2. Faulty chamber exhaust solenoid valve - repair. 3. Faulty steam-to-chamber solenoid valve - repair.
18. Printer prints: * ALARM TOO LONG IN AIR BREAK	<ol style="list-style-type: none"> 1. Plugged filter - replace filter element. 2. Faulty air inlet check valve - replace. 3. Faulty filtered air solenoid - repair. 4. Faulty steam-to-chamber solenoid valve - repair. 5. Control requires recalibration - recalibration must be performed by a qualified service technician.
19. Printer prints: * ALARM TOO LONG IN SLOW EXHAUST (Liquid cycle only)	<ol style="list-style-type: none"> 1. Incorrect setting of slow exhaust needle valve - reset. 2. Slow exhaust needle valve clogged - clean. 3. Control requires recalibration - recalibration must be performed by qualified service technician.
20. Printer prints: * ALARM TOO LONG IN VENT	<ol style="list-style-type: none"> 1. Chamber drain line strainer clogged - clean. 2. Faulty steam-to-chamber solenoid valve - repair.
21. Printer prints: VACUUM SYSTEM FAILURE status. . .	<p>This will occur if there is a leak in the chamber, or the vacuum system has failed.</p> <ol style="list-style-type: none"> 1. Leak around door - tighten. 2. Chamber drain line strainer plugged - clean. 3. Faulty door gasket - replace. 4. Insufficient water pressure - correct (30-50 psig required). 5. Faulty check valve - replace. 6. Faulty water solenoid valve - repair.
22. Printer prints: * DOOR OPEN * ABORT * ALARM PRESSURE IN CHAMBER WITH DOOR UNLOCKED	<ol style="list-style-type: none"> 1. Door switch has opened during a cycle - check switch adjustment or replace switch. 2. Control requires recalibration - recalibration must be performed by qualified service technician. 3. Failure in control - repair must be performed by qualified service technician.

PROBLEM	POSSIBLE CAUSE AND/OR CORRECTION*
<p>23. Display shows: INVALID VALUE SET SEE OPERATORS MANUAL <i>Note: The printer does not print any information during this situation.</i></p>	<ol style="list-style-type: none"> 1. An invalid setting has been selected during the Change Values procedure, refer to the Change Values Procedure section in the Operating Procedure manual for valid settings.
<p>24. Printer prints: *ALARM FAILURE READING TEMP Display alternates between: COMPONENT FAILURE and *ALARM</p>	<ol style="list-style-type: none"> 1. Loose connection to temperature probe - repair or replace. 2. Temperature probe has failed - replace. 3. Control requires calibration - calibration must be performed by a qualified service technician.
<p>25. Printer prints: * ALARM FAILURE READING PRESSURE Display alternates between: COMPONENT FAILURE and *ALARM</p>	<p>If this alarm occurs during Slow Exhaust phase, Chamber exhausting either to fast or too slow:</p> <ol style="list-style-type: none"> 1. Chamber trap stuck open - replace. 2. Loose connection to pressure transducer - repair or replace. 3. Pressure transducer has failed - replace. 4. Control requires calibration - calibration must be performed by a qualified service technician.
<p>26. Printer prints: * ALARM FAILURE READING TEMP/PRES Display alternates between: COMPONENT FAILURE and * ALARM</p>	<p>This alarm will occur if the control senses low pressure going into the sterilize phase. This alarm will also occur if there is pressure with a very low temperature.</p> <ol style="list-style-type: none"> 1. Temperature probe has failed - replace. 2. Pressure transducer has failed - replace. 3. Control requires calibration - calibration must be performed by a qualified service technician.
<p>27. Printer prints: *ALARM FAILURE READING LOAD Display alternates between: COMPONENT FAILURE and *ALARM (Sterilizer with Load probe ONLY)</p>	<ol style="list-style-type: none"> 1. Loose connection to temperature probe - repair or replace. 2. Temperature probe has failed - replace. 3. Control requires calibration - calibration must be performed by a qualified service technician.

PROBLEM	POSSIBLE CAUSE AND/OR CORRECTION*
28. Printer prints: *ALARM CHAMB/REF DEVIATION	This alarm occurs if the chamber and reference probes are 5° C (9° F) apart: 1. Loose connection to temperature probe - repair or replace. 2. Either the chamber drain or chamber reference probe has failed - replace. 3. Control requires calibration - calibration must be performed by a qualified service technician.
29. Printer prints: * WARNING PRESSURE IN CHAMBER	1. Cycle aborted with pressure in chamber - allow chamber to exhaust. 2. Steam-to-chamber valve failed - repair. 3. Control requires calibration - calibration must be performed by a qualified service technician.
30. Printer prints: * ALARM PRESSURE IN CHAMBER WITH DOOR UNLOCKED	This alarm will occur if the control senses pressure in the chamber, the sterilizer is not in cycle and door is unlocked. 1. Pressure transducer has failed - replace. 2. Steam-to-chamber valve failed - repair. 3. Control requires calibration - calibration must be performed by a qualified service technician.
31. Printer prints: *ALARM JACKET FLOODED Display alternates between: COMPONENT FAILURE and * ALARM	1. Water is present in the sterilizer jacket. This can occur due to the following: a. jacket trap failed closed. b. jacket strainer clogged. c. boiler/steam generator failure causing water to be fed to sterilizer through the steam piping. 2. A loose connection between the sterilizer control column and the jacket water sensor JWS. There are two wires connected to the JWS, in the event the plug is disconnected from the JWS, the alarm will occur. A loose plug connector at the back of the control column will also cause the same situation. 3. Faulty jacket water sensor JWS. 4. Faulty sterilizer control board. WARNING - BURN HAZARD: Prior to equipment repair, the following investigative steps must be followed and any water that is present in the jacket must be eliminated. <u>CLEARING ALARMS</u> WARNING - BURN HAZARD: Do not attempt to open the sterilizer door. CAUTION: Only a qualified service technician thoroughly familiar with sterilizer operation should perform these steps. 1. Press the Reset touch pad on the sterilizer control.

PROBLEM	POSSIBLE CAUSE AND/OR CORRECTION*
<p>32. Printer prints: *ALARM CHAMBER FLOODED Display alternates between: COMPONENT FAILURE and * ALARM (Pure steam sterilizer ONLY)</p>	<p>2. If the alarm clears, then the alarm may have been caused by a temporary flood condition due to a boiler/generator start up. Steam traps between the boiler/generator should be inspected and repaired where necessary. The sterilizer jacket strainer and trap should be inspected, cleaned and repaired where necessary.</p> <p>WARNING - BURN HAZARD: Do not service sterilizer steam trap or strainer until pressure in jacket has reached 0 psig and the sterilizer has reached room temperature. Piping may contain hot water so protective clothing and hand protection must be worn.</p> <p>3. If the alarm does not clear, the control is indicating there is water still present in the jacket. First inspect boiler/steam generator for signs of a failed water level control system (water in sight glass exceeding normal limit).</p> <p>If facility boiler - Contact facility maintenance department and inform them of need to service the boiler.</p> <p>If AMSCO supplied electric steam generator - turn generator electrical power off and close water supply valve to generator.</p> <p>In either case repair of boiler/generator must be done before sterilizer can be put back in operation.</p> <p>If the boiler/generator does not show signs of overfilling, then the alarm condition may have been caused by traps in the steam piping failing closed, or the jacket trap/strainer in the sterilizer failing closed. The sterilizer jacket strainer and trap should be inspected, cleaned and repaired where necessary.</p> <p>WARNING - BURN HAZARD: Do not service sterilizer steam trap or strainer until pressure in jacket has reached 0 psig and the sterilizer has reached room temperature. Piping may contain hot water so protective clothing and hand protection must be worn.</p> <p>4. If the jacket is clear of water and pressing the Reset touch pad still does not clear the alarm, then the fault may be:</p> <ol style="list-style-type: none"> loose wire or plug at the JWS jacket water sensor - repair as required. faulty JWS jacket water sensor - replace. faulty sterilizer control board - replace. <p>1. Water is present in the sterilizer chamber. This can occur due to the following:</p> <ol style="list-style-type: none"> chamber trap failed closed. chamber strainer clogged. boiler/steam generator failure causing water to be fed to sterilizer through the steam piping. <p>2. A loose connection between the sterilizer control column and the chamber water sensor (CWS). There are two wires connected to the CWS, in the event the plug is disconnected from the CWS, the alarm will occur. A loose plug connector at the back of the control column will also cause the same situation.</p>

PROBLEM	POSSIBLE CAUSE AND/OR CORRECTION*
	<p>3. Faulty jacket water sensor CWS.</p> <p>4. Faulty sterilizer control board.</p> <p>WARNING - BURN HAZARD: PRIOR TO EQUIPMENT REPAIR, THE FOLLOWING INVESTIGATIVE STEPS MUST BE FOLLOWED AND ANY WATER THAT IS PRESENT IN THE JACKET MUST BE ELIMINATED.</p> <p><u>CLEARING ALARMS</u></p> <p>WARNING - BURN HAZARD: Do not attempt to open the sterilizer door.</p> <p>CAUTION: Only a qualified service technician thoroughly familiar with sterilizer operation should perform these steps.</p> <p>1. Press the RESET touch pad on the sterilizer control.</p> <p>2. If the alarm clears, then the alarm may have been caused by a temporary flood condition due to a boiler/generator start up. Steam traps between the boiler/generator should be inspected and repaired where necessary. The sterilizer chamber strainer and trap should be inspected, cleaned and repaired where necessary.</p> <p>WARNING - BURN HAZARD: Do not service sterilizer steam trap or strainer until pressure in chamber has reached 0 psig and the sterilizer has reached room temperature. Piping may contain hot water so protective clothing and hand protection must be worn.</p> <p>3. If the alarm does not clear, the control is indicating there is water still present in the chamber. First inspect boiler/steam generator for signs of a failed water level control system (water in sight glass exceeding normal limit).</p> <p>If facility boiler - Contact facility maintenance department and inform them of need to service the boiler.</p> <p>If AMSCO supplied electric steam generator - turn generator electrical power off and close water supply valve to generator.</p> <p>In either case repair of boiler/generator must be done before sterilizer can be put back in operation.</p> <p>If the boiler/generator does not show signs of overfilling, then the alarm condition may have been caused by traps in the steam piping failing closed, or the jacket trap/strainer in the sterilizer failing closed. The sterilizer jacket strainer and trap should be inspected, cleaned and repaired where necessary.</p> <p>WARNING - BURN HAZARD: Do not service sterilizer steam trap or strainer until pressure in jacket has reached 0 psig and the sterilizer has reached room temperature. Piping may contain hot water so protective clothing and hand protection must be worn.</p>

PROBLEM	POSSIBLE CAUSE AND/OR CORRECTION*
	<p>4. If the chamber is clear of water and pressing the RESET touch pad still does not clear the alarm, then the fault may be:</p> <ol style="list-style-type: none"> a. loose wire or plug at the JWS jacket water sensor - repair as required. b. faulty JWS jacket water sensor - replace. c. faulty sterilizer control board - replace.
<p>33. Printer prints: * ABORT * WARNING PRESSURE IN CHAMBER Display alternates between SLOW EXHAUST and WARNING HOT LIQUIDS IN CHAMBER</p>	<p>This print will occur if the Reset touch pad is pressed when the sterilizer is in a Liquid cycle. This is a normal abort sequence and operator should refer to the Operating Procedure manual for handling of a hot liquids load.</p>
<p>34. Printer prints: INSUFFICIENT VAC. LEVEL TO PERFORM LEAK TEST</p>	<p>This alarm would occur only if a fault were present during a vacuum leak test, the vacuum fails to reach 20 inHg.</p> <ol style="list-style-type: none"> 1. Leak around door - tighten. 2. Chamber drain line strainer plugged - clean. 3. Faulty door gasket - replace. 4. Insufficient water pressure - correct (30-50 psig required). 5. Faulty check valve - replace. 6. Faulty water solenoid valve - repair.
<p>35. Printer prints: ** LOW BATTERY ** PLEASE REPLACE</p> <p>or</p> <p>LOSS OF MEMORY PLEASE REPROGRAM (8K RAM only)</p>	<p>These alarms will occur if the battery is bad or has been erased.</p> <ol style="list-style-type: none"> 1. Replace battery (8K ram). 2. Control requires calibration - calibration must be performed by a qualified service technician.

Control Parts List
AMSCO Scientific
Eagle 3000 Series
Sterilizer

(1-30-95)

P-387345-273 Rev.0

A WORD FROM AMSCO

This manual contains important information on spare parts. All operators and department heads are urged to carefully review and become familiar with the warnings, cautions and instructions contained in associated Operating Procedure and the Service and Maintenance Procedure. This sterilizer is specifically designed to process goods using only the cycles as specified in these manuals. If there is any doubt about a specific material or product, contact the manufacturer of the product for the recommended sterilization technique.

Service Information

A thorough preventive maintenance program is essential to safe and proper operation of this sterilizer. You are encouraged to contact AMSCO concerning our Preventive Maintenance Agreement. Under terms of this agreement, preventive maintenance, adjustments, and replacement of worn parts are done on a scheduled basis to assure equipment performance at peak capability and to help avoid untimely or costly interruptions. AMSCO maintains a nationwide staff of well-equipped, factory-trained technicians to provide this service, as well as expert repair services. Contact your AMSCO representative for details.

AMSCO carries a complete line of accessories for this unit to simplify, organize and assure sterility of the sterilization process. Instrument trays, Vantage and DEXTEX wraps and biological/chemical monitoring systems are all available to fulfill your facility's processing needs. An AMSCO representative will gladly review these with you.

Advisory

A summary of the safety precautions to be observed when operating this equipment can be found in the Operating Procedure and the Service and Maintenance Procedure. Do not operate the sterilizer until you have become familiar with this information.

This sterilizer is not designed to process flammable liquids nor liquids in containers that are not designed for sterilization. Any alteration of the sterilizer which affects its operation will void the warranty and could violate state and local regulations and jeopardize insurance coverage.

Control Parts List

The listing in this section is for replaceable parts that would be necessary to do maintenance on the Stage 3 Control.

DESCRIPTION	PART NUMBERS
Control Type	
Control: Standard Vertical Column	
Power Supply	P-136810-006 (2 board control)
Power Supply	P-93910-541 (single board control)
PC (Printed Circuit) Board, Control	P-146655-356 (w/2K RAM)
EPROM*	P-93913-XXX Rev. X
RAM (2K)	P-150828-625
Triac	P-129360-770
PC (Printed Circuit) Board, Control	P-146655-819 (w/8K RAM**)
RAM (8K)	P-129362-145
PC (Printed Circuit) Board Connector	P-146655-357
Fuse 3 amp	P-764317-778
Touch Pad Panel	P-136806-685
Motor, Paper Take-up	P-93909-399
Fuse, Line Filter (5 amp)	P-764317-463
Line Filter	P-93910-584
If Thermal Printer Equipped:	
Printer Assembly	P-93910-531
Printer only	P-755716-005
Paper (5 rolls)	P-129359-008
Control Interface Board	P-146655-598
If Impact Printer Equipped:	
Printer Head	P-338517-173
Printer Ink Cartridge	P-150828-440
Paper (single ply, 3 rolls)	P-764324-057
(double ply, 3 rolls)	P-150828-420
Printer Interface Board	P-338517-164
Control Interface Board	P-366065-409
If PID Valve(s) or Thermocouples equipped:	
PID/Thermocouple Board	P-146655-766

*NOTE: When ordering P-93913-XXX, Rev. X EPROMs refer to the part number on the label in the control column. If one control board is present, order one EPROM. If two control boards are present, order two EPROMs (part numbers may be different so check both EPROMs on the control boards).

**NOTE: The 8K RAM will fill all the pins in the socket (28 pins), The 2K RAM has only 24 pins.

DESCRIPTION

PART NUMBERS

Control: 3000SL & 3000SLH

PC (Printed Circuit) Board	P-1456655-819 (w/8K RAM**)
RAM (8K)	P-129362-145
Triac	P-129360-770
EPROM*	P-93913-XXX Rev. X
Line Filter (3000SL)	P-93910-584
Power Supply (3000SL)	P-136810-006
Line Filter (3000SLH)	P-93821-001
Power Supply (3000SLH)	P-93910-541
Override Control Board (3000SL CNLY)	P-146655-964
Fuse	P-93911-505
Triac	P-129360-770
Connector Board	P-356255-442
Fuse (3 amp)	P-764317-778

Impact Printer:

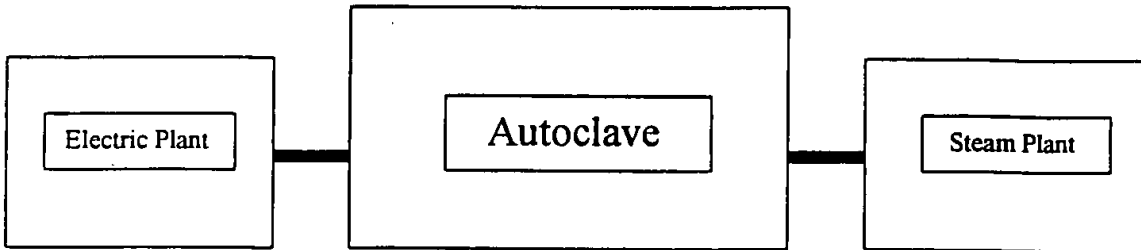
Printer Assembly	P-93911-459
Printer Head	P-93911-502
Printer Board	P-93911-561
Printer Interface Board	P-146657-025
Printer Ink Cartridge	P-150828-440
Paper (single ply, 3 rolls)	P-764324-057
(double ply, 3 rolls)	P-150828-420

*NOTE: When ordering P-93913-XXX, Rev. X EPROMs refer to the part number on the label in the control column. If one control board is present, order one EPROM. If two control boards are present, order two EPROMs (part numbers may be different so check both EPROMs on the control boards).

**NOTE: The 8K RAM will fill all the pins in the socket (28 pins), The 2K RAM has only 24 pins.

BASIC STEAM and ELECTRICAL POWER SCHEMATIC FOR TSRI AUTOCLAVES

Detailed information regarding the steam or electrical plant can be obtained by contacting
The Scripps Research Institute, Engineering Services.



**Manufacturer Operating Procedures,
Maintenance Schedules, and Schematics**

Autoclaves A6, A7, and A8

MEM

SPECIAL EQUIPMENT MANUAL

**24x36x48 PREVACUUM STERILIZER
MBM B300899-771**

(1-5-99)

P-387347-770

Rev. 0

Serial # 0103399-07

Prepared Especially For:

**SCRIPPS RESEARCH INSTITUTE
Poway, CA.**

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PROPRIETARY INFORMATION

*This document is the property of **STERIS Corporation**.
All information contained herein is confidential and proprietary and is not to
be disclosed to others without **STERIS Corporation** written permission.*

Operating Procedure

Eagle 3000 Series Prevacuum Sterilizers

(4-16-93)

P-387342-976 Rev. 1

A WORD FROM AMSCO

This manual contains important information on proper use of this sterilizer. All operators and department heads are urged to carefully review and become familiar with the warnings, cautions and instructions contained herein. This sterilizer is specifically designed to process goods using only the cycles as specified in this manual. If there is any doubt about a specific material or product, contact the manufacturer of the product for the recommended sterilization technique.

Service Information

A thorough preventive maintenance program is essential to safe and proper operation of this sterilizer. You are encouraged to contact AMSCO concerning our Preventive Maintenance Agreement. Under terms of this agreement, preventive maintenance, adjustments, and replacement of worn parts are done on a scheduled basis to assure equipment performance at peak capability and to help avoid untimely or costly interruptions. AMSCO maintains a nationwide staff of well-equipped, factory-trained technicians to provide this service, as well as expert repair services. Contact your AMSCO representative for details.

AMSCO carries a complete line of accessories for this unit to simplify, organize and assure sterility of the sterilization process. Instrument trays, Vantage and DEXTEX wraps and biological/chemical monitoring systems are all available to fulfill your facility's processing needs. An AMSCO representative will gladly review these with you.

Advisory

A summary of the safety precautions to be observed when operating this equipment can be found in Section 1 of this manual and behind the upper access panel of the unit. Do not operate the sterilizer until you have become familiar with this information.

This sterilizer is not designed to process flammable liquids nor liquids in containers that are not designed for sterilization. Any alteration of the sterilizer which affects its operation will void the warranty and could violate state and local regulations and jeopardize insurance coverage.

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SUMMARY OF WARNING AND CAUTIONS

1

The following is a summary of safety precautions to be observed when operating or servicing this unit. WARNINGS indicate the potential for danger to personnel, and CAUTIONS indicate the potential for damage to equipment. The precautions are repeated (in whole or part) where applicable throughout the manual. Carefully read all safety precautions before proceeding to use or service the unit.

WARNING!

- ⚠ EXPLOSION HAZARD:** This sterilizer is not designed to process flammable liquids.
- ⚠ BURN HAZARD:** When sterilizing liquids, to prevent personal injury or property damage resulting from bursting bottles and hot fluid, you must observe the following procedures:
 - Use LIQUID cycle only. No other cycle is safe for processing liquids.
 - Use only vented closures — do not use screw caps or rubber stoppers with crimped seal.
 - Use only Type I borosilicate glass bottles — do not use ordinary glass bottles or any container not designed for sterilization.
 - Avoid sudden full opening of door at end of cycle. Open sterilizer door no more than one inch and wait at least 10 minutes before unloading sterilizer.
 - Do not allow hot bottles to be jolted. This can cause hot-bottle explosions! Do not move bottles if any boiling or bubbling is present.
 - Allow bottles to cool to touch before attempting to move them from sterilizer shelf or tray(s) to the storage area.
- ⚠ SLIPPING HAZARD:** To avoid slippery floor conditions, immediately wipe up any spillage or condensation in sterilizer loading or unloading area(s).
- ⚠ BURN HAZARD:** Sterilizer and rack/shelves will be HOT after cycle is run. Always wear protective gloves and apron (also face shield if processing liquids) when loading or unloading the sterilizer.
- ⚠ BURN HAZARD:** Make sure chamber door is closed and locked before activating a manual cycle.
- ⚠ BURN HAZARD:** When operating a manual cycle with power off, the flood control system is not operational. During this time, a steam supply malfunction can cause the chamber to fill with scalding water. If the machine is operated manually:
 - Unlock the door slowly.
 - Retighten door if water leaks past the door gasket and call for service immediately.
 - Do not attempt to operate this sterilizer until repairs have been completed by a skilled, trained technician.
- ⚠ BURN HAZARD:** A steam supply malfunction, identified by an audible (warble tone) and visual alarm, can cause the sterilizer chamber to fill with scalding water.
 - Do not open the door.
 - Call for service immediately.

⚠ BURN HAZARD: Allow sterilizer, generator (if applicable) and accessories to cool to room temperature before performing any cleaning or maintenance procedures.

⚠ BURN AND SHOCK HAZARD: Repairs and adjustments must be performed only by authorized persons fully acquainted with this equipment. Maintenance done by inexperienced, unqualified persons or installation of unauthorized parts could cause personal injury or result in costly damage.

CAUTION!

⚠ Never use a wire brush, abrasives or steel wool on door and chamber assembly.

⚠ After installation, it is mandatory to brace piping at the drain funnel so that it will not move vertically.

COMPONENT IDENTIFICATION/FUNCTION

2

Become familiar with all control locations and functions before operating the sterilizer (see Figure 2-1).

- **Main Power Switch** - located behind the upper access door. This switch should be left on at all times.
- **Control Power Switch** - located behind the printer door. This switch enables control operation and the integral steam generator, if applicable.
- **Water Supply Valve** - located behind the upper access door, provides cold water supply to sterilizer; must be open for sterilizer operation.
- **Steam Supply Valve** - located behind the upper access door, provides steam supply to sterilizer; must be open for sterilizer operation.

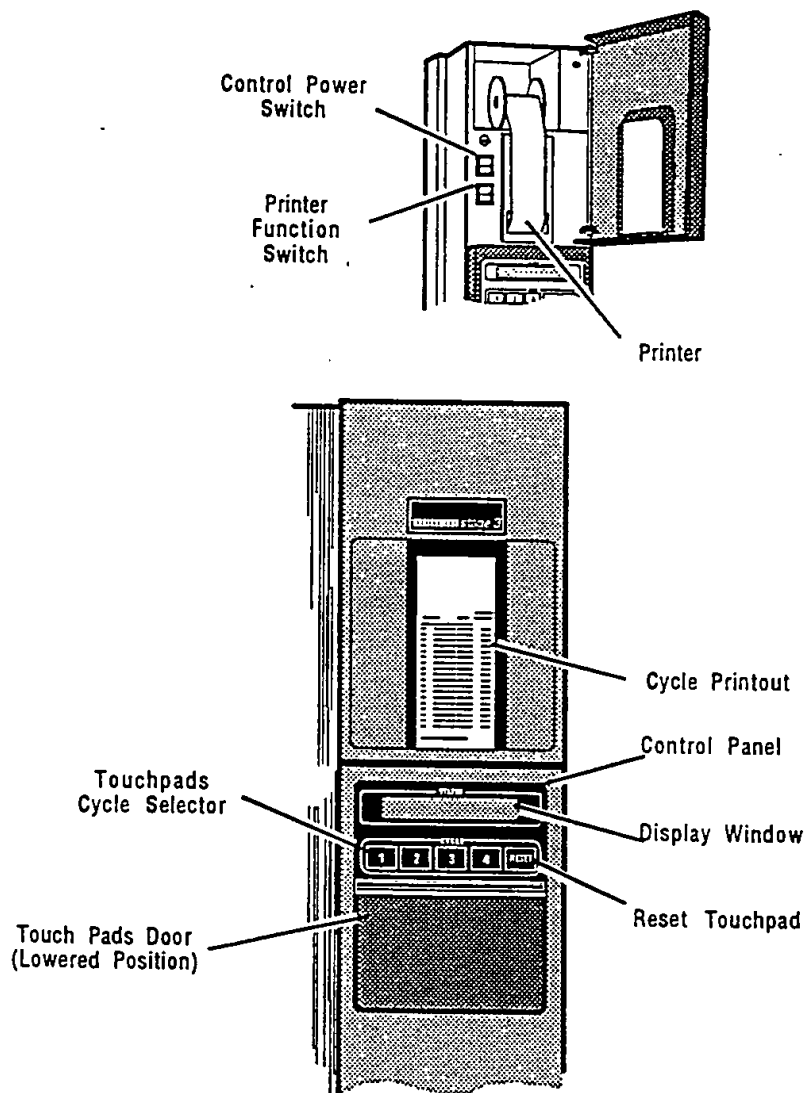


Figure 2-1. Control Locations

Printer

Refer to Figure 2-1. Printer records all cycle data on 2-1/4 inch wide single ply thermal paper. See Service and Maintenance Procedure for paper changing procedure.

- **Printer Function Switch** (located behind printer door) controls two printer functions:
 - **Print** - Press top of printer switch to obtain a complete duplicate printout of the last previously run cycle (when unit is not in cycle) or to obtain a printout of current cycle phase and conditions (when unit is in cycle).
 - **Print Values** - Press bottom of printer switch to obtain a printout of all currently set cycles and cycle values (when unit is not in cycle). When the unit is in cycle, the specific cycle values will be printed.

Operating End Control Panel

The operating end control panel is used to start cycles, set cycles and cycle values, and obtain status printouts..

- Cycles and cycle values can be **set** using the Values touch pads accessible when sliding door is in raised position.
- Cycles can be started or reset using the touch pads accessible when sliding door is in lowered position.
- Cycle status and control messages are shown on a 2 line x 20 character display.

When sterilizer is not in cycle and not in the READY mode, the display indicates a brief status of the sterilizer:

- DOOR UNLOCKED or
- Non-Operating End DOOR UNLOCKED, or
- BOTH DOORS UNLOCKED, or

shows the door(s) is locked and some **abnormal out-of-cycle condition** exists such as:

- PRESSURE IN CHAMBER

When not in cycle, door(s) is locked and the sterilizer is in the READY mode, the display alternately shows available cycle selections — (example)

STATUS	
1 = PREVAC	3 = GRAVITY
2 = PREVAC	4 = LIQUID

and the current time and chamber status.

STATUS	
TIME:	CT=(temp)
(time of day)	P=(pressure)

When cycle is in progress, display shows cycle status and information. In the event of an abnormal condition, the display and printer will alert the operator. See Section 8 for a full list of alarm conditions.

Cycle Selector Touch Pads

Four touch pads, numbered 1 through 4, are located below the display window. These touch pads are used to select the cycle to be run. The type of cycle that can be selected by the touch pad is shown on the display, next to the number of the pad. For example, 1=PREVAC (on the display) means that by pressing the #1 touch pad, a PREVACUUM cycle can be selected.

Pressing a Cycle Selector touch pad once selects the cycle and displays the sterilize time, sterilize temperature and dry time (if applicable) programmed for the selected cycle. Pressing the same touch pad twice, within five seconds, starts the selected cycle.

Reset Function

The Reset touch pad is used to abort a cycle and put the control into a known condition. See Figures 2-1 and 2-2 for location of this touch pad.

If you press the wrong Cycle Selector touch pad when starting a cycle, proceed as follows:

1. Press RESET touch pad to abort cycle. Display will show "— ABORT—" and the printer will record time RESET was pressed and will print "ABORT— (time of day)".
2. Wait until display shows "TIME: time of day".
3. Press appropriate touch pad for correct cycle. Printer will record cycle selected and unit will proceed through correct cycle.

Values Touch Pads

These touch pads are accessed by raising the sliding door located beneath the display window and Cycle Selector touch pads. The Values touch pads are used for changing cycle values and the control settings of the sterilizer. For more details on using these touch pads, see Section 4, Change Values Procedure.

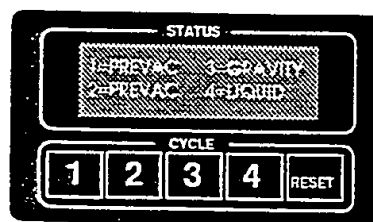


Figure 2-2. Non-operating End Control Panel

Non-Operating End Control Panel (Double-Door Sterilizers)

The non-operating end control panel features four Cycle Selector touch pads and a RESET touch pad (see Figure 2-2). Cycles can be started or reset using these touch pads. Non-operating end display window concurrently shows the same message as shown in display window on the operating end of the sterilizer.

NOTE: Cycle values cannot be changed from the non-operating end control panel.

Manual Door Operation

A handwheel operates locking and unlocking of the manual door. Door can be swung open or closed from the unlocked position:

- To open door from locked position - rotate handwheel counterclockwise as far as it will go using normal hand pressure and swing door open by hand. Turning handwheel to extreme left brings the ends of the holding arms inward so that they will not strike door frame when door is opened or closed.
- To close and lock door from open position - swing door closed by hand and rotate handwheel clockwise as far as it will go using normal hand pressure.

NOTE: If the door does not unlock at first, turn handwheel slightly clockwise, press the center black button, then again turn handwheel counterclockwise and open door.

⚠ WARNING - EXPLOSION HAZARD: This sterilizer is not designed to process flammable liquids.

⚠ WARNING - BURN HAZARD: When sterilizing liquids, to prevent personal injury or property damage resulting from bursting bottles and hot fluid, you must observe the following procedures:

- Use LIQUID cycle only. No other cycle is safe for processing liquids.
- Use only vented closures - do not use screw caps or rubber stoppers with crimped seal.
- Use only Type I borosilicate glass bottles - do not use ordinary glass bottles or any container not designed for sterilization.
- Avoid sudden full opening of door at end of cycle. Open sterilizer door no more than one inch and wait at least 10 minutes before unloading sterilizer.
- Do not allow hot bottles to be jolted. This can cause hot-bottle explosions! Do not move bottles if any boiling or bubbling is present.
- Allow bottles to cool to touch before attempting to move them from sterilizer cart to the storage area.

The information in this section is intended as a general guide to steam sterilization techniques. For a more detailed description of this subject, refer to AMSCO Techniques Manual (MK-2085) shipped to you with the sterilizer. (Contact AMSCO for another copy if you cannot locate your copy of this manual.)

General

Preparatory to sterilization, all materials and articles must be thoroughly cleaned. After sterilization, most goods should be stored for no longer than thirty days, depending on wrapping materials. For sterilization of articles or materials not covered in this section, contact the manufacturer of the article for the recommended procedure. Cycle times and temperatures not covered in this manual should always be validated for efficacy before processing loads.*

**For in-depth training, AMSCO offers a wide range of education/training programs designed to meet the educational needs of Scientific Industries. Contact AMSCO for details.*

Sterilizing Liquids: Use LIQUID Cycle Only

⚠ WARNING - EXPLOSION HAZARD: This sterilizer is not designed to process flammable liquids.

⚠ WARNING - BURN HAZARD: When sterilizing liquids, to prevent personal injury or property damage resulting from bursting bottles and hot fluid, you must observe the following procedures:

- Use LIQUID cycle only. No other cycle is safe for processing liquids.
- Use only vented closures - do not use screw caps or rubber stoppers with crimped seal.
- Use only Type I borosilicate glass bottles - do not use ordinary glass bottles or any container not designed for sterilization.
- Avoid sudden full opening of door at end of cycle. Open sterilizer door no more than one inch and wait at least 10 minutes before unloading sterilizer.
- Do not allow hot bottles to be jolted. This can cause hot-bottle explosions! Do not move bottles if any boiling or bubbling is present.
- Allow bottles to cool to touch before attempting to move them from sterilizer cart to the storage area.

IMPORTANT: Please read the following paragraphs before sterilizing any liquids in your sterilizer.

Your AMSCO sterilizer is designed to process liquids only when borosilicate containers with vented closures are used.

Borosilicate glass is required because it is a superior glass capable of resisting thermal shock. If glass not as thermally resistant is used, a greater potential for bursting exists.

Vented closures are required because, by design, they release internal pressure build-up by automatically venting the containers, whereas pressure in unvented containers remains until the contents have cooled. Examples of vented closures are shown in Figure 3-1.

Sterilizing liquids in any other type of container or with the use of non-vented closures requires a sterilizer specifically designed for that purpose.

When loading, place small bottles in a separate basket to minimize sliding. Always use side rails on the loading cart to prevent containers or baskets from falling off.

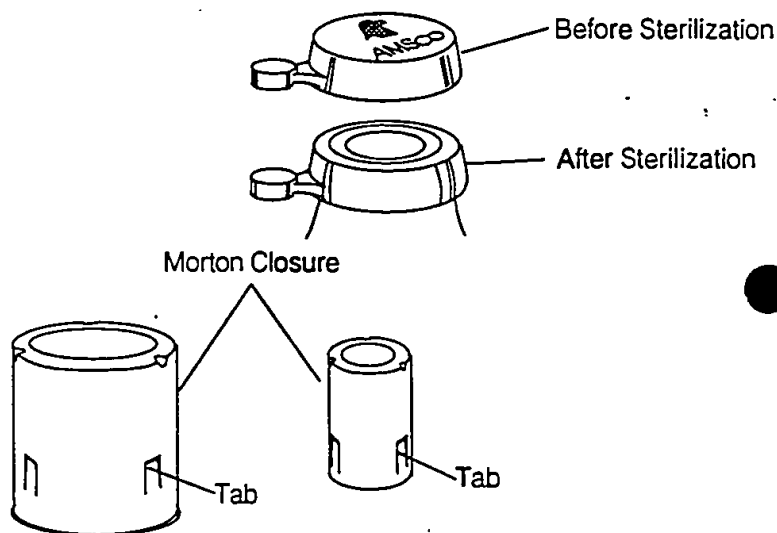


Figure 3-1. Vented Closures

Table 3-1. Minimum Recommended Exposure Times for Full Load of Autopour® Flasked Solutions

ASPF Size	Time (Minutes)	Temperature
75 ML	25	121°C (250°F)
250 ML	30	121°C (250°F)
500 ML	40	121°C (250°F)
1000 ML	45	121°C (250°F)
1500 ML	50	121°C (250°F)
2000 ML	55	121°C (250°F)

Table 3-2. Minimum Sterilization Exposure Period – Wrapped and Unwrapped Goods: Gravity Cycle Only

Items	Sterilize Time 121°C (250°F)	Sterilize Time 132°C (270°F)	Dry Time Minutes
Dressings, wrapped in muslin or equivalent	30	15	30*
Glassware, empty, inverted	15	3	0**
Instruments, metal combined with suture, tubing or other porous materials (unwrapped)	20	10	0**
Instruments, wrapped in double thickness muslin or equivalent	30	15	30*
Linen packs (maximal size: 12x12x20", maximum weight 12 pounds)	30	25	30*
Treatment trays wrapped in muslin or equivalent	30	15	30*
Utensils, unwrapped	15	3	0**
Utensils, wrapped in muslin or equivalent	30	15	30*

*Dry time can vary for wrapped goods depending on pack density, instrument tray weight, pack preparation technique including type of wrapping material used, and sterilizer loading procedures (refer to AMSCO Techniques Manual).

**Dry time is not required for unwrapped goods, however, a dry time of one or two minutes will help reduce excess steam vapor when opening chamber door at end of cycle.

Table 3-3. Steam Sterilization Cycles - Prevacuum Cycles Only

Temperature	Exposure Time (Minutes) (recommended minimum)	Dry Time (recommended minimum)
132-134°C (270-274°F)	4 minutes	20 minutes

Control Measures For Verifying Sterilization Process

Biological Monitors

The best way to ascertain the sterility of an article or to verify the sterilization process is to use a biological monitor.

A live spore test utilizing *B. stearotherophilus* is the most reliable form of biological monitoring. AMSCO recommends that Proof Dual-Pack® or products such as AMSCO's Proof Plus® and Spordex® be used daily to test the sterilizer. These products utilize controlled populations of a controlled resistance so that survival time and kill time can be demonstrated. Steam sterilizers should be tested at least weekly, preferably daily, to minimize the impact of a possible recall. Insert the Proof Plus or Spordex in a test pack and place pack at the bottom front of the rack. Proof Dual-Pack, Proof Plus and Spordex are available from your local AMSCO representative.

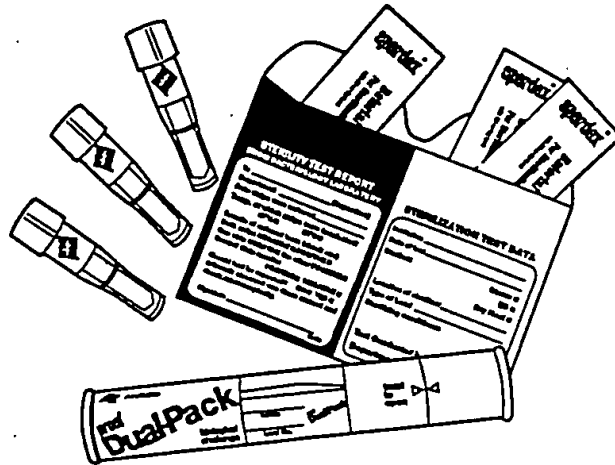


Figure 3-2. Biological Monitors

Testing For Prevacuum Efficiency

The first prevacuum cycle of each day should be used to test the adequacy of air removal from the chamber during the prevacuum phase, so that when steam is subsequently admitted, its penetration of the load may be virtually instantaneous. It is not a test for adequate exposure to heat in terms of time-at-temperature.

Tests such as the Bowie-Dick or the AMSCO DART® (Daily Air Removal Test)* are designed to expose the pattern or document the removal of residual air from a sample challenge load.

In the case of the Bowie-Dick, following exposure in a prevacuum sterilizing cycle, the pack is opened, the tape examined and conclusions are drawn as to the pattern of residual air, if any, that remained in the pack during the sterilizing cycle.

*Available from your AMSCO representative.

AMSCO recommends a Daily Air Removal Test (DART) or a test package. AAMI Standard test package consist of 24 towels approximately 36x36" (457x838 mm) folded three times to give six layers of fabric, forming an approximate size of 8-1/2x11" (914x914 mm) Towel material is a coarse, absorbent, durable cotton (OR towel). Stack towels, placing a single Chemdi Daily Record Sheet* between the twelfth and thirteenth towel. Wrap towels in two double thickness 36x36" (914x914 mm) muslin wrappers and secure with tape. Place the DART or pack positioned on its back, on the lower rack near the chamber drain. Acceptable results are achieved if all of the indicator bars on the DART or the Daily Record Sheet show a complete color change. If desired, record and file with daily printed record.

NOTE: With the DART (Daily Air Removal Test) product, a simple color change from yellow to black of the six (6) indicator bars verifies that air has been removed from the challenge load area of the DART product.

Chemical Controls

1. **Sterilizer Tape** - used for securing wrapper/package ... serves only as an index of exposure to the sterilant system.
2. **Chemical Indicator** - such as AMSCO's Chemdi Steam Indicator Strips*. Placed in center of pack/package... indicates physical conditions of temperature, time, moisture have been reached in that portion of the pack/package.

*Available from your AMSCO representative.

**Table 3-4. Selected Supply Products
For Use With Eagle 3000-S Series Sterilizers**

Description	Package Size	Reorder No.
Proof Dual Pack Biological Indicators	Case of 40*	NA125
Proof Plus Biological Indicators	Box of 100*	NA052
Dart Daily Air Removal Test	Box of 50*	NB113
Chemdi Steam Indicators	Box of 250*	NB001
Steam Autoclave Tape, 3/4"	Case of 48 Rolls*	NB202
Eaglepac Self Seal Pouch, 5-1/4" x 10"	Case of 1000*	NE403
Blue Seal II Peel Pouch, 4" Roll Tubing	Case of 10 Rolls*	NZ307
Solution Flask, 1000 ml	Case of 10*	NC608
Disposable Flask Closures	Bag of 100	NC003

*Other package and/or product sizes available.

The following values are defaulted when changing cycle skeletons.

Prevacuum Cycle

STER TEMP (sterilize temperature)	=	132°C or 270°F
STER TIME (sterilize time)	=	04:00
DRY TIME (dry time)	=	05:00
DRY VAC (dry vacuum point)	=	10.0 inHg or 0.34 bar vacuum
PULSES (number of vacuum pulses)	=	4
P1 (pulse pressure point)	=	26.0 psig or 1.79 bar pressure
V1 (pulse vacuum point)	=	10.0 inHg or 0.34 bar vacuum
P1 HOLD (time pressure held at P1)	=	0:00
V1 HOLD (time vacuum held at V1)	=	0:00
PURGE (purge)	=	1:00
OVERDRIVE (overdrive)	=	1.5°C or 3.0°F
OVERTEMP (over temperature)	=	6.0°C or 12.0°F
UNDERTEMP (under temperature)	=	1.0°C or 2.0°F
PRINT INT (print interval)	=	2 minutes

Gravity Cycle

STER TEMP (sterilize temperature)	=	132°C or 250°F
STER TIME (sterilize time)	=	15:00
DRY TIME (dry time)	=	30:00
DRY VAC (dry vacuum point)	=	10.0 inHg or 0.34 bar vacuum
PURGE (purge)	=	1:00
OVERDRIVE (overdrive)	=	1.5°C or 3.0°F
OVERTEMP (over temperature)	=	6.0°C or 12.0°F
UNDERTEMP (under temperature)	=	1.0°C or 2.0°F
PRINT INT (print interval)	=	2 minutes

Liquid Cycle

STER TEMP (sterilize temperature)	= 121°C or 250°F
STER TIME (sterilize time)	= 45:00
PURGE (purge)	= 1:00
OVERDRIVE (overdrive)	= 1.5°C or 3.0°F
OVERTEMP (over temperature)	= 6.0°C or 12.0°F
UNDERTEMP (under temperature)	= 1.0°C or 2.0°F
PRINT INT (print interval)	= 2 minutes

Introduction

Eagle 3000 Series sterilizers have factory set cycles, cycle values and control values programmed into the control. If necessary, preset values can be changed to suit the operating environment in which the sterilizer has been placed.

The Change Values procedure is used to adjust the preset values and allow control over the operating style of the sterilizer. Most of the selections in the Change Values procedure, except the ability to correct the time and date and set up the auto utility control function, can be secured (or "locked out") using a supervisor's access code.

Making Changes

NOTE: The following procedures cover the adjustment of cycles, cycle values and control values as they are displayed during the Change Values procedure by the sterilizer.

All changes are made to displayed settings using a cursor. The cursor is a blinking digit or word on the display. Move the cursor right or left by pressing the arrow touch pad for the appropriate direction (to move left, press the touch pad pointing left, to move right press the touch pad pointing right).

Press CHANGE VALUES touch pad to move the cursor on the display to the first value to be changed. On displays with more than one line of value information, the cursor can be moved from the last number on one line to the first number on the next using the right arrow touch pad.

NOTE: It is often not possible to back up to a previous option or setting.

To change the digit or setting displayed, press the up or down arrow touch pad. Usually pressing the up arrow touch pad increases the value of a blinking digit by one, pressing the down arrow touch pad decreases the displayed value by one. If the cursor is on a cycle name (such as GRAVITY), the cycle type can be changed by pressing the up or down arrow touch pad. The up and down arrow touch pads are also used to change NO to YES (or YES to NO).

The procedures given below will provide more details for these kinds of changes.

- Any step in the Change Values procedure can be left unchanged (i.e., skipped over) by pressing the CHANGE VALUES touch pad.
- Pressing SAVE VALUES touch pad at any time causes the sterilizer to leave the Change Values procedure and save any changes made to the point where SAVE VALUES was pressed.
- A printout of all cycle and control values is provided upon leaving the Change Values procedure. Press RESET touch pad if you wish to cancel the printout.
- Pressing RESET touch pad alone causes the sterilizer to leave Change Values procedure without saving any changes that have been made. Printer records time and date RESET was pressed.

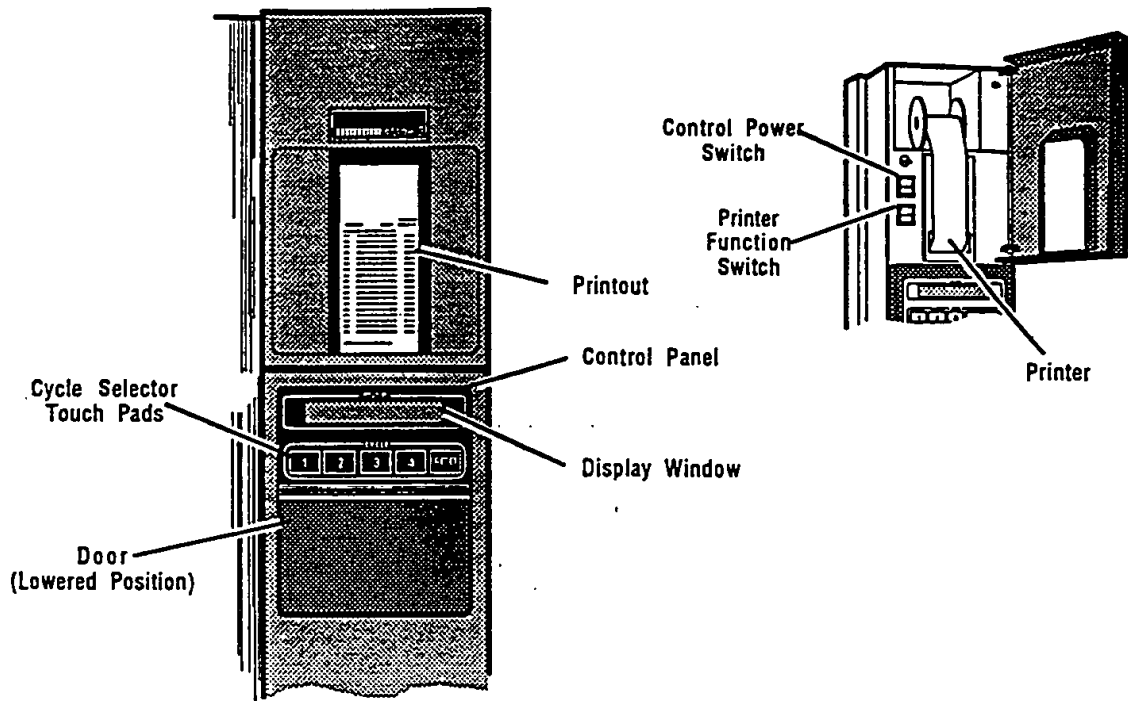
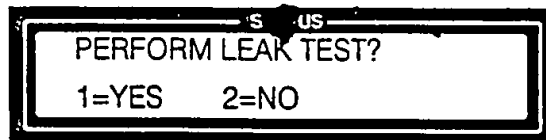


Figure 5-1. Control Locations

Accessing Change Values Procedure

If the sterilizer is off, follow the steps listed below to access the Change Values procedure.

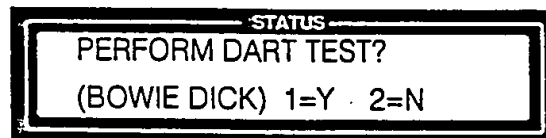
1. Open the printer door and position the Control Power Switch to POWER (see Figure 5-1).
2. The following message appears on the display each time the sterilizer is turned on:



Press Cycle Selector #1 touch pad to run the leak test cycle, or press #2 touch pad to bypass the leak test cycle.

NOTE: At least one leak test should be run on a sterilizer each week. Refer to Section 5, Sterilizer Operation, for a detailed description of a Leak Test cycle.

Once the leak test has been bypassed or run, the following display appears:



Press Cycle Selector #1 touch pad to run the DART test, or #2 touch pad to bypass the test.

NOTE: At least one DART test should be run each day the sterilizer is used for processing cycles. Refer to Section 5, Sterilizer Operation, for a detailed description of a DART Test cycle.

- Once the DART test has been run or bypassed, raise the sliding door on the control panel and press the CHANGE VALUES touch pad when cycle menu is shown on the display .

```

* CONTROL OFF 9:11:50A
              7/09/93
* CONTROL ON  9:13:31A
              7/09/93
*****
*      EAGLE 3000      *
* VACAMATIC STERILIZER *
*   MADE IN U.S.A.   *
*****
* NOT READY 9:13:35A
DOOR UNLOCKED
-----
* CHANGE VALUE 9:14:20A
  
```

If the sterilizer is on, simply raise the sliding door on the control panel and press the CHANGE VALUES touch pad when cycle menu is shown on the display .

The printer records the time and date that the Change Values procedure is accessed (see Figure 5-2), and the display for adjusting time and date appears in the sterilizer's display window.

Refer to Table 4-1 and Figure 5-4 for the selections available and their order of appearance in the Change Values procedure.

Figure 5-2. Printout Example

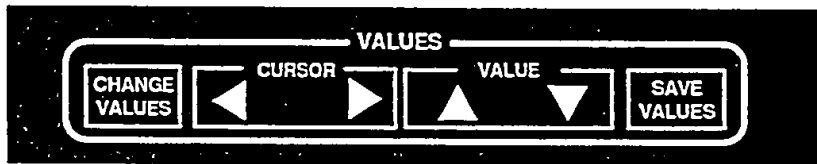


Figure 5-2. Values Touch Pads

Table 5-1. Change Values Selections

GENERAL	
Time and Date	The time and date displayed by the sterilizer can be adjusted when necessary.
CYCLE AND CYCLE VALUES	
Cycles and Cycle Values	<p>The cycles normally displayed and ready for use by the sterilizer can be changed. The values (Sterilize Time and Temperature, and Dry time) for each cycle can be adjusted.</p> <p><i>NOTE: Cycles can be secured against change by unauthorized personnel using the Access Code function (see below).</i></p>
CONTROL VALUES	
Auto Utility Control	This setting permits the operator to program the sterilizer to automatically shut off its steam and water at the end of the work day, to conserve utilities. The number of work days in a week, shut down and power up times can be programmed.
Automatic Duplicate Print	Sterilizer can be set to automatically furnish a duplicate printout of each cycle at the end of the cycle. First line will always read "DUPLICATE PRINT..." and complete printout of cycle data will be furnished.
Time Units	This setting allows the control to display times using either standard AM/PM format or 24 hour format.
Date Format	The sterilizer can be programmed to change the way the date is displayed and printed. The normal setting is to display Month/Day/Year (M/D/Y); but this can be changed to Year/Month/Day (Y/M/D), or Day/Month/Year (D/M/Y).
Access Code	An access code can be programmed into the control, limiting access to locked out cycles and most control settings. Once the access code has been set, the full number of available cycles can be locked-out, making them unavailable for change by an operator without entering the Access Code first. Time and Date and Auto Utility Control settings can be adjusted even if the Access Code is being used.
Complete Tone	Normally, a pulsing alarm tone sounds at the completion of a cycle. The sterilizer can be set so that the alarm tone does not sound when cycle is complete.
After Undertemperature	This setting is used to program the sterilizer to respond in the event of an undertemperature alarm. The Restart option resets sterilize phase time to its full length and restarts the phase, once the alarm has been cleared. When the Resume option is selected, the sterilizer continues the sterilization phase, running for the amount of time remaining when the alarm occurred.
P3 Setpoint <i>(units without Optimal Solution Cooling ONLY)</i>	This setting determines the pressure when the Fast Exhaust valve opens during the exhaust phase of Liquid cycles or when the Vent phase begins.

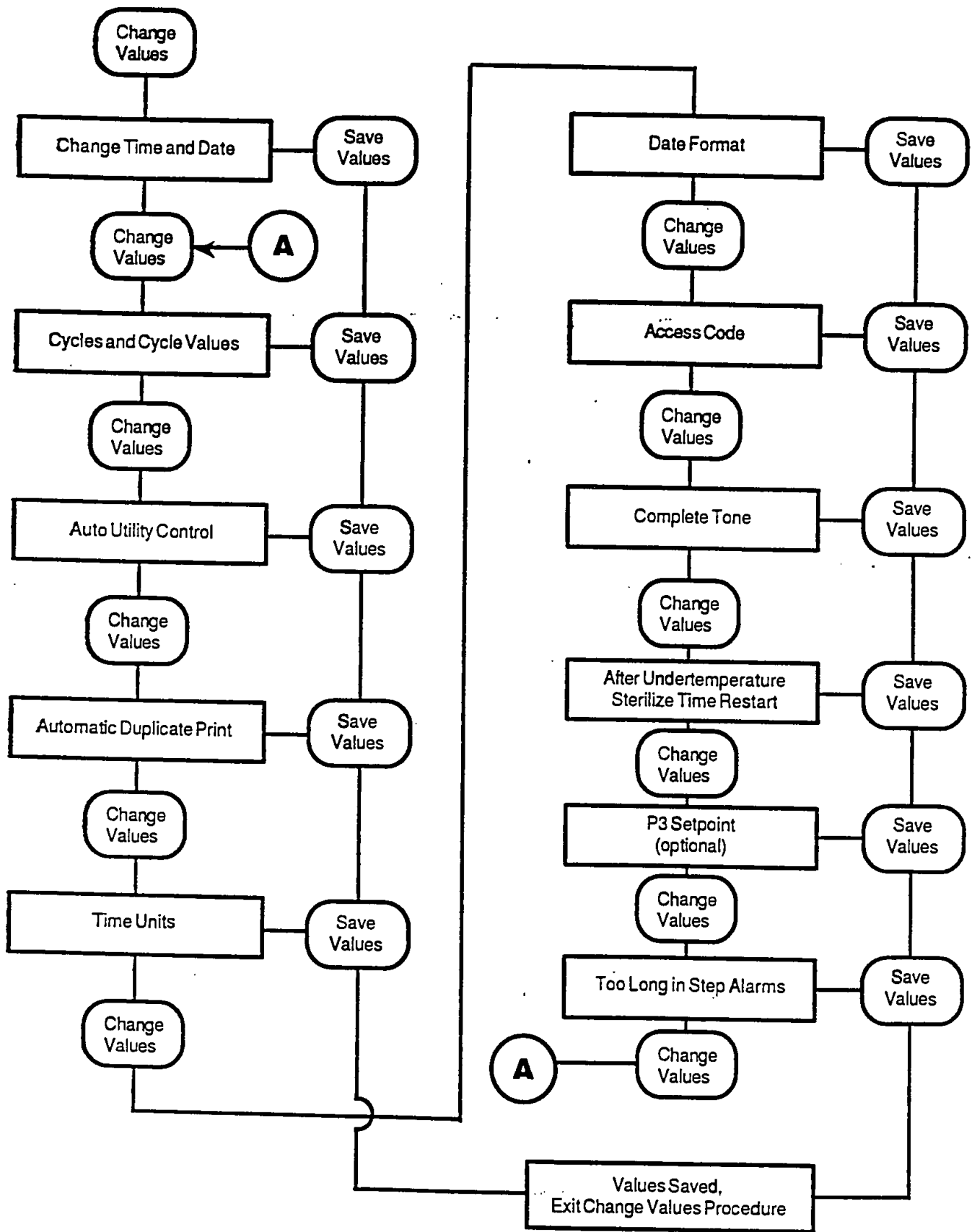


Figure 5-4. Change Values Flowchart

Changing Time and Date

Changing time and date is the first selection to appear in the display once the Change Values procedure is accessed.

STATUS
DATE: M*M/DD/YY
TIME: HH:MM:SS

**M is blinking.*

This display shows the time and date the sterilizer is using for all display and printout messages. This display should be verified periodically (see Preventive Maintenance Guide in Service and Maintenance Procedure manual).

NOTE: Adjusting the Time and Date cannot be locked out using the Access Code.

If the display requires adjustment, follow the steps given below:

1. Move cursor (blinking display position) to the digit you wish to change by pressing right or left arrow touch pad.
2. Increase or decrease the value (of blinking digit) by pressing the up or down arrow touch pad.
3. Repeat steps 1 and 2 until correct time and date is set.
4. Press CHANGE VALUES touch pad if more changes are desired, or . . .
5. Press SAVE VALUES touch pad to record the new time and date and to exit the Change Values procedure. Printout of cycle values and new time and date will also be furnished.

Changing Cycles and Cycle Values

1. If the Access Code is enabled for the sterilizer, one or more of the cycles can be "locked-out" and will not be available for change without knowing the Access Code. If the Access Code is enabled, the following display appears after Changing Time and Date:

STATUS
DO YOU KNOW ACCESS CODE? NO*

**NO is blinking.*

If you know the access code, press the up arrow touch pad to change "NO" to "YES". Press CHANGE VALUES while "YES" is blinking to advance control to the following display message.

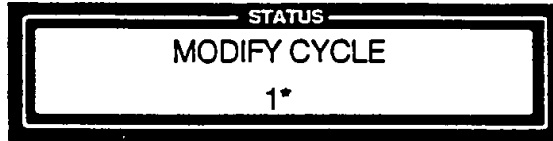
STATUS
ENTER ACCESS CODE CODE IS 0000*

**First 0 is blinking.*

Enter the access code using the right/left and up/down arrow touch pads as described under Making Changes in this section. Once the correct code is entered, press CHANGE VALUES touch pad to advance to Modify Cycle selection.

If the Access Code is not known, press CHANGE VALUES touch pad while "NO" is blinking to automatically advance control to the first cycle which is not locked-out. If all cycles are locked out, control advances to Auto Utility Control function.

2. If Access Code is not enabled, the following display appears after Changing Time and Date:

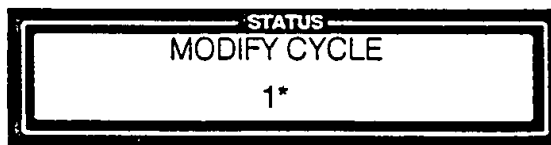


**1 is blinking.*

3. To change values of each cycle, press CHANGE VALUES touch pad when desired cycle number, or CONTROL, is shown on the display. Use the up or down arrow touch pad to select the corresponding number, or Control, for the desired cycle. For example: pressing the CHANGE VALUES touch pad when display shows 3 will allow operator to change the values for Cycle 3; pressing CHANGE VALUES touch pad when display shows CONTROL will allow operator to change the control values.

NOTE: See separate procedure (4, 6, 9, or 12 cycles) for a complete listing of all default values.

1. Press the CHANGE VALUES touch pad when the prevacuum cycle number is shown on the display.



**1 is blinking.*

2. The sterilize time, sterilize temperature and dry time can be changed for each gravity cycle selected. The 'S=' represents the sterilize time in hours/minutes/seconds. Sterilize time is the length of the sterilize phase of the cycle. The 'TMP=' represents the sterilize temperature in degrees (either Celsius or Fahrenheit). Sterilize temperature is the temperature at which the sterilize phase timer begins. The 'D=' represents the dry time in hours/minutes/seconds. Dry time is the length of the drying phase of the cycle.

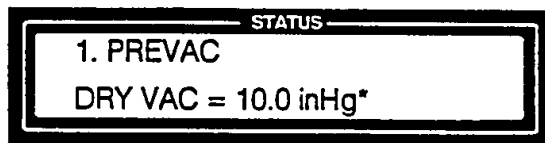


**PREVAC is blinking.*

//////
**Changing
 Prevacuum Cycle
 Values (values are
 typical only)**
 //////

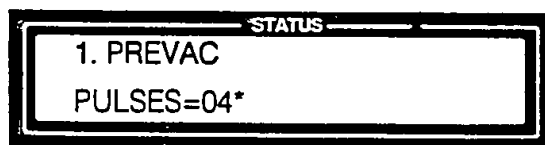
NOTE: Sterilizer is factory set to operate using Celsius temperature units. If operation using Fahrenheit units is desired or required, adjustment must be performed by a qualified service technician.

- a. Move cursor (blinking display position) to the value you wish to change by pressing right or left arrow touch pad.
 - b. Increase or decrease the value (of blinking position) by pressing the up or down arrow touch pad.
 - c. Once display is changed satisfactorily, press the CHANGE VALUES touch pad to advance to the next display, or . . .
 - d. Press the SAVE VALUES touch pad to save all changed values and exit Change Values procedure.
3. The dry vacuum point can be changed for each Prevacuum cycle selected. Dry vacuum point is the vacuum level at which the dry timer begins. The 'DRY VAC=' represents the vacuum point in inHg or bars..



**1 is blinking.*

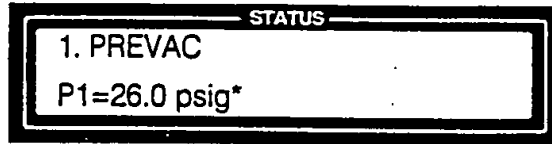
- a. Move cursor (blinking display position) to the value you wish to change by pressing right or left arrow touch pad.
 - b. Increase or decrease the value (of blinking position) by pressing the up or down arrow touch pad.
 - c. Once display is changed satisfactorily, press the CHANGE VALUES touch pad to advance to the next display, or . . .
 - d. Press the SAVE VALUES touch pad to save all changed values and exit Change Values procedure.
4. The number of prevacuum pulses can be changed for each prevacuum cycle selected. The 'PULSES=' represents the number of vacuum pulses the sterilizer pulls during the conditioning phase of the Prevacuum cycle.



**0 is blinking.*

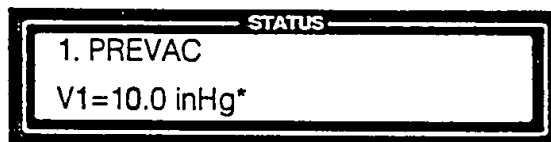
- a. Move cursor (blinking display position) to the value you wish to change by pressing right or left arrow touch pad.
- b. Increase or decrease the value (of blinking position) by pressing the up or down arrow touch pad.
- c. Once display is changed satisfactorily, press the CHANGE VALUES touch pad to advance to the next display, or . . .
- d. Press the SAVE VALUES touch pad to save all changed values and exit Change Values procedure.

5. The pulse pressure point can be changed for each prevacuum cycle selected. Pulse pressure point is the peak pressure point that each pulse charges to before exhausting during the conditioning phase of the prevacuum cycle. The 'P1=' represents the pulse pressure point in psig or bars.



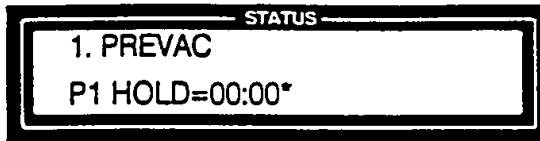
**2 is blinking.*

- a. Move cursor (blinking display position) to the value you wish to change by pressing right or left arrow touch pad.
 - b. Increase or decrease the value (of blinking position) by pressing the up or down arrow touch pad.
 - c. Once display is changed satisfactorily, press the CHANGE VALUES touch pad to advance to the next display, or . . .
 - d. Press the SAVE VALUES touch pad to save all changed values and exit Change Values procedure.
6. The pulse vacuum point can be changed for each prevacuum cycle selected. Pulse vacuum point is the minimum vacuum point that each pulse evacuates to before charging during the conditioning phase of the prevacuum cycle. If unit has water ejector, evacuation will occur for one minute and then will end when the V1 point is reached. The 'V1=' represents the pulse vacuum point in inHg or bars.



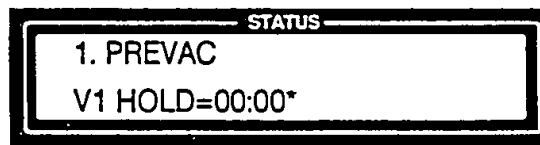
**1 is blinking.*

- a. Move cursor (blinking display position) to the value you wish to change by pressing right or left arrow touch pad.
 - b. Increase or decrease the value (of blinking position) by pressing the up or down arrow touch pad.
 - c. Once display is changed satisfactorily, press the CHANGE VALUES touch pad to advance to the next display, or . . .
 - d. Press the SAVE VALUES touch pad to save all changed values and exit Change Values procedure.
7. The pressure point hold time can be set for each prevacuum cycle selected. Pressure point hold time is the amount of time the control holds each pulse at the pulse pressure point. The 'P1 HOLD=' represents the hold time in minutes and seconds.



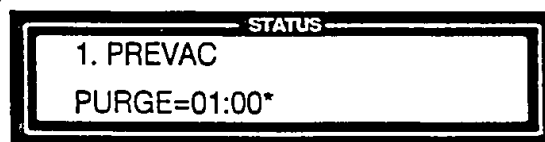
**First 0 is blinking.*

- a. Move cursor (blinking display position) to the value you wish to change by pressing right or left arrow touch pad.
 - b. Increase or decrease the value (of blinking position) by pressing the up or down arrow touch pad.
 - c. Once display is changed satisfactorily, press the CHANGE VALUES touch pad to advance to the next display, or . . .
 - d. Press the SAVE VALUES touch pad to save all changed values and exit Change Values procedure.
8. The vacuum point hold time can be set for each prevacuum cycle selected. Vacuum point hold time is the amount of time the control holds the vacuum level at the end of each vacuum pulse. The 'V1 HOLD=' represents the hold time in minutes and seconds.



**First 0 is blinking.*

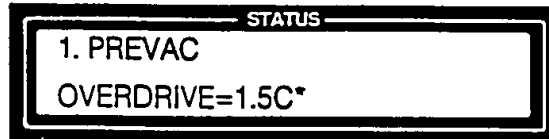
- a. Move cursor (blinking display position) to the value you wish to change by pressing right or left arrow touch pad.
 - b. Increase or decrease the value (of blinking position) by pressing the up or down arrow touch pad.
 - c. Once display is changed satisfactorily, press the CHANGE VALUES touch pad to advance to the next display, or . . .
 - d. Press the SAVE VALUES touch pad to save all changed values and exit Change Values procedure.
9. The purge time can be changed for each prevacuum cycle selected. Purge time is the length of the purge phase of the cycle. The 'PURGE=' represents the purge time in minutes/seconds.



**First 0 is blinking.*

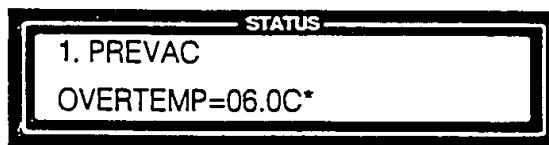
- a. Move cursor (blinking display position) to the value you wish to change by pressing right or left arrow touch pad.
- b. Increase or decrease the value (of blinking position) by pressing the up or down arrow touch pad.

- c. Once display is changed satisfactorily, press the CHANGE VALUES touch pad to advance to the next display, or . . .
 - d. Press the SAVE VALUES touch pad to save all changed values and exit Change Values procedure.
10. The overdrive temperature value can be changed for each prevacuum cycle selected. The overdrive value is used in determining the control temperature value for the sterilize phase (control temperature = sterilize temperature + overdrive value). The 'OVERDRIVE=' represents the overdrive value in Celsius or Fahrenheit.



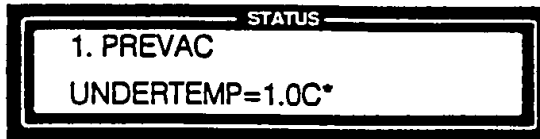
**1 is blinking.*

- a. Move cursor (blinking display position) to the value you wish to change by pressing right or left arrow touch pad.
 - b. Increase or decrease the value (of blinking position) by pressing the up or down arrow touch pad.
 - c. Once display is changed satisfactorily, press the CHANGE VALUES touch pad to advance to the next display, or . . .
 - d. Press the SAVE VALUES touch pad to save all changed values and exit Change Values procedure.
11. The overtemp temperature value can be changed for each prevacuum cycle selected. The overtemp value plus the control temperature value will determine when the overtemp alarm occurs. The 'OVERTEMP=' represents the overtemp value in Celsius or Fahrenheit.



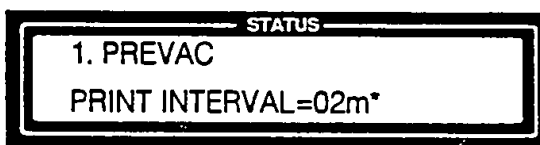
**First 0 is blinking.*

- a. Move cursor (blinking display position) to the value you wish to change by pressing right or left arrow touch pad.
 - b. Increase or decrease the value (of blinking position) by pressing the up or down arrow touch pad.
 - c. Once display is changed satisfactorily, press the CHANGE VALUES touch pad to advance to the next display, or . . .
 - d. Press the SAVE VALUES touch pad to save all changed values and exit Change Values procedure.
12. The undertemp temperature value can be changed for each prevacuum cycle selected. The undertemp value minus the sterilize temperature value will determine when the undertemp alarm occurs. The 'UNDERTEMP=' represents the undertemp value in Celsius or Fahrenheit.



**1 is blinking.*

- a. Move cursor (blinking display position) to the value you wish to change by pressing right or left arrow touch pad.
 - b. Increase or decrease the value (of blinking position) by pressing the up or down arrow touch pad.
 - c. Once display is changed satisfactorily, press the CHANGE VALUES touch pad to advance to the next display, or . . .
 - d. Press the SAVE VALUES touch pad to save all changed values and exit Change Values procedure.
13. The print interval value can be changed for each prevacuum cycle selected. The print interval value determines the time interval between status printouts during the sterilize phase. The 'PRINT INTERVAL=' represents the print interval in minutes.



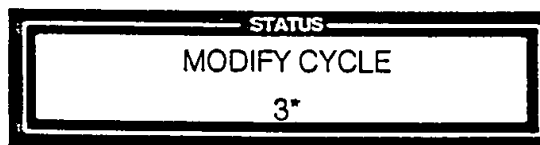
**0 is blinking.*

- a. Move cursor (blinking display position) to the value you wish to change by pressing right or left arrow touch pad.
- b. Increase or decrease the value (of blinking position) by pressing the up or down arrow touch pad.
- c. Once display is changed satisfactorily, press the CHANGE VALUES touch pad to return to the MODIFY CYCLE display, or . . .
- d. Press the SAVE VALUES touch pad to save all changed values and exit Change Values procedure.

**Changing Gravity
Cycle Values
(values are
typical only)**

NOTE: See separate procedure (4, 6, 9 or 12 cycles) for a complete listing of all default values.

1. Press CHANGE VALUES touch pad when the gravity cycle number is shown on the display.



**3 is blinking.*

2. The sterilize time, sterilize temperature and dry time can be changed for each gravity cycle selected. The 'S=' represents the sterilize time in hours/minutes/seconds. Sterilize time is the length of the sterilize phase of the cycle. The 'TMP=' represents the sterilize temperature in degrees (either Celsius or Fahrenheit). Sterilize temperature is the temperature at which the sterilize phase timer begins. The 'D=' represents the dry time in hours/minutes/seconds. Dry time is the length of the drying phase of the cycle.

NOTE: Sterilizer is factory set to operate using Celsius temperature units. If operation using Fahrenheit units is desired or required, adjustment must be performed by a qualified service technician.

STATUS	
3. GRAVITY*	S=00:15:00
TMP=132C	D=00:30:00

**GRAVITY is blinking.*

- a. Move cursor (blinking display position) to the value you wish to change by pressing right or left arrow touch pad.
 - b. Increase or decrease the value (of blinking position) by pressing the up or down arrow touch pad.
 - c. Once display is changed satisfactorily, press the CHANGE VALUES touch pad to advance to the next display, or . . .
 - d. Press the SAVE VALUES touch pad to save all changed values and exit Change Values procedure.
3. The purge time can be changed for each gravity cycle selected. Purge time is the length of the purge phase of the cycle. The 'PURGE=' represents the purge time in minutes/seconds.

STATUS	
3. GRAVITY	
PURGE=01:00*	

**First 0 is blinking.*

- a. Move cursor (blinking display position) to the value you wish to change by pressing right or left arrow touch pad.
- b. Increase or decrease the value (of blinking position) by pressing the up or down arrow touch pad.
- c. Once display is changed satisfactorily, press the CHANGE VALUES touch pad to advance to the next display, or . . .
- d. Press the SAVE VALUES touch pad to save all changed values and exit Change Values procedure.

4. The overdrive temperature value can be changed for each gravity cycle selected. The overdrive value is used in determining the control temperature value for the sterilize phase (control temperature = sterilize temperature + overdrive value). The 'OVERDRIVE=' represents the overdrive value in Celsius or Fahrenheit.

STATUS
3. GRAVITY
OVERDRIVE=1.5C*

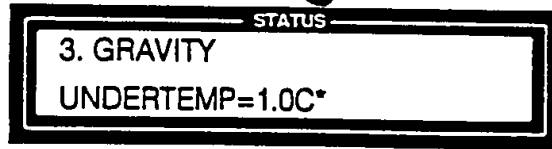
**1 is blinking.*

- a. Move cursor (blinking display position) to the value you wish to change by pressing right or left arrow touch pad.
 - b. Increase or decrease the value (of blinking position) by pressing the up or down arrow touch pad.
 - c. Once display is changed satisfactorily, press the CHANGE VALUES touch pad to advance to the next display, or . . .
 - d. Press the SAVE VALUES touch pad to save all changed values and exit Change Values procedure.
5. The overtemp temperature value can be changed for each gravity cycle selected. The overtemp value plus the control temperature value will determine when the overtemp alarm occurs. The 'OVERTEMP=' represents the overtemp value in Celsius or Fahrenheit.

STATUS
3. GRAVITY
OVERTEMP=06.0C*

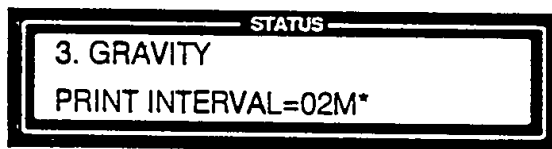
**First 0 is blinking.*

- a. Move cursor (blinking display position) to the value you wish to change by pressing right or left arrow touch pad.
 - b. Increase or decrease the value (of blinking position) by pressing the up or down arrow touch pad.
 - c. Once display is changed satisfactorily, press the CHANGE VALUES touch pad to advance to the next display, or . . .
 - d. Press the SAVE VALUES touch pad to save all changed values and exit Change Values procedure.
6. The undertemp temperature value can be changed for each gravity cycle selected. The undertemp value minus the sterilize temperature value will determine when the undertemp alarm occurs. The 'UNDERTEMP=' represents the undertemp value in Celsius or Fahrenheit.



**1 is blinking.*

- a. Move cursor (blinking display position) to the value you wish to change by pressing right or left arrow touch pad.
 - b. Increase or decrease the value (of blinking position) by pressing the up or down arrow touch pad.
 - c. Once display is changed satisfactorily, press the CHANGE VALUES touch pad to advance to the next display, or . . .
 - d. Press the SAVE VALUES touch pad to save all changed values and exit Change Values procedure.
7. The print interval value can be changed for each gravity cycle selected. The print interval value determines the time interval between status printouts during the sterilize phase. The 'PRINT INTERVAL=' represents the print intervals in minutes.



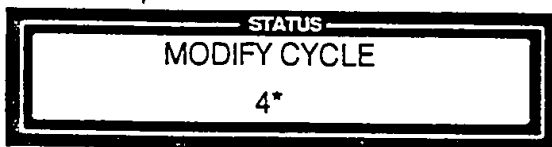
**0 is blinking.*

- a. Move cursor (blinking display position) to the value you wish to change by pressing right or left arrow touch pad.
- b. Increase or decrease the value (of blinking position) by pressing the up or down arrow touch pad.
- c. Once display is changed satisfactorily, press the CHANGE VALUES touch pad to return to the MODIFY CYCLE display, or . . .
- d. Press the SAVE VALUES touch pad to save all changed values and exit Change Values procedure.

**Changing Liquid
Cycle Values
(values are
typical only)**

NOTE: See separate procedure (4, 6, 9 or 12 cycles) for a complete listing of all default values.

1. Press the CHANGE VALUES touch pad when the liquid cycle number is shown on the display.



**4 is blinking.*

2. The sterilize time and sterilize temperature can be changed for each liquid cycle selected. The 'S=' represents the sterilize time in hours/minutes/seconds. Sterilize time is the length of the sterilize phase of the

cycle. The 'TMP=' represents the sterilize temperature in degrees (either Celsius or Fahrenheit). Sterilize temperature is the temperature at which the sterilize phase timer begins.

NOTE: Sterilizer is factory set to operate using Celsius temperature units. If operation using Fahrenheit units is desired or required, adjustment must be performed by a qualified service technician.

STATUS	
4. LIQUID*	S=00:45:00
TMP=121C	

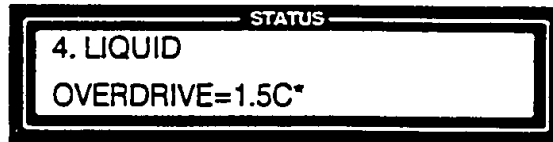
**LIQUID is blinking.*

- a. Move cursor (blinking display position) to the value you wish to change by pressing right or left arrow touch pad.
 - b. Increase or decrease the value (of blinking position) by pressing the up or down arrow touch pad.
 - c. Once display is changed satisfactorily, press the CHANGE VALUES touch pad to advance to the next display, or . . .
 - d. Press the SAVE VALUES touch pad to save all changed values and exit Change Values procedure.
3. The purge time can be changed for each liquid cycle selected. Purge time is the length of the purge phase of the cycle. The 'PURGE=' represents the purge time in minutes and seconds.

STATUS	
4. LIQUID	
PURGE=01:00*	

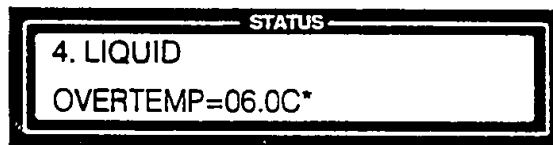
**First 0 is blinking.*

- a. Move cursor (blinking display position) to the value you wish to change by pressing right or left arrow touch pad.
 - b. Increase or decrease the value (of blinking position) by pressing the up or down arrow touch pad.
 - c. Once display is changed satisfactorily, press the CHANGE VALUES touch pad to advance to the next display, or . . .
 - d. Press the SAVE VALUES touch pad to save all changed values and exit Change Values procedure.
4. The overdrive temperature value can be changed for each liquid cycle selected. The overdrive value is used in determining the control temperature value for the sterilize phase (control temperature = sterilize temperature + overdrive value). The 'OVERDRIVE=' represents the overdrive value in Celsius or Fahrenheit.



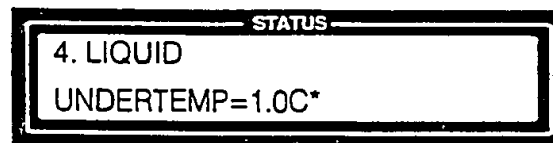
**1 is blinking.*

- a. Move cursor (blinking display position) to the value you wish to change by pressing right or left arrow touch pad.
 - b. Increase or decrease the value (of blinking position) by pressing the up or down arrow touch pad.
 - c. Once display is changed satisfactorily, press the CHANGE VALUES touch pad to advance to the next display, or . . .
 - d. Press the SAVE VALUES touch pad to save all changed values and exit Change Values procedure.
5. The overtemp temperature value can be changed for each liquid cycle selected. The overtemp value plus the control temperature value will determine when the overtemp alarm occurs. The 'OVERTEMP=' represents the overtemp value in Celsius or Fahrenheit.



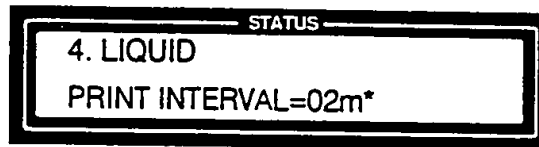
**First 0 is blinking.*

- a. Move cursor (blinking display position) to the value you wish to change by pressing right or left arrow touch pad.
 - b. Increase or decrease the value (of blinking position) by pressing the up or down arrow touch pad.
 - c. Once display is changed satisfactorily, press the CHANGE VALUES touch pad to advance to the next display, or . . .
 - d. Press the SAVE VALUES touch pad to save all changed values and exit Change Values procedure.
6. The undertemp temperature value can be changed for each liquid cycle selected. The undertemp value minus the sterilize temperature value will determine when the undertemp alarm occurs. The 'UNDERTEMP=' represents the undertemp value in Celsius or Fahrenheit.



**1 is blinking.*

- a. Move cursor (blinking display position) to the value you wish to change by pressing right or left arrow touch pad.
 - b. Increase or decrease the value (of blinking position) by pressing the up or down arrow touch pad.
 - c. Once display is changed satisfactorily, press the CHANGE VALUES touch pad to advance to the next display, or . . .
 - d. Press the SAVE VALUES touch pad to save all changed values and exit Change Values procedure.
7. The print interval value can be changed for each liquid cycle selected. The print interval value determines the time interval between status printouts during the sterilize phase. The 'PRINT INTERVAL=' represents the print intervals in minutes.



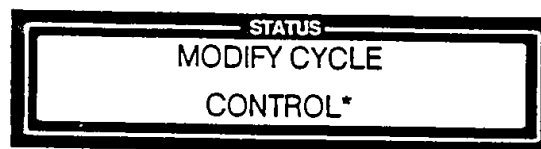
**0 is blinking.*

- a. Move cursor (blinking display position) to the value you wish to change by pressing right or left arrow touch pad.
- b. Increase or decrease the value (of blinking position) by pressing the up or down arrow touch pad.
- c. Once display is changed satisfactorily, press the CHANGE VALUES touch pad to return to the MODIFY CYCLE display, or . . .
- d. Press the SAVE VALUES touch pad to save all changed values and exit Change Values procedure.

Changing Control Values

Control values are the operational settings of the sterilizer (e.g., Date Format, etc.). All control values, with the exception of Auto Utility Control, are automatically secured against unauthorized or accidental change when the Access Code feature is enabled.

1. Press CHANGE VALUE touch pad when CONTROL is shown on the display,



**CONTROL is blinking.*

2. This selection allows the operator to program the sterilizer to automatically shut off and restart the sterilizer's steam and water supplies. The number of work days in a week, shut down and power up times can also be programmed. Sterilizer is shipped from the factory with Auto Utility Control turned OFF.



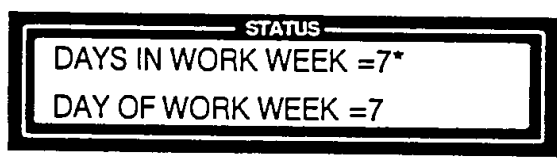
*OFF is blinking.

- a. The setting can be changed to ON by pressing either the up or down arrow touch pad.
- b. Press SAVE VALUES touch pad to save changes to this point, or CHANGE VALUES touch pad to advance to the next display.

If the Auto Utility selection is left OFF and the remaining settings have not been secured by the Access Code, the control advances to the Auto Duplicate Print selection (see step 3).

If the Auto Utility is turned ON, the display advances to the following after pressing CHANGE VALUES.

- c. These two settings can be used to set the range of days the sterilizer automatically shuts down and restarts utilities.



*Seven is blinking.

For Example: The sterilizer is to be used five days a week (Monday through Friday); the Utility control is being set up on Tuesday. To program this, press the down arrow touch pad twice, the 7 at the end of the first line on the display is changed to a 5. Press Change Values to move cursor to the next line of the display. Tuesday is the second day of the work week, press the down arrow touch pad five times to change the 7 at the end of the second line to a 2. The sterilizer is now programmed to operate Monday through Friday, and will shutdown utilities consumption automatically Saturday through Sunday.

- 1) If necessary, increase or decrease the blinking display number by pressing the up or down arrow touch pad.
- 2) Move to the second line by pressing the right arrow touch pad. The second line is used to enter the day of the work week the sterilizer is being programmed for Auto Utility Control.
- 3) Once this display is changed satisfactorily, press CHANGE VALUES to advance to next display.
- d. This display is used to set the time of day utilities are automatically shutdown and restarted. These values control the Restart and Shutdown times each day the sterilizer is scheduled to be used. If these values are set to the same times, utilities will remain on continuously.

If you have access to Change Values (i.e., you know the Access Code, or the Access Code has not been enabled), but Auto Utility Control is not selected, follow this arrow.



From previous page.

STATUS
RESTART = 07:00* AM
SHUTDOWN = 07:00 AM

**First 0 is blinking.*

- 1) Move cursor (blinking display position) to the digit you wish to change by pressing right or left arrow touch pad.
- 2) Increase or decrease the value (of blinking digit) by pressing up or down arrow touch pad as necessary.
- 3) Once this display is changed satisfactorily, press CHANGE VALUES to advance to Auto Duplicate Print, or . . .
- 4) Press SAVE VALUES to save changes to this point and exit Change Value procedure.

NOTE: The following display is shown while utilities are shutdown. Pressing any of the Cycle Selector touch pads restarts the sterilizer utilities before normal restart time.

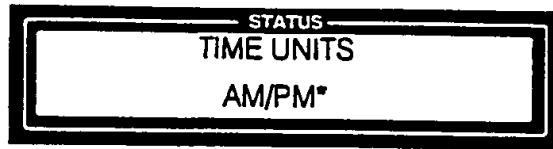
STATUS
UTILITIES SHUTDOWN
RESTART AT (TIME)

3. The sterilizer can be programmed to automatically provide a duplicate print at the completion of each cycle. The factory default is no duplicate print.

STATUS
AUTO DUPLICATE PRINT
OFF*

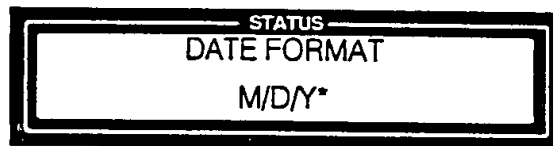
**OFF is blinking.*

- a. Press the up or down arrow touch pad to change the OFF to a ON. ON indicates a duplicate print will be provided after every cycle.
 - b. Press CHANGE VALUES to advance to Time Units, or . . .
 - c. Press SAVE VALUES to save changes to this point and exit Change Values procedure.
4. This selection is used to change the display format for time. The factory default is a standard time display (AM/PM), but this can be changed to a 24 hour time display (24hrs).



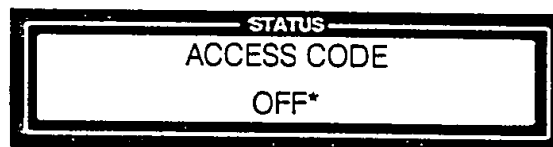
**AM/PM is blinking.*

- a. Press the up or down arrow touch pad to change AM/PM to 24 hrs.
 - b. Press CHANGE VALUES to advance to Date Format, or . . .
 - c. Press SAVE VALUES to save changes and exit Change Values procedure.
5. This selection can be used to change the way the sterilizer displays and prints the date. The factory default is to display Month/Day/Year (M/D/Y); but this can be changed to either Year/Month/Day (Y/M/D) or Day/Month/Year (D/M/Y).



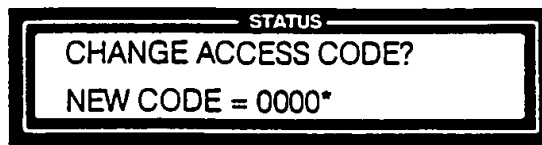
**M/D/Y is blinking.*

- a. Press the up or down arrow touch pad to cycle the display through the available settings.
 - b. Once desired setting is on the display, press CHANGE VALUES to advance to Access Code, or . . .
 - c. Press SAVE VALUES to save changes to this point and exit Change Values procedure.
6. The access code enables the supervisor to secure the sterilizer against unauthorized or accidental entry into the Change Values procedure. The factory default is for no access code.



**OFF is blinking.*

- a. If an access code is required, press the up or down arrow touch pad to change display to ON.
- b. Press either SAVE VALUES or CHANGE VALUES touch pad. If the status of the access code was not changed, control advances to Complete Tone. If Access Code option was changed from OFF to ON, display changes to ask for entry of access code.
- c. The access code can be set as any four-digit number from 0000 to 9999.



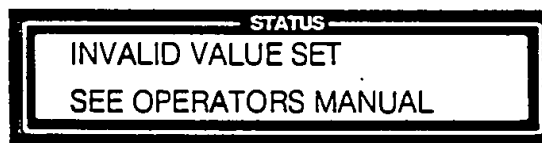
**First 0 is blinking.*

- 1) Move cursor (blinking display position) to the digit you wish to change by pressing right or left arrow touch pad.
 - 2) Increase or decrease the value (of blinking digit) by pressing up or down arrow touch pad.
 - 3) Once this display is changed satisfactorily, press CHANGE VALUES to "lock-out" cycles, or. . .
 - 4) Press SAVE VALUES to save the Access Code (even if unchanged) in the memory, save any other changes made to this point and exit Change Values procedure.
- d. The default value for this display is 0. Up to the full number of available cycles can be locked-out (protected from unauthorized or accidental change).



**0 is blinking.*

- 1) Change the value (or blinking digit) by pressing the up or down arrow touch pad until the number of cycles you wish to lock-out is displayed. For example, if one cycle is locked out, Cycle #1 is locked out, if two cycles are locked out, Cycles #1 and #2 are locked out.
- 2) Trying to enter a value greater than the full number of available cycles causes the display to respond with the following message:



- 3) Once this display has been changed as desired, press CHANGE VALUES to advance to Complete Tone, or. . .
 - 4) Press SAVE VALUES to save changes to this point and exit Change Values procedure.
7. When this selection is set to ON, the sterilizer sounds a pulsing tone when a cycle completes. The factory default setting is ON.



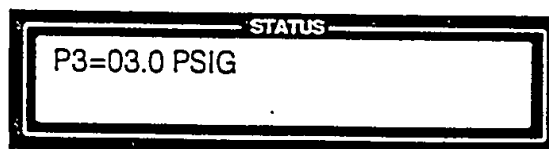
**ON is blinking.*

- a. Press the up or down arrow touch pad to change ON to OFF.
 - b. Press CHANGE VALUES to advance to the After Undertemperature Restart, or, . .
 - c. Press SAVE VALUES to save changes made to this point and exit Change Values procedure.
8. This selection is used to control the sterilizer if undertemperature situations occur during the sterilize phase of a cycle. The RESTART setting causes the sterilizer to begin the sterilize phase over if the unit enters an undertemperature state. RESUME causes the sterilizer to restart the phase timer from the point where the unit entered an undertemperature state. The factory default setting is RESTART.



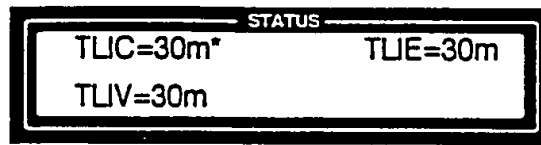
**RESTART is blinking.*

- a. Change RESTART to RESUME, if desired, by pressing the up or down arrow touch pad.
- b. Press CHANGE VALUES to advance control to first Too Long in Step display, or P3 setpoint (units with out Optimal Solution Cooling ONLY)
- c. Press SAVE VALUES to save changes to this point and exit Change Values procedure.



9. This set point exists and shows only for units without Optimal solution Cooling. This point determines when the Fast Exhaust valve opens during the exhaust phase of a Liquid Cycle or when the Vent phase begins.
- a. This value is entered using the CHANGE VALUES touchpads, the same as for values in this procedure.
 - b. Press SAVE VALUES to store this value in the control memory, and return to the main cycle selection menu.
 - c. Once all values have been set as desired, press CHANGE VALUES to advance to the Too Long in Step display

10. The first screen for Too Long in Step alarms appears on the display. These alarm settings are defined as follows:



**3 is blinking.*

TLIC = Too Long in Charge. This value determines how long the sterilizer will attempt to reach the sterilize temperature set point, during charge phase, before the control sounds an alarm. This value can be set anywhere from 0 to 99 minutes.

TLIV = Too Long in Evacuation. This value determines how long the sterilizer will attempt to reach the vacuum set point before the control sounds an alarm. This value can be set anywhere from 0 to 99 minutes.

TLIE = Too Long in Exhaust. This value determines how long the sterilizer will attempt to reach the atmosphere set point, following sterilize phase, before the control sounds an alarm. This value can be set anywhere from 0 to 99 minutes.

- a. Move cursor (blinking display position) to the digit you wish to change by pressing right or left arrow touch pad.
- b. Increase or decrease the value (of blinking digit) by pressing up or down arrow touch pad.
- c. Once all values have been set as desired, press CHANGE VALUES to advance to the next Too Long in Step alarm display.
- d. This display defaults to the same value for both small and medium sterilizers. The alarm setting is defined as follows:



**First 0 is blinking.*

TLIS = Too Long in Slow Exhaust. This value determines how long the sterilizer will attempt to exhaust the chamber to atmospheric pressure, following the sterilize phase of a Liquid cycle, before the control sounds an alarm. This value can be set anywhere from 00:00 to 99:59 (hours:minutes).

- e. Move cursor (blinking display position) to the digit you wish to change by pressing right or left arrow touch pad.
 - f. Increase or decrease the value (of blinking digit) by pressing up or down arrow touch pad.
 - g. Press CHANGE VALUES to store all changed values in the control memory and return to the MODIFY CYCLE display, or . . .
 - h. Press SAVE VALUES to save all changed values in the control memory and exit the Change Values procedure.
10. Upon exiting the Change Values procedure, the sterilizer provides a complete printout of all cycle values and control settings. To cancel printout, press the RESET touch pad once printout begins.

Operate sterilizer by referring to the appropriate cycle description in this section for the cycle to be run. Refer to Section 4, Change Values Procedure, if it is necessary to change cycles, cycle values or control values.

NOTE: To view current cycle values, press and hold the corresponding Cycle Selector touch pad (1, 2, 3 or 4) for the cycle (sterilizer power must be on).

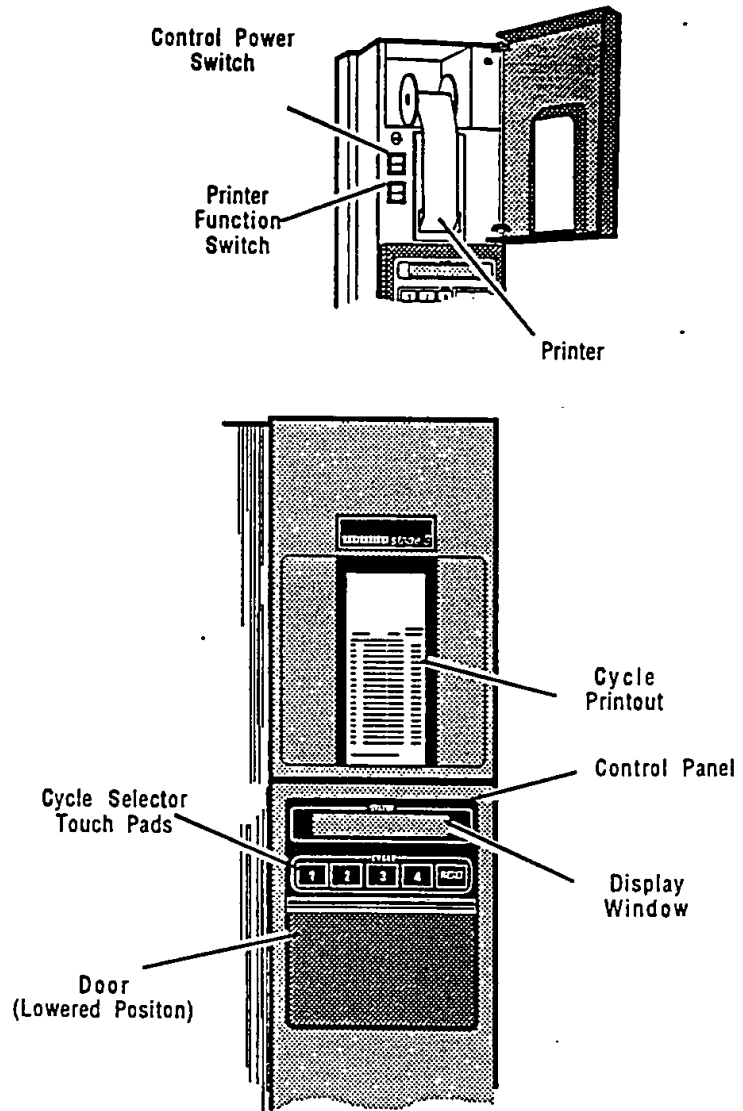


Figure 5-1. Control Locations

Before Operating the Sterilizer

⚠ WARNING - BURN HAZARD: Sterilizer and rack/shelves will be HOT after cycle is run. Always wear protective gloves and apron (also face shield if processing liquids) when loading or unloading the sterilizer.

⚠ WARNING - SLIPPING HAZARD: To avoid slippery floor conditions, immediately wipe up any spillage or condensation in sterilizer loading or unloading area(s).

1. Check that chamber drain strainer is clean and in place and that chamber interior is clean. See Service and Maintenance Procedure if cleaning is necessary.
2. Open the upper access door.
 - a. Check that manual control is turned to OFF.
 - b. Turn Steam and Water valves to ON.

NOTE: If sterilizer is equipped with an integral electric steam generator, Consult Operating Procedure Manual for Generator.

- c. Set HI-LO valve according to the sterilize temperature of the cycle to be run. For example: set valve to LO if running a Liquid cycle.

NOTE: For jacket steam feed units ONLY. Refer to Jacket Steam Feed/Manual Control Procedure.

- d. Turn on Main Power Switch (behind lower access door if medium unit).
- e. Open the printer door and position the Control Power switch to POWER.

Steam enters jacket and begins to warm chamber.

The printer records the time and date that the power is turned ON.

3. The display shows the following sequence of messages whenever the Control Power switch is turned on:

STATUS	
PERFORM LEAK TEST?	
1=YES	2=NO

Press the appropriate Cycle Selector touch pad to run or bypass the test.

NOTE: Leak Test should be performed on the sterilizer at least once each week. For additional details, see the Leak Test procedure and cycle description later in this section.

Once this test has been bypassed or run, the display changes to the following:

STATUS	
PERFORM DART TEST?	
(BOWIE-DICK) 1=Y 2=N	

Press the appropriate Cycle Selector touch pad to run or bypass the test.

NOTE: DART (Bowie-Dick) Test should be run each day the sterilizer is used. For additional details, see the DART Test procedures and cycle description later in this section.

Once this test has been bypassed or run, the display changes to the following:

STATUS	
TIME	CT = (temp)
(time of day)	P = (pressure)

alternating with -

STATUS	
1=PREVAC	3=GRAVITY
2=PREVAC	4=LIQUID

4. Open chamber door. (Refer to Manual Door Operation in Section 2.) Display alternately shows - (example)

STATUS	
DOOR	CT=(temp)
UNLOCKED	P=0 psig

and

STATUS	
1=PREVAC	3=GRAVITY
2=PREVAC	4=LIQUID

Printer records -

NOT READY (time of day)
DOOR UNLOCKED

5. Load the chamber.
6. Close and lock chamber door. (Refer to Manual Door Operation in Section 2.)

NOTE: Once chamber is pressurized, an integral pressure-actuated lock will prevent door from being opened under pressure.

Display shows available cycle selections for five seconds - (example)

STATUS	
1=PREVAC	3=GRAVITY
2=PREVAC	4=LIQUID

and then alternates with

STATUS	
TIME	CT=(temp)
(time of day)	P=(pressure)

7. Refer to the procedure on Steam Pressure Regulation before starting a cycle.
8. If other temperature probes are present, refer to the procedures related to these probes before starting a cycle.
9. The sterilizer is now ready to run a cycle.

Automatic Operation: LEAK TEST Cycle

Refer to Before Operating the Sterilizer to prepare the unit for running this cycle.

A vacuum leak test cycle may be run as the first cycle only after positioning Control Power switch to POWER. If any cycle has been run after switching control power on, the leak test cycle cannot be started until power is switched OFF and then ON again.

⚠ WARNING - BURN HAZARD: Sterilizer and rack/shelves will be HOT after cycle is run. Always wear protective gloves and apron (also face shield if processing liquids) when loading or unloading the sterilizer.

In this cycle, the sterilizer automatically checks for vacuum leaks in the piping and door seal. If the sterilizer leak rate is not acceptable, the sterilizer should be inspected by a qualified service technician. Leak test cycle can also be used to confirm that the sterilizer piping is intact after performing repairs.

NOTE: The measured leak rate (mm Hg per minute) is calculated by the control over a timed 10 minute period, and is included in the cycle printout.

NOTE: This test is not a substitute for a Bowie-Dick test.

⚠ WARNING - SLIPPING HAZARD: To avoid slippery floor conditions, immediately wipe up any spillage or condensation in sterilizer loading or unloading area(s).

1. Once the following display is shown, press Cycle Selector #1 touch pad to select the leak test.

STATUS	
PERFORM LEAK TEST?	
1=YES	2=NO

2. The display below will be shown for 5 seconds. Check that the steam supply to the sterilizer is turned on.

STATUS	
PLEASE CHECK STEAM.	

3. Press the Cycle Selector #1 touch pad to begin the leak test.

STATUS	
READY TO TEST?	
1=YES	RESET=CANCEL

```

=====
= = = LEAK TEST = = =
=====
CYCLE START AT TIME
                ON DATE

CYCLE COUNT      00000
OPERATOR         -----
STERILIZER       VAC

PURGE
-----
TIME OF DAY      TIME
CHAMBER PRESS   PRESS P
CHAMBER TEMP    TEMP C

PULSE VACUUM NUMBER
PULSE CHARGE NUMBER
CHARGE
EVACUATION
STABILIZE
LEAK TEST
AIR BREAK
COMPLETE

```

4. LEAK TEST name and cycle values are printed at the beginning of the cycle.

← total cycles run

← sterilizer identification name

← a. Phase name and the current time, pressure and temperature are printed.

← b. The phase names on the left show the sequence of the cycle. Refer to the following explanation for a complete description of each phase.

DISPLAY WINDOW MESSAGE SEQUENCE FOR LEAK TEST CYCLES

```

PURGE          CT=XXX C
1:00          P=XXpsig

```

(purge phase display)

```

PULSE         CT=XXX C
#1           P=XXpsig

```

(pulse vacuum display)

```

PULSE         CT=XXX C
#1           P=XXpsig

```

(pulse charge display)

```

CHARGE        CT=XXX C
              P=XXpsig

```

(charge phase display)

```

EVACUATION    CT=XXX C
10:00        P=XXpsig

```

(evacuation display)

```

STABILIZE     CT=XXX C
              P=XXpsig

```

(stabilize display)

NOTE: If the sterilizer has a vacuum pump, steps 5, 6, 7, and 8 will be skipped. The cycle will immediately start evacuation of chamber.

5. Steam flows through chamber for one minute.

6. After the purge phase, a vacuum is pulled in the chamber for one minute and then down to 10 inHg (0.34 bar). For units with a vacuum pump, there is no one minute wait.

7. The pulse charge phase begins and the chamber is charged to 26 psig (0.34 bar). One more pulse is then completed (repeat step 6)

8. After two prevacuum pulses, the chamber charges with steam to 132°C (270°F).

9. Once temperature is reached, the evacuation phase begins. The chamber exhausts and a vacuum is pulled in the chamber for 10 minutes.

10. After the 10 minute timer expires, the chamber stabilizes for 2 minutes. This phase ensures a constant vacuum level after the vacuum system has been turned off.

LEAK TEST CT=XXX C
10:00 P=XXpsig

(leak test display)

LEAK RATE IS:
XX mmHg min.

AIR BREAK CT=XXX C
P=XXpsig

(air break display)

COMPLETE CT=XXX C
P=XXpsig

(complete display)

TOTAL CYCLE = time

PERFORM DART TEST?
(BOWIE-DICK) 1=Y 2=N

(dart test display)

- During the leak test phase, chamber remains idle for 10 minutes. On completion of phase, control calculates the leak rate based on the initial and final pressure readings taken during the 10 minute period.

The printer records the leak rate.

- After the leak test phase, cycle enters the air break phase. Filtered air enters the chamber to relieve the vacuum in the chamber.

- Two seconds after chamber pressure reaches 2 inHg (0.068 bar), the cycle is complete. The complete tone sounds and the total cycle time is printed.

- Once the cycle is complete, unlock and open chamber door. The control will be ready to run the Dart Warm-up cycle.

NOTE: Sequential records of tests should be kept to detect if any major changes in leak rates are occurring. Maintenance can then be scheduled to correct any loose fittings, bad gaskets, etc.

Refer to Before Operating the Sterilizer to prepare the unit for running this cycle.

A DART Warm-up cycle may be run as the first or second cycle only after positioning Control Power switch to POWER. A Leak Test or a Warm-up cycle should be completed prior to performing a DART (Bowie-Dick) test.

NOTE: Bypass the PERFORM LEAK TEST? prompt when it appears in the display window, unless a leak test cycle is required at this time. (If required, refer to the Leak Test Cycle description.)

- Once the leak test has been bypassed or run, the message below appears on the display. Press Cycle Selector #1 touch pad.

STATUS
PERFORM DART TEST?
(BOWIE-DICK) 1=Y 2=N

- Press Cycle Selector #1 touch pad to select the warm-up cycle.

STATUS
IS A WARM-UP CYCLE
REQUIRED? 1=Y 2=N

- The display below will be shown for 5 seconds. Check that the steam supply to the sterilizer is turned on.

STATUS
PLEASE CHECK STEAM.

Automatic Operation: DART WARM-UP Cycle

⚠ WARNING - BURN HAZARD: Sterilizer and rack/shelves will be HOT after cycle is run. Always wear protective gloves and apron (also face shield if processing liquids) when loading or unloading the sterilizer.

⚠ WARNING - SLIPPING HAZARD: To avoid slippery floor conditions, immediately wipe up any spillage or condensation in sterilizer loading or unloading area(s).

- Press the Cycle Selector #1 touch pad to begin the warm-up cycle.

STATUS	
READY TO TEST?	
1=YES	RESET=CANCEL

```

=====
DART WARMUP
=====
CYCLE START AT   TIME
                ON   DATE

CYCLE COUNT      00000
OPERATOR         -----
STERILIZER       VAC

STER TEMP      = 132.0 C
CONTROL TEMP   = 133.5 C
STER TIME      = 0:03:00
DRY TIME       = 0:01:00

PURGE
-----
TIME OF DAY     TIME
CHAMBER PRESS   PRESS
CHAMBER TEMP    TEMP C

CHARGE
STEAM FLUSH*
CHARGE*
STERILIZE
FAST EXHAUST
VACUUM DRY
DRY
AIR BREAK
COMPLETE
  
```

- DART WARMUP name and cycle values are printed at the beginning of the cycle.

← total cycles run

← sterilizer identification name

← sterilize temperature

← sterilize temperature plus overdrive

← sterilize time

← dry time

← a. Phase name and the current time, pressure and temperature are printed.

← b. The phase names on the left show the sequence of the cycle. Refer to the following explanation for a complete description of each phase.

DISPLAY WINDOW MESSAGE
SEQUENCE FOR DART WARM-UP
CYCLES

PURGE X:XX	CT=XXX C P=XXpsig
---------------	----------------------

(purge phase display)

CHARGE	CT=XXX C P=XXpsig
--------	----------------------

(charge phase display)

STEAM FLUSH	CT=XXX C P=XXpsig
----------------	----------------------

(steam flush display)

CHARGE	CT=XXX C P=XXpsig
--------	----------------------

(charge phase display)

- Steam flows through chamber for one minute.

- After the purge phase, the chamber charges with steam.

- During the charge phase, when pressure is greater than or equal to 6psig or (0.41 bar) the steam flush phase will begin and will continue until the chamber temperature reaches 108° C or (226° F). The steam flush phase will flush most of the remaining air out of the chamber.

- After the steam flush phase, the cycle will charge with steam to the sterilize temperature.

* NOTE: Sterilizers with separate steam feed only.

STERILIZE time left	CT=XXX C P=XXpsig
------------------------	----------------------

(sterilize phase display)

FAST EXHAUST	CT=XXX C P=XXpsig
-----------------	----------------------

(fast exhaust display)

VACUUM DRY	CT=XXX C P=XXpsig
---------------	----------------------

(vacuum dry display)

DRY time left	CT=XXX C P=XXpsig
------------------	----------------------

(dry phase display)

AIR BREAK	CT=XXX C P=XXpsig
-----------	----------------------

(air break display)

COMPLETE time	CT=XXX C P=XXpsig
------------------	----------------------

(complete display)

LOAD	AABBCC
CHAMBER TEMP MAX=XXX.X C	
CHAMBER TEMP MIN=XXX.X C	
CONDITION =	X:XX
STERILIZE =	X:XX
EXHAUST =	X:XX
TOTAL CYCLE =	X:XX
=====	
= = READY TO UNLOAD = =	
=====	

← AA = Month
BB = Day
CC = Number of cycles run that day

The complete tone sounds, if selected, and the cycle summary and end-of-cycle messages are printed.

←see warning labels

READY TO TEST?
1=YES RESET=CANCEL

(dart test display)

16. Once the cycle is complete, the DART test cycle can be run. Press the Cycle Selector #1 touch pad to begin DART test, or press Reset to bypass the DART test.

Refer to Before Operating the Sterilizer to prepare the unit for running this cycle.

A DART (BOWIE-DICK) test cycle may be run as the first or second cycle only after positioning Control Power switch to POWER. Chamber must be at operating temperature when DART (BOWIE-DICK) test is performed. A Leak Test or a Warm-up cycle should be completed prior to performing DART (Bowie-Dick) test.

Tests such as the DART or BOWIE-DICK are designed to document the removal of residual air from a sample challenge load and should be run before sterilizer use every day.

NOTE: Bypass the PERFORM LEAK TEST? prompt when it appears in the display window, unless a leak test cycle is required at this time. (If required, refer to the Leak Test Cycle description.)

Automatic Operation: DART Cycle

⚠ WARNING - BURN HAZARD: Sterilizer and rack/shelves will be HOT after cycle is run. Always wear protective gloves and apron (also face shield if processing liquids) when loading or unloading the sterilizer.

WARNING-SLIPPING HAZARD: To avoid slippery floor conditions, immediately wipe up any spillage or condensation in sterilizer loading or unloading area(s).

1. Once the leak test has been bypassed or run, the message below appears on the display. Press Cycle Selector #1 touch pad.

STATUS
PERFORM DART TEST?
(BOWIE-DICK) 1=Y 2=N

2. If chamber is at operating temperature, press the Cycle Selector #2 touch pad. If chamber is below operating temperature, a DART Warm-up cycle must be performed. (Refer to Dart Warm-up Cycle description.)

STATUS
IS A WARM-UP CYCLE
REQUIRED? 1=Y 2=N

3. The display below will be shown for 5 seconds. Check that the steam supply to the sterilizer is turned on.

STATUS
PLEASE CHECK STEAM.

4. Press the Cycle Selector #1 touch pad to begin dart cycle.

STATUS
READY TO TEST?
1=YES RESET=CANCEL

NOTE: On completion of the Dart Warm-up cycle, the above display appears. A Dart cycle can also be started at this point.

```

=====
=====  DART  =====
=====
CYCLE START AT TIME
ON
DATE

CYCLE COUNT      00000
OPERATOR         -----
STERILIZER       VAC.

STER TEMP      = 132.0 C
CONTROL TEMP   = 133.5 C
STER TIME      = 0:03:00
DRY TIME       = 0:01:00

PURGE
-----
TIME OF DAY      TIME
CHAMBER PRESS   PRESS P
CHAMBER TEMP    TEMP  C

PULSE VACUUM NUMBER
PULSE CHARGE NUMBER
CHARGE
STEAM FLUSH*
CHARGE*
STERILIZE
FAST EXHAUST
VACUUM DRY
DRY
AIR BREAK
COMPLETE

```

5. DART name and cycle values are printed at the beginning of the cycle.

← total cycles run

← sterilizer identification name

← sterilize temperature

← sterilize temperature plus overdrive

← sterilize time

← dry time

← a. Phase name and the current time, pressure and temperature are printed.

← b. The phase names on the left show the sequence of the cycle. Refer to the following explanation for a complete description of each phase.

DISPLAY WINDOW MESSAGE
SEQUENCE FOR DART CYCLES

```

PULSE      CT=XXX C
X:XX      P=XXpsig

```

(purge phase display)

```

PULSE      CT=XXX C
#1         P=XXpsig

```

(pulse vacuum display)

```

PULSE      CT=XXX C
#1         P=XXpsig

```

(pulse charge display)

```

CHARGE     CT=XXX C
           P=XXpsig

```

(charge phase display)

6. Steam flows through chamber for one minute.

7. After the purge phase, a vacuum is pulled in the chamber for one minute and then down to 10 inHg (0.34 bar). **For units with a vacuum pump there is no one minute wait.**

8. The pulse charge phase begins and the chamber is charged to 26 psig (0.34 bar). One more pulse is then completed (repeat step 7).

9. After the last prevacuum pulse, the chamber charges with steam to the sterilize temperature.

* NOTE: Sterilizers with separate steam feed only.

STEAM FLUSH	CT=XXX C P=XXpsig
----------------	----------------------

(steam flush display)

CHARGE	CT=XXX C P=XXpsig
--------	----------------------

(charge phase display)

STERILIZE time left	CT=XXX C P=XXpsig
------------------------	----------------------

(sterilize phase display)

FAST EXHAUST	CT=XXX C P=XXpsig
-----------------	----------------------

(fast exhaust display)

VACUUM DRY	CT=XXX C P=XXpsig
---------------	----------------------

(vacuum dry display)

DRY time left	CT=XXX C P=XXpsig
------------------	----------------------

(dry phase display)

AIR BREAK	CT=XXX C P=XXpsig
-----------	----------------------

(air break display)

COMPLETE time	CT=XXX C P=XXpsig
------------------	----------------------

(complete display)

LOAD	AABBCC
CHAMBER TEMP MAX=XXX.X C	
CHAMBER TEMP MIN=XXX.X C	
CONDITION = X:XX	
STERILIZE = X:XX	
EXHAUST = X:XX	
TOTAL CYCLE = X:XX	
= = = = =	
= = READY TO UNLOAD = =	
= = = = =	

10. During the charge phase, when pressure is greater than or equal to 6 psig (0.41 bar), the steam flush phase will begin and will continue until the chamber temperature reaches 108° C (226° F). The steam flush phase will flush most of the remaining air out of the chamber. *
11. After the steam flush phase, the cycle will charge with steam to the sterilize temperature. *
12. The sterilize phase begins when chamber temperature is equal to or greater than the sterilize temperature. The steam-to-chamber valve is regulated to maintain the chamber at the sterilize control temperature.
13. After three minutes and thirty seconds, the fast exhaust phase begins. The pressure in the chamber decreases to 3 psig (0.2 bar).
14. When the pressure is equal to or less than 3 psig (0.2 bar), the vacuum dry phase begins. A vacuum is pulled in the chamber to 10 inHg (0.34 bar).
15. After 10 inHg (0.34 bar) is reached, the cycle enters the dry phase. Evacuation of the chamber continues for 1 minute.
16. When the dry phase is complete, the cycle enters the air break phase. Filtered air enters the chamber to relieve the vacuum in the chamber.
15. Ten seconds after the vacuum level reaches 2 inHg (0.068 bar), the cycle is complete.

← AA = Month
BB = Day
CC = Number of cycles run that day

The complete tone sounds, if selected, and the cycle summary and end-of-cycle messages are printed.

←see warning labels

COMPLETE time	CT=XXX C P=XXpsig
------------------	----------------------

(complete display)

DOOR UNLOCKED	CT=XXX C P=XXpsig
------------------	----------------------

(operating end door open)

N.O.E. DOOR UNLOCKED	CT=XXX C P=XXpsig
-------------------------	----------------------

(non-operating end door open)

16. Once the cycle is complete, unlock and open chamber door. The control will automatically reset to current cycle values.
17. After the doors are unlocked and the appropriate safety precautions have been taken, remove the load from the chamber.

* Sterilizers with separate steam feeds only.

Automatic Operation: PREVACUUM Cycle

⚠ WARNING - BURN HAZARD: Sterilizer and rack/shelves will be HOT after cycle is run. Always wear protective gloves and apron (also face shield if processing liquids) when loading or unloading the sterilizer.

⚠ WARNING - SLIPPING HAZARD: To avoid slippery floor conditions, immediately wipe up any spillage or condensation in sterilizer loading or unloading area(s).

```

=====
===== PREVAC =====
=====
CYCLE START AT TIME
                ON DATE

CYCLE COUNT      00000
OPERATOR         -----
STERILIZER       VAC
SKELETON         PREVAC
CYCLE NO.        1

STER TEMP      = 132.0 C
CONTROL TEMP  = 133.5 C
STER TIME      = 0:04:00
DRY TIME       = 0:05:00

PURGE
-----
TIME OF DAY    TIME
CHAMBER PRESS PRESS P
CHAMBER TEMP  TEMP C

PULSE VACUUM NUMBER
VACUUM HOLD*
PULSE CHARGE NUMBER
PRESSURE HOLD**
CHARGE
STEAM FLUSH***
CHARGE***
STERILIZE
FAST EXHAUST
VACUUM DRY
DRY
AIR BREAK
COMPLETE
    
```

Refer to Before Operating the Sterilizer to prepare the unit for running this cycle.

1. Press and release the corresponding Cycle Selector touch pad (1, 2, 3 or 4) for PREVACUUM cycle. Press and release the touch pad a second time within five seconds to begin cycle.

STATUS	
1=PREVAC	3=GRAVITY
2=PREVAC	4=LIQUID

NOTE: A complete cycle printout of all values can be obtained any time during cycle by pressing PRINT VALUES on the printer function switch. To obtain a cycle printout out of cycle, press the corresponding Cycle Selector touch pad (1, 2, 3 or 4) and press PRINT VALUES within five seconds.

2. The cycle name and cycle values are printed at the beginning of the cycle.

- a. Cycle Skeleton: PREVAC.
- b. Cycle Number: 1, 2, 3 or 4. (1a, 2a, 3a, ...)

- ← sterilize temperature
- ← sterilize temperature plus overdrive
- ← sterilize time
- ← dry time

- ← c. Phase name and the current time, pressure and temperature are printed.

- ← d. The phase names on the left show the sequence of the cycle. Refer to the following explanation for a complete description of each phase.

**Only present if V1 HOLD is greater than 0.*

***Only present if P1 HOLD is greater than 0.*

**** Sterilizers with separate steam feeds only*

DISPLAY WINDOW MESSAGE
SEQUENCE FOR PREVAC CYCLES

PURGE XXX	CT=XXX C P=XXpsig
--------------	----------------------

(purge phase display)

PULSE #1	CT=XXX C P=XXpsig
-------------	----------------------

(pulse vacuum display)

VAC HOLD time left	CT=XXX C P=XXpsig
-----------------------	----------------------

(Vac hold display)

PULSE #1	CT=XXX C P=XXpsig
-------------	----------------------

(pulse charge display)

PRES HOLD time left	CT=XXX C P=XXpsig
------------------------	----------------------

(Preshold display)

CHARGE	CT=XXX C P=XXpsig
--------	----------------------

(charge phase display)

STEAM FLUSH	CT=XXX C P=XXpsig
----------------	----------------------

(steam flush display)

CHARGE	CT=XXX C P=XXpsig
--------	----------------------

(charge phase display)

STERILIZE time left	CT=XXX C P=XXpsig
------------------------	----------------------

(sterilize phase display)

FAST EXHAUST	CT=XXX C P=XXpsig
-----------------	----------------------

(fast exhaust display)

VACUUM DRY	CT=XXX C P=XXpsig
---------------	----------------------

(vacuum dry display)

DRY time left	CT=XXX C P=XXpsig
------------------	----------------------

(dry phase display)

AIR BREAK	CT=XXX C P=XXpsig
-----------	----------------------

(air break display)

COMPLETE time	CT=XXX C P=XXpsig
------------------	----------------------

(complete display)

3. Steam flows through chamber for selected time interval.
4. After the purge phase, a vacuum is pulled in the chamber for one minute and then down to the V1 vacuum parameter. **For units with a vacuum pump, there is no one minute wait.**
5. If the VAC (V1) HOLD parameter is greater than 0, the cycle holds at the current vacuum level for that amount of time.
6. The pulse charges to the P1 pressure parameter.
7. If the PRES (P1) HOLD parameter is greater than 0, the cycle holds at the P1 pressure point for that amount of time.
8. After the last prevacuum pulse, the chamber charges with steam.
9. During the charge phase, when pressure is greater than or equal to the steam flush pressure point, FP, (default 6 psig or 0.41 bar), the steam flush phase will begin and will continue until the chamber temperature reaches the steam flush temperature point, FT, (default 108° C or 226° F). The steam flush phase will flush most of the remaining air out of the chamber. **
10. After the steam flush phase, the cycle will charge with steam to the sterilize temperature. **
11. The sterilize phase begins when chamber temperature is equal to or greater than the sterilize temperature. The steam-to-chamber valve is regulated to maintain the chamber at the sterilize control temperature.
12. When the sterilize time is expired, the fast exhaust phase begins. The pressure in the chamber decreases to 3 psig (0.2 bar).
13. When the pressure is equal to or less than 3 psig (0.2 bar), the vacuum dry phase begins. A vacuum is pulled in the chamber to the dry vacuum point.
14. After the dry vacuum point is reached, the cycle enters the dry phase. Evacuation of the chamber continues for the selected time interval.
15. When dry phase is complete, the cycle enters the air break phase. Filtered air enters the chamber to relieve the vacuum in the chamber.
16. Ten seconds after the vacuum level reaches 2 inHg (0.068 bar), the cycle is complete.

** Sterilizers with separate steam feeds only

```

LOAD                AABBC
CHAMBER TEMP MAX=XXX.X C
CHAMBER TEMP MIN=XXX.X C

CONDITION          = X:XX
STERILIZE           = X:XX
EXHAUST            = X:XX
TOTAL CYCLE        = X:XX

= = = = =
= =  READY TO UNLOAD  = =
= = = = =

```

←AA = Month; BB = Day; CC = Number of cycles run that day

The complete tone sounds, if selected, and the cycle summary and end-of-cycle messages are printed.

←see warning labels

```

COMPLETE           CT=XXX C
time               P=XXpsig

```

(complete display)

```

DOOR               CT=XXX C
UNLOCKED           P=XXpsig

```

(operating end door open)

```

N.O.E. DOOR        CT=XXX C
UNLOCKED           P=XXpsig

```

(non-operating end door open)

17. Once the cycle is complete, unlock and open chamber door. The control will automatically reset to current cycle values.

18. After the doors are unlocked and the appropriate safety precautions have been taken, remove the load from the chamber.

Automatic Operation: GRAVITY Cycle

Refer to Before Operating the Sterilizer to prepare the unit for running this cycle.

1. Press and release the corresponding Cycle Selector touch pad (1, 2, 3 or 4) for GRAVITY cycle. Press and release the touch pad a second time within five seconds to begin cycle.

⚠ WARNING - BURN HAZARD: Sterilizer and rack/shelves will be HOT after cycle is run. Always wear protective gloves and apron (also face shield if processing liquids) when loading or unloading the sterilizer.

⚠ WARNING - SLIPPING HAZARD: To avoid slippery floor conditions, immediately wipe up any spillage or condensation in sterilizer loading or unloading area(s).

```

STATUS
1=PREVAC           3=GRAVITY
2=PREVAC           4=LIQUID

```

NOTE: A complete cycle printout of all values can be obtained any time during cycle by pressing PRINT VALUES on the printer function switch. To obtain a cycle printout out of cycle, press the corresponding Cycle Selector touch pad (1, 2, 3 or 4) and press PRINT VALUES within five seconds.

```

=====
===== GRAVITY =====
=====
CYCLE START AT TIME
          ON DATE

CYCLE COUNT      00000
OPERATOR         -----
STERILIZER       VAC
SKELETON         GRAVITY
CYCLE NO.        3

STER TEMP      = 132.0 C
CONTROL TEMP   = 133.5 C
STER TIME      = 0:30:00
DRY TIME       = 0:30:00

PURGE
-----
TIME OF DAY     TIME
CHAMBER PRESS   PRESS P
CHAMBER TEMP    TEMP C

CHARGE
STEAM FLUSH*
CHARGE*
STERILIZE
FAST EXHAUST
VACUUM DRY
DRY
AIR BREAK
COMPLETE

```

2. The cycle name and cycle values are printed at the beginning of the cycle.

- a. Cycle Skeleton: GRAVITY.
- b. Cycle Number: 1, 2, 3 or 4. (1a, 2a, 3a, ...)

- ← sterilize temperature
- ← sterilize temperature plus overdrive
- ← sterilize time
- ← dry time

← c. Phase name and the current time, pressure and temperature are printed.

← d. The phase names on the left show the sequence of the cycle. Refer to the following explanation for a complete description of each phase.

DISPLAY WINDOW MESSAGE SEQUENCE FOR GRAVITY CYCLES

```

PURGE      CT=XXX C
X:XX      P=XXpsig

```

(purge phase display)

```

CHARGE     CT=XXX C
           P=XXpsig

```

(charge phase display)

```

STEAM     CT=XXX C
FLUSH     P=XXpsig

```

(steam flush display)

```

CHARGE     CT=XXX C
           P=XXpsig

```

(charge phase display)

```

STERILIZE CT=XXX C
time left P=XXpsig

```

(sterilize phase display)

```

FAST      CT=XXX C
EXHAUST   P=XXpsig

```

(fast exhaust display)

3. Steam flows through chamber for selected time interval.

4. After the purge phase, the chamber charges with steam.

5. During the charge phase, when pressure is greater than or equal to the steam flush pressure point, FP, (default 6 psig or 0.41 bar), the steam flush phase will begin and will continue until the chamber temperature reaches the steam flush temperature point, FT, (default 108° C or 226° F). The steam flush phase will flush most of the remaining air out of the chamber. *

6. After the steam flush phase, the cycle will charge with steam to the sterilize temperature. *

7. The sterilize phase begins when chamber temperature is equal to or greater than the sterilize temperature. The steam-to-chamber valve is regulated to maintain the chamber at the sterilize control temperature.

8. When the sterilize time is expired, the fast exhaust phase begins. The pressure in the chamber decreases to 3 psig (0.2 bar).

* Sterilizers with separate steam feeds only

VACUUM DRY	CT=XXX C P=XXpsig
---------------	----------------------

(vacuum dry display)

DRY time left	CT=XXX C P=XXpsig
------------------	----------------------

(dry phase display)

AIR BREAK	CT=XXX C P=XXpsig
-----------	----------------------

(air break display)

COMPLETE time	CT=XXX C P=XXpsig
------------------	----------------------

(complete display)

9. When the pressure is equal to or less than 3 psig (0.2 bar), the vacuum dry phase begins. A vacuum is pulled in the chamber to the vacuum dry point.

10. After the dry vacuum point is reached, the cycle enters the dry phase. Evacuation of the chamber continues for the selected time interval.

11. When dry phase is complete, the cycle enters the air break phase. Filtered air enters the chamber to relieve the vacuum in the chamber.

NOTE: If there is pressure in the chamber at the end of the dry phase, air break phase will be replaced with a vent phase. During vent phase, remaining pressure is vented from the chamber.

12. Ten seconds after the vacuum level reaches 2 inHg (0.068 bar), the cycle is complete.

LOAD	AABBCC
CHAMBER TEMP MAX=XXX.X C	
CHAMBER TEMP MIN=XXX.X C	
CONDITION = X:XX	
STERILIZE = X:XX	
EXHAUST = X:XX	
TOTAL CYCLE = X:XX	
= = = = =	
= = READY TO UNLOAD = =	
= = = = =	

←AA = Month; BB = Day; CC = Number of cycles run that day

The complete tone sounds, if selected, and the cycle summary and end-of-cycle messages are printed.

←see warning labels

COMPLETE time	CT=XXX C P=XXpsig
------------------	----------------------

(complete display)

DOOR UNLOCKED	CT=XXX C P=XXpsig
------------------	----------------------

(operating end door open)

N.O.E. DOOR UNLOCKED	CT=XXX C P=XXpsig
-------------------------	----------------------

(non-operating end door open)

13. Once the cycle is complete, unlock and open chamber door. The control will automatically reset to current cycle values.

14. After the doors are unlocked and the appropriate safety precautions have been taken, remove the load from the chamber.

Automatic Operation: LIQUID Cycle

Refer to Before Operating the Sterilizer to prepare the unit for running this cycle.

1. Press and release the corresponding Cycle Selector touch pad (1, 2, 3 or 4) for LIQUID cycle. Press and release the touch pad a second time within five seconds to begin cycle.

⚠ WARNING - EXPLOSION HAZARD: This sterilizer is not designed to process flammable liquids.

⚠ WARNING - BURN HAZARD: When sterilizing liquids, to prevent personal injury or property damage resulting from bursting bottles and hot fluid, you must observe the following procedures:

- Use LIQUID cycle only. No other cycle is safe for processing liquids.
- Use only vented closures – do not use screw caps or rubber stoppers with crimped seal.
- Use only Type I borosilicate glass bottles – do not use ordinary glass bottles or any container not designed for sterilization.

⚠ WARNING - BURN HAZARD: Sterilizer and rack/shelves will be HOT after cycle is run. Always wear protective gloves and apron (also face shield if processing liquids) when loading or unloading the sterilizer.

⚠ WARNING - SLIPPING HAZARD: To avoid slippery floor conditions, immediately wipe up any spillage or condensation in sterilizer loading or unloading area(s).

STATUS	
1=PREVAC	3=GRAVITY
2=PREVAC	4=LIQUID

NOTE: A complete cycle printout of all values can be obtained any time during cycle by pressing PRINT VALUES on the printer function switch. To obtain a cycle printout out of cycle, press the corresponding Cycle Selector touch pad (1, 2, 3 or 4) and press PRINT VALUES within five seconds.

```

=====
===== LIQUID =====
=====
CYCLE START AT TIME
          ON DATE

CYCLE COUNT      00000
OPERATOR         -----
STERILIZER       VAC
SKELETON         LIQUID
CYCLE NO.        4

STER TEMP      = 121.0 C
CONTROL TEMP   = 122.5 C
STER TIME      = 0:45:00

PURGE
-----
TIME OF DAY    TIME
CHAMBER PRESS  PRESS P
CHAMBER TEMP   TEMP C

CHARGE
STEAM FLUSH*
CHARGE*
STERILIZE
SLOW EXHAUST
COMPLETE

```

2. The cycle name and cycle values are printed at the beginning of the cycle.

- a. Cycle Skeleton: LIQUID.
- b. Cycle Number: 1, 2, 3 or 4. (1a, 2a, 3a, ...)

← sterilize temperature
 ← sterilize temperature plus overdrive
 ← sterilize time

← c. Phase name and the current time, pressure and temperature are printed.

← d. The phase names on the left show the sequence of the cycle. Refer to the following explanation for a complete description of each phase.

DISPLAY WINDOW MESSAGE SEQUENCE FOR LIQUID CYCLES

```

PURGE      CT=XXX C
X:XX      P=XXpsig

```

(purge phase display)

```

CHARGE     CT=XXX C
           P=XXpsig

```

(charge phase display)

```

STEAM     CT=XXX C
FLUSH     P=XXpsig

```

(steam flush display)

```

CHARGE     CT=XXX C
           P=XXpsig

```

(charge phase display)

```

STERILIZE  CT=XXX C
time left  P=XXpsig

```

(sterilize phase display)

```

SLOW     CT=XXX C
EXHAUST  P=XXpsig

```

(slow exhaust display)

- alternates with -

```

WARNING     CT=XXX C
HOT LIQUIDS P=XXpsig

```

(warning display)

3. Steam flows through chamber for selected time interval.
4. After the purge phase, the chamber charges with steam.
5. During the charge phase, when pressure is greater than or equal to the steam flush pressure point, FP, (default 6 psig or 0.41 bar), the steam flush phase will begin and will continue until the chamber temperature reaches the steam flush temperature point, FT, (default 108° C or 226° F). The steam flush phase will flush most of the remaining air out of the chamber. *
6. After the steam flush phase, the cycle will charge with steam to the sterilize temperature. *
7. The sterilize phase begins when chamber temperature is equal to or greater than the sterilize temperature. The steam-to-chamber valve is regulated to maintain the chamber at the sterilize control temperature.
8. When the sterilize time has expired, the slow exhaust phase will begin. Steam to the jacket is turned OFF. If the unit has Optimal Solution Cooling, (this is identified by the unit having a valve numbered 13 - see piping or electrical schematic), slow exhaust will continue until pressure reaches .5 psig (.03 bar), otherwise, slow exhaust will end when pressure reaches the P3 setpoint, (default of 3.0 psig or 0.2 bar).

* sterilizers with separate steam feeds only.

```

VENT          CT=XXX C
              P=XXpsig
  
```

(vent display)

```

WARNING      CT=XXX C
HOT LIQUIDS  P=XXpsig
  
```

(warning display)

- alternates with -

```

OPEN DOOR    CT=XXX C
1" WAIT 10m  P=XXpsig
  
```

(instructional message)

10. The vent phase will vent the remaining pressure from the chamber (only on units without Optimal Solution Cooling).

11. The cycle is complete.

```

LOAD          AABCC
CHAMBER TEMP MAX=XXX.X C
CHAMBER TEMP MIN=XXX.X C

CONDITION     =   X:XX
STERILIZE     =   X:XX
EXHAUST       =   X:XX
TOTAL CYCLE   =   X:XX

+ + + + + + + + + + + + +
+           WARNING           +
+       HOT LIQUIDS           +
+   OPEN DOOR 1IN. (3CM)     +
+ + + + + + + + + + + + +
+   DOOR OPEN   TIME         +

= = = = = = = = = = = = =
= =   READY TO UNLOAD   = =
= = = = = = = = = = = = =
  
```

←AA = Month; BB = Day; CC = Number of cycles run that day.

The ALARM tone sounds, for 3 seconds and the cycle summary and end-of-cycle messages are printed.

←see warning labels

! WARNING - BURN HAZARD: When sterilizing liquids, to prevent personal injury or property damage resulting from bursting bottles and hot fluid, you must observe the following procedures:

- Avoid sudden full opening of door at end of cycle. Open sterilizer door no more than one inch and wait at least 10 minutes before unloading sterilizer.
- Do not allow hot bottles to be jolted. This can cause hot-bottle explosions! Do not move bottles if any boiling or bubbling is present.
- Allow bottles to cool to touch before attempting to move them from sterilizer cart to the storage area.

UNLOAD IN 10:00	CT=XXX C P=XXpsig
--------------------	----------------------

(cool down period)

- alternates with -

WARNING HOT LIQUIDS	CT=XXX C P=XXpsig
------------------------	----------------------

(warning display)

DOOR UNLOCKED	CT=XXX C P=XXpsig
------------------	----------------------

(operating end door open)

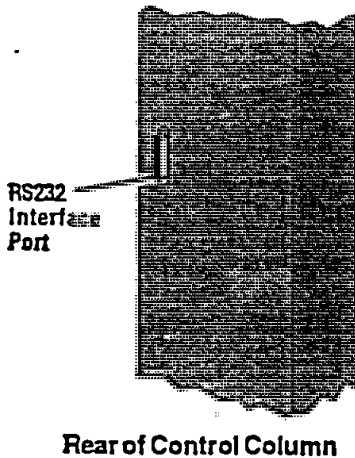
N.O.E. DOOR UNLOCKED	CT=XXX C P=XXpsig
-------------------------	----------------------

(non-operating end door open)

11. Once the cycle is complete, unlock and **open chamber door one inch**. Allow load to cool for 10 minutes.

12. After 10 minutes, the complete tone sounds, if selected. Fully open door and remove load from chamber. The control will automatically reset to current cycle values.

13. Close door immediately after unloading. This will activate steam to the jacket and warm up the sterilizer for the next cycle to be run. Steam to the jacket can also be activated by pressing the RESET touchpad.



Rear of Control Column
Figure 7-1. RS232 Port Location

An RS232 Interface Port is provided, and is located at the rear of the control column near the middle (see Figure 7-1).

NOTE: A RS232 interface cable is required. The cable is wired as follows (see Table 7-1 for proper settings):

Back of Control Column Pins	Data Acquisition System Pins
2	2
3	3
7	7

1. The data will only be sent out the RS232 during cycle.
2. The status data during cycle will be sent out continuously.
3. Each line will contain the following:
 - a. Start byte (02 HEX, which is a smiling face in ascii).
 - b. Data in ascii of the status line.
 - c. Checksum in ascii.

The checksum is calculated as follows:

All of the hex values in the status line from the start byte to the stop byte, excluding the 0D hex for carriage return and the checksum itself, are added together. As an example, if the value of the checksum is 3B5, the checksum is displayed with only the two right most digits (B5 hex). So, the value of the checksum in ascii is displayed as (=).

- d. Carriage return (0D hex).
- e. Stop byte (03 hex, which is a heart in ascii).

FUNCTION	SETTING
RxRTS control	yes
RxINT select	no
Error mode	character
Parity	no parity
Parity type	even
Bits per character	eight
Channel mode	normal
TxRTS	yes
CTS enable	no
Stop bit length	1.00
Receive baud rate and Transmit baud rate	4800

Table 7-1. RS232 Settings

4. Parts of the status line.

Start Byte	Status Line	Checksum	Carriage Return	Stop Byte
---------------	-------------	----------	--------------------	--------------

5. The following status lines will be printed:

	XX:XX:XX	← time of day
	XX.X P	← pressure
	XXX.X C	← chamber drain temperature
optional	XXX.X C	← chamber drain temperature
optional	XXX.X C	← load temperature
optional	XXX.X	← Fo value

See the Service and Maintenance Procedure for explanation on how to correct or prevent the alarms.

1. **TOO LONG IN CHARGE (TLIC)** - This alarm occurs during the charging phase of the cycle. If the total time during the charge phase is greater than the TLIC parameter, an alarm will sound. The following will be printed:

```
*ALARM
TOO LONG IN CHARGE
-----
STATUS...
```

2. **TOO LONG IN STERILIZE** - This alarm occurs during the sterilize phase of the cycle when the total sterilize time exceeds the set sterilize time by 15 minutes (this can occur if continued overtemp or undertemp alarms occur). If the alarm occurs, an alarm will sound, the following will be printed:

```
*ALARM
TOO LONG IN STERILIZE
-----
STATUS...
```

and the display will show:

STATUS	
COMPONENT	CT = XXX C
FAILURE	P = XXpsig

- alternating with -

STATUS	
*ALARM	CT = XXX C
	P = XXpsig

3. **TOO LONG IN EXHAUST (TLIE)** - This alarm occurs during the fast exhaust phase of the Prevacuum or Gravity cycle whenever the sterilizer takes longer than the TLIE parameter to exhaust (to 1 psig, 0.07 bar) during vacuum pulses and to 3 psig [0.2 bar] during fast exhaust phase). If the alarm occurs, an alarm will sound and the following will be printed:

```
*ALARM
TOO LONG IN FAST EXHAUST
-----
STATUS...
```

or

```
*ALARM
TOO LONG IN EXHAUST
-----
STATUS...
```

4. **TOO LONG IN SLOW EXHAUST (TLIS)** - This alarm occurs during the slow exhaust phase of the Liquid cycle whenever the sterilizer takes longer than the TLIS parameter to slow exhaust. If the alarm occurs, an alarm will sound and the following will be printed:

```
*ALARM
TOO LONG IN SLOW EXHAUST
-----
STATUS...
```

5. **EXHAUST RATE FAILURE** - This alarm occurs only during the slow exhaust phase of the Liquid cycle whenever the pressure does not drop after S3 is turned on (S3 turns on if rate cannot be met by S13 valve) or if pressure drops too rapidly. If an alarm occurs, the cycle will abort, an alarm will sound, the following will be printed:

```
* ALARM
FAILURE READING PRESSURE
-----
STATUS...
```

and the display will show:

STATUS	
COMPONENT	CT = XXX C
FAILURE	P = XXpsig

- alternating with -

STATUS	
*ALARM	CT = XXX C
	P = XXpsig

6. **TOO LONG IN EVACUATION (TLIV)** - This alarm occurs during the dry vacuum phase or during the prevac vacuum pulses of the Prevacuum cycle whenever the sterilizer takes longer than the TLIV parameter to reach the DRY VACUUM point or the V1 parameter. If the alarm occurs, an alarm will sound and the following will be printed:

```
*ALARM
TOO LONG IN EVACUATION
-----
STATUS...
```

7. **TOO LONG IN AIR BREAK** - This alarm occurs during the air break phase of the cycle whenever the sterilizer takes more than 5 minutes to air break to 2 inHg (0.068 bar). If the alarm occurs, an alarm will sound and the following will be printed:

```
*ALARM
TOO LONG IN AIR BREAK
-----
STATUS...
```


8. **UNDER TEMPERATURE ALARM** - This alarm will occur during the sterilize phase of the cycle whenever the chamber drain temperature falls below the set sterilize temperature. If the alarm occurs, an alarm will sound, the following will be printed:

*UNDERTEMP

STATUS...

and the display will show:

STATUS	
STERILIZE	CT=XXX C
UNDERTEMP	P=XXpsig

After the chamber drain temperature rises above the set sterilize temperature the alarm will silence and the following will be printed:

TEMP MIN = XXX.X C

STERILIZE

STATUS...

9. **OVER TEMPERATURE ALARM** - This alarm occurs in the sterilize phase of the cycle when chamber drain temperature rises above the control temperature by the OVERTEMP parameter. If the alarm occurs, an alarm will sound, the following will be printed:

*OVERTEMP

STATUS...

and the display will show:

STATUS	
STERILIZE	CT=XXX C
OVERTEMP	P=XXpsig

The sterilize phase will resume with the same amount of time on the display when the overtemp occurred. The following will be printed:

TEMP MAX = XXX.X C

STERILIZE

STATUS...

10. **DOOR UNLOCKED (IN CYCLE)** - This alarm occurs any time a door switch opens while in cycle. The cycle will automatically abort and the printer will record the following information.

*DOOR OPEN TIME

*ABORT TIME

and if there is pressure in the chamber...

*ALARM
PRESSURE IN CHAMBER
WITH DOOR UNLOCKED

STATUS...

The following message will be displayed for several seconds.

STATUS
* ABORT *

and if there is pressure in the chamber...

STATUS
PRESSURE CT=XXX C
IN CHAMBER P=XXpsig

11. **PRESSURE IN CHAMBER** - This alarm will occur out of cycle and when the pressure is above 2 psig (0.14 bar). If the alarm occurs, pressure is exhausted and the printer will print the following:

* WARNING TIME
PRESSURE IN CHAMBER

STATUS...

and the display will show:

STATUS
PRESSURE CT=XXX C
IN CHAMBER P=XXpsig

If the door is open when the pressure is above 2 psig (0.14 bar), the printer will print:

```
* WARNING   TIME  
PRESSURE IN CHAMBER  
WITH DOOR UNLOCKED
```

STATUS...

and the display will show:

STATUS	
PRESSURE	CT=XXX C
IN CHAMBER	P=XXpsig

12. **VACUUM SYSTEM FAILURE** - This alarm occurs during the dry phase of a cycle if the vacuum level should decrease by more than 2 inHg (0.067 bar). If the alarm occurs, the printer will print the following:

```
VACUUM SYSTEM FAILURE
```

STATUS...

13. **STEAM TABLE DEVIATION** - This alarm occurs after 1 minute in the sterilize phase of a cycle if the pressure does not match the steam table pressure within 5 psig. If an alarm occurs, an alarm will sound, the following will be printed:

```
STEAM TABLE DEVIATION
```

STATUS...

and the display will show:

STATUS	
COMPONENT	CT = XXX C
FAILURE	P = XXpsig

- alternating with -

STATUS	
*ALARM	CT = XXX C
	P = XXpsig

NOTE: This alarm will not be active if pressure units are in bars.

14. **FAILURE READING TEMPERATURE** - This alarm occurs any time the chamber drain temperature reading is greater than 142.5°C or less than 0°C. If an alarm occurs, an alarm will sound, the following will be printed:

```
* ALARM
FAILURE READING TEMP
-----
STATUS...
```

and the display will show:

STATUS	
COMPONENT	CT = XXX C
FAILURE	P = XXpsig

- alternating with -

STATUS	
*ALARM	CT = XXX C
	P = XXpsig

15. **FAILURE READING PRESSURE** - This alarm occurs any time the pressure reading is greater than 40 psig. If an alarm occurs, an alarm will sound, the following will be printed:

```
* ALARM
FAILURE READING PRESSURE
-----
STATUS...
```

and the display will show:

STATUS	
COMPONENT	CT = XXX C
FAILURE	P = XXpsig

- alternating with -

STATUS	
*ALARM	CT = XXX C
	P = XXpsig

16. **FAILURE READING TEMP/PRES** - This alarm occurs any time the chamber drain temperature and the chamber pressure do not correlate. For example: chamber drain temperature less than 18°C and pressure greater than 15 psig. If an alarm occurs, an alarm will sound, the following will be printed:

```
* ALARM
FAILURE READING TEMP/PRES
-----
STATUS. . .
```

and the display will show:

STATUS	
COMPONENT	CT = XXX C
FAILURE	P = XXpsig

- alternating with -

STATUS	
*ALARM	CT = XXX C
	P = XXpsig

17. **ABORT IN LIQUID CYCLE** - This alarm will occur if the RESET touch pad is pressed during the Liquid cycle after the purge phase. If the alarm occurs, an alarm will sound and the following will be printed:

```
* ABORT TIME
-----
* WARNING
PRESSURE IN CHAMBER
-----
STATUS. . .
```

and then the following will be displayed for several seconds:

STATUS	
* ABORT *	

and then the display will alternately show:

STATUS	
SLOW	CT=XXX C
EXHAUST	P = XXpsig

- and -

STATUS	
WARNING	CT = XXX C
HOT LIQUIDS	P = XXpsig

The sterilizer will slow exhaust, then the buzzer will sound and the following will print:

```
+++++  
+          WARNING          +  
+        HOT LIQUIDS        +  
+   OPEN DOOR 1in. (3cm)   +  
+   AND UNLOAD IN 10 min.  +  
+++++
```

The display will alternately show:

STATUS	
WARNING	CT=XXX C
HOT LIQUIDS	P=XXpsig

- and -

STATUS	
OPEN DOOR	CT = XXX C
1" WAIT 10M	P = XXpsig

Pressing the RESET touch pad at this point will only repeat the above message. In order to exit to the READY mode, open the door 1 inch ONLY (see warning messages) and then press RESET. The display will show:

STATUS	
WARNING HOT LIQUIDS!	
PLEASE READ PRINTOUT	

and the following will print:

```
* ABORT ATTEMPTED  
WARNING HOT LIQUIDS!  
ABORT MAY BE DANGEROUS  
CONTINUE COOLING BY  
PRESSING #1  
TO ABORT PRESS RESET
```

Pressing the RESET touch pad will exit to the READY mode. Pressing cycle selector #1 touch pad will continue the warning messages.

SUMMARY OF WARNINGS AND CAUTIONS

1

Refer to the Warnings and Cautions in the Operating Procedure that are to be observed when operating or servicing this unit. WARNINGS indicate the potential for danger to personnel, and CAUTIONS indicate the potential for damage to equipment. The precautions are repeated (in whole or part) where applicable throughout the manual. Carefully read all safety precautions before proceeding to use or service the unit.

JACKET FLOODED SWITCH

2

Displays and Printouts

The sterilizer is equipped with a jacket flooded switch to detect if the jacket has flooded. If an alarm occurs, the alarm will sound and the printer will print:

```
* ALARM  
JACKET FLOODED
```

```
-----  
STATUS...
```

The display will show:

STATUS	
COMPONENT	CT=XXX C
FAILURE	P=XXPSIG

and

STATUS	
*ALARM	CT=XXX C
	P=XXPSIG

The cycle will abort. See the service and maintenance procedure Manual for further information.

Operating Procedure
Jacket Steam Feed/Manual Control
Eagle 3000 Series Sterilizers

(11-13-92)

P-387342-988 Rev. 0

A WORD FROM AMSCO

This manual contains important information on proper use of this sterilizer. All operators and department heads are urged to carefully review and become familiar with the warnings, cautions and instructions contained herein. This sterilizer is specifically designed to process goods using only the cycles as specified in this manual. If there is any doubt about a specific material or product, contact the manufacturer of the product for the recommended sterilization technique.

Service Information

A thorough preventive maintenance program is essential to safe and proper operation of this sterilizer. You are encouraged to contact AMSCO concerning our Preventive Maintenance Agreement. Under terms of this agreement, preventive maintenance, adjustments, and replacement of worn parts are done on a scheduled basis to assure equipment performance at peak capability and to help avoid untimely or costly interruptions. AMSCO maintains a nationwide staff of well-equipped, factory-trained technicians to provide this service, as well as expert repair services. Contact your AMSCO representative for details.

AMSCO carries a complete line of accessories for this unit to simplify, organize and assure sterility of the sterilization process. Instrument trays, Vantage and DEXTEx wraps and biological/chemical monitoring systems are all available to fulfill your facility's processing needs. An AMSCO representative will gladly review these with you.

Advisory

A summary of the safety precautions to be observed when operating this equipment can be found in Section 1 of this manual and behind the upper access panel of the unit. Do not operate the sterilizer until you have become familiar with this information.

This sterilizer is not designed to process flammable liquids nor liquids in containers that are not designed for sterilization. Any alteration of the sterilizer which affects its operation will void the warranty and could violate state and local regulations and jeopardize insurance coverage.

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SUMMARY OF WARNINGS AND CAUTIONS

1

Refer to the Warnings and Cautions in the Operating Procedure that are to be observed when operating or servicing this unit. WARNINGS indicate the potential for danger to personnel, and CAUTIONS indicate the potential for damage to equipment. The precautions are repeated (in whole or part) where applicable throughout the manual. Carefully read all safety precautions before proceeding to use or service the unit.

Hi-Lo Valve



WARNING-Only qualified AMSCO service technicians should make adjustments described herein.

The sterilizer is equipped with one steam supply feeding the jacket. The chamber receives steam directly from the jacket.

Adjustment of the HI-LO valve (steam control valve) for sterilization at temperatures other than 250° and 270° F.

The HI-LO valve (steam control valve) on the sterilizer was set to operate 250° F and 270° F cycles. If sterilization procedures require processing at temperatures other than factory set temperatures, it will be necessary to reset the HI-LO valve.

Cycles above 270° F are limited by the pressure rating of the sterilizer. Pressure in the jacket should be set no higher than 3 to 4 psig below the pressure rating. All steam sterilizers are rated at 40 psig, therefore the jacket should run at no higher than 36-37 psig. Therefore cycles above 275° F are not feasible.

Adjustment of the HI-LO valve will require the use of a calibrated pressure gauge installed on the sterilizer jacket and should be performed by a qualified service technician. Adjust as follows:

Refer to figures on the next pages.

1. Locate the HI-LO valve (mounted directly behind the upper access panel).
2. Loosen the setscrew on the front locknut if cycles at less than 250° F are to be run. Loosen the setscrew on the rear locknut if cycles above 270° F are to be run.
3. Observe jacket pressure on the calibrated compound gauge. Adjust clockwise to increase pressure. Rotate counterclockwise to decrease pressure. When desired pressure is set, turn locknut against the stop. Tighten setscrew.

Note that operation at 250° and 270° F will require readjustment of the HI-LO valve.

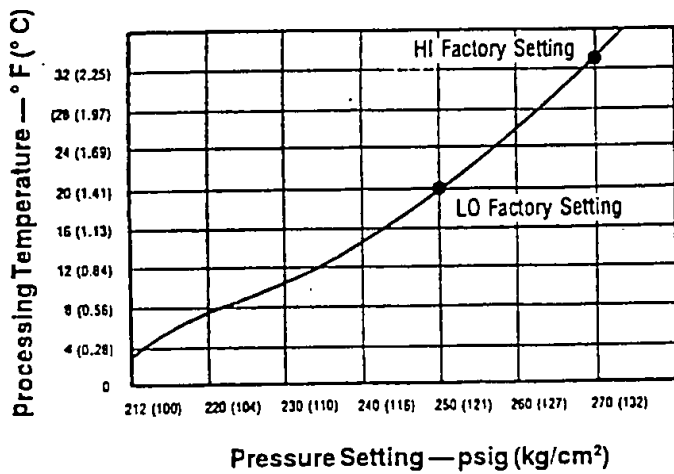
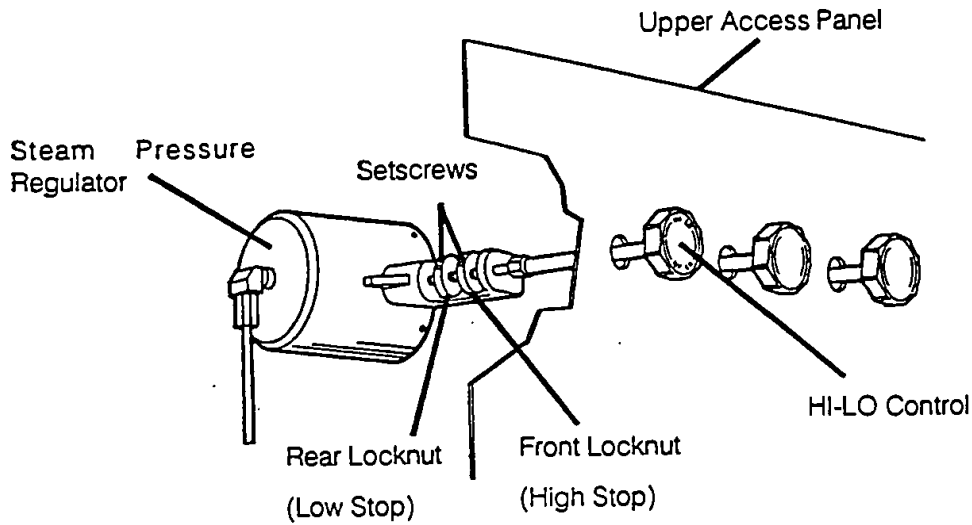



Figure 1. Adjusting Pressure Regulator

**Manual Operation:
GRAVITY or
LIQUIDS Cycle
Only**

The operator should only run a manual cycle if the control column has malfunctioned. Only Liquid and Gravity cycles can be run using the manual control. Any cycles using the Vacuum capabilities of the sterilizer are not possible. If steam is not available or if the optional electric steam generator is not functioning, a manual cycle cannot be run.

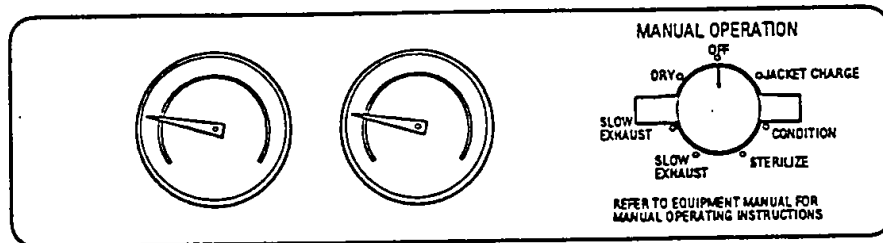
NOTE: *The sterilizer control must be OFF in order to run a manual cycle*

1. Check that chamber drain strainer is clean and in place and that chamber interior is clean. (See Service and Maintenance Procedures, if cleaning is necessary.)
2. Open printer door and verify sterilizer POWER switch is OFF.
3. Open upper access door and check that manual control is turned to ON.
4. Turn STEAM and WATER valves to ON.
 - Steam enters jacket and begins to warm chamber.
5. Select desired processing temperature.
6. Set HI-LO valve to 121° C (250° F) for LIQUIDS cycle or to 121° C (250° F) or 132° C (270° F) for GRAVITY cycle.
7. Wait until jacket pressure has stabilized before starting a cycle.
8. Unlock and open chamber door. (See Manual Door Operation)
9. Load the chamber.
10. Close and lock chamber door. (See Manual Door Operation)
11. Turn Manual Operation selector to CONDITION and wait sixty seconds, then proceed to next step.
12. Turn selector to STERILIZE and wait until chamber reaches desired pressure.
13. Time the desired sterilization period and when completed, proceed to step 14.a. if a LIQUIDS cycle, 14.b. if a GRAVITY Cycle (Wrapped Goods), or 14.c. if a GRAVITY Cycle (Unwrapped Goods).
14. Cycles:
 - a. LIQUIDS Cycle:
 - 1) Turn selector to SLOW EXHAUST and keep it in this position until chamber pressure is atmospheric (0 psig).
 - 2) Turn selector to OFF position (omit Dry phase).
 - 3) Open door one inch and wait at least 10 minutes until bubbling and boiling of solutions has ceased.

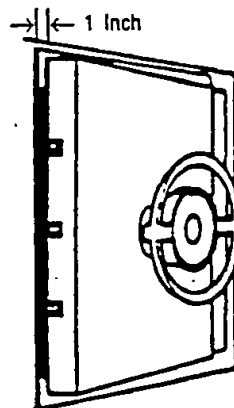
 **WARNING- BURN HAZARD.** With power off and running a manual cycle, the flood sensing system is not operating.

c. GRAVITY Cycle (Unwrapped Goods)

- 1) Turn selector to FAST EXHAUST and keep it in this position until chamber pressure is atmospheric (0 psig).
 - 2) Turn selector to OFF position (omit DRY phase*).
15. Open door (see Manual Door Operation) and unload chamber.



Manual Control



Open Door One Inch

Operating Procedure

Door Interlocks

Eagle 3000 Series Sterilizers

(3-29-94)

P-387342-990 Rev. 1

A WORD FROM AMSCO

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A thorough preventive maintenance program is essential to safe and proper operation of this sterilizer. You are encouraged to contact AMSCO concerning our Preventive Maintenance Agreement. Under terms of this agreement, preventive maintenance, adjustments, and replacement of worn parts are done on a scheduled basis to assure equipment performance at peak capability and to help avoid untimely or costly interruptions. AMSCO maintains a nationwide staff of well-equipped, factory-trained technicians to provide this service, as well as expert repair services. Contact your AMSCO representative for details.

AMSCO carries a complete line of accessories for this unit to simplify, organize and assure sterility of the sterilization process. Instrument trays, Vantage and DEXTEX wraps and biological/chemical monitoring systems are all available to fulfill your facility's processing needs. An AMSCO representative will gladly review these with you.

Advisory

A summary of the safety precautions to be observed when operating this equipment can be found in Section 1 of this manual and behind the upper access panel of the unit. Do not operate the sterilizer until you have become familiar with this information.

This sterilizer is not designed to process flammable liquids nor liquids in containers that are not designed for sterilization. Any alteration of the sterilizer which affects its operation will void the warranty and could violate state and local regulations and jeopardize insurance coverage.

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SUMMARY OF WARNINGS AND CAUTIONS

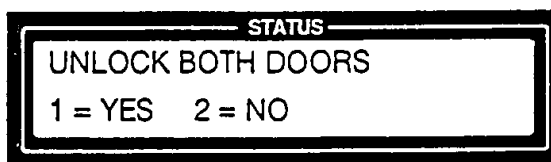
1

Refer to the Warnings and Cautions in the Operating Procedure that are to be observed when operating or servicing this unit. WARNINGS indicate the potential for danger to personnel, and CAUTIONS indicate the potential for damage to equipment. The precautions are repeated (in whole or part) where applicable throughout the manual. Carefully read all safety precautions before proceeding to use or service the unit.

The machine is equipped with interlock doors that are designed to prevent cross-contamination through the chamber. See section 3 for Power Radial arm Interlocks.

Interlock Type #1 (Both Doors Unlock at End of Cycle)

1. Enter the SERVICE mode change values procedure (dip switch 4 on control board #1 "ON") and set the interlock type to 01 and set an access code, which must be entered by the operator in order to bypass the door interlocks. By setting the interlock type to 01, the operating-end door is designated as the dirty door and the non-operating end door as the clean door. After these two items are set, turn the control OFF and return dip switch 4 to "OFF"...
2. When powering up the control, the following will be displayed:



If 2 is selected, the control will continue normally. If 1 is selected, the control will ask the operator for an access code. If the correct access code is entered (a four digit number, see step 1 above), and the CHANGE VALUES button is pressed, both interlocks are deactivated, unlocking both doors. Both doors may be open at the same time at this point. "Press #1 TO CANCEL" will then be displayed. Press 1 to exit and to continue with normal operation.

3. Both doors will unlock at the end of any cycle.
4. If the clean door (non-operating end) is opened, the dirty door (operating end) will lock.
5. The clean door can be opened and closed several times. Each time this happens, the dirty door locks and is again unlocked when the clean door is closed.
6. If the dirty door is opened, the clean door locks. If the dirty door is closed, clean door does NOT unlock. The only way to unlock the clean door is to run a complete cycle.
7. When the cycle is aborted, the control unlocks the dirty door – the clean door will NOT unlock again until a complete cycle is run.

////////////////////////////////////
Interlock Type #2
(Only "CLEAN"
Door Unlocks at
End of Cycle)
////////////////////////////////////

1. Enter the SERVICE mode (dip switch 4 on control board #1 "ON") and set the interlock type to 02 and set an access code, which must be entered by the operator in order to bypass the door interlocks. By setting the interlock type to 02, the operating-end door is designated as the dirty door and the non-operating end door as the clean door. After these two items are set, turn the control column power switch OFF and return dip switch 4 to "OFF".
2. See interlock type #1, step 2, for instructions to bypass the door interlocks.
3. Only the clean door (non-operating end door) unlocks at the end of any cycle.
4. If the clean door (non-operating end) is opened, the dirty door (operating end) remains locked.
5. The clean door can be opened and closed several times. Each time this happens, the dirty door locks and is again unlocked when the clean door is closed.
6. If the dirty door is opened, the clean door locks. If the dirty door is closed, clean door does NOT unlock. The only way to unlock the clean door is to run a complete cycle.
7. When the cycle is aborted, the control unlocks the dirty door – the clean door will NOT unlock again until a complete cycle is run.

Note: Interlock types 3 and 4 operate the same as types 1 and 2, respectively except for the designation of the doors. The operating end door is dirty for types 1 and 2, clean for types 3 and 4. The non-operating door is clean for types 1 and 2, dirty for types 3 and 4.

////////////////////////////////////
Interlock Type #3
(Both Doors Unlock
at End of Cycle)
////////////////////////////////////

1. Enter the SERVICE mode (dip switch 4 on control board #1 "ON") and set the interlock type to 03 and set an access code, which must be entered by the operator in order to bypass the door interlocks. By setting the interlock type to 03, the operating-end door is designated as the clean door and the non-operating end door as the dirty door. After these two items are set, turn the control column power switch OFF and return dip switch 4 to "OFF".
2. See interlock type #1, step 2, for instructions to bypass the door interlocks.
3. Both doors will unlock at the end of any cycle.
4. If the clean door (operating end) is opened, the dirty door (non-operating end) remains locked.
5. The clean door can be opened and closed several times. Each time this happens, the dirty door locks and is again unlocked when the clean door is closed.
6. If the dirty door is opened, the clean door locks. If the dirty door is closed, clean door does NOT unlock. The only way to unlock the clean door is to run a complete cycle.
7. When the cycle is aborted, the control unlocks the dirty door – the clean door will NOT unlock again until a complete cycle is run.

**Interlock Type #4
(Only "CLEAN"
Door Unlocks at
End of Cycle)**

1. Enter the SERVICE mode (dip switch 4 on control board #1 "ON") and set the interlock type to 04 and set an access code, which must be entered by the operator in order to bypass the door interlocks. By setting the interlock type to 04, the operating-end door is designated as the clean door and the non-operating end door as the dirty door. After these two items are set, turn the control column power switch OFF and return dip switch 4 to "OFF".
2. See interlock type #1, step 2, for instructions to bypass the door interlocks.
3. Only the clean door (operating end door) unlocks at the end of any cycle.
4. If the clean door (operating end) is opened, the dirty door (non-operating end) remains locked.
5. The clean door can be opened and closed several times. Each time this happens, the dirty door locks and is again unlocked when the clean door is closed.
6. If the dirty door is opened, the clean door locks. If the dirty door is closed, clean door does NOT unlock. The only way to unlock the clean door is to run a complete cycle.
7. When a cycle is aborted, the control unlocks the dirty door – the clean door will NOT unlock again until a complete cycle is run.

INTERLOCK DOORS - POWER RADIAL ARM

3

The machine is equipped with interlock doors that are designed to prevent cross-contamination through the chamber. Different interlock types are selectable by dip switch settings on control board #2. Turn power OFF prior to making any dip switch settings, set dip switch and turn power ON.

Single Door Sterilizer

1. Set dip switch #1 to the ON position and all others OFF, for units equipped with one door only.

No Door Interlock

1. To bypass door interlocking and allow both doors to be opened at the same time, set dip switch #2 to the ON position and all others OFF.

Interlock Type #1 One Door Allowed Open at a Time

1. To prevent both doors from being opened at the same time but without regard to which door is at the "clean" or "dirty" side, set dip switch #3 to the ON position and all others OFF.

Interlock Type #2 (Non-Operating End Designated "CLEAN" Door)

1. To prevent the non-operating door from being opened until a complete cycle is run, set dip switch #4 to the ON position and all others to the OFF position. Interlock will operate as outlined in steps below.
2. Both doors will unlock at the end of any cycle.
3. If the clean door (non-operating end) is opened, the dirty door (operating end) remains locked.
4. The clean door can be opened and closed several times. Each time this happens, the dirty door locks and is again unlocked when the clean door is closed.
5. If the dirty door is opened, the clean door locks. If the dirty door is closed, clean door does NOT unlock. The only way to unlock the clean door is to run a complete cycle.
6. When the cycle is aborted, the control unlocks the dirty door – the clean door will NOT unlock again until a complete cycle is run.

**Interlock Type #2
(Operating End
Door Designated
"CLEAN" Door)**

1. To prevent the operating end door from being opened until a complete cycle is run, set dip switch #5 to the ON position and all others to the OFF position. Interlock will operate as outlined in steps below.
2. Both doors will unlock at the end of any cycle.
3. If the clean door (operating end) is opened, the dirty door (non-operating end) remains locked.
4. The clean door can be opened and closed several times. Each time this happens, the dirty door locks and is again unlocked when the clean door is closed.
5. If the dirty door is opened, the clean door locks. If the dirty door is closed, clean door does NOT unlock. The only way to unlock the clean door is to run a complete cycle.
6. When the cycle is aborted, the control unlocks the dirty door – the clean door will NOT unlock again until a complete cycle is run.

Operating Procedure

FOUR CYCLES - PREVACUUM STERILIZER

Eagle 3000 Series Sterilizers

(4-16-93)

P-387342-978 Rev. 1

A WORD FROM AMSCO

This manual contains important information on proper use of this sterilizer. All operators and department heads are urged to carefully review and become familiar with the warnings, cautions and instructions contained herein. This sterilizer is specifically designed to process goods using only the cycles as specified in this manual. If there is any doubt about a specific material or product, contact the manufacturer of the product for the recommended sterilization technique.

Service Information

A thorough preventive maintenance program is essential to safe and proper operation of this sterilizer. You are encouraged to contact AMSCO concerning our Preventive Maintenance Agreement. Under terms of this agreement, preventive maintenance, adjustments, and replacement of worn parts are done on a scheduled basis to assure equipment performance at peak capability and to help avoid untimely or costly interruptions. AMSCO maintains a nationwide staff of well-equipped, factory-trained technicians to provide this service, as well as expert repair services. Contact your AMSCO representative for details.

AMSCO carries a complete line of accessories for this unit to simplify, organize and assure sterility of the sterilization process. Instrument trays, Vantage and DEXTEX wraps and biological/chemical monitoring systems are all available to fulfill your facility's processing needs. An AMSCO representative will gladly review these with you.

Advisory

A summary of the safety precautions to be observed when operating this equipment can be found in Section 1 of this manual and behind the upper access panel of the unit. Do not operate the sterilizer until you have become familiar with this information.

This sterilizer is not designed to process flammable liquids nor liquids in containers that are not designed for sterilization. Any alteration of the sterilizer which affects its operation will void the warranty and could violate state and local regulations and jeopardize insurance coverage.

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SUMMARY OF WARNINGS AND CAUTIONS

1

Refer to the Warnings and Cautions in the Operating Procedure that are to be observed when operating or servicing this unit. WARNINGS indicate the potential for danger to personnel, and CAUTIONS indicate the potential for damage to equipment. The precautions are repeated (in whole or part) where applicable throughout the manual. Carefully read all safety precautions before proceeding to use or service the unit.

FOUR CYCLE - PREVACUUM

2

The following values are defaulted upon a manufacturers burn-in. See Service and Maintenance Procedure Manual for explanation of setting up the default values.

PREVAC CYCLE Cycle 1

STER TEMP (sterilize temperature)	=	132° C or 270° F
STER TIME (sterilize time)	=	04:00
DRY TIME (dry time)	=	05:00
DRY VAC (dry vacuum point)	=	10.0 inHg or 0.34 bar vacuum
PULSES (number of vacuum pulses)	=	4
P1 (pulse pressure point)	=	26.0 psig or 1.79 bar pressure
V1 (pulse vacuum point)	=	10.0 inHg or .34 bar vacuum
P1 HOLD (time pressure held at P1)	=	0:00
V1 HOLD (time vacuum held at V1)	=	0:00
PURGE (purge)	=	1:00
FT* (flush temperature)	=	108° C or 226° F
FP* (flush pressure)	=	6 psig or 0.413 bar pressure
OVERDRIVE (overdrive)	=	1.5° C or 3.0° F
OVERTEMP (over temperature)	=	6.0° C or 12.0° F
UNDERTEMP (under temperature)	=	1.0° C or 2.0° F
PRINT INT (print interval)	=	2 minutes

* Available only on separate steam feed units (units with independent steam to chamber and jacket).

Prevac Cycle Cycle 2

STER TEMP (sterilize temperature)	=	132° C or 270° F
STER TIME (sterilize time)	=	04:00
DRY TIME (dry time)	=	20:00
DRY VAC (dry vacuum point)	=	10.0 inHg or 0.34 bar vacuum
PULSES (number of vacuum pulses)	=	4
P1 (pulse pressure point)	=	26.0 psig or 1.79 bar pressure
V1 (pulse vacuum point)	=	10.0 inHg or .34 bar vacuum
P1 HOLD (time pressure held at P1)	=	0:00
V1 HOLD (time vacuum held at V1)	=	0:00
PURGE (purge)	=	1:00
FT* (flush temperature)	=	108° C or 226° F
FP* (flush pressure)	=	6 psig or .413 bar pressure
OVERDRIVE (overdrive)	=	1.5° C or 3.0° F
OVERTEMP (over temperature)	=	6.0° C or 12.0° F
UNDERTEMP (under temperature)	=	1.0° C or 2.0° F
PRINT INT (print interval)	=	2 minutes

** Available only on separate steam feed units (units with independent steam to chamber and jacket).*

Gravity Cycle Cycle 3

STER TEMP (sterilize temperature)	= 132° C or 250° F
STER TIME (sterilize time)	= 15:00
DRY TIME (dry time)	= 30:00
DRY VAC (dry vacuum point)	= 10.0 inHg or .34 bar vacuum
PURGE (purge)	= 1:00
FT* (flush temperature)	= 108° C or 226° F
FP* (flush pressure)	= 6 psig or 0.413 bar pressure
OVERDRIVE (overdrive)	= 1.5° C or 3.0° F
OVERTEMP (over temperature)	= 6.0° C or 12.0° F
UNDERTEMP (under temperature)	= 1.0° C or 2.0° F
PRINT INT (print interval)	= 2 minutes

** Available only on separate steam feed units (units with independent steam to chamber and jacket).*

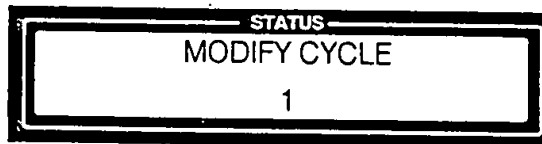
Liquid Cycle Cycle 4

STER TEMP (sterilize temperature)	=	121° C or 250° F
STER TIME (sterilize time)	=	45:00
PURGE (purge)	=	1:00
FT* (flush temperature)	=	108° C or 226° F
FP* (flush pressure)	=	6 psig or .413 bar pressure
OVERDRIVE (overdrive)	=	1.5° C or 3.0° F
OVERTEMP (over temperature)	=	6.0° C or 12.0° F
UNDERTEMP (under temperature)	=	1.0° C or 2.0° F
PRINT INT (print interval)	=	2 minutes

CONTROL

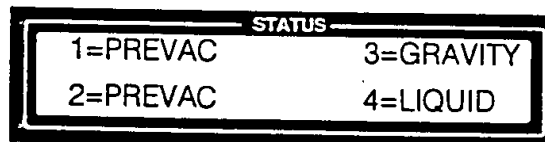
TLIC (too long in charge)	=	30 minutes
TLIV (too long in exhaust)	=	30 minutes
TLIV (too long in evacuation)	=	30 minutes
TLIS (too long in slow exhaust)	=	1 hour
P3** (slow exhaust to vent)	=	3.0 psig or 0.206 bar pressure

The cycle values can be changed in the ready mode by pressing the change values pushbutton. If the access code option is enabled, 1, 2, 3 or 4 cycles can be locked out. The following display will allow cycles 1, 2, 3 or 4 to be chosen along with CONTROL parameters.



Pressing the CHANGE VALUES will change cycle 1. Pressing the up or down pushbuttons will change 1 to 2 or 1 to CONTROL. Pressing the CHANGE VALUES pushbutton when the display shows 3 will change cycle 3, etc. Changing the number to the word CONTROL will change the control values.

The following display will be shown in the ready mode, allowing any of the four cycles to be run by pressing the number, representing the cycle twice.



* Available only on separate steam feed units (units with independent steam to chamber and jacket).

** Available only on units without Optimal Solution Cooling.

Operating Procedure
OPTIMAL SOLUTION COOLING
Eagle 3000-S Series Sterilizers

(4-16-93)

P-387342-987 Rev. 1

A WORD FROM AMSCO

This manual contains important information on proper use of this sterilizer. All operators and department heads are urged to carefully review and become familiar with the warnings, cautions and instructions contained herein. This sterilizer is specifically designed to process goods using only the cycles as specified in this manual. If there is any doubt about a specific material or product, contact the manufacturer of the product for the recommended sterilization technique.

Service Information

A thorough preventive maintenance program is essential to safe and proper operation of this sterilizer. You are encouraged to contact AMSCO concerning our Preventive Maintenance Agreement. Under terms of this agreement, preventive maintenance, adjustments, and replacement of worn parts are done on a scheduled basis to assure equipment performance at peak capability and to help avoid untimely or costly interruptions. AMSCO maintains a nationwide staff of well-equipped, factory-trained technicians to provide this service, as well as expert repair services. Contact your AMSCO representative for details.

AMSCO carries a complete line of accessories for this unit to simplify, organize and assure sterility of the sterilization process. Instrument trays, Vantage and DEXTEX wraps and biological/chemical monitoring systems are all available to fulfill your facility's processing needs. An AMSCO representative will gladly review these with you.

Advisory

A summary of the safety precautions to be observed when operating this equipment can be found in Section 1 of this manual and behind the upper access panel of the unit. Do not operate the sterilizer until you have become familiar with this information.

This sterilizer is not designed to process flammable liquids nor liquids in containers that are not designed for sterilization. Any alteration of the sterilizer which affects its operation will void the warranty and could violate state and local regulations and jeopardize insurance coverage.

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SUMMARY OF WARNINGS AND CAUTIONS

1

Refer to the Warnings and Cautions in the Operating Procedure that are to be observed when operating or servicing this unit. WARNINGS indicate the potential for danger to personnel, and CAUTIONS indicate the potential for damage to equipment. The precautions are repeated (in whole or part) where applicable throughout the manual. Carefully read all safety precautions before proceeding to use or service the unit.

Features of Cycle

⚠ WARNING - EXPLOSION HAZARD: This sterilizer is not designed to process flammable liquids.

⚠ WARNING - BURN HAZARD: When sterilizing liquids, to prevent personal injury or property damage resulting from bursting bottles and hot fluid, you must observe the following procedures:

- Use LIQUID cycle only. No other cycle is safe for processing liquids.
- Use only vented closures – do not use screw caps or rubber stoppers with crimped seal.
- Use only Type I borosilicate glass bottles – do not use ordinary glass bottles or any container not designed for sterilization.
- Avoid sudden full opening of door at end of cycle. Open sterilizer door no more than one inch and wait at least 10 minutes before unloading sterilizer.
- Do not allow hot bottles to be jolted. This can cause hot-bottle explosions! Do not move bottles if any boiling or bubbling is present.
- Allow bottles to cool to touch before attempting to move them from sterilizer cart to the storage area.

The sterilizer is equipped with the Optimal Solution Cooling feature during the slow exhaust phase of the LIQUID cycle. This feature allows the pressure in the chamber, during slow exhaust, to be exhausted as fast as possible without causing the vented closure bottles to have a significant loss of liquid.

The exhaust valves are controlled to maintain exhaust rates as follows:

MAINTAINED EXHAUST RATE	CHAMBER PRESSURE
1.6 psig/min	Greater than 4.2 psig (0.29 bar)
.6 psig/min	Less than 4.2 psig (0.29 bar) and greater than 0.5 psig (0.034 bar)

Note: The exhaust rate control ends when the pressure reaches 0.5 psig (0.034 bar) or when 5 minutes pass after pressure reaches 1 psig (0.07 bar).

Alarm for Optimal Solution Cooling

EXHAUST RATE FAILURE - This alarm occurs only during the slow exhaust phase of the Liquid cycle whenever the pressure does not drop after S3 is turned on (S3 turns on if rate cannot be met by S13 valve). If an alarm occurs, the cycle will abort, an alarm will sound, the following will be printed:

```
* ALARM
FAILURE READING PRESSURE
-----
STATUS...
```

and the display will show:

```
STATUS
COMPONENT      CT = XXX C
FAILURE P = XXpsig
```

- alternating with -

```
STATUS
*ALARM CT = XXX C
P = XXpsig
```

IDEC
Pharmaceuticals Corporation

To File # H14775
3030 CALLAN ROAD
SAN DIEGO, CALIFORNIA 92121
858/431-8500 • FAX 858/431-8887

RECEIVED

MAR 24 9 42 AM '00

ENVIRONMENTAL
HEALTH SERVICES

3/20/00

Mr. Peter Neubauer
County of San Diego
Department of Environmental Health, HMMD
1225 Imperial Avenue
P.O. Box 129261
San Diego, CA 92123 - 1119

Dear, Peter,

IDEC Pharmaceuticals is herein requesting cancellation of the Conditional Authorization permit issued to IDEC by the California Department of Toxic Substance Control for treatment of hazardous waste generated at 11011 Torreyana Road. IDEC is making this request in accordance with Section 25201.15 of the Health and Safety Code, Division 20, Chapter 6.5 (attached). In accordance with §25201.15 IDEC claims exemption from the tiered permit system; however, IDEC will continue to carryout elementary waste neutralization via its fixed treatment unit in order to comply with the Industrial Discharge permit issued by the City of San Diego, Metropolitan Industrial Waste Program. The operation of this unit shall be carried out in accordance with part (d) of §25201.15.

If you have any further questions please contact me at 858-431-8822.

Sincerely,



Mark Thompson
Sr. Manager, EH&S

To File PN H114775

§25201.15. [Definitions; biotechnology elementary neutralization activities—exemptions; operator requirements; notice requirements]

(a) For the purposes of this section, the following terms have the following meaning:

(1) "Biotechnology manufacturing or biotechnology process development activities" means activities conducted in SIC Code Subgroups 283, 2833, 2834, 2835, 2836, 8731, 8732, and 8733, including manufacturing and process development of medicinal chemicals and botanical products, pharmaceutical preparations, in vitro and in vivo diagnostic substances, and biological products, and all associated equipment and vessel cleaning and maintenance operations.

(2) "Biotechnology elementary neutralization activities" means the elementary neutralization of wastes generated by biotechnology manufacturing or biotechnology process development activities.

(3) "SIC Code" has the same meaning as defined in subdivision (t) of Section 25501.

(b) The Legislature hereby finds and declares that the biotechnology industry's elementary neutralization of hazardous wastes is a common, safe, and standard practice that typically occurs in a wastewater collection system, and which does not warrant extensive regulatory oversight.

(c) Biotechnology elementary neutralization activities are exempt from any requirement imposed pursuant to this chapter, including any regulation adopted pursuant to this chapter, that relates to generators, tanks, and tank systems, and the requirement to obtain a hazardous waste facilities permit or other grant of authorization from the department, except as otherwise provided in subdivision (d), if all of the following conditions are met:

(1) A permit is not required to conduct elementary neutralization under the federal act.

(2) The hazardous wastes are hazardous solely due to acidic or alkaline materials, and are generated by biotechnology process manufacturing or biotechnology process development activities.

(3) Either of the following applies with regard to the biotechnology elementary neutralization activity:

(A) The hazardous wastes in the elementary neutralization unit do not contain more than 10 percent by weight acid or alkaline constituents.

To File
PN 114775

- (B) The generator of the hazardous wastes determines that the elementary neutralization process will not raise the temperature of the hazardous wastes to within 10 degrees of the boiling point or cause the release of hazardous gaseous emissions, using either constituent-specific concentration limits or calculations. The generator shall make these calculations in accordance with the regulations adopted by the department, if the department adopts those regulations.
- (4) The hazardous wastes are not diluted for the sole purpose of meeting the criteria specified in subparagraph (A) of paragraph (3) and after neutralization the wastewaters do not exhibit the characteristic of corrosivity, as defined in Section 66261.22 of Title 22 of the California Code of Regulations, or any successor regulation.
- (5) The temperature of any unit 100 gallons or larger is automatically monitored, and is fitted with a high temperature alarm system, and for closed systems, the unit automatically controls the adding and mixing of corrosive and neutralizing solutions.
- (d) The operator of an elementary neutralization unit exempt under this section shall comply with the following requirements:
- (1) An operator of an elementary neutralization unit subject to this section shall successfully complete a program of classroom instruction or on-the-job training that includes, at a minimum, instruction for responding effectively to emergencies by familiarizing personnel with emergency procedures, emergency equipment, and emergency systems, including, where applicable, procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment, communications, or alarm systems.
- (2) Within 10 days of commencing initial operation of the unit, or within any other time period that may be required by the CUPA, the operator shall notify the CUPA of the commencement of operation of the unit under the exemption made pursuant to this section. If the operator is not under the jurisdiction of a CUPA, the notice shall be sent to the officer of the agency authorized, pursuant to subdivision (f) of Section 25404.3, to implement and enforce the requirements of this chapter listed in paragraph (2) of subdivision (c) of Section 25404.
- (e) Notwithstanding any other provision of law, unless required by federal law, biotechnology elementary neutralization activities satisfying the requirements of subdivisions (c) and (d) are exempt from any statute or any regulation adopted pursuant to state law requiring the elementary neutralization unit to have secondary containment for piping or ancillary equipment, including, but not limited to, a regulation adopted by the State Water Resources Control Board, the department, or any other state agency.



T.P.

3030 CALLAN ROAD
SAN DIEGO, CALIFORNIA 92121
858/431-8500 • FAX 858/431-8887

RECEIVED
MAY 3 10 04 AM '00
ENVIRONMENTAL
HEALTH SERVICES

Via Certified Mail

5/1/00

Ms. Sonia Low
Section Chief
Southern California Branch
State Regulatory Programs Division
5796 Corporate Avenue
Cypress, CA 90630

Dear Ms. Low:

IDEC Pharmaceuticals has received the Summary of Violation dated April 7, 2000, and has completed the Phase 1 Checklist provided by your department. Enclosed is a copy of the Phase 1 Checklist for your records.

With regard to the Summary of Violation, I would like to point out the following information. In a telephone conversation with Mr. Nebu John on April 20, 2000 I discussed the reason why IDEC had not previously filed the Phase 1 Checklist. As I mentioned to him at that time, until his initial phone call to me earlier in the month I was under the impression that the deadline for submitting the Phase 1 Checklist had been once again extended by DTSC.

I have been tracking the department's development of the Phase 1 Checklist since 1993, at which time the filing deadline was delayed until January 1, 1995. In 1994 the reporting deadline was once again extended, this time from January 1, 1995 to January 1, 1997. It was my understanding that the filing deadline was further delayed beyond January 1, 1997. In February, 1998 I spoke with a Mr. Nabil Yacoub from your Cypress office on this matter. At that time I was involved in preparing the Certification of Financial Assurance (CFA) documentation on IDEC's treatment unit for submission to DTSC. During this conversation Mr. Yacoub indicated that it was appropriate for IDEC to delay submitting any information related to the Phase 1 Checklist because the department had not yet finalized the checklist format. Based on our conversation and Mr. Yacoub's assurances I did not submit any information related to the Phase 1 Checklist. Otherwise, I would have readily submitted the Phase 1 Checklist along with our CFA documentation.

With regard to the checklist and reminder correspondence mentioned in your April 7, 2000 letter I have no record of having received either the checklist or reminder. IDEC has complied with the conditions of the Conditional Authorization permit since its issuance in 1993, and would have filed the Phase 1 Checklist had the deadline not been extended, or if we had received your Checklist in 1996, or the 1997 reminder correspondence.

During my conversation with Mr. Yacoub in March, 1998 I mentioned that there was an effort underway in the California Senate to exempt biotechnology wastewater management operations from the tiered permit system. SB 1135 was approved and the Health and Safety Code modified based on the finding that the types of elementary waste neutralization carried by the biotech industry are common, safe, and standardized practices which do not warrant extensive regulatory oversight. In March, 2000 IDEC requested cancellation of its Conditional Authorization permit through correspondence with the County of San Diego Department of Environmental Health, Hazardous Materials Management Division (HMMD); this request was made pursuant to Section 25201.15 of the Health and Safety Code, Division 20, Chapter 6.5. On April 25, 2000 I met with the San Diego County HMMD at which time they approved IDEC's request to cancel the permit.

In my conversation with Mr. John on April 20, he mentioned that IDEC would be receiving an enforcement notice on this matter, and that I would be given the opportunity to go before a hearing board regarding any financial assessment levied against IDEC by DTSC as a result of not filing the Phase 1 Checklist until now.

With all due respect, based on the facts and circumstances surrounding this matter, I do not believe that a violation has occurred or that an enforcement notice is necessary. I am not opposed to attending the hearing and disputing the matter, but would recommend that this matter be excused and dismissed prior to a hearing. Please let me know the next steps. If you have any questions please contact me at 858-431-8822.

Sincerely,

Mark Thompson
Sr. Manager, EH&S
IDEC Pharmaceuticals Corporation

cc: Mr. Michael Dorsey
Chief of Hazardous Materials Management Division
County of San Diego Department of Environmental Health
P.O. Box 129261
SD CA 92112-9261

TIERED PERMITTING PHASE I ENVIRONMENTAL ASSESSMENT CHECKLIST**SECTION I: FACILITY INFORMATION**

Instructions: Complete the following descriptive information about your facility. This information accurately describes the location of your facility and establishes mailing and phone contacts. If facility location and mailing address are identical, you may put "same" into facility mailing address spaces.

Type of Permit: Permit by Rule _____ Conditional Authorization X

1. CURRENT FACILITY NAME: IDEC Pharmaceuticals Corporation

PAST NAMES (Attach additional pages if necessary):

2. EPA I.D. NUMBER: CAD 981-583-479

3. NAME OF FACILITY OWNER (see definition of owner): Torrey Sorrento Incorporated

4. NAME OF FACILITY OPERATOR: IDEC Pharmaceuticals Corporation

5. NAME OF PROPERTY OWNER: Torrey Sorrento Incorporated

6. FACILITY LOCATION ADDRESS:

STREET: 11011 Torreyana Road

CITY: San Diego

COUNTY: San Diego

STATE: CA ZIP CODE: 92121

7. FACILITY MAILING ADDRESS (if different from FACILITY LOCATION ADDRESS):

STREET: 3030 Callan Road

CITY: San Diego

STATE: CA ZIP CODE: 92121

8. FACILITY TELEPHONE NUMBER: (858) 431-8500

9. FACILITY FAX NUMBER: (858) 431-8887

10. NAME OF FACILITY CONTACT PERSON: Mark Thompson

11. TITLE OF FACILITY CONTACT PERSON: Sr. Manager, Environmental Health & Safety

12. PHONE NUMBER OF FACILITY CONTACT PERSON: (858) 431-8822

13. ADDRESS OF FACILITY CONTACT PERSON:

STREET: 3030 Callan Road

CITY: San Diego

STATE: CA ZIP CODE: 92121

TIERED PERMITTING PHASE I ENVIRONMENTAL ASSESSMENT CHECKLIST

SECTION II: FACILITY HISTORY

Instructions: Complete this section regarding facility history based on reasonably available knowledge of the facility. This section will determine if past operating practices and significant historical events that occurred at the facility indicate potential areas of contamination. Current and past employees who know about the facility's past operating practices can be an asset in completing this section of the checklist. Yes answers to these questions mean that careful attention must be paid to these areas and considerations when completing the facility walk-through inspection.

		YES	NO
1.	Has an environmental assessment and/or a site investigation report ever been completed for the facility? If this assessment meets the criteria for substituting for this checklist (see Instructions), use the Signature and Certification Page to record this exemption. You need not release confidential assessments. However, if these reports indicate existing or potential contamination, you must use the information relied on by the confidential report to help reach a conclusion in this assessment.	-	X
2.	To your knowledge, have areas of the facility that contain hazardous materials ever been flooded?		X
3.	To your knowledge, has the facility ever been damaged by an earthquake that could cause contamination?		X
4.	To your knowledge, has the location for the facility ever been used for industrial purposes prior to its current use? If YES, then consider potential contamination from the type of industry that the location was formerly used for.	X	
5.	To your knowledge, has there been any disposing of hazardous chemicals or hazardous wastes in, on, or under the property?		X
6.	To your knowledge, has the facility ever had electrical transformers, capacitors, or hydraulic equipment including, but not limited to elevators and auto lifts, at the facility which may have released PCBs or oil to the environment? (Not including small quantities of fluorescent light ballasts and capacitors if these materials were not disposed of or dismantled at the facility) If YES, was the equipment ever tested for the presence of PCBs?		X
7.	To your knowledge, has testing of any groundwater wells on the property ever revealed possible contamination?		X
8.	Do you have in your possession, or do you know of the existence of any photographs, geophysical reports, analytical test data, and/or air sampling data that indicates the possible presence of hazardous materials and/or waste in unwarranted or unexpected areas of the facility?		X
9.	To your knowledge, has the facility ever had liquid/sludge containment area(s), surface impoundment(s), collection pond(s), and/or lagoon(s)?		X
10.	To your knowledge, have land-farming or bioremediation been used at the facility?		X
11.	To your knowledge, has the facility ever burned hazardous wastes, unidentified waste materials, tires, or automotive batteries at the facility?		X
12.	To your knowledge, have ash and/or combustion residuals been disposed of at the facility?		X

TIERED PERMITTING PHASE I ENVIRONMENTAL ASSESSMENT CHECKLIST

13.	To your knowledge, have any underground storage tank(s) been removed, abandoned, or taken out of service from the facility? Tanks removed, abandoned, or taken out of service under the oversight of a responsible agency need not be considered if the agency addressed potential contamination at the tank location.		X
14.	To your knowledge, has any contaminated soil been discovered and/or remediated at the facility without oversight by an appropriate regulatory agency?		X
15.	To your knowledge, have there been fires and/or explosions at the facility which may have caused a release of hazardous waste or materials?		X
16.	To your knowledge, has the facility ever received complaints from any employees, neighbors, or the public about the facility's practices for managing hazardous wastes, or any actual or potential releases to air, water, or soil, or other environmental issues?		X
17.	To your knowledge, have nearby residents complained to a governmental agency of any type of illnesses or unusual illnesses as having been caused or suspectedly caused by or related to activities at the facility? (Note: this item does not require questioning the facility's neighbors) If YES, indicate below the person and/or agency who recorded the complaint. _____		X
	If YES, to your knowledge, has any evidence been submitted to a physician to substantiate the claim?		
18.	To your knowledge, are there any areas at the facility which were formerly used for hazardous waste or hazardous materials transfer (e.g. tank loading areas, drum transfer areas)?		X
19.	To your knowledge, are there, or have there been lawsuits or administrative proceedings concerning an actual, alleged, or threatened release of any hazardous substance against the facility by another party? Only actions concluded by settlement or litigation need be considered.		X

TIERED PERMITTING PHASE I ENVIRONMENTAL ASSESSMENT CHECKLIST

SECTION III: FACILITY WALK-THROUGH INSPECTION - SPECIFIC AREAS

Instructions: List each area of the facility where hazardous materials are present. The listing area is divided into functional divisions for convenience. Individual units may be grouped on the chart, but must be individually inspected. Carefully examine each of these areas during the walk-through inspection to determine the presence of releases or possible releases and record the results in the appropriate column, date and initial the entry. Complete a Release Information Data Sheet for each actual and possible release found. Using your best judgement, decide if any actual or suspected releases found require further investigation and record the results on the Release Information Data Sheet and in the appropriate column on this chart. If you need additional space, photocopy this sheet.

HAZARDOUS MATERIAL AREA	INSPECTED (Yes or No)	ACTUAL OR SUSPECTED RELEASE (Yes or No)	REQUIRES FURTHER INVESTIGATION (Yes or No)
LOADING/UNLOADING AREAS			
North loading dock	yes	no	no
South loading dock	yes	no	no
South delivery area	yes	yes	no
HAZARDOUS MATERIALS USE AREAS			
Central plant	yes	no	no
Emergency generator containment	yes	no	no
Plant support equipment chase	yes	no	no
Plant support utility area	yes	yes	no
Cooling tower area	yes	no	no
HAZARDOUS WASTE GENERATION AREAS			
Plant support equipment chase	yes	no	no
Plant support utility area	yes	no	no
Cooling tower area	no	no	no
HAZARDOUS WASTE TREATMENT/STORAGE AREAS			
Hazardous waste storage area	yes	no	no

TIERED PERMITTING PHASE I ENVIRONMENTAL ASSESSMENT CHECKLIST

SECTION IV: FACILITY WALK-THROUGH INSPECTION - OTHER AREAS

Instructions: This section of the checklist requires the owner and/or operator of the facility to conduct a walk-through inspection of the those portions of the facility not addressed in Section III in order to identify possible environmental problems, environmental warning signs or potential exposure to people, animals, or plants. Some of the problems that may be discovered during this inspection include abandoned storage tanks, spill areas, surface impoundments, etc. Some of the environmental warning signs include stains, discolored vegetation, and/or unnatural terrain. During the inspection, were any of the following present:

		YES	NO
1.	Does the facility have vent pipes, fill pipes, and/or access routes that may indicate the presence of an underground storage tank?		X
2.	Does the facility have stains and/or discolorations of the soil, flooring, drains and/or walls at the facility which may indicate a release to the environment that has not or is not being addressed under the oversight of an appropriate agency?		X
3.	Does the facility have areas of soil at the facility that appear disturbed and which may indicate onsite disposal or land treatment of hazardous materials or remediation of releases without oversight by an appropriate agency?		X
4.	Does the facility have areas at the facility where the terrain appears unnatural, such as unexplained mounds or depressions?		X
5.	Does the facility have unusual smells or odors emanating from the soil, floor, drains, and/or walls at the facility?		X
6.	Does the facility have dead, abnormal, or distressed-looking vegetation or conspicuous absence of vegetation at the facility that is not directly explainable by a deliberate action and/or lack of water at the site?		X
7.	Where does rain and/or washwater drain to at the facility? (circle all that apply) Note: slightly contaminated storm or washwater can seriously contaminate evaporation or settling areas (with no drainage) over a period of time.		
	<ul style="list-style-type: none"> a. Storm Drain b. Sewer c. Drainage Ditch d. Open Land e. Areas of pooling, settling, or evaporation f. Other <u>Torrey Pines State Reserve</u> 		

TIERED PERMITTING PHASE I ENVIRONMENTAL ASSESSMENT CHECKLIST

**SIGNATURE AND CERTIFICATION
FOR
PERMIT-BY-RULE AND CONDITIONAL AUTHORIZATION**

Instructions: Carefully read the certification below. If you feel uncomfortable signing this certification, review the instructions and the information developed in the preparation of the checklist and correct any deficiencies you have found. Be sure that you check one of the boxes below to record your decision regarding further investigation. If you are claiming exemption from completing a Phase I Environmental Assessment, complete that section below.

Either the owner, operator, or independent professional engineer, geologist, or an environmental assessor who is registered in the State of California, shall certify to the following statement by signing on the appropriate lines below:

Yes, further investigation is needed to determine the existence, nature, and/or extent of contamination at the facility, or

No, further investigation is not necessary to determine the existence, nature, and/or extent of contamination at the facility.

I am exempt from completing the checklist and/or from resulting followup work. [Please state reason for exemption below and supply documentary evidence (see instructions)]. Explanation:

“Under penalty of perjury, I certify that I have personally examined and am familiar with the information submitted in this document and all attachments, and based on my inquiry of those individuals immediately responsible for obtaining it, the information is true, accurate, and complete to the best of my knowledge. Thus informed, I certify to my best judgement that the conclusion recorded above regarding further investigation or exemption from completion of the Phase I Environmental Assessment is correct.”

Owner's Signature	Name, Title, and Company Name	Date
-------------------	-------------------------------	------

Or:

<i>Connie Matsui</i>	Connie Matsui, Vice President	
Operator's Signature (If Owner is not Operator)	Name, Title, and Company Name IDEC Pharmaceuticals	Date

Or: Certification by an independent professional engineer, geologist, or environmental assessor who is registered in the State of California. Certification by a registered professional is optional for Permit-By-Rule and Conditionally Authorized Generators. Sign and affix stamp.

Signature	Name, Title, Registration Number	Date
-----------	----------------------------------	------

TIERED PERMITTING PHASE I ENVIRONMENTAL ASSESSMENT CHECKLIST

AREA OF CONCERN DATASHEET

Instructions: Complete the following questions in detail for EACH release or suspected release identified in Section III FACILITY WALK-THROUGH INSPECTION - SPECIFIC AREAS or SECTION IV FACILITY WALK-THROUGH INSPECTION - OTHER AREAS and any other known or suspected releases. Do not include areas that have been or are being remediated under the oversight of an appropriate agency. If answers to questions are not known, then state "unknown".

1. Facility name: IDEC Pharmaceuticals Corporation

2. This sheet is being completed for a:

Known release X Suspected release _____

3. How was this release or suspected release discovered?

During the walk-through inspection? _____ Previously known release? X

What checklist question(s) are related to this release (section/question) Checklist section III
Plant Support Utility Area

4. When did the release occur? 6/7/99

5. What was released and how much? Approximately five gallons of 37% Phosphoric acid.
(Trade name Sentol)

6. What caused the release? Material was being tranfered between containers located in the plant support utility area.

7. Indicate the approximate area of the release (e.g. 3 feet in diameter, 5 feet X 4 feet.) Unknown

8. Was the release remediated? If YES, explain how. (Note: A datasheet need not be completed for releases remediated or being remediated under the oversight of an appropriate agency. Yes. Maintenance staff employed spill response equipment to control the spill and limit the release. The area was flushed with water.

9. Were samples collected? If yes, what were the results? Samples of water that entered the storm drain system were collected and tested for pH. The pH was found to be 5.5.

10. List any environmental reports or studies performed on the area of concern and attach copies or summaries of the reports not submitted to the Department.

Name of preparer: Mark Thompson

Title of preparer: Sr. Manager EH&S

Date: 6/10/99

H14775

H14775



Department of Toxic Substances Control



Winston H. Hickox
Secretary for
Environmental
Protection

Edwin F. Lowry, Director
5796 Corporate Avenue
Cypress, California 90630

RECEIVED

MAY 15 1 12 PM '00 Gray Davis
Governor

ENVIRONMENTAL
HEALTH SERVICES

cc Supervisor
PERMITTING
FWE

May 11, 2000

Mr. Mark Thompson
Idex Pharmaceuticals Corporation
11011 Torreyana Road
La Jolla, California 92121
EPA ID No. CAD 981 583 479

IN THE MATTER OF: ENFORCEMENT ORDER; IDEC PHARMACEUTICALS CORPORATION. DOCKET NO. SRPD 99/00 SNS-4050.

Dear Mr. Thompson:

Enclosed please find a draft Enforcement Order (Order) for your review and comment. This Order is being issued to Idex Pharmaceuticals Corporation located at 11011 Torreyana Road, La Jolla, California 92121, because a completed Phase I Environmental Assessment (Checklist) was not received by the Department of Toxic Substances Control (DTSC) as required by California Health and Safety Code, section 25200.14(b). The Checklist, was due to DTSC by January 1, 1997. The Checklist was originally mailed out to all active Permit By Rule (PBR) and Conditionally Authorized (CA) facilities on June 6, 1996 and to all closed PBR and CA facilities on June 12, 1996. A reminder letter was mailed out on March 7, 1997, to those facilities that had not submitted the Checklist to DTSC.

An informal conference for you to discuss and attempt to resolve this matter with DTSC has been scheduled for May 22, 2000. Please contact Mr. Nebu John at (714) 484-5475 at least three (3) working days in advance to confirm this appointment, or the appointment will be canceled. DTSC will then issue this Order as it is written. Whether or not you choose to attend the informal conference, you will have a right to a hearing once the Order has been issued.

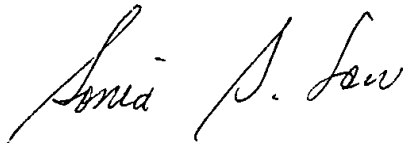
Please contact Mr. Nebu John at (714) 484-5475, if you have any questions regarding



Mr. Mark Thompson
May 11, 2000
Page 2

this letter or the enclosed Order.

Sincerely,

A handwritten signature in cursive script that reads "Sonia S. Low".

Sonia S. Low
Section Chief
Southern California Branch
State Regulatory Programs Division

Enclosures

CERTIFIED MAIL
Z 300 959 452
Return Receipt Requested

cc: ✓ Mr. Michael Dorsey
Chief of Hazardous Materials Division
County of San Diego
Department of Environmental Health
P.O. Box 129261
San Diego, California 92112-9261



Department of Toxic Substances Control



Winston H. Hickox
Secretary for
Environmental
Protection

Edwin F. Lowry, Director
5796 Corporate Avenue
Cypress, California 90630

RECEIVED

APR 11 11 34 AM '00

Gray Davis
Governor

ENVIRONMENTAL
HEALTH SERVICES

COPY 2/24/2000
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H FILE

April 7, 2000

Mr. Mark Thompson
Idex Pharmaceuticals Corporation
11011 Torreyana Road
La Jolla, California 92121
EPA ID No. CAD 981 583 479

SUMMARY OF VIOLATION

Dear Mr. Thompson:

The Department of Toxic Substances Control (DTSC) is issuing this Summary of Violation (SOV) to Idec Pharmaceuticals Corporation located at 11011 Torreyana Road, La Jolla, California 92037, for the following violation:

Violation

Idec Pharmaceuticals Corporation violated Health and Safety Code, section 25200.14(b), in that on January 1, 1997, Idec Pharmaceuticals Corporation failed to submit a Phase I Environmental Assessment (Phase I Checklist, DTSC Form 1151 - 9/95) to DTSC.

The Phase I Checklist was due to DTSC no later than January 1, 1997 for active or closed facilities under Permit By Rule (PBR) or Conditional Authorization (CA). The Phase I Checklist was mailed to these facilities on June 6, 1996 and June 12, 1996, respectively. A reminder letter was mailed on March 7, 1997 to those facilities that had not submitted a Phase I Checklist to DTSC.



Mr. Mark Thompson
April 7, 2000
Page 2

Schedule of Compliance

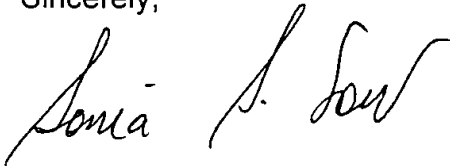
A completed Phase I Checklist must be submitted within thirty (30) calendar days from receipt of this letter to:

Sonia S. Low
Section Chief
Southern California Branch
State Regulatory Programs Division
5796 Corporate Avenue
Cypress, California 90630

Enclosed is a Phase I Checklist (DTSC 1151 - 06/99) for your use. The issuance of this SOV does not preclude DTSC from taking administrative, civil, or criminal action as a result of the violation.

If the Phase I Checklist has been submitted to DTSC or if you have any questions regarding this letter, please contact Mr. Nebu John at (714) 484-5475.

Sincerely,



Sonia S. Low
Section Chief
Southern California Branch
State Regulatory Programs Division

Enclosure

cc: Mr. Michael Dorsey
Chief of Hazardous Materials Division
County of San Diego Department of Environmental Health
P.O. Box 129261
San Diego, California 92112-9261

CERTIFIED MAIL
Z 300 959 436
Return Receipt Requested



Department of Toxic Substances Control



Winston H. Hickox
Secretary for
Environmental
Protection

Edwin F. Lowry, Director
5796 Corporate Avenue
Cypress, California 90630

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JUN 15 11 34 AM '00

Gray Davis
Governor

ENVIRONMENTAL
HEALTH SERVICES

June 13, 2000

Mr. Mark Thompson
Idec Pharmaceuticals Corporation
11011 Torreyana Road
La Jolla, California 92121
EPA ID No. CAD 981 583 479

STIPULATION AND ORDER: DOCKET NO: SRPD 99/00 SNS-4050

Dear Mr. Thompson:

Enclosed for your signature is the Stipulation and Order (Order) which incorporates the areas of agreement for corrective action as discussed during our meeting on June 1, 2000. Please review and have an authorized representative of Idec Pharmaceuticals Corporation sign the Order, and return the signed Order within fifteen (15) days of receipt to the address below:

Department of Toxic Substances Control
State Regulatory Programs Division
Southern California Branch
5796 Corporate Avenue
Cypress, California 90360
Attention: Sonia-S. Low

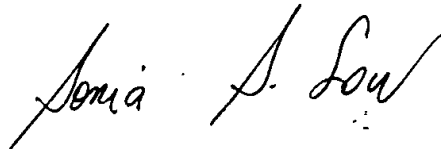
A copy of the final Order will be sent to you after it is signed by DTSC. Please note that the Order will not become effective until the date it is signed by DTSC.



Mr. Mark Thompson
June 13, 2000
Page 2

If you have any questions regarding this letter or Order, please contact Mr. Nebu John, Hazardous Substances Scientist, at (714) 484-5475.

Sincerely,



Sonia S. Low
Section Chief
Southern California Branch
State Regulatory Programs Division

Enclosure

Certified Mail
Z 300 459 465
Return Receipt Requested

cc: ✓ Mr. Michael Dorsey
Chief of Hazardous Materials Division
County of San Diego Department of Environmental Health
P.O. Box 129261
San Diego, California 92112-9261

Mr. Stephen Lavinger, Chief
Southern California Branch
State Regulatory Programs Division
Department of Toxic Substances Control
5796 Corporate Avenue
Cypress, California 90360



County of San Diego

GARY W. ERBECK
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(619) 338-2222 FAX (619) 338-2377
1-800-253-9933

RICHARD HAAS
ASSISTANT DIRECTOR

September 19, 2001

ONSITE MEDICAL WASTE TREATMENT PERMIT

SCOTT C. MEYER
SENIOR SAFETY CONSULTANT
THE SCRIPPS RESEARCH INSTITUTE.
10550 N TORREY PINES RD
LA JOLLA, CA 92037

SITE: THE SCRIPPS RESEARCH INSTITUTE, 10466 N TORREY PINES RD, SAN DIEGO, H14290
THE SCRIPPS RESEARCH INSTITUTE, 3545 JOHN HOPKINS COURT, SANDIEGO, H33602

Dear Mr. Meyer:

On July 25, 2001 your "amended" application for a **revision** of the onsite medical waste treatment permit was received by the County of San Diego Hazardous Materials Division (HMD). The attached permit supercedes existing Onsite Medical Waste Treatment Permits for H14290 and H33602. Upon receipt of this letter please return the original permits to the HMD.

The HMD hereby issues a five-year permit for the onsite treatment of medical waste in the following autoclave(s):

#	Make,	Model	Serial #	Location
A1	ARS,	812132	0495 (0497121691)	BBC Vivarium (Containment) BCCB212
A2	ARS	812182	0496121691 (50944STS)	Immunology Vivarium (Containment) R119
A3	Amsco Medallion	M65CDS	0131878012	Immunology Vivarium Hallway
A4	AMSCO 2041	R78S-4	0123186-010	MB Vivarium (Containment)
A5	AMSCO 2041	R78GA-4	010168902	MB Vivarium Washroom
A6	AMSCO	3000 Series	0103399-07	MEM Vivarium L35A
A7	AMSCO	3043-1	011499117	CVN Vivarium (Containment) CVN133
A8	AMSCO	3043-1	011519109	CVN Vivarium Washroom

PERMIT CONDITIONS

1. The permittee must **not** accept and/or treat medical waste from offsite locations at this facility. This permit authorizes treatment of medical waste from onsite locations only as defined in the California Health and Safety Code, Section 117740.
2. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control which are installed or used by the permittee to achieve compliance with the California Health and Safety Code, Medical Waste Management Act. Proper operation and maintenance shall

"Environmental and public health through leadership, partnership and science"

include but not be limited to: effective performance, adequate funding, adequate operator staffing, training and adequate laboratory process controls, including appropriate quality assurance procedures. Backup facilities or auxiliary systems shall be operated only when necessary to maintain compliance.

3. The permittee shall take all steps to minimize or correct any adverse impact on the environment resulting from noncompliance with the conditions of the permit.
4. The permittee shall not continue an activity regulated by this permit after the expiration date. If the permittee wishes to continue such activity a timely application for renewal must be submitted to the HMD.
5. The permittee shall furnish to the enforcement agency any relevant information which the enforcement agency may request to determine whether cause exists for modifying, revoking, amending, reissuing, or termination of the permit to treat medical waste.
6. The permittee shall allow an authorized representative of the HMD to:
 - a. Enter the permittee's premises at reasonable times, where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of the permit;
 - b. Have access to and copy at reasonable times any records that must be kept under the conditions of the permit; and
 - c. Sample, photograph, or monitor at reasonable times for the purposes of assuring permit compliance.
7. The permittee shall maintain a monitoring program as outlined in the permit application.
8. The permittee shall retain records of all monitoring information not limited to but including all calibration, maintenance records, quality assurance records, strip chart recordings, autoclave logs, and spore tests results, for a minimum of three years.
9. The permittee shall give notice to the HMD at least 30 days in advance of any planned physical alterations or additions to the facility affecting the storage and/or treatment of medical waste.
10. Emergency notification must be made to the HMD for incidents involving medical waste that may endanger public health and safety, or the environment.
11. The permittee shall comply with the procedures and requirements identified in the permit application documents submitted to the HMD as a basis for issuing the medical waste treatment permit.

Scott Meyer

3

September 19, 2001

This onsite medical waste treatment permit will **expire on September 19, 2006**. If the treatment of medical waste is to continue after this period, a permit renewal application must be sent to the HMD 90 days **before** the permit expires.

If this activity is to cease whereby the Closure Plan must be implemented, the HMD must be notified at least 30 days prior to initiation of closure activities. Unauthorized treatment of medical waste is a violation of State law subject to criminal and civil penalties. Failure to meet the permit conditions listed above may cause the revocation or suspension of your permit.

Maintain a copy of this letter and enclosed certificate onsite at or near the treatment unit and available for review during regulatory inspections. If you have any questions, please contact me at 858-495-5213.

Sincerely,



Brad Long, Environmental Health Specialist
Hazardous Materials Division

Enclosure (certificate to be posted at equipment site)

cc: Sylvia Mosse, Supervising Hazardous Materials Specialist, HMD
File H14290
File H33602

CERTIFIED

MAIL/RRR

County of San Diego
Department of Environmental Health
Hazardous Materials Division
Medical Waste Management Program



PERMIT FOR MEDICAL WASTE On-Site Treatment

Has Been Issued To: THE SCRIPPS RESEARCH INST.,

Site Address: 10466 N TORREY PINES RD, SAN DIEGO, HI4290

3545 JOHN HOPKINS COURT, SANDIEGO, H33602

Mailing Address: 10550 N TORREY PINES RD, LA JOLLA, CA 92037

Treatment Equipment: Autoclaves- A1, A2, A3, A4, A5, A6, A7, A8 (See approval letter)

Unified Facility Permit Number: 37-000-H14290

Medical Waste Treatment Element Expiration Date: September 19, 2006

The facility named herein is permitted pursuant to the provisions of the Medical Waste Management Act, California Health and Safety Code, sections 117600 etc. The above named facility shall be subject to all applicable provisions of the above law. This permit is not transferable to any other person or location.

Date Issued: 9-19-2006


Brad Long, EHS III, Hazardous Materials Division

Note: (Not valid without authorized signature)

BRAD LONG



County of San Diego

GARY W. ERBECK
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION

RICHARD HAAS
ASSISTANT DIRECTOR

P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(619) 338-2222 FAX (619) 338-2377
1-800-253-9933

October 3, 2001

Scott C. Meyer
Senior Safety Consultant
The Scripps Research Institute
10550 N. Torrey Pines Rd
La Jolla, CA 92037

ON-SITE MEDICAL WASTE TREATMENT PERMIT INVOICE

Dear Mr Meyer:

Section 65.107(h) of the San Diego Code of Regulatory Ordinances establishes the requirement to recover costs incurred for the review of the permit application and the issuance of an On-Site Medical Waste Treatment Permit.

The attached invoice is for the time spent by County of San Diego, Hazardous Materials Division (HMD) staff to review and process the medical waste treatment permit application for this site. Payment must be made before an On-Site Medical Waste Treatment Permit will be issued.

If you have any questions concerning this invoice, please call (619) 338-2438.

Make checks payable to: DEPARTMENT OF ENVIRONMENTAL HEALTH. Please return one copy of the attached invoice along with your payment.

Please send payment to: COUNTY OF SAN DIEGO
Department of Environmental Health
Attn: Sandra Pimentel
P.O. BOX 85261
San Diego, CA 92186-5261

County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P O. BOX 129261, SAN DIEGO, CA 92112-9261
(619) 338-2222 FAX (619) 338-2377

INVOICE FOR REVIEW OF ONSITE MEDICAL WASTE TREATMENT PERMIT APPLICATION

INVOICE H14290 K16

DATE: Wednesday, September 19, 2001

SITE NAME AND ADDRESS

THE SCRIPPS RESEARCH INST.
10466 N TORREY PINES RD
LA JOLLA 92037
FILE H14290

RESPONSIBLE PARTY AND ADDRESS

THE SCRIPPS RESEARCH INST.
10550 N TORREY PINES RD
LA JOLLA CA, 92037 1027
ATTN:STUART ROSENBERG

BILLING ITEMIZATION OF STAFF HOURS BY REFERENCE

Week Endin	# of Hour	Activity	Charges For
02/08/2001	1.7	TASK: Z33	
03/15/2001	0.4	TASK: Z33	
03/29/2001	1.7	TASK: Z40	
07/05/2001	0.6	TASK: Z33	
09/12/2001	1.2	TASK: Z33	
09/19/2001	1.3	TASK: Z40	

FOR COUNTY USE ONLY

FUND 6230
ACCOUNT 9989
TASK 989
ACTIVITY 429K16

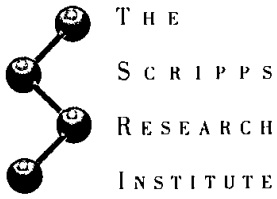
Invoice H14290 -K16

Total Hours 6.9
\$ PER HOUR \$80.00

SubTotal **\$552.00**
Past Due Balance
Payment Recieved
Total Amount Due **\$552.00**

IMPORTANT:
PAYABLE UPON RECEIPT,
PLEASE RETURN THIS COPY WITH YOUR
PAYMENT.

MAKE CHECK PAYABLE TO:
COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH,
P.O. BOX 129261
SAN DIEGO, CA 92112-9261



THE
SCRIPPS
RESEARCH
INSTITUTE

Environmental Health & Safety

RECEIVED
2001 JUL 25 AM 11 35

D. E. H.
MAILROOM

10550 North Torrey Pines Road
La Jolla, California 92037
mail BCC 078
tel 858 784 8240
fax 858 784 8490

July 23, 2001

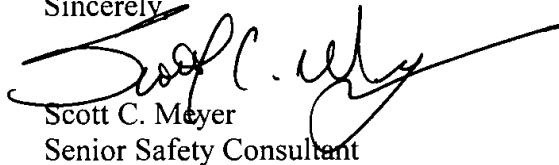
Mr. Brad Long
Environmental Health Specialist
Hazardous Materials Management Division
Department of Environmental Health
P.O. Box 129261
San Diego, CA 92112-9261

Subject: On-Site Medical Waste Treatment Permit Application-Notice of Deficiency

Dear Mr. Long:

Enclosed is the information you requested in your July 3, 2001, Notice of Deficiency letter. Each incomplete or deficient item identified in your attached checklist has been addressed. If you have any additional questions, please contact me at 858-784-8240.

Sincerely



Scott C. Meyer
Senior Safety Consultant

Enclosures (4)

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Certified Mail: 7099 3220 0001 7268 8569

Medical Waste Management Plan Checklist Discrepancy Resolution

1. Biohazardous Waste Hauler Contract

- ✓ The Scripps Research Institute utilizes Stericycle, 7737 Formula Place, San Diego, CA 92121 as our biohazardous waste hauler. As requested, a copy of the contract has been enclosed.

2. Procedures for the processing, storage, transport, and treatment of pathological wastes, trace contaminated tissues, and chemotherapeutic containers and mixed waste.

✓ Recognizable Human Anatomical Remains.

At the present time, The Scripps Research Institute does not handle this type of waste. If this type of waste is to be generated in the future, the Medical Waste Management Plan will be revised.

✓ Mixed Waste.

Mixed waste, as defined in Section 117730 of the Medical Waste Management Act, will be treated at the highest level as specified in the Act (i.e. medical waste and hazardous waste will be treated as hazardous waste; medical waste and radioactive waste will be treated as radioactive waste; medical waste, hazardous waste, and radioactive waste will be treated as radioactive waste). This type of waste is collected in containers marked with the appropriate hazard warning labels. Laboratory and Environmental Health and Safety staff members are instructed to maintain these wastes separate from "non-mixed" wastes and to handle these wastes as stated above.

✓ Pathological and Chemotherapeutic Wastes.

At the present time, The Scripps Research Institute does not handle this type of waste. If this type of waste is to be generated in the future, the Medical Waste Management Plan will be revised.

3. Containment and Storage

- ✓ At the present time, The Scripps Research Institute does not handle pathological or chemotherapeutic wastes.

Mixed wastes are handled as stated in #2 above.

4. Limited Quantity Hauling Exemption

- ✓ No medical waste is transported to this facility from any off-site location for the purpose of consolidation and/or treatment.

5. Common Storage Facilities

- ✓ There are currently no common storage facilities utilized by The Scripps Research Institute for the storage of medical waste collected from small quantity generators.

6. Discharge to Public Sewer System

- ✓ Liquid biohazardous waste material is inactivated with a 10% bleach solution (20 minute contact time) prior to sink disposal. This type of waste includes, but is not limited to, cultures and stocks that may contain a variety of tissue cell lines.

7. Additional Remarks

Supporting Documentation verifying 3545 John Hopkins Court facility is within 400 yards of the 10466 North Torrey Pines boundary.

Enclosed is a scaled map verifying that the property at 3545 John Hopkins Court is within 400 yards of the Main Campus (H#14290) as stated in the On-Site Medical Waste Treatment Permit revision request. The Lot 1 property line is 346 feet from the 3545 John Hopkins Court property line. Lot 1 is contiguous to the Main Campus facility via the Nelson Tunnel. The tunnel runs underneath North Torrey Pines Road. Please reference the enclosed maps. The area of interest can be found in the southeast corner of the site map.

Language to Clarify Responsibility for Administering Part 14 of the Medical Waste Management Act.

The requested language has been added to Attachment 1, #3 (enclosed).

Review of Attached maps:

*3545 John Hopkins Court is within 1600 ft
of 10466 N. Torrey Pines, ~ 1100 ft.*

CUSTOMER NAME: The Scripps Research Institute

ADD 1: 10550 North Torrey Pines Rd

ADD 2: _____

CITY: La Jolla **STATE:** CA

ZIP: 92037 **PHONE:** (619) 784-2985

CONTACT: Larry DeGreif

TITLE: Manager, Environmental Services

CUSTOMER NAME: _____

ADD 1: _____

ADD 2: _____

PURCHASE ORDER # _____

CITY: _____ **STATE:** _____

ZIP: _____ **PHONE:** () _____

CONTACT: _____

TITLE: _____

SERVICE BEGINS ON: 01/01/99 **SERVICE SCHEDULE:** _____ **DAY(S) PER WEEK:** EVERY **AS NEEDED** WEEK(S)

CONTAINERS: **QUANTITY:** _____ **TYPE:** _____

_____ **AS NEEDED** _____

_____ _____

RATES: 1999--18c/1b 2000--19c/1b 2001--20c/1b 2002--21c/1b

EXISTING WASTE: _____ **START-UP FEE:** _____

MONTHLY STORAGE SHED RENTAL: _____ **MONTHLY TUB RENTAL:** _____

UNSCHEDULED PICK-UP: _____ **SERVICE HOURS:** _____

SPECIAL INSTRUCTIONS: _____

Date of Agreement: 12/01/98 **NEW** _____ **RENEWAL** X **ADDITIONAL SITE** _____

EXP 12/31/02 **1** **2** **3**

TERMS AND CONDITIONS

BY SIGNING IN THE SPACE PROVIDED BELOW, THE CUSTOMER ACKNOWLEDGES HAVING READ AND THAT CUSTOMER IS BOUND BY THE TERMS AND CONDITIONS ABOVE AND BELOW ON THIS PAGE AND CONTINUING ON THE REVERSE SIDE OF THIS PAGE.

"CONTRACTOR" **"CUSTOMER"**

RFI Medical Waste Systems (NAME OF OPERATING BROWNING-FERRIS INDUSTRIES SUBSIDIARY) _____ (CUSTOMER NAME)

BY (SIGNATURE): [Signature] **BY (SIGNATURE):** _____

NAME: Jeri Simon **NAME:** _____

TITLE: Account Representative **TITLE:** _____

Inter-Office use ONLY

Type of Agreement (Check One) New New Service Location Service Change Other Contract Change

Term of agreement: _____ Months Date Sent: _____ Date Received: _____

Default Container Type: _____ (If Multiple Containers are used)

Tax Exempt: YES NO If YES, ID# _____ (copy must accompany paperwork)

Purchase Order # _____ From _____ to _____

Segment Code _____

Automatic Payment via Bank YES NO If Yes, Account # _____ Bank Name _____

Automatic Credit Card Payment YES NO If YES, individual to contact _____

Routing Information (Operations Department):

Route # _____ Cycle Begins Date: _____ Day of Service: Mon Tues Wed Thurs Fri Sat Sun

Map Page/ Grid # _____ Routing Comments (Hours) _____

Frequency of Service _____ Container Type _____ Quantity _____ Service Area _____ (Required)

TERMS AND CONDITIONS

1. Biomedical Waste Services (a) Staricycle, Inc. ("SRCL") shall collect, transport, treat and dispose of all Biomedical Waste generated by Customer during the term of this Agreement. "Biomedical Waste" means sharps, hypodermic needles, syringes, microbial cultures, tissue cultures, animal tissues or organs, animal carcasses, animal bedding, laboratory containers and slides that meet the definition of regulated medical waste under 29 CFR 1910.1030 or 49 CFR 173.134 and infectious substances arising from those agents

by chemotherapeutic, cytotoxic, or antineoplastic drug or agents, provided that such items, including vials and syringes, shall be "empty" as defined in applicable federal, state, county or municipal laws, regulations and guidelines. Biomedical Waste does not include, and SRCL may decline to handle, collect, treat or dispose of, any other waste or other material not falling within the definition of Biomedical Waste ("Non-Conforming Waste"), including but not limited to (a) fetal remains and human torsos, (b) radioactive, reactive, corrosive, ignitable or toxic wastes and any and all other hazardous wastes and substances as defined in any applicable federal, state, county or municipal laws, regulations and guidelines, and (c) pharmaceutical materials (except to the extent that SRCL gives prior written approval and the pharmaceuticals are packaged according to instructions provided), and (d) improperly classified and/or improperly packaged Biomedical Waste.

(b) Customer is solely responsible for properly segregating, packaging and labeling Biomedical Waste. Customer agrees that all containers SRCL supplies to Customer shall be collected and disposed of only by SRCL or its designated representatives. The storage of Biomedical Waste shall be confined to an area on Customer's premises to which only personnel authorized by Customer or SRCL shall have access. Customer shall not place the following items inside red bag medical waste containers: (1) pharmaceutical waste; (2) RCRA characteristic chemotherapy waste which has an alcohol base that makes the mixture ignitable, such as Vepesid; (3) Chlorambucil, Cyclophosphamide, Daunomycin, Melphalan, Mitomycin C, Streptozotocin, and Uraclil Mustard (which are listed RCRA Hazardous Wastes and must be managed as such). Customer shall only place sharps in designated sharps containers. SRCL may at its discretion refuse to collect containers that are improperly packaged or labeled, or that are wet or leaking, and in any event Customer shall be liable for all injuries, losses and damages that result from such containers. Title to Biomedical Waste collected from Customer shall transfer and vest in SRCL at the time it is loaded into SRCL's truck. Customer shall have title to Biomedical Waste at all prior times. Customer shall hold title to any Non-Conforming Waste at all times.

2. Term and Pricing The term ("Term") of this Agreement shall be sixty (60) months from the date of execution of this Agreement.

(a) This Agreement shall automatically renew for successive terms of one year each ("Extension Terms") unless either party has notified the other party in writing during the sixty (60) day period prior to any such renewal date of its desire to terminate this Agreement. All Extension Terms shall be subject to the same terms and conditions as this original Agreement.

(b) SRCL may adjust the contract price to account for operational changes it implements to comply with changes in law, to cover increases in the cost of fuel, insurance, or residue disposal, or to otherwise address cost escalation. SRCL may charge Customer a fee to cover its administrative costs in the event that Customer changes its service requirements during the Term or Extension Term.

(c) If Customer breaches this Agreement by terminating SRCL's collections prior to the expiration of its Term or any Extension Term, or in any other way violates this agreement in such a way that SRCL's continued performance is rendered impossible or commercially impracticable, then, in addition to any rights and remedies SRCL may have at law or in equity, SRCL shall be entitled to collect from Customer an amount in liquidated damages equal to 50% of Customer's average charge on a monthly basis based on the 12 months' billings prior to the cessation of collections (or based on any lesser period if the contract began less than twelve months earlier) times the number of months, including prorated partial months, remaining until the expiration date of the Term or Extension Term. Customer hereby acknowledges that SRCL's damages resulting from the premature termination of collections are impossible of estimation, and include lost profits, inefficiencies resulting from route changes and reduced treatment plant throughput, increased administrative overhead, unrecoverable sunk training/instruction costs, and other elements of injury, and acknowledges further that the foregoing charge is reasonable and is not a penalty.

(d) SRCL shall have the right to terminate this Agreement at any time by giving Customer at least sixty (60) days notice in the event that it is unable to continue performing its obligations under this Agreement due to the suspension, revocation, cancellation or termination of any permit or required to perform this Agreement or in the event that a change in any law, regulation or ordinance makes it impractical or uneconomical, in SRCL's sole discretion, to continue performing this Agreement.

3. Billing SRCL shall provide Customer with monthly, quarterly or annual invoices that are due upon receipt. Customer agrees to pay a late charge on any amounts owed to SRCL that are more than 30 days old, at a rate equal to the lesser of 1 1/2% per month or the maximum rate permitted by law. Customer shall bear any costs that SRCL may incur in collecting overdue amounts from Customer, including, but not limited to, reasonable attorneys' fees and court costs. Should any amounts due pursuant to this Agreement remain unpaid for more than 30 days from the date of the debt's first invoice, SRCL shall have the option, without notice to Customer, to suspend service under this Agreement until the overdue amounts (plus late charges and collection fees) are paid. In the event that SRCL suspends services under this Agreement for any reason, including the expiration or termination of this Agreement or Customer's breach (see 2(c), above), SRCL may remove all containers belonging to it from Customer's premises. Any non-compliant containers will be billed an additional container charge at the current container rate. Non-compliant containers include containers that are overweight under applicable laws or regulations or containers holding Non-Conforming Waste.

4. Surecharge SRCL may also impose a surcharge in the event that SRCL attempts to pick up waste at a Customer location (on either a scheduled pick-up or in response to a Customer request) and, through no fault of SRCL, either (a) there is no Biomedical Waste for SRCL to pick up, (b) waste is not ready for pick-up or (c) the Customer location is closed.

5. Liability for Equipment Customer shall have the care, custody and control of containers and other equipment placed at Customer's premises which is owned by SRCL and accepts responsibility and liability for the equipment and its contents except when it is being physically handled by employees of SRCL. Customer agrees to defend, indemnify and hold harmless SRCL from and against any and all claims for loss or damage to property, or personal injury or death, resulting from or arising in any manner out of Customer's use, operation or possession of any containers and other equipment furnished under this Agreement. Any damage to such property and equipment, other than normal wear and tear, will be charged to the Customer, and payable to SRCL as additional service cost.

6. Indemnification SRCL shall indemnify and hold Customer harmless from any liabilities arising from the gross negligence or willful misconduct of SRCL in the performance of its obligations under this Agreement. Customer shall indemnify and hold harmless SRCL from any liabilities arising from the gross negligence or willful misconduct of Customer, which shall include, but not be limited to, failure to properly store, package, label, or segregate Biomedical Waste and any liabilities relating to Non-Conforming Waste, whether or not collected, transported or treated by SRCL. Each party agrees to pay the reasonable attorneys' fees and costs incurred by the other in bringing a successful indemnification claim under this Paragraph. Customer agrees to pay SRCL's reasonable attorney's fees incurred for any successful defense by SRCL of a suit for indemnification brought against SRCL by Customer.

7. Compliance with Laws SRCL hereby agrees to carry General Liability, Automobile Liability, and Workmen's Compensation Insurance as required by applicable state law, and to otherwise comply with all federal and state laws, rules and regulations applicable thereto and relating to its performance hereunder. As of the date of this Agreement, SRCL has obtained all necessary permits, licenses, zoning and other federal, state or local authorizations required to perform the services under this Agreement and will furnish copies of these to Customer upon request. Customer hereby agrees to comply with all federal and state laws, rules and regulations applicable to its handling of Biomedical Waste and its performance under this Agreement, including, without limitation, all applicable record keeping, documentation and manifesting requirements. SRCL and Customer shall keep and retain adequate books and records and other documentation including personnel records, correspondence, instructions, plans, receipts, vouchers, copies of manifests and tracking records and any other records or reports or memoranda consistent with and for the periods required by applicable regulatory requirements and guidelines pertaining to storage or handling of Biomedical Waste and the services to be performed under this Agreement.

8. Exclusivity Customer agrees to use no other Biomedical Waste disposal service or method during the Term of this Agreement and any Extension Terms.

9. Excuse of Performance SRCL shall not be responsible if its performance of this Agreement is interrupted or delayed by contingencies beyond its control, including, without limitation, acts of God, war, blockades, riots, explosion, strikes, lockouts or other labor or industrial disturbances, fires, accidents to equipment, injunctions or compliance with laws, regulations, guidelines or orders of any governmental body or instrumentality thereof (whether now existing or hereafter created).

10. Independent Contractor SRCL's relationship with Customer pursuant hereto is that of an independent contractor, and nothing in this Agreement shall be construed to designate SRCL as an employee, agent or partner of or a joint venture with Customer.

11. Amendment and Waiver Changes in the types, size and amount of equipment and the frequency of service may be mutually agreed to orally or in writing by the parties, without affecting the validity of this Agreement. Consent to oral changes shall be evidenced by the practices and actions of the parties. All other amendments to this Agreement (other than as provided in 2(b)) shall be effected only by a written instrument executed by the parties. No waiver shall be effective unless submitted in writing by the party granting such waiver. No waiver of any provision of this Agreement shall be deemed a waiver of any other provision of this Agreement and no waiver of any breach or duty under this Agreement shall be deemed a waiver of any other breach or later instances of the same duty.

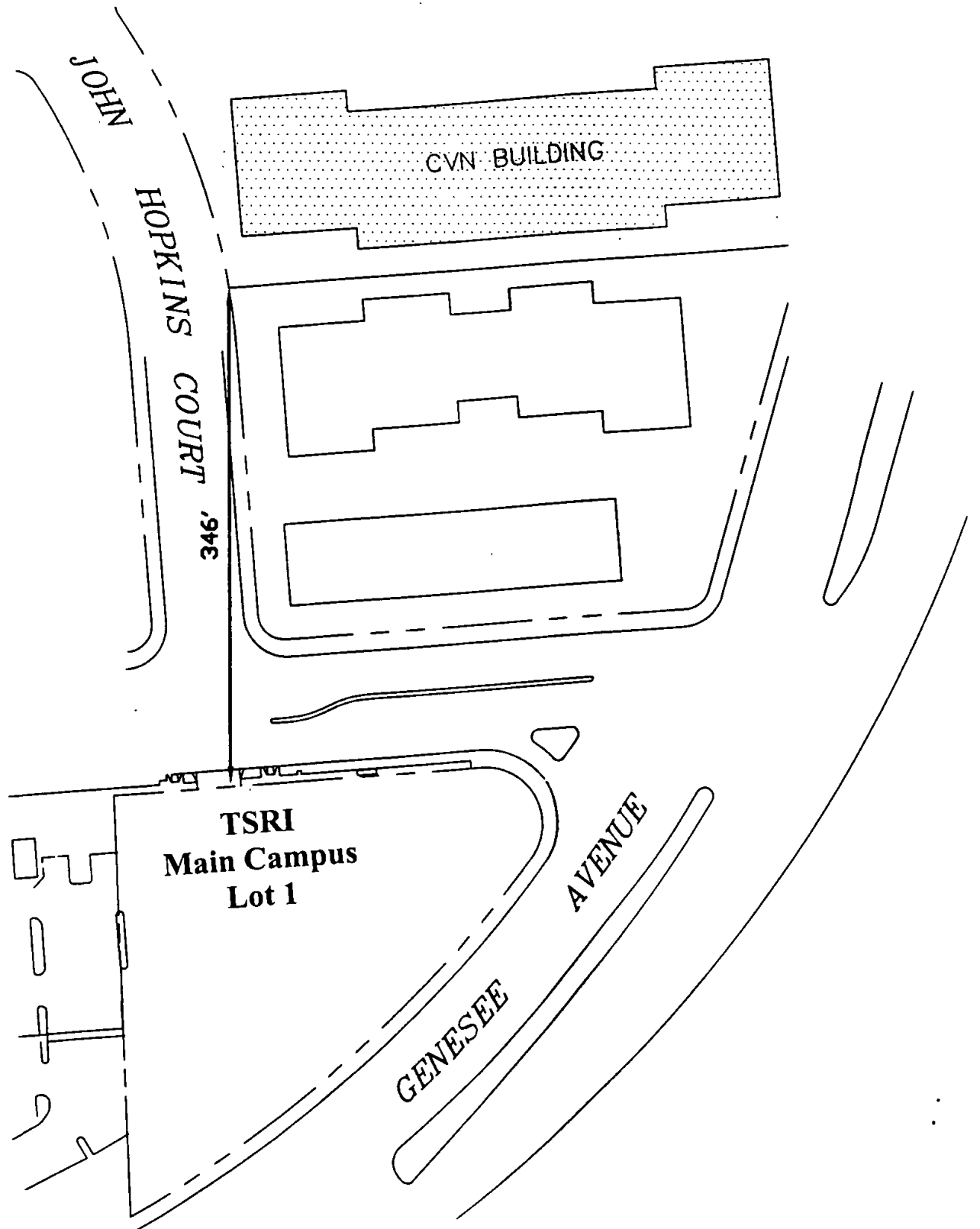
12. Savings Clause In case any one or more of the provisions contained in this Agreement shall, for any reason, be held to be invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not effect any other provisions of this Agreement; this Agreement shall be construed as if such invalid, illegal or unenforceable provision had never been contained herein, unless such finding shall impair the rights or increase the obligations of SRCL hereunder, in which event, at SRCL's option, this Agreement may be terminated.

13. Entire Agreement This Agreement (including any attachments, exhibits and amendments made in accordance with Paragraph 11) constitutes the entire understanding and agreement of the parties and cancels and supercedes all prior negotiations, representations, understandings or agreements, whether written or oral, with respect to the subject matter of this Agreement.

14. Governing Law This Agreement shall be governed by and construed in accordance with the laws of the State of Illinois without regard to the conflicts of laws rules of any jurisdiction.

15. Notices All required notices, or those which the parties may desire to give under this Agreement shall be in writing and sent to the parties' addresses set forth on the reverse side of this Agreement.

16. Counterparts This Agreement may be executed in one or more counterparts, each of which shall be deemed an original but all of which when taken together shall constitute one and the same instrument. A copy or facsimile of this Agreement shall be as effective as an original.



THE SCRIPPS RESEARCH INSTITUTE

SCALE: 1'' = 100'





County of San Diego

GARY W. ERBECK
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION

RICHARD HAAS
ASSISTANT DIRECTOR

P.O. BOX 129281, SAN DIEGO, CA 92112-9281
(619) 338-2222 FAX (619) 338-2377
1-800-253-9933

ONSITE MEDICAL WASTE TREATMENT PERMIT APPLICATION NOTICE OF DEFICIENCY

July 3, 2001

SCOTT MEYER
Environmental Health and Safety
THE SCRIPPS RESEARCH INST.
10550 N TORREY PINES RD
LA JOLLA, CA 92037-1027

SITE: THE SCRIPPS RESEARCH INST., 10466 N. TORREY PINES RD. LA JOLLA, 92037-1027

Dear Mr. Meyer:

The application for a revised onsite medical waste treatment facility permit dated 11/07/2000 has been received by the County of San Diego, Hazardous Materials Division (HMD). An initial review of the application and attached documentation as been completed by this office. It has been determined that the supporting documentation is incomplete or deficient. Attached is an explanation of the areas and issues that require revision. [See attachment, address only the items marked with a "✓"]

We are unable to complete the processing of the permit application until you have resolved the deficiencies and issues noted. Please submit the additional information requested to my attention within **30 days** of receipt of this Notice to comply with the California Medical Waste Management Act

If you have any questions, please contact me at 858-694-2750

Sincerely,

Brad Long, Environmental Health Specialist III
Hazardous Materials Division

Attachment

cc: Sylvia Mosse, HMD, Supervising Environmental Health Specialist
HMD File #H14290

CERTIFIED

MAIL/RRR

"Environmental and public health through leadership, partnership and science"

Date: December, 2000

Medical Waste Management Plan Checklist

Facility Name: THE SCRIPPS RESEARCH INST. HMD File # H14290
Site Address: 10466 N TORREY PINES RD, LA JOLLA, 92037-1027

This facility has been identified as: (check one if applicable)

[] This generator of medical waste is a new facility or did not have a medical waste management plan (MWMP) on file with the Department. Below are the items to be incorporated in the MWMP. Utilize this checklist with the Medical Waste Management Act (MWMA) in revising the MWMP for this facility. If you do not have a copy of the MWMA, contact the Department and one will be provided.

[x] A review of this facility's medical waste management plan (MWMP) revealed that it did not adequately address the items checked below. The items checked below are the areas of the MWMP, which need to be revised. Utilize this checklist with the MWMA, contact the Department and one will be provided.

The items checked shall be incorporated into your facility's medical waste management plan.

[] Provide the name of the contact person at the facility for matters regarding medical waste. Section 117960 (a) of the MWMA.

[] Provide the name, phone number, and address of the facility. Section 117960(b) of the MWMA.

[] Indicate the type of facility. Section 117960 (c) of the MWMA.

[] Indicate the types and estimated average monthly quantity, of medical waste generated, Section 117960 (d) of the MWMA. See Sections 117635 and 117755 of the MWMA for types of medical waste.

[] Indicate the on-site medical waste treatment method utilized if applicable. Section 117960 (e) of the MWMA.

[x] The name and business address of the registered hazardous waste hauler utilized to have untreated medical waste removed for treatment, if applicable. Sections 117960 (f) (g) of the MWMA.

Observation- In addition the onsite treatment of Medical Waste, untreated medical waste is picked-up using a registered hazardous waste hauler. Also, the emergency action plan indicates in the event of onsite treatment disruption medical waste will be transferred to BFI or other licensed medical waste hauler.

Corrective Action- Provide a copy of the biohazardous waste hauler contract. (Note outdated reference to BFI).

- ___ The name and business address of the offsite treatment facility to which the medical waste is being hauled, if applicable. Section 117960 (h).
- ___ Provide an emergency action plan. Indicate in the emergency action plan the actions to be taken in the event of a disruption of service as a result of a natural disaster or equipment failure. Section 117960 (i) of the MWMA.
- ___ Provide a statement certifying that the information provided is complete and correct. Section 117960 (j) of the MWMA.
- ___ Indicate in the medical waste management plan that tracking documents and treatment records will be maintained for 3 years. Section 117957 of the MWMA.

Procedures for the processing, storage, transport, and treatment of pathological wastes (recognizable human anatomical remains), trace contaminated tissues, and chemotherapeutic containers, and mixed waste.

- ok √ Indicate in the medical waste management plan how recognizable human anatomical remains are to be handled or treated to assure compliance with Section 118220 of the MWMA. Describe the procedures to be utilized in their handling. If there are no medical wastes produced which contain or are comprised of recognizable anatomical remains, indicate this fact in the medical waste management plan, and it will not be necessary to provide procedures for the handling of these wastes.

Corrective Action- Address how recognizable human anatomical remains are to be handled, if none are handled than provide a statement to this effect.

- ok √ Indicate in the medical waste management plan how mixed waste as specified in Section 117730 of the MWMA are to be handled. State the procedures to be utilized to assure proper handling. If there is no mixed waste produced by this facility containing hazardous or radiological materials, indicate this fact in the medical waste management plan, and it will not be necessary to provide procedures for the handling of these wastes.

Corrective Action- Address how mixed waste are to be handled, if none are handled than provide a statement to this effect.

- ok √ Indicate in the medical waste management plan how pathological and chemotherapeutic wastes are handled and treated. The medical waste management plan must contain the definition of "empty," as specified in Section 117635 of the MWMA to assure that pathological and chemotherapeutic wastes are properly handled. Describe the procedures

to be employed to assure proper handling. If these wastes are not generated or handled by this facility, indicate this fact in the medical waste management plan, and it will not be necessary to provide procedures for the handling of these wastes.

Corrective Action- Address how pathological and chemotherapeutic wastes are to be handled, if none are handled than provide a statement to this effect.

Containment and Storage

- ___ Indicate in the medical waste management plan that medical waste will be contained separately from other waste at the point of generation. Section 118275 (a) of the MWMA.
- ___ Indicate in the medical waste management plan that the medical waste shall be placed in a red biohazard bag. Sections 118275 (b) and 117630 of the MWMA.
- ___ Indicate in the medical waste management plan that sharps waste must be contained in a sharps container. Sections 118275 (c), 117750, and 117755 of the MWMA.

✓
OK Section 118275 (d) of the MWMA: See section regarding handling procedures for pathological, trace chemotherapeutic, and mixed waste.

Observation- Procedures for pathological, trace chemotherapeutic, and mixed waste are not provided.

Corrective Action- If pathological, trace chemotherapeutic, and/or mixed waste(s) are to be generated provide procedures as required in Section 118275 (d).

- ___ Indicate in the medical waste management plan that red biohazard bags are to be tied. Section 118280 (a) of the MWMA.
- ___ Indicate in the medical waste management plan that red biohazard bags are to be placed for storage, handling, and transport in rigid containers with tight-fitting lids labeled with the words "Biohazardous Waste," or the word "Biohazard," and the international biohazard symbol on the lids and side so as to be visible from any lateral direction. Sections 118280 (b) and 117645 of the MWMA.
- ___ Indicate in the medical waste management plan the maximum storage time of medical waste above 32 degrees Fahrenheit (7 days). If stored at or below 32 F, state this fact in the plan and describe the storage temperature monitoring schedule (maximum storage time at or below 32 F is 90 days). Section 118280 (d) (1&2) of the MWMA.

- ___ Provide in the medical waste management plan the procedures to containerize sharps waste. Section 118285 (a-d) of the MWMA.
- ___ Provide in the medical waste management plan the protocol for the routine washing and decontamination of reusable rigid medical waste containers. (see Section 118295 (a)(b) for approved methods, disinfectants, and use).
- ___ Provide in the medical waste management plan the techniques performed and disinfectants to be utilized in the cleanup of medical waste spills. Provide the type(s) of disinfectant, concentration, and contact time used for the decontamination of spills. See Section 118295 (b) for approved disinfectants and use. Section 118300. Indicate in the medical waste management plan that the accumulation area utilized by the facility to store containers of medical waste for accumulation must be secured so as to prevent or deny access by unauthorized persons and posted with warning signs, on or adjacent to, the exterior of the entry doors, on entry doors, gates, or lids. These warning signs must be in both English and Spanish as follows: **CAUTION--BIOHAZARDOUS WASTE STORAGE AREA-- UNAUTHORIZED PERSONS KEEP OUT**, and in Spanish: **CUIDADO--ZONA DE RESIDUOS BIOLÓGICOS PELIGROSOS-- PROHIBIDA LA ENTRADA A PERSONAS NO AUTORIZADAS**. Section 118310 of the MWMA. State in your plan, that the signage stated above is provided and the medical center locations where the signage is required.

Limited Quantity Hauling Exemption

- OK Indicate in the medical waste management plan if offsite medical waste is transported to this facility for consolidation and/or treatment. If so, indicate the sources and the protocols in place for accepting the waste. Section 118030 of the MWMA.

Observation - Protocols for accepting medical waste for consolidation and/or treatment are not provided.

Corrective Action – Provide protocols for accepting medical waste for consolidation and/or treatment. If medical waste is not going to be accepted for consolidation and/or treatment provide a statement to this effect.

Common Storage Facilities

- ___ Provide a medical waste management plan, addressing all issues above, and indicate in the plan the nature of the medical waste generated by the individual generators.

- OK Provide a list of small quantity generators of medical waste using the facility for the storage of their medical waste. Indicate in this list the name of each generator, suite number, telephone number, and contact person.

Observation- The above issue is not addressed.

Corrective Action- If common storage of medical waste is to be aloud for small quantity generators provide a list as indicated. If a common storage practices are not going to be conducted provide a statement to this effect.

Treatment

Discharge to Public Sewer System

√ Provide in the medical waste management plan the medical waste to be treated by means of discharge to the public sewer system. Describe in detail methods to be utilized and the types of medical waste to be treated in this manner. Section 118215 (b) of the MWMA.
ok

Observation- Liquid bio-hazardous waste is routinely generated, treated, and discharged to the public sewer system. The above information is not provided.

Corrective Action- Provide in the medical waste management plan the medical waste to be treated by means of discharge to the public sewer system. Describe in detail methods to be utilized and the types of medical waste to be treated in this manner. Section 118215 (b) of the MWMA.

Facilities, which do not treat medical waste on-site, are NOT responsible for the information below.

Steam Sterilization

___ Provide in the medical waste management plan standard written operating procedures for biological indicators, or for other indicators of adequate sterilization approved by the Department, for each steam sterilizer, including time, temperature, pressure, type of waste, type of container, closure on container, pattern of loading, water content, and maximum load quantity. Section 118215 (c) (1) of the MWMA.

___ Provide in the medical waste management plan procedures established for checking recording or indicating thermometers during each complete cycle to ensure the attainment of 121EC (250EF) for at least one-half hour, depending on the quantity and density of the load, in order to achieve sterilization of the entire load. Sections 118165 (c) (2) of the MWMA.

___ Indicate in the medical waste management plan that for each treatment cycle the amount and types of medical waste treated shall be recorded and maintained as part of the treatment records. Section 118155 (f) of the MWMA.

___ Indicate in the medical waste management plan that thermometers shall be checked for calibration annually and that records of the calibration checks shall be maintained as part of the facility's files and records for a

period of three years, or for the period specified in the regulations.

Section 118215 (c) (3) of the MWMA.

- Indicate in the medical waste management plan that heat-sensitive tape, or another method acceptable to the enforcement agency, shall be used on each biohazard bag or sharps container that is processed on-site to indicate attainment of adequate sterilization conditions. Section 118215 (c) (3) of the MWMA.
- State the course of action to be taken in the event that the heat-sensitive tape has not changed color and/or the thermometer indicates that proper sterilization has not taken place. Section 118215 (c) (1) of the MWMA.
- Indicate in the medical waste management plan that biological indicator *Bacillus Stcarothermophilus*, or other indicator of adequate sterilization, as approved by the department, shall be placed at the center of a load processed under standard operating conditions at least monthly to confirm the attainment of adequate sterilization conditions. Section 118215 (c) (4) of the MWMA.
- State in the medical waste management plan that all records pertaining to on-site treatment shall be maintained for a period of not less than three years. Sections 117957, 118165 (b), and 118215 (c) (5) of the MWMA.

Incineration

- Provide a copy of the air pollution permit issued by the local enforcement agency to operate the medical waste indicator. Section 118155 (f) of the MWMA.
- Indicate in the medical waste management plan the medical waste treatment standards and quality control audit procedures, such as throughput and types of waste logs, inspection checklist, maintenance records, incinerator operating procedures, and inspection of ash, and maximum amount of throughput to achieve minimum treatment standards. Sections 118155 and 118215 (a) of the MWMA.
- Indicate in the medical waste management plan that for each treatment cycle the amount and types of medical waste treated shall be recorded and maintained as part of the treatment records. Section 118155 (f) of the MWMA.
- State in the medical waste management plan that all records pertaining to on-site treatment shall be maintained for a period of not less than three years. Sections 117957 and 118165 of the MWMA.

Large quantity generators treating medical waste on-site (Title 22, ch. 21)

- Include in the medical waste management plan a map showing all areas up to one mile beyond the property boundaries. Identify access roads and the type of development surrounding the facility (e.g., residential, commercial, recreational, schools, etc.).

- Include in the medical waste management plan a closure plan, including a written estimate of the cost of closing the facility.
- Include in the medical waste management plan the CEQA clearance or Notice of Exemption obtained from the lead agency at the time of permit approval.

Additional Remarks

Observation- The revised permit application indicates the CVN facility located at 3545 John Hopkins Court San Diego, CA 92121 is within 400 yards of the 10466 N. Torrey Pines boundary, qualifying as an "Adjacent Property". Documentation supporting this qualification is not provided.

Corrective Action- Provide supporting documentation (Scaled Maps, Surveyor records, etc.) verifying the 3545 John Hopkins Court is within 400 yards of the 10466 N. Torrey Pines boundary.

Observation- Attachment 1, #3, indicates there has been no Federal or State compliance issues relative medical wastes, however a list of discrepancies have been identified by the County.

OK

Corrective Action- Add language to clarify that the County of San Diego, Department of Environmental Health, Hazardous Materials Division is the Enforcement Agency as defined by Sec 117650 responsible for administrating Part 14 of the Medical Waste Management Act.

7000 1670 0000 5000 9696 4572

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

OFFICIAL USE

Postage	\$	Postmark Here
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$	

Sent To: *Scrupps Research Inst.*
 Street, Apt. No. for PO Box No. _____
 City, State, ZIP+4 _____

PS Form 3800, May 2000 See Reverse for Instructions



MT 5/6/96

COUNTY OF SAN DIEGO

5-7-96
A. Fowler

POST. NUMBER H 23318

DATE 4/29/96

PAGE 1 OF 3

BUS CODE K67

SPECIALIST Matt Trainor

CONTACT Allison Fowler

TITLE Asst. Safety Director

PHONE 535-5400

COMPLIANCE INSPECTION REPORT

BUSINESS NAME Stratogene Cloning Systems

ADDRESS 11011 N. Torrey Pines Rd

CITY/ZIP La Jolla CA 92037

On the above date an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (H&S) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

Processed 7/9/96 MSC

Office Use Only

Violation: JUN 04 1996

1) One container of hazardous waste, (silane waste in brown glass bottle dated 9/2/93) under hood #7 in lab A is stored for over one year.

- To Comply: Date all hazardous waste containers with initial accumulation date and dispose of waste within one year (for satellite accumulation) or within 90 days of accumulating 100 kilograms facility wide (non-satellite accumulation)

Remarks:

- Hazardous materials business plan was verified by Allison Fowler. Keep a copy available on site with location known to designated emergency coordinators. Document annual employee training outlined in business plan (including topics).
- Several hazardous waste containers were completely labeled (were missing dates and/or contents) during this inspection. Completely label hazardous waste containers when first used.
- Keep both generator and TSDf copies of manifests on site for review. If you cannot obtain the TSDf copy, file an exception report with California EPA. Keep manifest and/or receipts for at least three years.

Signature of Business Representative

Ass. Safety Director
Title

Department of Environmental Health, Hazardous Materials Management Division, P.O. Box 85261, San Diego, CA, 92186-5261

(619) 338-2222



COUNTY OF SAN DIEGO

EST. NUMBER H 23318

DATE 4 1 29 196

PAGE 2 OF 3

SUPPLEMENTAL INSPECTION REPORT

Office Use Only

BUSINESS ADDRESS: 11011 N. Torrey Pines Rd La Jolla ZIP CODE: 92037

- Two sharps containers (Bellvue synthesis area) and one biohazard can (labeled as "hazardous waste") were properly labeled during the inspection. Label sharps containers with name, address, & phone number when first used. Separate hazardous waste from biohazardous waste; label appropriately.
- Contact California EPA regarding EPA # for this site. Two EPA #s have been used in the last year (CAL913475948 + CAL981975261). Use correct, current number on future hazardous waste manifests.
- Strongly advise you keep a log book to show transfer of waste oil. (include date, quantity, where hauled, & name of hauler).

R W

Signature of Business Representative

Ass. Safety Director Title

Department of Health Services, Environmental Health Services, Hazardous Materials Management Division, PO Box 85261, San Diego, CA, 92186-5261

(619) 338-2222

DISTRIBUTION: WHITE-RETURN TO HMMD YELLOW-BUSINESS RETAINS



COUNTY OF SAN DIEGO

EST. NUMBER H 23318

COMPLIANCE INSPECTION REPORT

DATE 4/29/96

PAGE 3 OF 3

BUSINESS ADDRESS: 11011 N. Torrey Pines Rd La Jolla CA 92037

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19/22/23 of the California Code of Regulations (CCR), Chapters 6.5, 6.7, 6.95 of the Health and Safety Code (HSC), and/or the San Diego County Code (SDCC).

I HAZARDOUS WASTE REQUIREMENTS:

RECORD KEEPING

- Health Permit not obtained SDCC 68.905
No EPA Identification Number 66262.12
Waste Manifests/Receipts not on-site for 3 years 66262.40
Manifest not properly completed 66262.23
Manifest copy not sent to CAL-EPA 66262.23
TSDF signed-manifest not on-site 66262.40
Biennial report not sent to CAL-EPA 66262.41
LDR Documentation not available 66268.7
Exception Rpt. not filed with CAL-EPA 66262.42
Operating TSDF without authorization 25201

- V0108 W
V0105 W
V0118 W
V0120 W
V0115 W
V0121 W
V0122 W
V0123 W
V0116 W
V0124 W

STORAGE AND HANDLING

- Waste stored longer than 90 days 66262.34
Waste container missing/improperly labeled 66262.34
Haz Materials not properly labeled 25124
Waste container not kept closed 66265.173
Waste container in poor condition 66265.171
Waste container(s) not properly managed 66265.173
Damaged container not repackaged 66265.171
Container incompatible with waste 66265.172
Incompatibles in the same container 66265.177
Incompatibles not stored separately 66265.177
Ignitable Wastes less than 50 feet 66265.176
Ignitable Wastes not grounded 66265.31
Storage area not inspected weekly 66265.174

- V0221 W
V0222 W
V0223 W
V0202 W
V0205 W
V0210 W
V0226 W
V0207 W
V0224 W
V0213 W
V0214 W
V0215 W
V0216 W

DISPOSAL AND TRANSPORTATION

- Unauth. disposal of waste to 25189.5
Waste determination not made 66262.11
Unlawful transport of haz. waste 25183
Waste transported without manifest 66262.20
No Extremely Haz. Waste Permit 67430.1

- V0313 W
V0319 W
V0315 W
V0316 W
V0317 W

TRAINING, CONTINGENCY PLAN & EMERGENCY PROCEDURES

- Training records unavailable 66265.16
Training program not adequate 66265.16
Facility not designed to minimize release 66265.31
Spill control equip not available 66265.32
Aisle space is obstructed 66265.35
Contingency plan not prepared and/or on file 66265.51, 66265.53

- V0405 W
V0406 W
V0501 W
V0508 W
V0509 W
V0608 W

MISCELLANEOUS

- Waste oil contaminated 25250.7
Used oil filters improperly managed 66266.130
Damaged batteries improperly managed 66266.81

- V0226 W
V0701 W
V0702 W

II UNDERGROUND STORAGE TANK (UST) REQUIREMENTS:

GENERAL UST REQUIREMENTS

- Health Permit not obtained 68.1005, 25284
Repair/modify/close permit not obtained 68.1005
UST Permit Application not submitted 25286(e)
Operating permit conditions violated 2712
Failed to notify HMMMD of changes 25284
No owner/operator agreement 25293
No records of financial coverage 25292.2
No maint/monit/calib records available 2712(b), 2641i

- V3002 T
V3007 T
V3010 T
V3011 T
V3012 T
V3005 T
V3013 T
V3001 T

MONITORING REQUIREMENTS (SINGLE WALL)

- Leak Detection Method does not meet performance standards 2643
Annual Integrity test not conducted 25292
Copy of tank test not submitted to HMMMD within 30 days 2643
Manual tank gauging (<2000 gal) not done properly 2645
Reconciliation not done properly 2646
Reconciliation not approved for facility 2646
Dispenser meter(s) not calib annually 2646
Improper liquid measurements 2646
Stick in poor condition 2646
Improper monthly reconciliation 2646
Failed to report excessive variation 2646
Pressurized Product Piping Leak Device not tested annually 25292

- V3014 T
V3015 T
V3016 T
V3017 T
V3018 T
V3019 T
V3020 T
V3021 T
V3022 T
V3023 T
V3024 T
V3025 T

MONITORING REQUIREMENTS (DOUBLE WALL)

- Monitoring system not functional 2632
No written monitoring procedure 2632
Written response plan not available 2632
Spill/Overfill equip. not maintained or installed 2635

- V3026 T
V3027 T
V3028 T
V3029 T

RELEASE REPORTING

- Failure to report an unauthorized release 25295
Release record log not available 2651, 2650
No leak report/investigation/action 2652

- V3009 T
V3030 T
V3031 T

CLOSURE

- Temporary closure req. not completed 2671
Abandoned tank not properly closed 25298
Permanent closure req. not completed 2672

- V3006 T
V3032 T
V3033 T

III HAZARDOUS MATERIALS BUSINESS PLAN REQUIREMENTS:

RECORD KEEPING

- Health Permit not obtained SDCC 68.1105
Business Plan not established/implemented 25503.5
Business Plan not submitted to HMMMD 25505
Business Plan not amended 25505
Personnel Training Records not available 2732

- V2001 W
V2002 W
V2007 W
V2003 W
V2302 W

RELEASE REPORTING

- Failure to report a release/threatened release 25507

- V2008 W

BUSINESS PLAN ELEMENTS

- Emergency Response Plan inadequate 25504
Emergency Contacts not provided/current 25509
Personnel Training Program inadequate 25504
Inventory is incomplete 25504
Site Map is not sufficient 25509
Acutely Haz. Mat. not registered 25533

- V2201 W
V2203 W
V2301 W
V2005 W
V2202 W
V2009 W

An inspection summary report will be mailed shortly. All violations must be corrected. Please call (619) 338-2222 if you have any questions.

Signature of Establishment Representative

Signature of Ass. Safety Director

Department of Environmental Health, Hazardous Materials Management Division, P. O. Box 85261, San Diego, CA 92186-5261

DISTRIBUTION: WHITE-RETURN TO HMMD YELLOW-BUSINESS RETAINS



City of San Diego Building Inspection Department

Hazardous Materials Questionnaire

NO SAHA

H 27318
80 E 9-93
ms/ear: 3/20/95

Business Name: STRATAGENE, Contact Person: Larry Turner, Telephone: 535-5400 x 5435, Mailing Address: 11011 N. Torrey Pines Rd. SD CA 92037, Plan File #: A103571-96, Project Address: same

PART I: CITY OF SAN DIEGO FIRE DEPARTMENT - HAZARDOUS MATERIALS MANAGEMENT DIVISION: OCCUPANCY CLASSIFICATION

Indicate, by circling the item, whether your business will or did process or store any of the following hazardous materials. If any of the items are checked off, applicant must contact the Fire Department-Hazardous Materials Management Division, 1222 First Ave., San Diego, CA 92101 - 4th Floor - Telephone (619) 236-6883 (except item #15).

- 1. Explosives or Blasting Agents, 2. Compressed Gases, 3. Flammable or Combustible Liquids, 4. Flammable Solids, 5. Organic Peroxides, 6. Oxidizers, 7. Pyrophorics, 8. Unstable (reactive) Materials, 9. Water-Reactives, 10. Cryogenics, 11. Highly Toxic or Toxic Materials, 12. Radioactives, 13. Corrosives, 14. Other Health Hazards, 15. None of These Items

PART II: COUNTY OF SAN DIEGO HEALTH DEPARTMENT - HAZARDOUS MATERIALS MANAGEMENT DIVISION: CONTINGENCY PLAN REVIEW

If the answer to any of the questions is yes, applicant must contact the County of San Diego Health Department Hazardous Materials Management Division, 1225 Imperial Avenue, 3rd floor, San Diego, CA 92138. Telephone (619) 338-2222 prior to the issuance of a building permit.

- 1. YES [X] NO [] Is your business type listed on the reverse side of this form?
2. YES [] NO [X] Will your business dispose of Hazardous Substances or Medical Wastes in any amount?
3. YES [] NO [X] Will your business store, or handle Hazardous Substances in quantities equal to or greater than 55 gallons, 500 pounds or 200 cubic feet or carcinogens/reproductive toxins in any quantity?
4. YES [] NO [X] Will your business use an existing, or install an underground storage tank?
5. YES [] NO [X] Will your business store, use or handle carcinogens, reproductive toxins, or Acutely Hazardous Materials?
6. YES [] NO [X] For Demolition Permits Only: Does the building or structure for which this demolition permit is requested contain any friable asbestos?

OFFICE USE ONLY
[] RMPP Exempt
Date / Initials
[] RMPP Required
Date / Initials
[] RMPP Completed
Date / Initials

PART III: SAN DIEGO AIR POLLUTION CONTROL DISTRICT

If the answer to any of the questions is yes, applicant must contact the Air Pollution Control District, 9150 Chesapeake Drive, San Diego, CA 92113. Telephone (619) 694-3307 prior to the issuance of a building permit.

- 1. YES [] NO [X] Will the intended occupant install or use any of the equipment listed on the Listing of Air Pollution Control District Permit Categories, on the reverse side of this form.
2. YES [] NO [] (ANSWER ONLY IF THE ANSWER TO QUESTION 1 IS YES.) Will the subject facility be located within 1,000 feet of the outer boundary of a school (K thru 12) as listed in the current Directory of School and Community College Districts, published by the San Diego County Office of Education and the current California Private School Directory, compiled in accordance with provisions of Education Code Section 33190.
3. YES [] NO [] For Demolition Permits Only: Does the building or structure for which this demolition permit is requested contain any friable asbestos?

Briefly Describe Nature of the intended Business Activity:

Accounting Offices of Biotech RPO. No change in hazards.

Name of Owner or Authorized Agent: Mark Swenson, AIA

Signature of Owner or Authorized Agent: I declare under penalty of perjury that to the best of my knowledge and belief the responses made herein are true and correct. [Signature] Date: 5/16/96

DO NOT WRITE BELOW THIS LINE

FIRE DEPARTMENT OCCUPANCY CLASSIFICATION:

BY: Date:

Table with 6 columns: EXEMPT FROM PERMIT REQUIREMENTS COUNTY HMMD, APCD, APPROVED FOR BUILDING PERMIT BUT NOT FOR OCCUPANCY COUNTY HMMD, APCD, APPROVED FOR OCCUPANCY COUNTY HMMD, APCD. Includes a circular stamp: COUNTY OF SAN DIEGO REVIEWED [Signature] 5/16/96 DATE No change in hazards.



City of San Diego Building Inspection Department

H-23318 8/19/93 WJ

Hazardous Materials Questionnaire

Business Name: STRATAGENE, Contact Person: Larry Turner, Telephone: 535-5400 X3435, Mailing Address: 11011 N. Torrey Pines Rd., SD, CA 92037, Project Address: Same

PART I: CITY OF SAN DIEGO FIRE DEPARTMENT - HAZARDOUS MATERIALS MANAGEMENT DIVISION: OCCUPANCY CLASSIFICATION

Indicate, by circling the item, whether your business will or did process or store any of the following hazardous materials. If any of the items are checked off, applicant must contact the Fire Department-Hazardous Materials Management Division, 1222 First Ave., San Diego, CA 92101 - 4th Floor - Telephone (619) 236-6883 (except item #15).

- 1. Explosives or Blasting Agents, 2. Compressed Gases, 3. Flammable or Combustible Liquids, 4. Flammable Solids, 5. Organic Peroxides, 6. Oxidizers, 7. Pyrophorics, 8. Unstable (reactive) Materials, 9. Water-Reactives, 10. Cryogenics, 11. Highly Toxic or Toxic Materials, 12. Radioactives, 13. Corrosives, 14. Other Health Hazards, 15. None of These Items

PART II: COUNTY OF SAN DIEGO HEALTH DEPARTMENT - HAZARDOUS MATERIALS MANAGEMENT DIVISION: CONTINGENCY PLAN REVIEW

If the answer to any of the questions is yes, applicant must contact the County of San Diego Health Department Hazardous Materials Management Division, 1225 Imperial Avenue, 3rd floor, San Diego, CA 92138. Telephone (619) 338-2222 prior to the issuance of a building permit.

- 1. Is your business type listed on the reverse side of this form? (X) YES () NO
2. Will your business dispose of Hazardous Substances or Medical Wastes in any amount? (X) YES () NO
3. Will your business store, or handle Hazardous Substances in quantities equal to or greater than 55 gallons, 500 pounds or 200 cubic feet or carcinogens/reproductive toxins in any quantity? (X) YES () NO
4. Will your business use an existing, or install an underground storage tank? () YES (X) NO
5. Will your business store, use or handle carcinogens, reproductive toxins, or Acutely Hazardous Materials? () YES (X) NO
6. For Demolition Permits Only: Does the building or structure for which this demolition permit is requested contain any friable asbestos? () YES (X) NO

OFFICE USE ONLY
RMPP Exempt:
Date: / Initials:
RMPP Required:
Date: / Initials:
RMPP Completed:
Date: / Initials:

PART III: SAN DIEGO AIR POLLUTION CONTROL DISTRICT

If the answer to any of the questions is yes, applicant must contact the Air Pollution Control District, 9150 Chesapeake Drive, San Diego, CA 92113. Telephone (619) 694-3307 prior to the issuance of a building permit.

- 1. Will the intended occupant install or use any of the equipment listed on the Listing of Air Pollution Control District Permit Categories, on the reverse side of this form. (X) YES () NO
2. (ANSWER ONLY IF THE ANSWER TO QUESTION 1 IS YES.) Will the subject facility be located within 1,000 feet of the outer boundary of a school (K thru 12) as listed in the current Directory of School and Community College Districts, published by the San Diego County Office of Education and the current California Private School Directory, compiled in accordance with provisions of Education Code Section 33190. () YES (X) NO
3. For Demolition Permits Only: Does the building or structure for which this demolition permit is requested contain any friable asbestos? () YES (X) NO

Briefly Describe Nature of the intended Business Activity:

BIOTECH R&D - Interior improvements to exist. space

Name of Owner or Authorized Agent:

Mark Swenson

Signature of Owner or Authorized Agent: I declare under penalty of perjury that to the best of my knowledge and belief the responses made herein are true and correct.

Mo Swenson

Date: 1/22/96

DO NOT WRITE BELOW THIS LINE

FIRE DEPARTMENT OCCUPANCY CLASSIFICATION: EXISTING B-2 NO CHANGES

BY: [Signature] Date: 29 Jan 96

Table with 6 columns: EXEMPT FROM PERMIT REQUIREMENTS COUNTY HMMD, APPROVED FOR BUILDING PERMIT BUT NOT FOR OCCUPANCY COUNTY HMMD, APPROVED FOR OCCUPANCY COUNTY HMMD, and their respective APCD counterparts. Includes stamps and handwritten notes.

File *Citadelles 10/2/97*

H file #: H23318

Date: 09/29/97

SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
 HAZARDOUS MATERIALS MANAGEMENT DIVISION
 Annual Carcinogen and Reproductive Toxin Reporting List

Business Name: Stratagene

Business Address: 11011 N. Torrey Pines Rd., La Jolla, CA, 92037

Business Owner or Operator: _____

Please complete the following by entering the chemical name in the chemical name column and then place a check "✓" in the quantity column that most closely estimates the amount on hand. If measured by volume, check the appropriate gallon column(s). If measured by weight, check the appropriate pound column(s). If the chemical is a trade secret, you should check the trade secret box. For example, if you have one pint of benzene in the chemical name column and place a check in the "< 1 gallon" column. (PLEASE NOTE: the symbol < means less than).

Chemical Name	< 1 gallon	1 - 10 gallons	10 - 100 gallons	100 - 500 gallons	500 - 1000 gallons	1000 - 5000 gallons	5000 - 10000 gallons	Trade Secret
Acrylamide			✓					
Chloramphenicol			✓					
Chloroform				✓				
Epichlorohydrin			✓					
Methyl Mercury Compds.			✓					
Radiophenols			✓					
Aspirin								



COUNTY OF SAN DIEGO

EST. NUMBER H 23318
DATE 9/18/97
PAGE 2 OF 5

SUPPLEMENTAL INSPECTION REPORT

Office Use Only

BUSINESS ADDRESS: 11011 N TORREY PINES RD ZIP CODE: 92037
LA JOLLA

LAB B - ONE 5 GALLON JUG OF HPLC WASTE WITH NO START DATE.

LAB D - 1 GALLON & 2 LITER GLASS BOTTLES OF NUCLEIC ACID SYNTHESIZER WASTE NOT LABELED.

LABEL ALL HAZARDOUS WASTE STORAGE CONTAINERS WITH COMPLETED HAZARDOUS WASTE LABELS.

4) OBSERVED SIX SHARPS CONTAINERS MISSING GENERAL LABELING. THERE ~~WAS~~ IS ONE MISLABELED SHARPS CONTAINER IN EACH OF THE FOLLOWING AREAS: LABS A, C, D, E, TISSUE CULTURE, AND FERMENTATION LABS.

LABEL ALL SHARPS CONTAINERS IN USE WITH GENERAL NAME, ADDRESS, AND PHONE NUMBER.

5) AUTOCLAVE THERMOMETER CALIBRATIONS WERE LAST PERFORMED ON 4-29-96. ANNUALLY CALIBRATE ALL AUTOCLAVE THERMOMETERS FOR AUTOCLAVES TREATING BIOHAZARDOUS WASTE. WITHIN 30 DAYS, PERFORM AUTOCLAVE THERMOMETER CALIBRATIONS AND SUBMIT RECORDS TO THE ADDRESS BELOW. MAINTAIN RECORDS ON SITE.

6) OBSERVED 2 RED BIOHAZARDOUS WASTE BAGS ON FLOOR IN LAB A, NOT INSIDE RIGID LABELED CONTAINER. PROVIDE SECONDARY CONTAINMENT FOR RED BIOHAZARDOUS WASTE BAGS. CONTAINERIZE RED BAGS IN RIGID, LEAK RESISTANT LABELED CONTAINERS.

Allison Fowler Signature of Business Representative 09/18/97 Date Signed Safety Program Coordinator Title

Department of Environmental Health, Hazardous Materials Management Division, P.O. Box 85261, San Diego, CA, 92186-5261

(619) 338-2222

DISTRIBUTION: WHITE-RETURN TO HMMD
YELLOW-BUSINESS RETAINS



COUNTY OF SAN DIEGO

EST. NUMBER H 23318
DATE 9, 18, 97
PAGE 3 OF 5

SUPPLEMENTAL INSPECTION REPORT

Office Use Only

BUSINESS ADDRESS: 11011 N TORREY PINES RD ZIP CODE: 92037
CASJOLLA

7) OBSERVED ONE 2 GALLON SHARPS CONTAINER OVERFILLED AND SHARPS WASTE NOT FULLY CONTAINED WITHIN CONTAINER. DO NOT OVERFILL SHARPS CONTAINER, TAPE CLOSE OR TIGHTLY LID FULL SHARPS CONTAINER TO PRECLUDE LOSS OF CONTENTS.

8) MEDICAL WASTE MGMT PLAN DATED 9-17-90 IS ON SITE, HOWEVER PLAN NOT ANNUALLY UPDATED. UPDATE THIS PLAN YEARLY. UPDATED PLAN COMPLETED BY ALLISON FOWLER, SAFETY PROGRAM COORDINATOR

REMARKS:

- WITHIN 30 DAYS, COMPLETE AND SUBMIT YOUR ANNUALLY CARCINOGEN AND REPRODUCTIVE TOXIN REPORTING LIST TO THIS DIVISION. UPDATE AND SUBMIT THIS LIST YEARLY AND MAINTAIN COPY ON SITE. REFER TO PACKET PROVIDED.

- HAZARDOUS MATERIAL BUSINESS PLAN BIENNIAL CERTIFICATION COMPLETED BY ALLISON FOWLER, SAFETY PROGRAM COORDINATOR.

- EMPLOYEE TRAINING DOCUMENTATION OBSERVED.

- VERIFIED HAZARDOUS MATERIALS INVENTORY, COMPRESSED GASES.

Allison Fowler 09/18/97 Safety Program Coordinator
Signature of Business Representative Date Signed Title

Department of Environmental Health, Hazardous Materials Management Division, P.O. Box 85261, San Diego, CA, 92186-5261

(619) 338-2222



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

EST. NUMBER H 23318DATE 9/18/97PAGE 4 OF 5BUSINESS ADDRESS: 11011 N TORREY PINES RD LN JOLLA 92037

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19/22/23 of the California Code of Regulations (CCR), Chapters 6.5, 6.7, 6.95 of the Health and Safety Code (HSC), and/or the San Diego County Code (SDCC).

I HAZARDOUS WASTE REQUIREMENTS:

RECORD KEEPING

- Health Permit not obtained SDCC 68.905 **V0108 W**
- No EPA Identification Number 66262.12 **V0105 W**
- Waste Manifests/Receipts not on-site for 3 years 66262.40 **V0118 W**
- Manifest not properly completed 66262.23 **V0120 W**
- Manifest copy not sent to DTSC 66262.23 **V0115 W**
- TSDF signed-manifest not on-site 66262.40 **V0121 W**
- Biennial report not sent to DTSC 66262.41 **V0122 W**
- LDR Documentation not available 66268.7 **V0123 W**
- Exception Rpt. not filed with DTSC 66262.42 **V0116 W**
- Operating TSDF without authorization 25201 **V0124 W**

STORAGE AND HANDLING

- Waste stored longer than 90, 180, or 270 days 66262.34 **V0221 W**
- Failure to clean up hazwaste off of floor surface 66262.10b **V0313 W**
- Waste container missing/improperly labeled 66262.34 **V0222 W**
- Haz Materials not properly labeled 25124 **V0223 W**
- Waste container not kept closed 66265.173 **V0202 W**
- Waste container in poor condition 66265.171 **V0205 W**
- Waste container(s) not properly managed 66265.173 **V0210 W**
- Damaged container not repackaged 66265.171 **V0226 W**
- Container incompatible with waste 66265.172 **V0207 W**
- Incompatibles in the same container 66265.177 **V0224 W**
- Incompatibles not stored separately 66265.177 **V0213 W**
- Ignitable Waste less than 50 feet 66265.176 **V0214 W**
- Ignitable Waste not grounded 66265.31 **V0215 W**
- Storage area not inspected weekly 66265.174 **V0216 W**

DISPOSAL AND TRANSPORTATION

- Unauth. disposal of waste to 25189.5 **V0313 W**
- Waste determination not made 66262.11 **V0319 W**
- Unlawful transport of haz. waste 25163 **V0315 W**
- Waste transported without manifest 66262.20 **V0316 W**
- Extremely Haz Waste Permit not obtained 25205.7 **V0317 W**

TRAINING, CONTINGENCY PLAN & EMERGENCY PROCEDURES

- Training records unavailable 66265.16 **V0405 W**
- Training program not adequate 66265.16 **V0406 W**
- Facility not designed to minimize release 66265.31 **V0501 W**
- Spill control equip not available 66265.32 **V0508 W**
- Aisle space is obstructed 66265.35 **V0509 W**
- Contingency plan not prepared and/or on file 66265.51, 66265.53 **V0609 W**

MISCELLANEOUS

- Waste oil contaminated 25250.7 **V0225 W**
- Used oil filters improperly managed 66266.130 **V0701 W**
- Damaged batteries improperly managed 66266.81 **V0702 W**
- Facility has failed to notify local CUPA and DTSC of onsite treatment of hazardous waste (tiered permitting) **V0125 W**
- Onsite treatment of waste without authorization 25201 **V0125 W**

II UNDERGROUND STORAGE TANK (UST) REQUIREMENTS:

GENERAL UST REQUIREMENTS

- Health Permit not obtained 68.1005, 25284 **V3002 T**
- Repair/modify/close permit not obtained 68.1005 **V3007 T**
- UST Permit Application not submitted 25286(a) **V3010 T**
- Operating permit conditions violated 2712 **V3011 T**
- Failed to notify HMMD of changes 25284 **V3012 T**
- No owner/operator agreement 25284 **V3005 T**
- No records of financial coverage 25292.2 **V3013 T**
- No maint/monit/calib records available 2712(b), 2641(j) **V3001 T**
- Monitoring Equip. not tested annually 2630, 2641 **V3003 T**

MONITORING REQUIREMENTS (SINGLE WALL)

- Leak Detection Method does not meet performance standards 2643 **V3014 T**
- Integrity test not conducted 25292 **V3015 T**
- Copy of tank test not submitted to HMMD within 30 days 2643 **V3016 T**
- Manual tank gauging (<2000 gal) 2645 not done properly **V3017 T**
- Reconciliation not done properly 2646 **V3018 T**
- Reconciliation not approved for facility 2646 **V3019 T**
- Dispenser meter(s) not calib annually 2646 **V3020 T**
- Improper liquid measurements 2646 **V3021 T**
- Stick in poor condition 2646 **V3022 T**
- Improper monthly reconciliation 2646 **V3023 T**
- Failed to report excessive variation 2646 **V3024 T**
- Pressurized Product Piping Leak Device not tested annually 25292 **V3025 T**
- No written monitoring procedure 2641 **V3027 T**
- No written emergency response plan 2641 **V3027 T**
- SIR reporting incorrectly done 2646.1 **V3004 T**

MONITORING REQUIREMENTS (DOUBLE WALL)

- Monitoring system not functional 2632 **V3026 T**
- No written monitoring procedure 2632 **V3027 T**
- Written emergency response plan not available 2632 **V3028 T**
- Spill/Overfill equip. not maintained or installed 2635 **V3029 T**

RELEASE REPORTING

- Failure to report an unauthorized release 25295 **V3009 T**
- Release record log not available 2651, 2650 **V3030 T**
- No leak report/investigation/action 2652 **V3031 T**

CLOSURE

- Temporary closure req. not completed 2671 **V3006 T**
- Unused tank not properly closed 25298 **V3032 T**
- Permanent closure req. not completed 2672 **V3033 T**
- Failed to apply for temporary closure 25298 **V3008 T**

III HAZARDOUS MATERIALS BUSINESS PLAN REQUIREMENTS:

RECORD KEEPING

- Health Permit not obtained SDCC 68.1105 **V2001 W**
- Business Plan not established/implemented 25503.5 **V2002 W**
- Business Plan not submitted to HMMD 25505 **V2007 W**
- Business Plan not amended 25505 **V2003 W**
- Personnel Training Records not available 19 CCR 2732 **V2302 W**

RELEASE REPORTING

- Failure to report a release/threatened release 25507 **V2008 W**

BUSINESS PLAN ELEMENTS

- Emergency Response Plan inadequate 25504 **V2201 W**
- Emergency Contacts not provided/current 25509 **V2203 W**
- Personnel Training Program inadequate 25504 **V2301 W**
- Inventory is incomplete 25504 **V2005 W**
- Site Map is not sufficient 25509 **V2202 W**
- Acutely Haz. Mat. not registered 25533 **V2009 W**

ALL VIOLATIONS MUST BE CORRECTED. PLEASE CALL (619) 338-2222 OR YOUR INSPECTOR IF YOU HAVE ANY QUESTIONS.

ESTABLISHMENT REPRESENTATIVE Alison HowleyDATE SIGNED 09/18/97TITLE Safety Program Coordinator

Department of Environmental Health, Hazardous Materials Management Division, P. O. Box 85261, San Diego, CA 92186-5261





COUNTY OF SAN DIEGO

EST. NUMBER H 23318
DATE 9/18/97
PAGE 5 OF 5

MEDICAL WASTE GENERATOR REQUIREMENTS

BUSINESS ADDRESS: 11011 N TORREY PINES RD CA JOLLA ZIP: 92037

VIOLATION REPORT: The items checked below refer to specific section numbers of the California Health and Safety Code Sections 25100 and 117600 et. al.; the San Diego County Code of Regulatory Ordinances Sections 68.1201 et. al.; and the California Code of Regulations, Title 22 Sections 65600 et. al. and 66262.10 et. al. All violations must be corrected. Please call (619) 338-2222 or your Inspector if you have any questions.

GENERAL REQUIREMENTS:

- [] An Environmental Health Permit as a medical waste generator has not been obtained. 68.1203, 68.1204, and 117705 V4101 W
[] Unlawful disposal of untreated medical waste to an unauthorized point. 118340 V4102 W
[] Improper treatment of medical waste using an unapproved method or procedure. 118215 V4103 W
[] Medical SOLID WASTE is not stored in a locked trash receptacle or enclosure so as to deny access to unauthorized persons. 68.1202 V4104 W
[] Improper clipping or cutting of sharps waste at the point of generation. 68.1205 V4105 W
[] Medical waste was not separated from other waste at the point of origin. 118275 V4106 W
[] Generator has not maintained reusable containers/bins for medical waste storage in a clean and sanitary manner. 118295 and 118305 V4107 W
[] Storage time exceeded for frozen medical waste, e.g. greater than 90 days. 118280 V4108 W
[] Generator did not clean-up a leak or spill of medical waste in an approved manner. 118300 V4109 W
[] Generator has not secured the enclosure or designated accumulation area for medical waste containers so as to deny access to unauthorized persons. 118310 V4110 W
[] Operator did not post an approved and legible biohazardous waste "warning sign" in English and Spanish at the waste storage area(s). 118310 V4111 W
[] Generator did not store medical waste in approved and properly marked red bags (non-sharps). 118275 V4112 W
[X] Did not place a label with the generator's name, address, and phone number on the outside of the red bag and/or sharps container. 68.1201 and 68.1205 V4113 W 901
[] Generator did not store sharps waste in approved and properly marked sharps container. 118275 V4114 W
[] Transportation of medical waste without State Hauler Registration or without a limited-quantity hauling exemption from County HMMD. 118025 V4115 W
[X] Generator did not have standardized written operating procedures for a steam sterilizer available onsite. 118215 V4116 W
[X] Did not have recording thermometer checked for calibration annually. 118215 V4117 W
[] Generator did not maintain records of thermometer calibration checks for at least 3 years. 118215 V4118 W
[] Operator did not use heat-sensitive tape or other approved method for each load of medical waste treated onsite. 118215 V4119 W
[] Need to use a biological indicator or other approved method at least once a month to confirm proper disinfection conditions. 118215 V4120 W
[X] Must tie-off red bags to prevent leakage or expulsion of contents during handling and storage. 118280 V4121 W
[X] Did not containerize and place red bags in rigid, leak resistant, and covered containers or bins. 118280 V4122 W 907
[] Must have waste container/bin labeled on the lid and side so as to be clearly visible. 118280 V4123 W
[X] Did not tape closed or tightly-lid a full sharps container ready for disposal, to preclude loss of contents. 118285 V4124 W 901

- [] Maximum holding time exceeded for non-putrescible medical waste, e.g. greater than 180 days. 68.1203 V4033 W

LARGE QUANTITY WASTE GENERATORS: (> 200 pounds of waste in a month)

- [X] Medical Waste Management Plan has not been submitted to County HMMD (Annual Requirement). 117960 and 68.1206 V4034 W
[] Must maintain and show proof of "onsite" medical waste treatment records for 3 years. 118215 and 117975 V4035 W
[] Generator did not retain on file disposal receipts and/or tracking documents for waste shipped offsite for at least 3 years. 117975 V4036 W
[] Storage time exceeded for full sharps container(s), e.g. greater than 7 days at room temperature. 118285 V4037 W
[] Storage time exceeded for red bag waste, e.g. more than 7 days at room temperature. 118280 V4038 W

PATHOLOGY WASTE AND CHEMOTHERAPY WASTE HANDLING:

- [] Did not segregate chemotherapy waste from other medical waste. 118275 V4039 W
[] Generator did not label container holding chemotherapy waste with the words "chemotherapy waste" or other approved markings on the lid and sides. 118275 V4040 W
[] Did not segregate pathology waste from other medical waste. 118275 V4041 W
[] Generator did not label container holding pathology waste with the words "pathology waste" or other approved markings on the lid and side. 118275 V4042 W
[] Unlawful disposal of pathology waste or chemotherapy waste to an unauthorized point. 118340 V4043 W

PHARMACEUTICAL WASTE HANDLING:

- [] Generator did not segregate pharmaceutical waste from other medical waste. 118275g V4044 W
[] Generator did not label container holding pharmaceutical waste with the words "incineration only" or other approved markings on the lid and side. 118275g V4045 W
[] Storage time exceeded for pharmaceutical waste, e.g. more than 90 days. (> 10 pounds per calendar year generated) 118280e V4046 W
[] Very small quantity generator of pharmaceutical waste (e.g. <10 pounds waste /calendar year) improperly storing waste for longer than one year. 118280e V4047 W
[] Unlawful disposal of pharmaceutical waste to an unauthorized point. 118340 and 118222 V4048 W

ON-SITE MEDICAL WASTE TREATMENT FACILITY REQUIREMENTS:

- [] Operator has not obtained an onsite medical waste treatment permit from the County. 117950, 118130, 118155, and CCR 65620 V4049 W
[] Must maintain an updated and complete copy of the medical waste treatment permit onsite and available for review. CCR 65621(f), 65623, 118165, and 118180 V4050 W
[] Did not comply with a condition of the medical waste treatment permit issued by the County. CCR 65623 V4051 W

PHOTOCHEMICAL and HAZARDOUS WASTE MGMT. AND DISPOSAL:

- [] Illegal disposal of photoprocessing/ hazardous waste to the sewer, trash, etc. 25189.5 V4052 W
[] Generator has not maintained waste disposal records, e.g. manifests/milk-run receipts, onsite for 3 years. 66262.40 V4053 W
[] Generator has not obtained an EPA Identification Number from the State DTSC for hazardous waste generation, e.g. photoprocessing/hazardous waste. 66262.12 V4054 W
[] Generator did not properly label the container holding hazardous waste. 66262.34 V4055 W
[] Generator did not maintain the container holding hazardous waste tightly closed except when adding or removing waste. 66265.173 V4056 W
[] Generator did not submit a notification to the County prior to treating photochemical waste onsite (e.g. > 10 gallons/month; tiered permitting). 25201.5 V4057 W

SMALL QUANTITY GENERATOR REQUIREMENTS: (<200 pounds per month of waste)

- [] Medical Waste Management Plan has not been submitted to County HMMD (Annual Requirement) 68.1206 and 117935 V4025 W
[] Must maintain and show proof of "onsite" medical waste treatment records for 3 years. 118215 and 117943 V4026 W
[] Generator did not retain on file disposal receipts and/or tracking documents for waste shipped offsite for at least 2 years. 117945 V4027 W
[] Need to apply for and receive a limited-quantity hauling exemption for "self-hauled" medical waste (<20 pounds of waste per week). 118030 and 118025 V4028 W
[] Did not renew a limited-quantity hauling exemption annually. 118030 V4029 W
[] Storage time exceeded for full sharps container(s), e.g. greater than 7 days at room temperatures (for >20 pounds/month generator). 118285 V4030 W
[] Storage time exceeded for red bag waste, e.g., more than 7 days at room temperature (> 20 pounds/month generator). 118280 V4031 W
[] Very small quantity generator (e.g., <20 pounds per month) improperly storing waste for greater than 30 days onsite at room temperature. 118280 V4032 W

Adrian E Fowl ESTABLISHMENT REPRESENTATIVE

09/18/97 DATE SIGNED safety Program Coordinator TITLE

DATE 09/18/97



File

OFFICE USE ONLY
H 23318

Allardes
9/18/97

MEDICAL WASTE MANAGEMENT PLAN

Business Name: Stratagene Type of Business/ Practice: Biotech
Site Address: 11011 N. Torrey Pines Rd. Zip: 92037 Phone# 619/535-5400
Contact Person: Allison Fowler Title: Safety Program Coordinator
24 Hour Emergency Phone # (619) 535-5400 x5438

GENERATION AND STORAGE OF BIOHAZARDOUS WASTE:

Describe below the type and quantity of biohazardous waste generated and managed at this facility. SEE SAMPLE PLAN AND ATTACHMENT FOR DEFINITION OF TERMS USED IN THIS PLAN

MEDICAL WASTE TYPE	QUANTITY (lbs/month)	STORAGE (container type)	TREATMENT METHOD	ON-SITE	OFF-SITE	HAULER NAME*
BIOHAZARDOUS WASTE Sharp Waste Needles/syringes/slides	≤50	sharps container	Autoclave	✓		N/A
Non-sharp Waste Articles containing Fluid Blood (gauze, bandages, tubing, etc.)	≤175 ≤25	red bags	Autoclave	✓		N/A
Solids (cultures, lab waste, etc.)	≤175	red bags	Autoclave	✓		N/A
Liquids (cultures, urine, etc.)	≤5	red baggy/flasks	sewer	✓		N/A
Trace chemotherapy waste	∅					
Contaminated animal carcasses	∅					
Other	∅					
MEDICAL SOLID WASTE Gloves, empty specimen containers, gauze with dry blood, treated biohazardous waste	N/A	regular trash bag	N/A	N/A	N/A	<i>tucked in dumpster</i> COAST WASTE <i>management</i>

* If applicable, attach a copy of biohazardous waste hauler contract or Limited Quantity Hauler exemption.

Biohazardous WASTE STORAGE LOCATION: [Please check the appropriate box(es)].

Biohazardous Waste: Inside establishment in secured area Outside in posted, secure area
Medical Solid Waste: Inside establishment Outside in Locked/secured dumpster

PERSONNEL TRAINING:

All personnel handling biohazardous waste have been trained in all aspects of this management plan. Training includes the legal definition of biohazardous waste, separation and proper storage, transportation, treatment, and disposal of biohazardous waste. Documentation for completed employee training will be kept onsite.

CERTIFICATION STATEMENT:

I certify that the above management plan is complete and accurate, and that this business will adhere to all aspects of the plan. I further understand that any violation of this plan or any applicable law or regulation may result in legal action.

Allison E. Fowler
SIGNATURE OF RESPONSIBLE PERSON
Allison E. Fowler
NAME OF RESPONSIBLE PERSON (please print or type)
Safety Program Coordinator
TITLE
09/18/97
DATE

DISTRIBUTION: WHITE - RETURN TO HMD
YELLOW - BUSINESS RETAINS



City of San Diego
Development Services Department

Stamp
NO SA/M
BP 9/18/97
H-23318

Hazardous Materials Questionnaire

Business Name STRATAGENE	Contact Person STEVE WELLS	Telephone 619 535 5400 X 13030
Mailing Address 11011 N. Torrey Pines Rd	City La Jolla	State CA
Project Address SAME	City	State
	Zip 92037	Plan File # A103654-99
		Permit #

PART I: CITY OF SAN DIEGO FIRE DEPARTMENT - HAZARDOUS MATERIALS MANAGEMENT DIVISION: OCCUPANCY CLASSIFICATION

Indicate, by circling the item, whether your business will or did process or store any of the following hazardous materials. If any of the items are checked off, applicant must contact the Fire Department-Hazardous Materials Management Division, 1222 First Ave., San Diego, CA 92101 - 4th Floor - Telephone (619) 236-6883 (except item #15).

- | | | |
|-------------------------------------|----------------------------------|-------------------------------------|
| 1. Explosives or Blasting Agents | 6. Oxidizers | 11. Highly Toxic or Toxic Materials |
| 2. Compressed Gases | 7. Pyrophorics | 12. Radioactives |
| 3. Flammable or Combustible Liquids | 8. Unstable (reactive) Materials | 13. Corrosives |
| 4. Flammable Solids | 9. Water-Reactives | 14. Other Health Hazards |
| 5. Organic Peroxides | 10. Cryogenics | 15. None of These Items |

PART II: COUNTY OF SAN DIEGO HEALTH DEPARTMENT - HAZARDOUS MATERIALS MANAGEMENT DIVISION: CONTINGENCY PLAN REVIEW

If the answer to any of the questions is yes, applicant must contact the County of San Diego Health Department Hazardous Materials Management Division, 1225 Imperial Avenue, 3rd floor, San Diego, CA 92138. Telephone (619) 336-2222 prior to the issuance of a building permit.

- | | | |
|-------------------------------------|-------------------------------------|--|
| YES | NO | (FEE MAY BE REQUIRED) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1. Is your business type listed on the reverse side of this form? 120.00 |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Will your business dispose of Hazardous Substances or Medical Wastes in any amount? see paid |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Will your business store, or handle Hazardous Substances in quantities equal to or greater than 55 gallons, 500 pounds or 200 cubic feet or carcinogens/reproductive toxins in any quantity? 1/26/99 |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 4. Will your business use an existing, or install an underground storage tank? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 5. Will your business store, use or handle carcinogens, reproductive toxins, or Acutely Hazardous Materials? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 6. For Demolition Permits Only: Does the building or structure for which this demolition permit is requested contain any friable asbestos? |

OFFICE USE ONLY

RMPP Exempt

Date: / / Initials: /

RMPP Required

Date: / / Initials: /

RMPP Completed

Date: / / Initials: /

PART III: SAN DIEGO AIR POLLUTION CONTROL DISTRICT

If the answer to any of the questions is yes, applicant must contact the Air Pollution Control District, 9150 Chesapeake Drive, San Diego, CA 92113. Telephone (619) 694-3307 prior to the issuance of a building permit.

- | | |
|--------------------------|---|
| YES | NO |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 1. | Will the intended occupant install or use any of the equipment listed on the Listing of Air Pollution Control District Permit Categories, on the reverse side of this form. |
| <input type="checkbox"/> | <input type="checkbox"/> |
| 2. | (ANSWER ONLY IF THE ANSWER TO QUESTION 1 IS YES.) Will the subject facility be located within 1,000 feet of the outer boundary of a school (K thru 12) as listed in the current Directory of School and Community College Districts, published by the San Diego County Office of Education and the current California Private School Directory, compiled in accordance with provisions of Education Code Section 33190. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. | For Demolition Permits Only: Does the building or structure for which this demolition permit is requested contain any friable asbestos? |

Briefly Describe Nature of the intended Business Activity:

BP-bi-cent '97
site map '93

office II
Name of Owner or Authorized Agent:

STEVE WELLS (DIRECTOR OF BIOLOGICAL MFG. AND SAFETY)

Signature of Owner or Authorized Agent: I declare under penalty of perjury that to the best of my knowledge and belief the responses made herein are true and correct.
Steve Wells Date: 4-5-99

DO NOT WRITE BELOW THIS LINE

FIRE DEPARTMENT OCCUPANCY CLASSIFICATION: Group B

BY: [Signature] Date: 16 APR 99

EXEMPT FROM PERMIT REQUIREMENTS COUNTY HMMD	APCD	APPROVED FOR BUILDING PERMIT BUT NOT FOR OCCUPANCY COUNTY HMMD	APCD	APPROVED FOR OCCUPANCY COUNTY HMMD	APCD

BP-bi-cent '97
site map '93
method: 5 temp and 12000000
structure Chesapeake rd in fact



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

1/27/00

PAGE 1 OF 6
 EST. NO. H 23318
 DATE 2/23/00 7/27
 TIME START 10:30 END 5:30
 BUS. CODE K67
 SPECIALIST E. PAREDES
 CONTACT BARBARA PARRIGAN
 TITLE SAFETY OFFICER
 PHONE (858) 535-5900

BUSINESS NAME STRATAGENE CLONING SYSTEMS
 ADDRESS 11011 N TORREY PINES RD
 CITY/ZIP LA JOLLA 92037-1007

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California/Health and Safety Code (H&S) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

Office Use Only

(2)
COMPLAINT INSPECTION
VIOLATIONS:

725

VOZZW 551
VOZZW

1) OBSERVED THE FOLLOWING HAZARDOUS WASTE STORAGE CONTAINERS MISSING AND/OR IMPROPERLY LABELED:

* NO START ACCUMULATION DATES *

- 16 GALLON WASTE ETHIDIUM BROMIDE GEL
- 16 GALLON ETHIDIUM BROMIDE SOLUTION WASTE
- 30 GALLON " " " "

- TWO - 5 GALLON ACN/MIX WASTE

* IMPROPERLY LABELED / NOT LABELED *

- THREE - 1 GALLON AND ~~ONE~~ WEIGHT - 1 QUART CONTAINERS OF WASTE VACUUM PUMP OIL
- 16 GALLON DRUM OF ETHIDIUM BROMIDE SOLID DEBRIS WASTE
- THREE - 5 GALLON SAFETY CANS OF XYLENE/ISOPROPANOL WASTE

LABEL ALL HAZARDOUS WASTE STORAGE CONTAINERS WITH COMPLETED HAZARDOUS WASTE LABELS THAT INDICATE GENERATOR INFO, START ACCUMULATION DATE, CONTAINER CONTENTS, HAZARDOUS PROPERTIES,

Signature of Business Representative

2/24/00
 Date Signed

SAFETY OFFICER
 Title

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261; (619) 338-2222



COUNTY OF SAN DIEGO

EST. NUMBER H 23318
DATE 2 / 23 / 00
PAGE 3 OF 6

SUPPLEMENTAL INSPECTION REPORT

Office Use Only

BUSINESS ADDRESS: 11011 N TORREY PINES RD ZIP CODE: 92037-1007
LA JOLLA

- 6) THERE ARE APPROXIMATELY SEVENTEEN - 5 GALLON PLASTIC, RED BAG STORAGE CONTAINERS. NOT LABELED AS EITHER BIOHAZARDOUS OR BIOHAZARDOUS WASTE. ALSO, THERE ARE TWO - 5 GALLON CONTAINERS MISSING THIS LABELING ON LID AND/OR ON SIDE.
LABEL ALL SECONDARY RED BAG STORAGE CONTAINERS, ON LID AND ON SIDE, AS EITHER BIOHAZARDOUS WITH INTERNATIONAL SYMBOL OR AS BIOHAZARDOUS WASTE.
THESE CONTAINERS PROPERLY LABELED BY BARBARA PAGARIGAN, SAFETY OFFICER, DURING INSPECTION.
- 7) OBSERVED ABOUT TWENTY SHARPS CONTAINERS MISSING GENERATOR LABELING. LABEL ALL SHARPS CONTAINERS AND RED BAGS IN USE WITH GENERATOR NAME, ADDRESS, AND PHONE NUMBER. UPDATE AREA CODE TO 858.
GENERATOR LABELING PUT ON DEFICIENT SHARPS CONTAINERS BY MS. PAGARIGAN DURING INSPECTION.
- 8) MEDICAL WASTE MGMT PLAN IS UNAVAILABLE. ANNUALLY UPDATE AND MAINTAIN A COPY OF THIS PLAN ON SITE. WITHIN 15 DAYS, COMPLETE AND SUBMIT A COPY OF THIS PLAN TO THE ADDRESS BELOW.

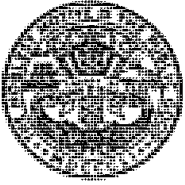
Signature of Business Representative

2 / 24 / 00
Date Signed

SAFETY OFFICER
Title

Department of Environmental Health, Hazardous Materials Management Division, P.O. Box 85261, San Diego, CA, 92186-5261

(619) 338-2222



COUNTY OF SAN DIEGO

EST. NUMBER H 23318
DATE 2/23/00
PAGE 4 OF 6

SUPPLEMENTAL INSPECTION REPORT

Office Use Only

BUSINESS ADDRESS: 11011 N TORREY PINES RD ZIP CODE: 92037-1007
LA JOLLA

REMARKS:

- HAZARDOUS WASTE MANIFESTS AND MEDICAL WASTE TRACKING DOCUMENTS ON FILE
- BUSINESS PLAN ON SITE. SUBMIT UPDATED SITE MAP.
- EMPLOYEE TRAINING DOCUMENTATION OBSERVED
- HEALTH PERMIT EXPIRES 11-30-00
- NO EVIDENCE OF TOXIC PUMPING, NO EVIDENCE OF HAZARDOUS WASTE/MATERIALS DISPOSAL INTO THE TRASH OR SEWER.

Signature of Business Representative

2/24/00
Date Signed

SAFETY OFFICER
Title

Department of Environmental Health, Hazardous Materials Management Division, P.O. Box 85261, San Diego, CA, 92186-5261

(619) 338-2222



COUNTY OF SAN DIEGO

EST. NUMBER H 23318

COMPLIANCE INSPECTION REPORT

DATE 2, 23, 00

PAGE 5 OF 6
CA JOLLA 92037-1007

BUSINESS ADDRESS: 11011 N TORREY PINES RD

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19/22/23 of the California Code of Regulations (CCR), Chapters 6.5, 6.7, 6.95 of the Health and Safety Code (HSC), and/or the San Diego County Code (SDCC).

I HAZARDOUS WASTE REQUIREMENTS:

RECORD KEEPING

- Health Permit not obtained SDCC 68.905
- No EPA Identification Number 66262.12
- Waste Manifests/Receipts not on-site for 3 years 66262.40
- Manifest not properly completed 66262.23
- Manifest copy not sent to DTSC 66262.23
- TSDF signed-manifest not on-site 66262.40
- Biennial report not sent to DTSC 66262.41
- LDR Documentation not available 66268.7
- Exception Rpt. not filed with DTSC 66262.42
- Operating TSDF without authorization 25201

- V0108 W _____
- V0105 W _____
- V0118 W _____
- V0120 W _____
- V0115 W _____
- V0121 W _____
- V0122 W _____
- V0123 W _____
- V0116 W _____
- V0124 W _____

STORAGE AND HANDLING

- Waste stored longer than 90, 180, or 270 days 66262.34
- Failure to clean up hazwaste off of floor surface 66262.10b
- Waste container missing/improperly labeled 66262.34
- Haz Materials not properly labeled 25124
- Waste container not kept closed 66265.173
- Waste container in poor condition 66265.171
- Waste container(s) not properly managed 66265.173
- Damaged container not repackaged 66265.171
- Container incompatible with waste 66265.172
- Incompatibles in the same container 66265.177
- Incompatibles not stored separately 66265.177
- Ignitable Waste less than 50 feet 66265.176
- Ignitable Waste not grounded 66265.31
- Storage area not inspected weekly 66265.174

- V0221 W _____
- V0313 W _____
- ~~V0222 W~~ _____
- ~~V0223 W~~ _____
- ~~V0202 W~~ _____
- V0205 W _____
- V0210 W _____
- V0226 W _____
- V0207 W _____
- V0224 W _____
- V0213 W _____
- V0214 W _____
- V0215 W _____
- V0216 W _____

DISPOSAL AND TRANSPORTATION

- Unauth. disposal of waste to _____ 25189.5
- Waste determination not made 66262.11
- Unlawful transport of haz. waste 25163
- Waste transported without manifest 66262.20
- Extremely Haz Waste Permit not obtained 25205.7

- V0313 W _____
- V0319 W _____
- V0315 W _____
- V0316 W _____
- V0317 W _____

TRAINING, CONTINGENCY PLAN & EMERGENCY PROCEDURES

- Training records unavailable 66265.16
- Training program not adequate 66265.16
- Facility not designed to minimize release 66265.31
- Spill control equip not available 66265.32
- Aisle space is obstructed 66265.35
- Contingency plan not prepared and/or on file 66265.51, 66265.53

- V0405 W _____
- V0406 W _____
- V0501 W _____
- V0508 W _____
- V0509 W _____
- V0609 W _____

MISCELLANEOUS

- Waste oil contaminated 25250.7
- Used oil filters improperly managed 66266.130
- Damaged batteries improperly managed 66266.81
- Facility has failed to notify local CUPA and DTSC of onsite treatment of hazardous waste (tiered permitting)
- Onsite treatment of waste without authorization 25201

- V0225 W _____
- V0701 W _____
- V0702 W _____
- V0125 W _____
- V0125 W _____

II UNDERGROUND STORAGE TANK (UST) REQUIREMENTS:

GENERAL UST REQUIREMENTS

- Health Permit not obtained 68.1005, 25284
- Repair/modify/close permit not obtained 68.1005
- UST Permit Application not submitted 25286(a)
- Operating permit conditions violated 2712
- Failed to notify HMMMD of changes 25284
- No owner/operator agreement 25284
- No records of financial coverage 25292.2
- No maint/monit/calib records available 2712(b), 2641(j)
- Monitoring Equip. not tested annually 2630, 2641

- V3002 T _____
- V3007 T _____
- V3010 T _____
- V3011 T _____
- V3012 T _____
- V3005 T _____
- V3013 T _____
- V3001 T _____
- V3003 T _____

MONITORING REQUIREMENTS (SINGLE WALL)

- Leak Detection Method does not meet performance standards 2643
- Integrity test not conducted 25292
- Copy of tank test not submitted to HMMMD within 30 days 2643
- Manual tank gauging (<2000 gal) 2645 not done properly
- Reconciliation not done properly 2646
- Reconciliation not approved for facility 2646
- Dispenser meter(s) not calib annually 2646
- Improper liquid measurements 2646
- Stick in poor condition 2646
- Improper monthly reconciliation 2646
- Failed to report excessive variation 2646
- Pressurized Product Piping Leak Device not tested annually 25292
- No written monitoring procedure 2641
- No written emergency response plan 2641
- SIR reporting incorrectly done 2646.1

- V3014 T _____
- V3015 T _____
- V3016 T _____
- V3017 T _____
- V3018 T _____
- V3019 T _____
- V3020 T _____
- V3021 T _____
- V3022 T _____
- V3023 T _____
- V3024 T _____
- V3025 T _____
- V3027 T _____
- V3027 T _____
- V3004 T _____

MONITORING REQUIREMENTS (DOUBLE WALL)

- Monitoring system not functional 2632
- No written monitoring procedure 2632
- Written emergency response plan not available 2632
- Spill/Overfill equip. not maintained or installed 2635

- V3026 T _____
- V3027 T _____
- V3028 T _____
- V3029 T _____

RELEASE REPORTING

- Failure to report an unauthorized release 25295
- Release record log not available 2651, 2650
- No leak report/investigation/action 2652

- V3009 T _____
- V3030 T _____
- V3031 T _____

CLOSURE

- Temporary closure req. not completed 2671
- Unused tank not properly closed 25298
- Permanent closure req. not completed 2672
- Failed to apply for temporary closure 25298

- V3006 T _____
- V3032 T _____
- V3033 T _____
- V3008 T _____

III HAZARDOUS MATERIALS BUSINESS PLAN REQUIREMENTS:

RECORD KEEPING

- Health Permit not obtained SDCC 68.1105
- Business Plan not established/implemented 25503.5
- Business Plan not submitted to HMMMD 25505
- Business Plan not amended 25505
- Personnel Training Records not available 19 CCR 2732

- V2001 W _____
- V2002 W _____
- V2007 W _____
- V2003 W _____
- V2302 W _____

RELEASE REPORTING

- Failure to report a release/threatened release 25507

- V2008 W _____

BUSINESS PLAN ELEMENTS

- Emergency Response Plan inadequate 25504
- Emergency Contacts not provided/current 25509
- Personnel Training Program inadequate 25504
- Inventory is incomplete 25504
- Site Map is not sufficient 25509
- Acutely Haz. Mat. not registered 25533

- V2201 W _____
- V2203 W _____
- V2301 W _____
- V2005 W _____
- V2202 W _____
- V2009 W _____

ALL VIOLATIONS MUST BE CORRECTED. PLEASE CALL (619) 338-2222 OR YOUR INSPECTOR IF YOU HAVE ANY QUESTIONS.

[Handwritten signature]

2/24/00

SAFETY OFFICER

ESTABLISHMENT REPRESENTATIVE

DATE SIGNED

TITLE

Department of Environmental Health, Hazardous Materials Management Division, P. O. Box 129261, San Diego, CA 92112-9261

DISTRIBUTION: WHITE-RETURN TO HMMMD
YELLOW-BUSINESS RETAINS



COUNTY OF SAN DIEGO

EST. NUMBER H 23318
DATE 2/23/00
PAGE 6 OF 6

MEDICAL WASTE GENERATOR REQUIREMENTS

BUSINESS ADDRESS: 11011 N TORREY PINES RD LA JOLLA ZIP: 92037-007

VIOLATION REPORT: The items checked below refer to specific section numbers of the California Health and Safety Code Sections 25100 and 117600 et. al.; the San Diego County Code of Regulatory Ordinances Sections 68.1201 et. al.; and the California Code of Regulations, Title 22 Sections 65600 et. al. and 66262.10 et. al. All violations must be corrected. Please call (619) 338-2222 or your Inspector if you have any questions.

GENERAL REQUIREMENTS:

- [] An Environmental Health Permit as a medical waste generator has not been obtained. 68.1203, 68.1204, and 117705 V4101 W
[] Unlawful disposal of untreated medical waste to an unauthorized point. 118340 V4102 W
[] Improper treatment of medical waste using an unapproved method or procedure. 118215 V4103 W
[] Medical SOLID WASTE is not stored in a locked trash receptacle or enclosure so as to deny access to unauthorized persons. 68.1202 V4104 W
[] Improper clipping or cutting of sharps waste at the point of generation. 68.1205 V4105 W
[] Medical waste was not separated from other waste at the point of origin. 118275 V4106 W
[] Generator has not maintained reusable containers/bins for medical waste storage in a clean and sanitary manner. 118295 and 118305 V4107 W
[] Storage time exceeded for frozen medical waste, e.g. greater than 90 days. 118280 V4108 W
[] Generator did not clean-up a leak or spill of medical waste in an approved manner. 118300 V4109 W
[] Generator has not secured the enclosure or designated accumulation area for medical waste containers so as to deny access to unauthorized persons. 118310 V4110 W
[] Operator did not post an approved and legible biohazardous waste "warning sign" in English and Spanish at the waste storage area(s). 118310 V4111 W
[] Generator did not store medical waste in approved and properly marked red bags (non-sharps). 118275 V4112 W
[] Did not place a label with the generator's name, address, and phone number on the outside of the red bag and/or sharps container. 68.1201 and 68.1205 V4113 W
[] Generator did not store sharps waste in approved and properly marked sharps container. 118275 V4114 W
[] Transportation of medical waste without State Hauler Registration or without a limited-quantity hauling exemption from County HMMD. 118025 V4115 W
[] Generator did not have standardized written operating procedures for a steam sterilizer available onsite. 118215 V4116 W
[] Did not have recording thermometer checked for calibration annually. 118215 V4117 W
[] Generator did not maintain records of thermometer calibration checks for at least 3 years. 118215 V4118 W
[] Operator did not use heat-sensitive tape or other approved method for each load of medical waste treated onsite. 118215 V4119 W
[] Need to use a biological indicator or other approved method at least once a month to confirm proper disinfection conditions. 118215 V4120 W
[] Must tie-off red bags to prevent leakage or expulsion of contents during handling and storage. 118280 V4121 W
[] Did not containerize and place red bags in rigid, leak resistant, and covered containers or bins. 118280 V4122 W
[] Must have waste container/bin labeled on the lid and side so as to be clearly visible. 118280 V4123 W
[] Did not tape closed or tightly-lid a full sharps container ready for disposal, to preclude loss of contents. 118285 V4124 W

- [] Maximum holding time exceeded for non-putrescible medical waste, e.g. greater than 180 days. 68.1203 V4033 W

LARGE QUANTITY WASTE GENERATORS:

- (≥ 200 pounds of waste in a month)
[X] Medical Waste Management Plan has not been submitted to County HMMD (Annual Requirement). 117960 and 68.1206 V4034 W
[] Must maintain and show proof of "onsite" medical waste treatment records for 3 years. 118215 and 117975 V4035 W
[] Generator did not retain on file disposal receipts and/or tracking documents for waste shipped offsite for at least 3 years. 117975 V4036 W
[] Storage time exceeded for full sharps container(s), e.g. greater than 7 days at room temperature. 118285 V4037 W
[] Storage time exceeded for red bag waste, e.g. more than 7 days at room temperature. 118280 V4038 W

PATHOLOGY WASTE AND CHEMOTHERAPY WASTE HANDLING:

- [] Did not segregate chemotherapy waste from other medical waste. 118275 V4039 W
[] Generator did not label container holding chemotherapy waste with the words "chemotherapy waste" or other approved markings on the lid and sides. 118275 V4040 W
[] Did not segregate pathology waste from other medical waste. 118275 V4041 W
[] Generator did not label container holding pathology waste with the words "pathology waste" or other approved markings on the lid and side. 118275 V4042 W
[] Unlawful disposal of pathology waste or chemotherapy waste to an unauthorized point. 118340 V4043 W

PHARMACEUTICAL WASTE HANDLING:

- [] Generator did not segregate pharmaceutical waste from other medical waste. 118275g V4044 W
[] Generator did not label container holding pharmaceutical waste with the words "incineration only" or other approved markings on the lid and side. 118275g V4045 W
[] Storage time exceeded for pharmaceutical waste, e.g. more than 90 days. (≥ 10 pounds per calendar year generated) 118280e V4046 W
[] Very small quantity generator of pharmaceutical waste (e.g. < 10 pounds waste /calendar year) improperly storing waste for longer than one year. 118280e V4047 W
[] Unlawful disposal of pharmaceutical waste to an unauthorized point. 118340 and 118222 V4048 W

ON-SITE MEDICAL WASTE TREATMENT FACILITY REQUIREMENTS:

- [] Operator has not obtained an onsite medical waste treatment permit from the County. 117950, 118130, 118155, and CCR 65620 V4049 W
[] Must maintain an updated and complete copy of the medical waste treatment permit onsite and available for review. CCR 65621(f), 65623, 118165, and 118180 V4050 W
[] Did not comply with a condition of the medical waste treatment permit issued by the County. CCR 65623 V4051 W

PHOTOCHEMICAL and HAZARDOUS WASTE MGMT. AND DISPOSAL:

- [] Illegal disposal of photoprocessing/ hazardous waste to the sewer, trash, etc. 25189.5 V4052 W
[] Generator has not maintained waste disposal records, e.g. manifests/milk-run receipts, onsite for 3 years. 66262.40 V4053 W
[] Generator has not obtained an EPA Identification Number from the State DTSC for hazardous waste generation, e.g. photoprocessing/hazardous waste. 66262.12 V4054 W
[] Generator did not properly label the container holding hazardous waste. 66262.34 V4055 W
[] Generator did not maintain the container holding hazardous waste tightly closed except when adding or removing waste. 66265.173 V4056 W
[] Generator did not submit a notification to the County prior to treating photochemical waste onsite (e.g. > 10 gallons/month; tiered permitting). 25201.5 V4057 W

SMALL QUANTITY GENERATOR REQUIREMENTS: (<200 pounds per month of waste)

- [] Medical Waste Management Plan has not been submitted to County HMMD (Annual Requirement) 68.1206 and 117935 V4025 W
[] Must maintain and show proof of "onsite" medical waste treatment records for 3 years. 118215 and 117943 V4026 W
[] Generator did not retain on file disposal receipts and/or tracking documents for waste shipped offsite for at least 2 years. 117945 V4027 W
[] Need to apply for and receive a limited-quantity hauling exemption for "self-hauled" medical waste (<20 pounds of waste per week). 118030 and 118025 V4028 W
[] Did not renew a limited-quantity hauling exemption annually. 118030 V4029 W
[] Storage time exceeded for full sharps container(s), e.g. greater than 7 days at room temperatures (for >20 pounds/month generator). 118285 V4030 W
[] Storage time exceeded for red bag waste, e.g. more than 7 days at room temperature (>20 pounds/month generator). 118280 V4031 W
[] Very small quantity generator (e.g., <20 pounds per month) improperly storing waste for greater than 30 days onsite at room temperature. 118280 V4032 W

ESTABLISHMENT REPRESENTATIVE

DATE SIGNED

2/24/00 SAFETY OFFICER TITLE

H 23318



COUNTY OF SAN DIEGO

Department of Environmental Health

COMPLAINT FORM

COMPLAINT No: **2000-00873**

PREV COMP: OLD COMP No:

DATE / TIME RECEIVED: **02/14/2000** **8:20 AM**

REC BY: **GESQUIEH**

REVIEWED BY: APPROVED: INFO ONLY:

REPORTING PARTY

NAME: **ANON - VIA PHONE ROOM (BECKY)** AGENCY: **CITIZEN**

ADDRESS: ZIP: **0** PHONE:

COMPLAINT INFORMATION ESTAB#: **H23318** INCIDENT DATE: INCIDENT TIME:

BUSINESS NAME: **STRATAGENE CLONING SYSTEMS** CENSUS TRACT: APN:

ADDRESS: **11011 TORREY PINES RD** STE: X-STREET: **NORTH TORREY PINES RD**

San Diego (Sorrento) ZIP: **92121** THOM BROS PAGE: **1207** COORD: **J5**

MISC INFORMATION:

SUBSTANCE:

NATURE OF COMPLAINT: **REPORTS TOXIC DUMPING AT STRATAGENE CLONING SYSTEMS AT 11011 NORTH TORREY PINES ROAD IN LA JOLLA. NO OTHER INFO GIVEN.**

DEH RESPONSE INFORMATION

DIVISION: **ICP** APPROVED BY: **DDEWEEH** APPROVED DATE: **07/26/2000** ASSIGNED TO: **EPAREDEH**

PRIORITY: TYPE: **H03** BUSINESS: **B** ACTIVITY: **K67** INVESTIGATED BY: **EPAREDEH** DATE INVESTIGATED: **02/25/2000** JUSTIFIED: CUST SERV SENT: RESOLVED:

REFER ONLY?: CONTACT: AGENCY: PHONE:

ACTION TAKEN: **- 2/25/00 PAREDES completed a complaint inspection with Barbara Pagarigan, the safety officer. At the time of the inspection, there was no evidence of toxic dumping nor any evidence of hazardous or medical wastes disposal into the trash or sewer system. Appropriate waste disposal documentation is maintained on site. - DEWEESE**

FOLLOW-UP: **NONE**



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 1 OF 2
 EST. NO. H23318
 DATE 02/13/02
 TIME START 10:00 am END 2:00 pm
 BUS. CODE K67
 SPECIALIST Gohres
 CONTACT Dan Mac Neil
 TITLE Safety Officer
 PHONE 535-5400

BUSINESS NAME Stratagene Cloning Systems

ADDRESS 11011 N. Torrey Pines Rd.

CITY/ZIP San Diego 92037

PRSD 3/26/02 MC File

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (H&S) Sections 25100 and 117600 et. al.; the San Diego County Code (SDCC) Sections 68.1201 et al.; and CCR Title 22 Sections 65600 et.al. and 66262.10 et.al. The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

Routine Inspection

MAR 07 2002

- Observation:** Facility is generating over 200 lbs. of biohazardous waste per month. Biohazardous waste is currently being treated onsite by steam sterilization. Generator has not obtained an onsite medical waste treatment permit from the CUPA.

Violation: H&S 117950, 118130, 118155, and CCR 65620

Corrective action: Within 5 days submit a completed onsite medical waste treatment permit application to this Department.
- Observation:** Generator has not kept records/log showing proof of medical waste treatment for the last three years.

Violation: H&S 118215, 117975

Corrective action: Immediately begin keeping tapes and/or charts of steam sterilization records on site available for review. These records are to be kept for at least the last three years.
- Observation:** A 55 gal. metal container storing an ignitable hazardous waste (methanol, acetonitrile) was not properly grounded to prevent an accidental explosion.

Violation: CCR 66265.31

Corrective action: Within 3 days properly ground the container to prevent an accidental explosion.
- Observation:** Sharps containers that are full have been stored at room temperature for longer than 7 days.

Violation: H&S 118285

Corrective action: Within 3 days properly and legally treat or dispose of the full sharps containers.
- Observation:** Hazardous waste labels on the waste container in the organic chemistry lab and the HPLC lab are not properly filled out.

Violation: CCR 66262.34

Corrective action: Within 24 hours fill in the hazardous properties section of the hazardous waste label on these two containers.

6. **Observation:** Containers storing hazardous waste are not tightly closed. The containers are a 55 gal. containers of methanol, acetonitrile and a 1 gal. container of 2 pyrolidnone.

Violation: CCR 66265.173

Corrective action: Immediately close these containers. Keep containers storing hazardous waste tightly closed except when adding or removing waste.

7. **Observation:** The majority of the red bags and sharps containers were properly labeled with the generator's name, address, and phone number. However, 5 were not labeled with the generator information.

Violation: SDCC 68.1205, 68.1206

Corrective action: Within 24 hours label the 5 containers with your generator label.

Remarks:

Health Permit for this facility is on site.

An updated Hazardous Materials Business Plan was submitted and reviewed on this day. The Medical Waste Management Plan is on site but needs to be updated due to the change of contact person information.

Monthly spore tests and results are on site. All results were negative.

Annual calibration records of the steam sterilizer thermometers are on site.

Medical solid waste is disposed of into a trash dumpster that is secured by a locked gate.

Hazardous waste manifest for the last three years are on site, in chronological order, and were reviewed on this day.

Biohazardous waste disposal tracking documents were on site and reviewed (1 biohazardous waste stream is picked up by KEM).

Employee training is currently being conducted on a monthly basis. Training documentation is on site and was reviewed on this day.


Signature of Business Representative

2/14/02
Date Signed

SAFETY OFFICER
Title



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 1 OF 1
 EST. NO. H 23318
 DATE 2-14-02
 TIME START _____ END _____
 BUS. CODE K67
 SPECIALIST Gohres
 CONTACT Dan MacNeil
 TITLE SAFETY OFFICER
 PHONE 535-5400

BUSINESS NAME Stratagene Cloning Systems
 ADDRESS 11011 N. Torrey Pines Rd.
 CITY/ZIP San Diego 92037

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (H&S) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

Office Use Only

ADDITIONAL REPORT

PER item #2 on Summary of Violations;

what is specifically REQUIRED is,
"PROOF" must be kept on site that shows
the medical waste was properly treated
in compliance with CALIFORNIA STATE LAW.
MEDICAL WASTE must be treated inside
the steam sterilizer for a minimum
time at a minimum temperature as
required by CA Health & Safety Code.

"PROOF" would be either RUN TAPES OR
Run charts that clearly show the length
of Run (time) and at what temperature.
These results can be recorded in a log
book. Minimum 250°F for 30 minutes.

Tapes and/or charts need to be kept on
site, available for review for a minimum
of 3 years.

Dan MacNeil
 Signature of Business Representative

2/14/02
 Date Signed

SAFETY OFFICER
 Title

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261; (619) 338-2222



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

File

PAGE 1 of 6
DATE 05/06/03
EST. NO. 123318
SPECIALIST GOHRES
BUS. CODE K67
TIME START 10:00 END 2:30
CONTACT: Dan Mac Neil
TITLE: Safety Officer
PHONE: 858-535-5400

BUSINESS NAME: Stratogene Cloning Systems
ADDRESS: 11011 N. Torrey Pines Road
CITY/ZIP: La Jolla, CA 92037

ON THE ABOVE DATE AN INSPECTION OF YOUR BUSINESS/FACILITY WAS CONDUCTED IN ORDER TO DETERMINE COMPLIANCE WITH THE CALIFORNIA HEALTH AND SAFETY CODE (H&S) CHAPTERS 6.5, 6.7, 6.95; TITLES 19, 22 AND 23 OF THE CALIFORNIA CODE OF REGULATIONS (CCR); AND THE SAN DIEGO COUNTY CODE (SDCC). THE FOLLOWING REMARKS ARE INTENDED TO PROVIDE GUIDANCE TO CORRECT THE VIOLATIONS NOTED ON THE ATTACHED VIOLATION REPORT.

HAZARDOUS WASTE VIOLATIONS NOTICE TO COMPLY

1.OBSERVATION: A 5-GAL. CONTAINER OF LIQUID HAZARDOUS WASTE STORED UNDER THE HOOD (#7) IN THE SHUT DOWN LABORATORY AND A 5-GAL. CONTAINER OF HAZARDOUS WASTE UNDER HOOD #9 WAS NOT PROPERLY LABELED WITH A HAZARDOUS WASTE LABEL. A 15-GAL. BLUE CONTAINER OF HAZARDOUS WASTE WAS MISSING THE CONTENTS ON THE HAZARDOUS WASTE LABEL.

VIOLATION: CCR TITLE 22, SECTION 66262.34

CORRECTIVE ACTION: WITHIN 24 HOURS ENSURE THAT ALL CONTAINERS STORING HAZARDOUS WASTE ARE PROPERLY LABELED. CHECK THE HAZARDOUS WASTE LABELS THAT ALL OF THE REQUIRED INFORMATION FOR "STORAGE" IS ENTERED ON THE LABEL.

2. OBSERVATION: A 55-GAL. CONTAINER OF SILVER NITRATE HAZARDOUS WASTE, A 55-GAL. CONTAINER OF ETHIDIUM BROMIDE HAZARDOUS WASTE, AND A CONTAINER OF PHENOL CHLOROFORM HAZARDOUS WASTE WERE NOT KEPT TIGHTLY CLOSED.

VIOLATION: CCR TITLE 22, SECTION 66265.173

CORRECTIVE ACTION: IMMEDIATELY REMOVE THE FUNNELS FROM THE HAZARDOUS WASTE CONTAINERS. TIGHTLY CLOSE THESE CONTAINERS WITH THE PROPER CAP/LID FOR THE CONTAINER. CONTAINERS ARE TO BE KEPT TIGHTLY CLOSED EXCEPT WHEN IT IS NECESSARY TO ADD OR REMOVE WASTE.

Signature of Business Representative

Date Signed

5-7-03

Title

Safety Manager



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 2 of 6

DATE 05/06/03

EST. NO. 123318

SPECIALIST GOHRES

BUS. CODE K67

TIME START 10:00 END 2:30

CONTACT: Dan Mac Neil

TITLE: Safety Officer

PHONE: 858-535-5400

BUSINESS NAME: Stratogene Cloning Systems

ADDRESS: 11011 N. Torrey Pines Road

CITY/ZIP: La Jolla, CA 92037

3. OBSERVATION: SATILLITE STORAGE CONTAINERS OF PHENOL CHLOROFORM (12/15/01), SODIUM AZIDE (8/28/01), WATER/ACETONITRILE (3/02/01), AND A CONTAINER OF UNKNOWN CONTENTS (12/01/01) HAVE BEEN STORED ON SITE LONGER THAN THE ALLOWABLE TIME.

VIOLATION: CCR TITLE 22, SECTION 66262.34

CORRECTIVE ACTION: THE MAXIMUM ACCUMULATION TIME FOR SATILLITE CONTAINERS IS ONE YEAR AFTER ACCUMULATION BEGINS OR THREE DAYS AFTER THE CONTAINER IS FULL. WITHIN 30 DAYS HAVE THESE WASTES PROPERLY REMOVED OFF SITE.

4. OBSERVATION: THE LAND DISPOSAL RESTRICTION (LDR) DOCUMENTATION WAS NOT AVAILABLE FOR REVIEW.

VIOLATION: CCR TITLE 22, SECTION 66268.7

CORRECTIVE ACTION: ALL HAZARDOUS WASTE MANIFESTS FOR THE DISPOSAL OF RCRA HAZARDOUS WASTES AND CERTAIN NON RCRA HAZARDOUS WASTES MUST HAVE A COMPLETED LDR NOTIFICATION DOCUMENT FILLED OUT. THE LDR NOTIFICATION FOLLOWS THE MANIFESTS TO THE TSDF. A GENERATOR COPY IS TO BE KEPT ON SITE AVAILABLE FOR REVIEW. WITHIN 30 DAYS CONTACT YOUR HAZARDOUS WASTE HAULER TO OBTAIN COPIES OF THE LDR'S FOR THE LAST THREE YEARS.

Signature of Business Representative

Date Signed

5-7-03

Title

Safety Manager



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 3 of 6

DATE 05/06/03

EST. NO. 123318

SPECIALIST GOHRES

BUS. CODE K67

TIME START 10:00 END 2:30

CONTACT: Dan Mac Neil

TITLE: Safety Officer

PHONE: 858-535-5400

BUSINESS NAME: Stratogene Cloning Systems

ADDRESS: 11011 N. Torrey Pines Road

CITY/ZIP: La Jolla, CA 92037

MEDICAL WASTE VIOLATIONS NOTICE TO COMPLY

1. OBSERVATION: OVERALL, THE SHARPS CONTAINERS IN USE ARE PROPERLY LABELED WITH THE GENERATOR'S INFORMATION. HOWEVER, THREE CONTAINERS WERE MISSING THE INFORMATION.

VIOLATION: SDCC 68.1206

CORRECTIVE ACTION: WITHIN 24 HOURS ENSURE THAT ALL SHARPS CONTAINERS AND RED BAGS THAT ARE IN USE ARE LABELED WITH THE NAME, ADDRESS, AND PHONE NUMBER OF THE FACILITY.

2. OBSERVATION: FULL SHARPS CONTAINERS HAVE BEEN STORED ON SITE LONGER THAN SEVEN DAYS.

VIOLATION: H&SC 118285

CORRECTIVE ACTION: WITHIN 24 HOURS TRANSFER THE FULL SHARPS CONTAINERS TO THE MEDICAL WASTE TREATMENT AREA. TREAT THE SHARPS CONTAINERS WITHIN THREE DAYS.

3. OBSERVATION: SEVERAL CONTAINERS STORING MEDICAL WASTE HAD BIOHAZARDOUS WASTE LABELS THAT WERE IN POOR CONDITION.

VIOLATION: H&SC 118280

CORRECTIVE ACTION: WITHIN 24 HRS. REMOVE AND REPLACE ALL OF THE BIOHAZARDOUS WASTE STICKERS THAT ARE TORN, FADED, WRINKLED, OR ARE NOT CLEARLY VISABLE.

Signature of Business Representative

Date Signed

5-7-03

Title

Safety Manager



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 4 of 6

DATE 05/06/03

EST. NO. 123318

SPECIALIST GOHRES

BUS. CODE K67

TIME START 10:00 END 2:30

CONTACT: Dan Mac Neil

TITLE: Safety Officer

PHONE: 858-535-5400

BUSINESS NAME: Stratogene Cloning Systems

ADDRESS: 11011 N. Torrey Pines Road

CITY/ZIP: La Jolla, CA 92037

4. OBSERVATION: THE MONTHLY SPORE TEST TO CONFIRM PROPER DISINFECTION WAS NOT CONDUCTED IN MARCH OR APRIL.

VIOLATION: H&SC 118215

CORRECTIVE ACTION: ENSURE THAT THIS PROCEDURE IS CONDUCTED AT LEAST ONCE PER MONTH. IF JERRY CAN NOT RUN THE TEST, ANOTHER TRAINED EMPLOYEE MUST RUN THE TEST.

5. OBSERVATION: RED BAGS TO BE USED FOR THE STORAGE OF BIOHAZARDOUS WASTE WERE BEING USED TO STORE ICE FOR THE PURPOSE OF CONDUCTING AN EXPERIMENT.

VIOLATION: H&SC 118275

CORRECTIVE ACTION: IMMEDIATELY DISCONTINUE THIS PRACTICE. ONLY USE RED BAGS FOR THEIR INTENDED PURPOSE.

6. OBSERVATION: THE DUMPSTER USED TO STORE MEDICAL SOLID WASTE WAS NOT SECURED TO PREVENT ACCESS TO UNAUTHORIZED PERSONS.

VIOLATION: SDCC 68.1211

CORRECTIVE ACTION: WITHIN 24 HRS. PROVIDE A LOCK ON THE DUMPSTER TO SECURE IT TO PREVENT ACCESS TO UNAUTHORIZED PERSONS. SUGGEST KEEPING THE DUMPSTER LOCKED EVEN AFTER THE GARAGE DOOR HAS BEEN REPAIRED.

Signature of Business Representative

Date Signed

5-7-03

Title



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 5 of 6

DATE 05/06/03

EST. NO. 123318

SPECIALIST GOHRES

BUS. CODE K67

TIME START 10:00 END 2:30

CONTACT: Dan Mac Neil

TITLE: Safety Officer

PHONE: 858-535-5400

BUSINESS NAME: Stratogene Cloning Systems

ADDRESS: 11011 N. Torrey Pines Road

CITY/ZIP: La Jolla, CA 92037

REMARKS

1. THE HAZARDOUS MATERIALS BUSINESS PLAN IS ON SITE AND WAS REVIEWED ON THIS DAY. AN UPDATED BUSINESS PLAN WAS ACCEPTED ON 2/13/02.
2. EMPLOYEE TRAINING RECORDS ARE ON SITE AND WERE REVIEWED ON THIS DAY.
3. HAZARDOUS WASTE MANIFESTS WERE REVIEWED ON THIS DAY.
4. HEALTH PERMIT IS ON SITE, EXPIRES 11/30/03.
5. EMERGENCY CONTACTS WERE VERIFIED ON THIS DAY. CHEMICAL INVENTORY WAS VERIFIED AND UPDATED ON THIS DAY.
6. AUTOCLAVE OPERATING INSTRUCTIONS ARE POSTED NEXT TO THE PERMITTED UNIT.
7. MONTHLY SPORE TESTS ARE BEING CONDUCTED. MARCH AND APRIL WAS MISSED.
9. GRAPHS AND LOGS (OPERATING RECORDS) FOR AT LEAST THE LAST TWO YEARS ARE ON SITE. SITE HAS BEEN OPERATING THE AUTOCLAVE FOR TWO YEARS.
10. TRACKING DOCUMENTS FOR THE DISPOSAL OF MEDICAL WASTE FOR THE LAST THREE YEARS ARE ON SITE.
11. AUTOCLAVE THERMOMETER CALIBRATION RECORDS ARE ON SITE.
12. MEDICAL WASTE MANAGEMENT PLAN IS ON SITE. SUBMIT UPDATES FOR THE CONTACT PERSON AND MONTHLY AMOUNT OF MEDICAL WASTE BEING GENERATED.
13. HEAT SENSITIVE TAPE IS BEING USED ON EACH LOAD OF MEDICAL WASTE THAT IS BEING TREATED.

Signature of Business Representative

Date Signed

5-7-03

Title

Safety Manager



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 6 of 6

DATE 05/06/03

EST. NO. 123318

SPECIALIST GOHRES

BUS. CODE K67

TIME START 10:00 END 2:30

CONTACT: Dan Mac Neil

TITLE: Safety Officer

PHONE: 858-535-5400

BUSINESS NAME: Stratogene Cloning Systems

ADDRESS: 11011 N. Torrey Pines Road

CITY/ZIP: La Jolla, CA 92037

14. THE CURRENT COPY OF THE MEDICAL WASTE TREATMENT PERMIT IS NOT AVAILABLE. THE HMD WILL RESEARCH THIS AND HAVE A DUPLICATE PERMIT ISSUED.

15. OUR RECORDS INDICATE THAT YOUR EPA ID # IS CAL913475948. THE PREFIX CAL IS FOR NON-RCRA WASTES ONLY. AN EPA ID # WITH THE PREFIX CAR SHOULD BE OBTAINED. YOU CAN CALL DTSC AT (800) 618-6942 TO CANCEL YOUR CURRENT NUMBER AND CALL US EPA AT (415) 495-8895 TO OBTAIN A NEW NUMBER.

16. THE SIGN ON THE DUMPSTER BEING USED TO STORE SOLID MEDICAL WASTE READS, BIOHAZARDOUS WASTE ONLY. STRONGLY SUGGEST ADDING THE WORD "TREATED" TO THE SIGN ON THE DUMPSTER.

Signature of Business Representative

Date Signed

5-7-03

Title

Safety Manager



COUNTY OF SAN DIEGO

MEDICAL WASTE REQUIREMENTS COMPLIANCE INSPECTION REPORT

PERMIT # 123318

DATE 5/6/03

PAGE 1 OF 1

BUSINESS ADDRESS: 11011 N. TORREY PINES RD.

ZIP: 92037

VIOLATION REPORT: The items checked below refer to specific section numbers of the California Health and Safety Code Sections 25100 and 117600 et. al.; the San Diego County Code of Regulatory Ordinances Sections 68.1201 et. al.; and the California Code of Regulations, Title 22 Sections 65600 et. al. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form to document your return to compliance. Your Specialist can provide these forms. Please call (619) 338-2222 or your Specialist if you have any questions.

STORAGE AND LABELING

Table with columns: Viol #, VIOL, VIOLATION DESCRIPTION. Includes violations V4201 through V4215 with checkboxes and handwritten numbers 5, 6, 1, 3 in the Viol # column.

SMALL QTY. GENERATOR REQUIREMENTS (<200 lbs/mo MW)

Table with columns: Viol #, VIOL, VIOLATION DESCRIPTION. Includes violations V4301 through V4310 with checkboxes.

LARGE QUANTITY GENERATOR REQUIREMENTS (> 200 pounds of waste generated per month)

Table with columns: Viol #, VIOL, VIOLATION DESCRIPTION. Includes violations V4351 through V4355 with checkboxes and handwritten number 2 in the Viol # column.

TREATMENT AND DISPOSAL

Table with columns: Viol #, VIOL, VIOLATION DESCRIPTION. Includes violations V4251 through V4260 with checkboxes and handwritten number 4 in the Viol # column.

PATHOLOGY, CHEMOTHERAPY, PHARMAC. & HAZ. WASTE

Table with columns: Viol #, VIOL, VIOLATION DESCRIPTION. Includes violations V4401 through V4441 with checkboxes.

ONSITE MW TREATMENT FACILITY REQUIREMENTS

Table with columns: Viol #, VIOL, VIOLATION DESCRIPTION. Includes violations V4501 through V4503 with checkboxes.

Signature of Business Representative: [Handwritten Signature]

DATE SIGNED: 5-7-03

TITLE OF BUSINESS REPRESENTATIVE: Safety Manager



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PERMIT # 123318
DATE 5/6/03
PAGE 1 OF 1

BUSINESS ADDRESS: 11011 N. TORREY PINES Rd.

ZIP: 92037

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19 & 22 of the California Code of Regulations (CCR), Chapters 6.5, 6.95 of the Health and Safety Code (HSC), and/or the San Diego County Code (SDCC).

All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form to document your return to compliance. Your Specialist can provide these forms. Please call (619) 338-2222 or your Specialist if you have any questions.

HAZARDOUS WASTE REQUIREMENTS

TRAINING, CONTINGENCY PLAN & ER PROCEDURES

RECORDKEEPING

Table with columns: Viol #, VIOL, VIOLATION DESCRIPTION. Includes violations V0131 through V0145.

Table with columns: Viol #, VIOL, VIOLATION DESCRIPTION. Includes violations V0401 through V0406.

HAZARDOUS WASTE TANK SYSTEMS

Table with columns: Viol #, VIOL, VIOLATION DESCRIPTION. Includes violations V1601 through V1611.

STORAGE AND HANDLING

Table with columns: Viol #, VIOL, VIOLATION DESCRIPTION. Includes violations V0201 through V0216.

HAZARDOUS MATERIALS REQUIREMENTS

BUSINESS PLAN REQUIREMENTS

Table with columns: Viol #, VIOL, VIOLATION DESCRIPTION. Includes violations V1001 through V2553.

DISPOSAL AND TRANSPORTATION

Table with columns: Viol #, VIOL, VIOLATION DESCRIPTION. Includes violations V0301 through V0304.

Signature of Business Representative: Dan [Name]

DATE SIGNED: 5-7-03

Signature of Business Representative: Safety Manager



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 1 of 3

DATE 01/25/05

EST. NO. 123318

SPECIALIST GÖHRES

BUS. CODE K67

TIME START 10:00 END 2:30

CONTACT: Dan Mac Neil

TITLE: Safety Officer

PHONE: 858-535-5400

proof 2/28/05 SA full

BUSINESS NAME: Stratogene Cloning Systems

ADDRESS: 11011 N. Torrey Pines Road

CITY/ZIP: La Jolla, CA 92037

ON THE ABOVE DATE AN INSPECTION OF YOUR BUSINESS/FACILITY WAS CONDUCTED IN ORDER TO DETERMINE COMPLIANCE WITH THE CALIFORNIA HEALTH AND SAFETY CODE (H&S) CHAPTERS 6.5, 6.7, 6.95; TITLES 19, 22 AND 23 OF THE CALIFORNIA CODE OF REGULATIONS (CCR); AND THE SAN DIEGO COUNTY CODE (SDCC). THE FOLLOWING REMARKS ARE INTENDED TO PROVIDE GUIDANCE TO CORRECT THE VIOLATIONS NOTED ON THE ATTACHED VIOLATION REPORT.

HAZARDOUS WASTE MINOR VIOLATIONS NOTICE TO COMPLY

FEB 25 2005

1.OBSERVATION: A 1-GAL. CONTAINER OF PUMP OIL AND A 1-GAL. CONTAINER OF HPLC LIQUID HAZARDOUS WASTE INSIDE THE O-CHEM LABORATORY ARE NOT PROPERLY LABELED WITH A HAZARDOUS WASTE LABEL.

VIOLATION: CCR TITLE 22, SECTION 66262.34

CORRECTIVE ACTION: WITHIN 30 DAYS ENSURE THAT ALL CONTAINERS STORING HAZARDOUS WASTE ARE PROPERLY LABELED. THE HAZARDOUS WASTE LABELS ARE TO BE IN GOOD CONDITION AND CLEARLY LEGIBLE.

2. OBSERVATION: A 1-GAL. CONTAINER OF PUMP OIL WAS NOT KEPT TIGHTLY CLOSED.

VIOLATION: CCR TITLE 22, SECTION 66265.173

CORRECTIVE ACTION: IMMEDIATELY REMOVE THE FUNNEL AND CLOSE THE PUMP OIL CONTAINER. CONTAINERS ARE TO BE KEPT TIGHTLY CLOSED EXCEPT WHEN IT IS NECESSARY TO ADD OR REMOVE WASTE.

Signature of Business Representative

Jan. 31, 2005
Date Signed

*SAFETY
MANAGER*
Title



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 2 of 3

DATE 01/25/05

EST. NO. 123318

SPECIALIST GOHRES

BUS. CODE K67

TIME START 10:00 END 2:30

CONTACT: Dan Mac Neil

TITLE: Safety Officer

PHONE: 858-535-5400

BUSINESS NAME: Stratogene Cloning Systems

ADDRESS: 11011 N. Torrey Pines Road

CITY/ZIP: La Jolla, CA 92037

MEDICAL WASTE VIOLATIONS NOTICE TO COMPLY

1. OBSERVATION: THE MONTHLY SPORE TEST TO CONFIRM PROPER DISINFECTION WAS NOT CONDUCTED IN DECEMBER 2004.

VIOLATION: H&SC 118215

CORRECTIVE ACTION: ENSURE THAT THIS PROCEDURE IS CONDUCTED AT LEAST ONCE PER MONTH. IF JERRY CAN NOT RUN THE TEST, ANOTHER TRAINED EMPLOYEE MUST RUN THE TEST.

2. OBSERVATION: SEVERAL CONTAINERS STORING MEDICAL WASTE WERE MISSING THE WORDS "BIOHAZARDOUS WASTE" OR THE INTERNATIONAL SYMBOL AND THE WORD "BIOHAZARD" ON THE SIDES AND LIDS OF THE CONTAINER.

VIOLATION: H&SC 118280

CORRECTIVE ACTION: WITHIN 30 DAYS REMOVE AND REPLACE ALL OF THE BIOHAZARDOUS WASTE STICKERS THAT ARE TORN, FADED, WRINKLED, OR ARE NOT CLEARLY VISABLE. LABEL CONTAINERS THAT ARE MISSING LABELS.

3. OBSERVATION: A RED BAG WAS ON A SHELF INSIDE THE CENTRIFUGE ROOM AND WAS NOT STORED INSIDE A RIGID CONTAINER.

VIOLATION: H&SC 118280

CORRECTIVE ACTION: IMMEDIATELY TRANSFER THIS RED BAG INTO A RIGID CONTAINER OR TO THE MEDICAL WASTE TREATMENT AREA.

Signature of Business Representative

Date Signed

Title



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 3 of 3

DATE 01/25/05

EST. NO. 123318

SPECIALIST GOHRES

BUS. CODE K67

TIME START 10:00 END 2:30

CONTACT: Dan Mac Neil

TITLE: Safety Officer

PHONE: 858-535-5400

BUSINESS NAME: Stratogene Cloning Systems

ADDRESS: 11011 N. Torrey Pines Road

CITY/ZIP: La Jolla, CA 92037

REMARKS

1. THE HAZARDOUS MATERIALS BUSINESS PLAN IS ON SITE AND WAS REVIEWED ON THIS DAY.
2. EMPLOYEE TRAINING RECORDS ARE ON SITE AND WERE REVIEWED ON THIS DAY.
3. HAZARDOUS WASTE MANIFESTS WERE REVIEWED ON THIS DAY.
4. UNIFIED PROGRAM FACILITY PERMIT IS ON SITE, EXPIRES 11/30/05.
5. EMERGENCY CONTACTS WERE VERIFIED ON THIS DAY. CHEMICAL INVENTORY WAS VERIFIED ON THIS DAY.
6. AUTOCLAVE OPERATING INSTRUCTIONS ARE POSTED NEXT TO THE PERMITTED UNIT.
7. MONTHLY SPORE TESTS ARE BEING CONDUCTED. DECEMBER WAS MISSED.
9. GRAPHS AND LOGS (OPERATING RECORDS) FOR AT LEAST THE LAST TWO YEARS ARE ON SITE. SITE HAS BEEN OPERATING THE AUTOCLAVE FOR TWO YEARS.
10. AUTOCLAVE THERMOMETER CALIBRATION RECORDS ARE ON SITE.
11. MEDICAL WASTE MANAGEMENT PLAN IS ON SITE.
12. HEAT SENSITIVE TAPE IS BEING USED ON EACH LOAD OF MEDICAL WASTE THAT IS BEING TREATED.
13. THE MEDICAL WASTE TREATMENT PERMIT IS ON SITE.

Signature of Business Representative

Date Signed

Title



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 1 OF 1 DATE 1/25/05
 PERMIT # 123318
 TIME START 1000 END 200
 BUS. CODE K67
 SPECIALIST GOWRES
 INSPECTION CONTACT/TITLE Dan MacNeil / SAFETY
 PHONE: (858) 535-5400
 PERIOD 2/29/05 - 2/29/05

BUSINESS NAME STRATAGENE Cloning Systems
 ADDRESS 11011 N. Torrey PINES RD.
 CITY/ZIP San Diego 92037

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (HSC) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

- | | | | | | |
|---|--------------------------|---|--------------------------|--------------------------|-------------------------------------|
| Y | N/A | | Y | N/A | |
| <input type="checkbox"/> | <input type="checkbox"/> | Unified Program Facility Permit current and available | <input type="checkbox"/> | <input type="checkbox"/> | Permit Expires on: 1 / 1 |
| <input type="checkbox"/> | <input type="checkbox"/> | Hazardous Materials Business Plan available | <input type="checkbox"/> | <input type="checkbox"/> | Contingency Plan available |
| <input type="checkbox"/> | <input type="checkbox"/> | Employee Training is adequate | <input type="checkbox"/> | <input type="checkbox"/> | Employee Training records available |
| <input type="checkbox"/> | <input type="checkbox"/> | Waste disposal records available for review | <input type="checkbox"/> | <input type="checkbox"/> | Waste containers kept closed |
| <input type="checkbox"/> | <input type="checkbox"/> | Emergency contacts current <input type="checkbox"/> Updated today | <input type="checkbox"/> | <input type="checkbox"/> | Waste containers kept labeled |
| <input type="checkbox"/> | <input type="checkbox"/> | Chemical inventory current <input type="checkbox"/> Updated today | <input type="checkbox"/> | <input type="checkbox"/> | Waste containers in good condition |
| <input type="checkbox"/> All violations noted on this compliance inspection report were corrected during this inspection. | | | | | |

Summary of violations - MINOR

1. CONTAINER OF pump oil & HPLC solvent waste ARE NOT properly labeled.
2. Container OF pump oil WAS NOT tightly closed.
3. Monthly spore test for December NOT conducted.
4. RED BAG OF waste NOT stored inside a rigid container.
5. BioHAZARD stickers NOT ON ALL lids OF rigid containers.
6. MANIFEST # 23605448 TSDf signed copy NOT available for review. Found off

This is an annual certification that the Hazardous Materials Business Plan (inventory, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored.

Initials of Business Representative

[Signature] 01/25/05 SAFETY MANAGER
 Signature of Business Representative Date Signed Title of Business Representative

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261; (619) 338-2222; sdcdch.org



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PERMIT # 123318

DATE 1/25/05

PAGE 4 OF 5

BUSINESS ADDRESS: 11011 N. Torrey Pines Rd. ZIP: 92037

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19 & 22 of the California Code of Regulations (CCR), Chapters 6.5, 6.95 of the Health and Safety Code (HSC), and/or the San Diego County Code (SDCC).

All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form to document your return to compliance. Your Specialist can provide these forms. Please call (619) 338-2222 or your Specialist if you have any questions.

HAZARDOUS WASTE REQUIREMENTS

RECORDKEEPING

Viol #	VIOL	VIOLATION DESCRIPTION
	<input type="checkbox"/>	V0131 UPF Permit not obtained SDCC. 68.905
	<input type="checkbox"/>	V0132 No EPA Identification Number. 66262.12
	<input type="checkbox"/>	V0133 Manifest copy not sent to DTSC. 66262.23
	<input type="checkbox"/>	V0134 Exception Rpt. not filed with DTSC. 66262.42
	<input type="checkbox"/>	V0135 Waste Manifests/Receipts not on-site for 3 years. 66262.40
	<input type="checkbox"/>	V0136 No records of battery disposal. 66262.81
	<input type="checkbox"/>	V0137 Manifest not properly completed. 66262.23
	<input type="checkbox"/>	V0138 TSDf signed-manifest not on-site. 66262.40
	<input type="checkbox"/>	V0139 Biennial report not sent to DTSC. 66262.41
	<input type="checkbox"/>	V0140 LDR Documentation not available. 66268.7
	<input type="checkbox"/>	V0141 Operating TSDf without authorization. 25201
	<input type="checkbox"/>	V0142 Failed to notify local CUPA of onsite treatment of hazardous waste. 25201
	<input type="checkbox"/>	V0143 Tiered Permitting notification has incomplete or incorrect information. 25201
	<input type="checkbox"/>	V0144 SB14 compliance doc. not available. 25244.19
	<input type="checkbox"/>	V0145 Excluded recyclable materials report not submitted to HMD. 25143.10

STORAGE AND HANDLING

<u>2</u>	<input checked="" type="checkbox"/>	V0201 Waste container not kept closed. 66265.173
<u>1</u>	<input checked="" type="checkbox"/>	V0202 Waste container missing/improperly labeled. 66262.34, 25143.9
	<input type="checkbox"/>	V0203 Damaged container not repackaged. 66265.171
	<input type="checkbox"/>	V0204 Waste container not properly managed. 66265.173
	<input type="checkbox"/>	V0205 Waste container in poor condition. 66265.171
	<input type="checkbox"/>	V0206 Ignitable Waste < 50 feet of property line. 66265.176
	<input type="checkbox"/>	V0207 Facility not maintained/operated to minimize possibility of fire, explosion or release. 66265.31
	<input type="checkbox"/>	V0208 Storage area not inspected weekly. 66265.174
	<input type="checkbox"/>	V0209 Waste stored > 90, 180, or 270 days. 66262.34
	<input type="checkbox"/>	V0210 Hazwaste not cleaned up off floor surface. 66262.10b
	<input type="checkbox"/>	V0211 Incompatibles in the same container. 66265.177
	<input type="checkbox"/>	V0212 Incompatibles not stored separately. 66265.177
	<input type="checkbox"/>	V0213 Container incompatible with waste. 66265.172
	<input type="checkbox"/>	V0214 Waste oil contaminated. 25250.7
	<input type="checkbox"/>	V0215 Used oil filters improperly managed. 66266.130
	<input type="checkbox"/>	V0216 Hazardous materials not properly labeled. 25124

DISPOSAL AND TRANSPORTATION

	<input type="checkbox"/>	V0301 Unauth. disposal of waste to: _____ 25189.5
	<input type="checkbox"/>	V0302 Unlawful transportation of hazardous waste. 25163
	<input type="checkbox"/>	V0303 Waste transported without a manifest. 66262.20
	<input type="checkbox"/>	V0304 Waste determination not made. 66262.11

TRAINING, CONTINGENCY PLAN & ER PROCEDURES

Viol #	VIOL	VIOLATION DESCRIPTION
	<input type="checkbox"/>	V0401 Training records unavailable. 66265.16
	<input type="checkbox"/>	V0402 Training program not adequate. 66265.16
	<input type="checkbox"/>	V0403 Facility not designed to minimize release. 66265.31
	<input type="checkbox"/>	V0404 Spill control equip not available. 66265.32
	<input type="checkbox"/>	V0405 Aisle space is obstructed. 66265.35
	<input type="checkbox"/>	V0406 Contingency plan not prepared and/or on file. 66265.51, 66265.53

HAZARDOUS WASTE TANK SYSTEMS

	<input type="checkbox"/>	V1601 Hazwaste tanks w/o P.E. assessment. 66265.191a, 66265.192a
	<input type="checkbox"/>	V1602 P.E. Assessment report not complete. 66265.191g, 66265.192k
	<input type="checkbox"/>	V1603 Hazwaste tank system: no secondary containment. 66265.193a
	<input type="checkbox"/>	V1604 Secondary containment not kept empty. 66265.196(b)(c), 66265.194(c)
	<input type="checkbox"/>	V1605 No daily tank inspection/inspect. log 66265.195 (b&c)
	<input type="checkbox"/>	V1606 Improper or absent spill/overflow protection. 66265.194b
	<input type="checkbox"/>	V1607 Improper corrosion protection. 66265.191, 66265.192
	<input type="checkbox"/>	V1608 Integrity assessment not done for tanks without secondary containment system. 66265.191
	<input type="checkbox"/>	V1609 Improper use of hazwaste tank system. 66265.196
	<input type="checkbox"/>	V1610 No PE assessment report-repairs/changes. 66265.196g
	<input type="checkbox"/>	V1611 Improper closure of haz waste tank unit. 67383.3, 66265.197

HAZARDOUS MATERIALS REQUIREMENTS

BUSINESS PLAN REQUIREMENTS

	<input type="checkbox"/>	V1001 UPF permit not obtained for Haz. Materials. 68.905
	<input type="checkbox"/>	V1002 Hazardous Materials Business Plan (HMBP) not established/implemented. 25503.5
	<input type="checkbox"/>	V1003 HMBP not amended to reflect changes. 25505
	<input type="checkbox"/>	V1004 HMBP not submitted to HMD. 25505
	<input type="checkbox"/>	V1005 Emergency contacts not provided/current. 25509
	<input type="checkbox"/>	V1006 Inventory is incomplete. 25504
	<input type="checkbox"/>	V1007 Highly toxic gas (TLV≤10 ppm) not disclosed in chemical inventory. 68.1113
	<input type="checkbox"/>	V1008 Annual carcinogen & reproductive toxin list not submitted to HMD. 68.1113
	<input type="checkbox"/>	V1009 Site map is not sufficient. 25509
	<input type="checkbox"/>	V1010 Failure to report a release/threatened release. 25507
	<input type="checkbox"/>	V1011 Personnel training records not available. 19 CCR 2732
	<input type="checkbox"/>	V1012 SPCC plan required but not prepared. 25270.5 (c)
	<input type="checkbox"/>	V2504 Owner or operator (O/O) Stationary Source (SS) with >TPQ of a regulated substance (RS) did not comply with Chapter 4.5 (CalARP process). 2745.1
	<input type="checkbox"/>	V2553 O/O of a new or modified SS with >TPQ of RS did Not submit RMP. 2735.4, 25535 (d)

[Signature]
SIGNATURE OF BUSINESS REPRESENTATIVE

01/31/05
DATE SIGNED

SAFETY MANAGER
TITLE OF BUSINESS REPRESENTATIVE



COUNTY OF SAN DIEGO

MEDICAL WASTE REQUIREMENTS COMPLIANCE INSPECTION REPORT

PERMIT # 123318
 DATE 1/25/05
 PAGE 5 OF 5

BUSINESS ADDRESS: 11011 N. TOTTEY PINES RD. ZIP: 92037
 VIOLATION REPORT: *The items checked below refer to specific section numbers of the California Health and Safety Code Sections 25100 and 117600 et. al.; the San Diego County Code of Regulatory Ordinances Sections 68.1201 et. al.; and the California Code of Regulations, Title 22 Sections 65600 et. al.*
 All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form to document your return to compliance. Your Specialist can provide these forms. Please call (619) 338-2222 or your Specialist if you have any questions.

STORAGE AND LABELING

TRANSPORTATION REQUIREMENTS

Viol #	VIOL	VIOLATION DESCRIPTION
	<input type="checkbox"/>	V4201 UPF Permit not obtained. 117705, 68.905
	<input type="checkbox"/>	V4202 Medical Waste (MW) not separated from other waste at point of origin. 118275
	<input type="checkbox"/>	V4203 Enclosure or designated accumulation area for MW containers not secured. 118310
	<input type="checkbox"/>	V4204 MW storage area not posted with an approved and legible biohazardous waste "warning sign" in English and Spanish. 118310
	<input type="checkbox"/>	V4205 Medical SOLID WASTE not secured to deny access to unauthorized persons. 68.1211
	<input type="checkbox"/>	V4206 Spill of MW not properly cleaned up. 118300
	<input type="checkbox"/>	V4207 Sharps not stored in approved and properly marked sharps container. 118275
	<input type="checkbox"/>	V4208 Full sharps container not taped closed or tightly-lidded to preclude loss of contents. 118285
	<input type="checkbox"/>	V4209 Red bags/sharps container not labeled with generator's name, address, and phone number. 68.1205, 68.1206
	<input type="checkbox"/>	V4210 MW not stored in approved and properly marked red bags. 118275
	<input type="checkbox"/>	V4211 Red bags not tied off to prevent leakage/expulsion of contents during handling and storage. 118280
3	<input checked="" type="checkbox"/>	V4212 Red bags not containerized in rigid, leak resistant, and covered containers or bins. 118280
2	<input checked="" type="checkbox"/>	V4213 Waste container/bin not labeled on the lid and side so as to be clearly visible. 118280
	<input type="checkbox"/>	V4214 Reusable containers/bins for MW storage not kept clean/sanitary. 118295, 118305
	<input type="checkbox"/>	V4215 Frozen (0C/32 F) MW stored >90 days. 118280
	<input type="checkbox"/>	V4306 Full sharps container stored >7 days at room temp 118285
	<input type="checkbox"/>	V4307 Red bag waste stored >7 days at room temperature (for generators of >20lbs/month). 118280
	<input type="checkbox"/>	V4308 Red bag waste stored >30 days at room temperature (for generators of <20 lbs/month). 118280

Viol #	VIOL	VIOLATION DESCRIPTION
	<input type="checkbox"/>	V4260 Transportation of MW without State Hauler Registration or a (LQHE) from HMD. 118025
	<input type="checkbox"/>	V4304 No LQHE for "self-hauled" MW (<20 pounds of waste/wk). 118030, 118025
	<input type="checkbox"/>	V4305 LQHE not renewed annually as required. 118030
	<input type="checkbox"/>	V4311 Medical Waste tracking documents not in vehicle transporting MW 118040
	<input type="checkbox"/>	V4312 MW tracking documents/logs not maintained for 3years for LQHE. 118040

SMALL QTY. GENERATORS ONLY (<200 lbs/mo) MW)

Viol #	VIOL	VIOLATION DESCRIPTION
	<input type="checkbox"/>	V4301 Medical Waste Mgmt. Plan (MWMP) not submitted to HMD (initial/updates if onsite treatment). 117935
	<input type="checkbox"/>	V4302 Did not maintain and show proof of "onsite" medical waste treatment records for 3 years. 118215, 117943
	<input type="checkbox"/>	V4303 Did not retain on file disposal receipts/tracking documents for waste shipped offsite for 2 yrs. 117945
	<input type="checkbox"/>	V4309 MWMP or equivalent information not onsite. 117945

REQUIREMENTS FOR LARGE QUANTITY GENERATORS ONLY (> 200 pounds of waste generated per month)

	<input type="checkbox"/>	V4351 MWMP not submitted to HMD (initial/updates). 117950, 117960, 117970
	<input type="checkbox"/>	V4352 Records of MW treatment not available for 3 years. 118215, 117975
	<input type="checkbox"/>	V4353 Did not retain on file disposal receipts/tracking documents for at least 3 yrs. for waste shipped offsite. 117975

PATHOLOGY, CHEMOTHERAPY, PHARMAC. & HAZ. WASTE

	<input type="checkbox"/>	V4401 Chemo waste not segregated from other MW. 118275
	<input type="checkbox"/>	V4402 Chemo waste container not properly labeled. 118275
	<input type="checkbox"/>	V4403 Illegal disposal of chemo waste. 118340
	<input type="checkbox"/>	V4411 Pathology waste not segregated from other MW. 118275
	<input type="checkbox"/>	V4412 Pathology waste container not properly labeled. 118275
	<input type="checkbox"/>	V4413 Illegal disposal of pathology waste. 118340
	<input type="checkbox"/>	V4421 Pharmwaste not segregated from other MW. 118275g
	<input type="checkbox"/>	V4422 Pharmwaste not properly labeled. 118275(g)
	<input type="checkbox"/>	V4423 Pharmwaste stored >90 days. (≥ 10 lbs/yr) 118280(c)
	<input type="checkbox"/>	V4431 VSOG of pharmwaste (<10 lb/yr) stored >1yr. 118280(c)
	<input type="checkbox"/>	V4432 Illegal disposal of pharmaceutical waste. 118340, 118222
	<input type="checkbox"/>	V4441 Illegal disposal of photo/hazwaste to sewer/trash. 25189.5

ONSITE MW TREATMENT FACILITY REQUIREMENTS

	<input type="checkbox"/>	V4501 Onsite MW treatment permit not obtained/renewed. 117950, 118130, 118155, 65620/65623.
	<input type="checkbox"/>	V4502 Current copy of the MW treatment permit not available. 65621(f), 65623, 118165, 118180
	<input type="checkbox"/>	V4503 Condition(s) of the MW treatmt. permit violated. 65623

TREATMENT AND DISPOSAL

	<input type="checkbox"/>	V4251 MW treated by unapproved method/procedure. 118215
	<input type="checkbox"/>	V4252 Standardized written operating procedures for steam sterilization not available. 118215
	<input type="checkbox"/>	V4253 Recording thermometer not calibrated annually. 118215
	<input type="checkbox"/>	V4254 No records of thermometer calibration checks onsite for at least the past 3 years. 118215
	<input type="checkbox"/>	V4255 Heat-sensitive tape/other approved method not used for each load treated onsite. 118215
1	<input checked="" type="checkbox"/>	V4256 Monthly biological indicator or other approved method not used to confirm proper disinfection. 118215
	<input type="checkbox"/>	V4257 Onsite Steam Sterilization did not reach 121°C/250 °F for 30 minutes. 118215
	<input type="checkbox"/>	V4258 Treatment records/logs of dates, time and temperature not available for 3 yrs. 118215
	<input type="checkbox"/>	V4259 Disposal of untreated MW to an unauthorized point. 118340

SIGNATURE OF BUSINESS REPRESENTATIVE

01/31/05
 DATE SIGNED

SAFETY MANAGER
 TITLE OF BUSINESS REPRESENTATIVE

123318

DATE: 5-Jul-06

MEDICAL WASTE MANAGEMENT PLAN

Business Name: Stratagene Corporation Type of Business/Practice: Biotechnology Products
 Site Address: 11011 N. Torrey Pines Road, La Jolla Zip: 92037 Phone: (858)373-6300x
 Contact Person: Daniel Mac Neil Title: Safety Manager
 24-Hour Emergency Phone: (760)822-5706x

GENERATION AND STORAGE OF BIOHAZARDOUS WASTE:

Describe below the type and quantity of biohazardous waste generated and managed at this facility. **SEE SAMPLE PLAN AND ATTACHMENT FOR DEFINITION OF TERMS USED IN THIS PLAN**

MEDICAL WASTE TYPE	QUANTITY (lbs/month)	STORAGE (container type)	TREATMENT METHOD	ON-SITE	OFF-SITE	HAULER NAME*
BIOHAZARDOUS WASTE Sharp Waste Needles/syringes/slides	2	SHARPS Container	Autoclaving	Yes	No	Waste Management
Non-sharp Waste Articles containing Fluid Blood (gauze, bandages, tubing, etc.)	30	Red Biohazard Bags	Autoclaving	Yes	No	Waste Management
Solids (cultures, lab waste, etc.)	110	Red Biohazard Bags	Autoclaving	Yes	No	Waste Management
Liquids (urine, etc.)	10	Glass I asks	Sewer	Yes		Waste Management N/A
Trace chemotherapy waste	-----	-----	-----			N/A
Contaminated animal carcasses	-----	-----	-----			N/A
Other	-----	-----	-----			N/A
MEDICAL SOLID WASTE Gloves, empty specimen containers, gauze with dry blood, treated biohazardous waste	N/A	Red Biohazard Bags	N/A	N/A	N/A	Waste Management

* If applicable, attach a copy of biohazardous waste hauler contract or Limited Quantity Hauler exemption.

Biohazardous WASTE STORAGE LOCATION: [Please check the appropriate box(es)].

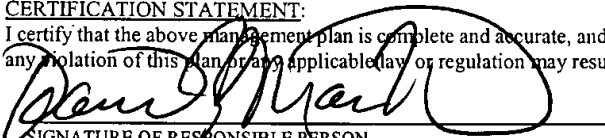
Biohazardous Waste:-- Inside establishment in secured area Outside in posted, secure area
 Medical Solid Waste: Inside establishment Outside in Locked/secured dumpster

PERSONNEL TRAINING:

All personnel handling biohazardous waste have been trained in all aspects of this management plan. Training includes the legal definition of biohazardous waste, separation and proper storage, transportation, treatment, and disposal of biohazardous waste. Documentation for completed employee training will be kept onsite.

CERTIFICATION STATEMENT:

I certify that the above management plan is complete and accurate, and that this business will adhere to all aspects of the plan. I further understand that any violation of this plan or any applicable law or regulation may result in legal action.



 SIGNATURE OF RESPONSIBLE PERSON

Safety Manager
 TITLE

Daniel Mac Neil
 NAME OF RESPONSIBLE PERSON (please print or type)

6-Jul-06
 DATE

DISTRIBUTION: WHITE - RETURN TO HMD
 YELLOW - BUSINESS RETAINS

123318



County of San Diego

GARY W. ERBECK
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(619) 338-2222 FAX (619) 338-2088
1-800-253-9933
www.sdcdeh.org

DAN DE LAURENTIS
ASSISTANT DIRECTOR

October 2, 2006

Dan MacNeil
Safety Manager
Stratagene Corporation
11011 N. Torrey Pines Road
La Jolla, CA 92037

Dear Mr. MacNeil:

RE: ONSITE MEDICAL WASTE TREATMENT PERMIT

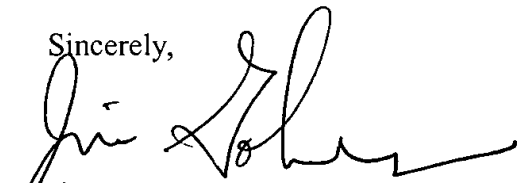
On August 7, 2006 the County of San Diego Hazardous Materials Division (HMD) received your request to add a new autoclave to your onsite medical waste treatment permit. The change is reflected in the list of equipment listed below.

The amended permit will have the same expiration date of the original permit. **This permit will expire on August 14, 2007.** If the treatment of medical waste is to continue after this period, a renewal permit application must be submitted to the HMD. If this activity is to cease whereby the closure plan must be implemented, the HMD must be notified at least 30 days prior to initiation of closure activities.

The On Site Medical Waste Treatment Permit now lists the following equipment: the original AMSCO autoclave and the new AMSCO Eagle Series, model 2043 autoclave.

If you have any questions pertaining to the onsite medical waste treatment permit, please call me at (858) 694-2750.

Sincerely,



Jim Gohres, EHS III
Hazardous Materials Division



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

ENTERED AUG 21 2006 *en*

PAGE 1 of 2 DATE 7/31/2006
 PERMIT # 123318
 TIME START 10:00 A END 2:30 P
 BUS. CODE K67
 SPECIALIST Gohres
 INSPECTION CONTACT/TITLE
Dan Mac Neil/Safety Officer
 PHONE 858-535-5400

BUSINESS NAME Stratagene Corporation

ADDRESS 11011 N. Torrey Pines Road

CITY/ZIP San Diego, CA 92037

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (H&S) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

- | | | | | | |
|---|--------------------------|--|-------------------------------------|--------------------------|---------------------------------------|
| Y | NO | | Y | NO | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Unified Program Facility Permit current and available | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Permit Expires on: <u>11/30/2006.</u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Employee Training is adequate | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Employee Training records available |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste disposal records available for review | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers kept closed |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Emergency contacts current <input type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers kept labeled |
| <input type="checkbox"/> | <input type="checkbox"/> | Chemical inventory current <input checked="" type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers in good condition |
| <input type="checkbox"/> All violations noted on this compliance inspection report were corrected during this inspection. | | | | | |

A routine compliance inspection was conducted on July 18, 2006 with Mr. John Sullivan, Facilities Manager and on July 31, 2006 with Mr. Dan Mac Neil, Safety Officer. Mr. Mac Neil granted permission to conduct the inspection. Stratagene Corporation is biotechnology company that develops products and technologies for life science research. The inspection covered the following CUPA program elements; hazardous waste generator, the hazardous materials business plan requirements, and medical waste. Stratagene Corporation is a small quantity generator (SQG) of hazardous waste and a larger quantity generator (LQG) of medical waste. The following observations were made during the inspection:

Minor Hazardous Waste Violation

Notice to Comply

RECEIVED AUG 16 2006

- Observation:** A 5-gallon container of waste pyrrolidione in the Microarray Q.C. laboratory was not properly labeled. The label was too faded to be legible.

Corrective action: Within 30 days replace the label with a new label. Ensure that all containers of hazardous waste are labeled with a hazardous waste label. The labels are to be in good condition and clearly legible.

Remarks

- Hazardous waste manifests for the last three years are on site and were reviewed on this day.
- The hazardous waste storage areas are being inspected at least once per week. Containers are properly labeled, closed and in good condition.
- The CUPA facility permit is on site.
- Employee training is being conducted on a continual basis. Records are on-site.

[Handwritten Signature] _____ 7/31/06 _____ SAFETY MANAGER
 Signature of Business Representative Date Signed Title

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261; (619) 338-2222; sdcdeh.org



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

BUSINESS NAME Stratagene Corporation

ADDRESS 11011 N. Torrey Pines Road

CITY/ZIP San Diego, CA 92037

PAGE 2 of 2 DATE 7/31/2006
PERMIT # 123318
TIME START 10:00 A END 2:30 P
BUS. CODE K67
SPECIALIST Gohres
INSPECTION CONTACT/TITLE
Dan Mac Neil/Safety Officer
PHONE 858-535-5400

Hazardous Materials Business Plan Violation
Notice to Comply

- 1. **Observation:** The hazardous Materials Business Plan (HMBP) could not be located on this day.
Corrective action: Locate your HMBP and submit a copy to the CUPA to my attention.

When the following violations have been corrected, submit a Return to Compliance letter to the CUPA to my attention stating the date the violations were corrected and the corrective action taken.

If you have any questions concerning this inspection report, please call me at (858) 694-2750.

Signature of Business Representative

Date Signed

Title

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261; (619) 338-2222; sdcdeh.org



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT
Small and Large Quantity Generators of Hazardous Waste
Handlers of Hazardous Materials

PERMIT # 123318
DATE 7/31/06
PAGE 2 OF 2

BUSINESS ADDRESS: 11011 N. Torrey Pines Rd. ZIP: 92037

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19 & 22 of the California Code of Regulations (CCR), Chapters 6.5 & 6.95 of the Health and Safety Code, and/or the San Diego County Code (SDCC). Small Quantity Hazardous Waste Generator=(SQG); Large Hazardous Waste Quantity Generator=(LQG); Code 40 of Federal Regulations=(CFR). All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Your Specialist can provide this form. Please call (619) 338-2222 or your Specialist if you have any questions.

HAZARDOUS MATERIALS REQUIREMENTS

Table with 2 columns: Viol #, V VIOLATION DESCRIPTION. Includes items 1001-1018 with checkboxes.

HAZWASTE REQUIREMENTS FOR LOGs & SQGs

Table with 2 columns: Viol #, V VIOLATION DESCRIPTION. Includes items 0216-0224 under STORAGE AND HANDLING.

HAZWASTE REQUIREMENTS FOR LOGs & SQGs RECORDKEEPING

Table with 2 columns: Viol #, V VIOLATION DESCRIPTION. Includes items 0131-0149.

HAZWASTE REQUIREMENTS FOR SQGs ONLY

Table with 2 columns: Viol #, V VIOLATION DESCRIPTION. Includes items 0225-0234 under STORAGE AND HANDLING-Pursuant to 66262.34(d).

TRAINING, CONTINGENCY PLAN & ER PROCEDURES Pursuant to 66262.34(d)(2)

Table with 2 columns: Viol #, V VIOLATION DESCRIPTION. Includes items 0407-0412.

DISPOSAL AND TRANSPORTATION

Table with 2 columns: Viol #, V VIOLATION DESCRIPTION. Includes items 0301-0308.

HAZARDOUS WASTE TANK SYSTEMS Pursuant to 66262.34(d)(2)

Table with 2 columns: Viol #, V VIOLATION DESCRIPTION. Includes items 1612-1616.

SIGNATURE OF BUSINESS REPRESENTATIVE

7/31/06 DATE SIGNED

SAFETY MANAGER. TITLE OF BUSINESS REPRESENTATIVE



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 1 OF 2 DATE 7/31/06
 PERMIT # 123318
 TIME START _____ END _____
 BUS. CODE K67
 SPECIALIST GOWRES
 INSPECTION CONTACT/TITLE
 DAN MACNEIL / SAFETY
 PHONE: (858) 535-5400

BUSINESS NAME STRATAGEME Corp.
 ADDRESS 11011 N. Torrey PINES Rd.
 CITY/ZIP La Jolla 92037

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (HSC) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

- | Y | N/A | | Y | N/A | |
|--------------------------|--------------------------|---|--------------------------|--------------------------|-------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Unified Program Facility Permit current and available | <input type="checkbox"/> | <input type="checkbox"/> | Permit Expires on: <u> / / </u> |
| <input type="checkbox"/> | <input type="checkbox"/> | Hazardous Materials Business Plan available | <input type="checkbox"/> | <input type="checkbox"/> | Contingency Plan available |
| <input type="checkbox"/> | <input type="checkbox"/> | Employee Training is adequate | <input type="checkbox"/> | <input type="checkbox"/> | Employee Training records available |
| <input type="checkbox"/> | <input type="checkbox"/> | Waste disposal records available for review | <input type="checkbox"/> | <input type="checkbox"/> | Waste containers kept closed |
| <input type="checkbox"/> | <input type="checkbox"/> | Emergency contacts current <input type="checkbox"/> Updated today | <input type="checkbox"/> | <input type="checkbox"/> | Waste containers kept labeled |
| <input type="checkbox"/> | <input type="checkbox"/> | Chemical inventory current <input type="checkbox"/> Updated today | <input type="checkbox"/> | <input type="checkbox"/> | Waste containers in good condition |

ROUTINE INSPECTIONS

1. OBSERVATION: A 5-gal. container of MICROARRAY Q.C. Pyroolidione WAS Labeled with a Hazardous waste Label But the LABEL WAS NOT legible.
 corrective action: Replace the Label within 5 DAYS.

2. observation: THE HMBP could NOT Be Located ON this Day.
 corrective action: FIND the HMBP. Resubmit any changes to the CUPA within 30 DAYS.

This is an annual certification that the Hazardous Materials Business Plan (inventory, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored.

[Signature]
 Signature of Business Representative

7/31/06
 Date Signed

SAFETY MANAGER
 Title of Business Representative

Initials of Business Representative

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
 Phone: (619) 338-2222 Fax: (619) 338-2137 1-800-253-9933 <http://www.sdcountry.ca.gov/deh/hmd/index.html>

123318



MEMO

To: Jim Gohres

From: Daniel Mac Neil – Safety Manager
Stratagene Corporation - Permit # 123318
11011 N. Torrey Pines Road
La Jolla, Ca. 92037

Date: November 27, 2006

Re: **Action Item Status – County of San Diego DEH Compliance
Inspection conducted on 7/31/06.**

Listed below are the abatement dates referring to the two observations described in the County of San Diego Compliance Inspection Report dated 7/31/06. (See attached)

Violation #1: The hazardous waste label in the Microarray Q.C. lab on the 5 gallon pyrrolidinone container that was not originally legible was immediately replaced on 8/1/06 with a new label.

Violation #2: The draft Hazardous Waste Business Plan (HMBP) in question was never approved by Stratagene and will not be submitted for approval to DEH.



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(619) 338-2222 FAX (619) 338-2377: 1-800-253-9933

OFFICE USE ONLY:

Unified Program Facility Permit #:

123318

Date Received: / /

ENVIRONMENTAL PROTECTION INDICATORS FOR CALIFORNIA (EPIC) APPLICATION TO PARTICIPATE IN THE EPIC PILOT PROJECT

Approved, J. Misher 10-3-07

A. SITE INFORMATION

Business Name: STRATAGENE CORPORATION

Site Address: 11011 N. TORREY PINES RD. CA 92037
Street Number Street Name City State Zip Code

Mailing Address: _____ CA _____
(if different than Street Number Street Name City State Zip Code site address)

B. APPLICANT INFORMATION (Person Submitting the Application)

Contact Person: MAC NEIL DANIEL R Title: SAFETY MANAGER
Last Name First Name M.I.

Company Name: STRATAGENE CORPORATION Telephone #: (858) 373-6420

E-Mail Address: DAN.MACNEIL@STRATAGENE.COM

C. NAME OF EMPLOYEES THAT ATTENDED EPIC WORKSHOP

Name: Daniel Mac Neil Date Attended: 5/9/07

Name: _____ Date Attended: / /

Name: _____ Date Attended: / /

D. CERTIFICATION: As the business representative I accept to meet the Performance Standards outlined on the reverse of this page. I understand that failure to comply with these standards will trigger a return to the 18-month inspection interval and a standard fee schedule.

Name: DANIEL R. MAC NEIL Title: Safety MANAGER.

Signature: [Signature] Date: 5/9/07

SCORING SYSTEM FOR VIOLATIONS FOUND DURING INSPECTIONS

Significant Violations (Each violation is worth 15 points):

1. Unified Program Facility permit not obtained
2. Failed to obtain & maintain a valid EPA ID Number
3. Operating Treatment Storage Disposal Facility (TSDF) without authorization
4. Failed to notify the CUPA of onsite hazardous waste treatment
5. Failed to properly separate incompatible wastes
6. Container incompatible with waste
7. Unauthorized disposal of hazardous waste
8. Unlawful transportation of hazardous waste
9. Did not use a hazardous waste manifest for disposal
10. Did not report release or threatened release
11. Enclosure or designated accumulation area for medical waste containers not secured

Class II or minor violations (Each violation is worth 5 points): All other violations

Incidental Violations

(Each violation is worth 2 points)

1. Annual carcinogen / reproductive toxin list not sent to HMD
2. Medical SOLID WASTE not secured to deny access to unauthorized persons
3. Did not have records of battery disposal
4. Spill Prevention, Control and Countermeasure Plan (SPCC) not completed and onsite



County of San Diego

GARY W. ERBECK
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION

JACK MILLER
ASSISTANT DIRECTOR

P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(619) 338-2222 FAX (619) 338-2377
1-800-253-9933

www.co.san-diego.ca.us/deh/hmd/

ENVIRONMENTAL PROTECTION INDICATORS FOR CALIFORNIA (EPIC) A Pilot Program for Biotech and Research Labs in San Diego County

The County of San Diego, Department of Environmental Health (DEH), Hazardous Materials Division (HMD) is the local Certified Unified Program Agency (CUPA) and is responsible for implementing the elements of the Unified Program in San Diego County. The Unified Program regulates facilities that handle hazardous materials, hazardous waste, medical waste and/or underground storage tanks.

HMD is now implementing the last phase of the EPIC Pilot Project Program, which measures unified program compliance through education. Facilities participating in this program are eligible for reduced permit fees and decreased inspection frequencies when they meet established compliance goals. Earlier phases of the project included identification of the Top Ten Violations and training workshops to calibrate both, CUPA inspectors and facility operators in how to correct these violations.

The goal of this project is to reduce the most common hazardous waste, medical waste and hazardous materials violations found in the Biotech and Research & Development industry sector. The program is open to facilities primarily engaged in *biotechnology and laboratory testing in the County of San Diego.

Businesses interested in participating in this program must meet the performance standards outlined below:

1. Have had 2 or fewer Class II or minor violations and no significant violations at their last inspection.
2. Have at least one business employee attend the annual EPIC training workshop.
3. Rate less than 15 points during HMD compliance inspections (see reverse for violation scoring system). Businesses already in the program that score 15 or more points during a compliance inspection will be ineligible to continue in the EPIC program.
4. New businesses must have had at least 2 inspections to participate. New facilities are eligible after the initial inspection if parent business achieved performance standards.

Complete and submit a completed application form on the reverse and submit to your Area Specialist for evaluation. Applications will be reviewed within 30 days and a written response will be mailed to all applicants.

Businesses that meet the EPIC Program performance standards will receive the following benefits:

1. Decreased inspection frequency. The inspection frequency of 18 months will be changed to 36 months for qualified participants of the EPIC Program. For businesses that are large quantity generators of medical waste and/or have a regulated underground storage tank onsite an annual inspection is required. For these sites HMD will conduct an abbreviated 12-month inspection covering the medical waste and/or underground storage tank element(s).
2. 25% reduction in the Unified Program Facility Permit base fee, the hazardous waste fees and/or the hazardous materials fees.

NOTE: For the purposes of this project, biotechnology facilities include process development, manufacturing and development of analytical laboratory devices and instruments, medical and surgical instruments, medicinal chemicals, botanical products, pharmaceutical preparations, and biological products. Testing laboratories are laboratories where relatively small quantities of hazardous chemicals are handled or used for purposes of research, analysis, clinical testing, or product development, testing, or quality control.

PERFORMANCE FEE REDUCTION

A Pilot Program for Biotech and Research Labs in San Diego County

Application Evaluation Procedures for Specialists

All performance standards must be met to be eligible for this program.

If applicant does not meet conditions listed below, they are not eligible to participate.

Business Name: Stratagene Permit #: 123318

1. Specialist must review application and business compliance history to determine if business meets all performance standards. Application reviewer must verify that business has:

- A valid Unified Program Facility Permit in good standing. Expires: _____
- Been inspected by HMD in the last 18 months and is not overdue for an inspection. If facility has not been inspected in the last 18 months, an inspection must be conducted in order to evaluate their eligibility for this program. Last Inspection: 7-31-06
- Submitted to HMD a completed and signed the Performance Fee Reduction Incentive Program application. Application Date: _____
- Had 2 or fewer Class II or minor violations and no significant violations at their last inspection. Violation History: _____
- At least one business employee that attended the annual training workshop or completed online training during the last calendar year.
Name(s) Date(s): Daniel MacNeil
- Rated less than 15 points during the last HMD compliance inspection. Businesses already in the program that score 15 or more points during a compliance inspection will be ineligible to continue in the EPIC program.
- Had at least 2 HMD inspections. New facilities are eligible after the initial inspection if parent business achieved all performance standards. Dates: _____
- Had the same business operator for the last two HMD inspections. A change of ownership may have caused a change in facility operator.

2. All applications must be reviewed within 30 days of receipt.

3. Reviewer must mail a copy of the approved/denied application to all applicants. Denied applications must have a cover letter listing the reason(s) why the application was denied.

4. Reviewer must complete all information at the top portion of the application, including the next inspection date and the Kiva scope/project for businesses with approved applications.

5. Supervisor will send application to HMD's Senior Office Assistant to initiate changes in Kiva to the HMD Permit and to identify business as a participant in the project.

NOTE: For the purposes of this project, biotechnology facilities include process development, manufacturing and development of analytical laboratory devices and instruments, medical and surgical instruments, medicinal chemicals, botanical products, pharmaceutical preparations, and biological products. Testing laboratories are laboratories where relatively small quantities of hazardous chemicals are handled or used for purposes of research, analysis, clinical testing, or product development, testing, or quality control.

PERFORMANCE FEE REDUCTION
A Pilot Program for Biotech and Research Labs in San Diego County

Data Processing Procedures for Office Assistants

When Office Assistants receive an approved application, they will change the activity code in KIVA and will mail out a copy of the approved application to the business. When Office Assistants receive a rejected application, they will send it to file.

New businesses in the Performance Fee Reduction Program

1. Change Scope/Project in Kiva as instructed by Specialist (K66P or K67P)
2. Add a Quantity to apply 25% credit to permit
3. Add a comment that states:

"Business approved for Performance Fee Reduction.

By: ___(Specialist's last name and first initial) Date: ___/___/___".

4. Change next inspection date as indicated by Specialist on the top right side of the application.

7-31-2009

5. Check UFPF expiration date. Determine if special handling is required to process their fee reduction credit. Credit will be applied to applications that are received at least 30 days before the UFPF expiration date.
6. Initial and date the application to indicate that it has been processed.

NOTE: The inspection frequency for businesses accepted in the Performance Fee Reduction Project must be changed from once every 18 months to once every 36 months.

Returning a business to the standard fee/inspection cycle:

1. Change Scope/Project in Kiva as instructed by Specialist (to K66 or K67)
2. Remove the Quantity that applied 25% credit to permit
3. Add a comment that states:

"Business no longer meets standards required for Performance Fee Reduction.

By ___(Specialist's last name and first initial) Date: ___/___/___".

4. Change the re-inspection date as indicated by Specialist.

NOTE: The inspection frequency for businesses no longer eligible for the Performance Fee Reduction Project must be changed from once every 36 months to once every 18 months.



City of San Diego
Development Services
Information and Application Services

123318
1222 First Ave., MS-301
San Diego, CA 92101
Appointments (619) 446-6300
Information (619) 446-5000

OFFICE USE ONLY
UPFP#: 200667
HV: 20-5993
BP DATE: 1/1

HAZARDOUS MATERIALS QUESTIONNAIRE

Business Name: STRATAGENE CORP
Business Contact: Agilent Technologies - DANIEL MAC NEIL (858) 373-6420
Telephone #: (858) 373-6420
Project Address: 11011 N. Torrey Pines Rd., La Jolla, CA 92037
City: La Jolla, CA
State: CA
Zip Code: 92037
APN#: X340 010 3900
Mailing Address: Same as above
City: La Jolla, CA
State: CA
Zip Code: 92037
Plan File#: X 165139
Project Contact: Gregory B. Port
Telephone #: (858) 699-5798

The following questions represent the facility's activities, NOT the specific project description.

PART I: FIRE DEPARTMENT - HAZARDOUS MATERIALS DIVISION: OCCUPANCY CLASSIFICATION: Will your business use, process, store or dispense any of the following hazardous materials? Indicate by circling the item(s) that apply. If any of the items are circled (except item 15), a San Diego Fire Department Hazardous Materials Information Sheet (form FPB-500) must be submitted with your project review to: Planning & Development Review, Fire Hazardous Materials Plan Review, 1222 First Avenue, 4th Floor, San Diego, CA 92101 (619) 446-5438.

- 1. Explosive or Blasting Agents
- 2. Compressed Gases
- 3. Flammable/Combustible Liquids
- 4. Flammable Solids
- 5. Organic Peroxides
- 6. Oxidizers
- 7. Pyrophorics
- 8. Unstable Reactives
- 9. Water Reactives
- 10. Cryogenics
- 11. Highly Toxic or Toxic Materials
- 12. Radioactives
- 13. Corrosives
- 14. Other Health Hazards
- 15. None of These.

PART II: SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH - HAZARDOUS MATERIALS DIVISIONS (HMD): If the answer to any of the questions is yes, applicant must contact the County of San Diego Hazardous Materials Division, 1255 Imperial Avenue, 3rd floor, San Diego, CA 92101. Call (619) 338-2222 prior to the issuance of a building permit.

FEE'S ARE REQUIRED

Expected Date of Occupancy: Currently Occupied

- | | | |
|-------------------------------------|-------------------------------------|---|
| YES | NO | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1. Is your business listed on the reverse side of this form? (check all that apply) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Will your business dispose of Hazardous Substances or Medical Waste in any amount? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Will your business store or handle Hazardous Substances in quantities equal to or greater than 55 gallons, 500 pounds, 200 cubic feet, or carcinogens/reproductive toxins in any quantity? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 4. Will your business use an existing or install an underground storage tank? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 5. Will your business store or handle Regulated Substances (CalARP)? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 6. Will your business use or install a Hazardous Waste Tank System (Title 22, Article 10)? |

<input type="checkbox"/> CalARP Exempt	Date	Initials
<input type="checkbox"/> CalARP Required	Date	Initials
<input type="checkbox"/> CalARP Complete	Date	Initials

PART III: SAN DIEGO COUNTY AIR POLLUTION CONTROL DISTRICT (APCD): If the answer to any of the questions below is yes, applicant must contact the Air Pollution Control District (APCD), 10124 Old Grove Road, San Diego, CA 92131-1649, telephone (619) 598-2000 prior to the issuance of a building or demolition permit. Note: if the answer to questions 3 or 4 is yes, applicant must also submit an asbestos notification form to the APCD at least 10 working days prior to commencing demolition or renovation, except for the removal of any part of residential structures of four units or less. Contact the APCD for more information.

- | | | |
|--------------------------|-------------------------------------|---|
| YES | NO | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 1. Will the subject facility or construction activities include operations or equipment that emit or are capable of emitting an air contaminant? (See the APCD factsheet at http://www.sdcapcd.org/factsheets/eqm.pdf , and the list of typical equipment requiring an APCD permit on the reverse side of this form. Contact APCD if you have any questions.) |
| <input type="checkbox"/> | <input type="checkbox"/> | 2. (ANSWER ONLY IF QUESTION 1 IS YES: Will the subject facility be located within 1,000 feet of the outer boundary of a school (K through 12)? (Public and private schools may be found after search of the California School Directory at http://www.cde.ca.gov/eds/ ; or contact the appropriate school district). |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 3. Will there be renovation that involves handling of any friable asbestos materials, or disturbing any material that contains non-friable asbestos? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 4. Will there be demolition involving the removal of a load supporting structural member? |

Briefly describe business activities: Biotechnology Research & Development
Briefly describe proposed project: Office Remodel

I declare under penalty of perjury that to the best of my knowledge and belief the responses made herein are true and correct.

Name of owner or Authorized Agent: DANIEL MAC NEIL
Signature of Owner or Authorized Agent: DANIEL MAC NEIL
Date: 10/30/08

FOR OFFICIAL USE ONLY.
FIRE DEPARTMENT OCCUPANCY CLASSIFICATION: _____
BY: _____ DATE: 1/1

EXEMPT OR NO FURTHER INFORMATION REQUIRED		RELEASED FOR BUILDING PERMIT BUT NOT FOR OCCUPANCY		RELEASED FOR OCCUPANCY	
COUNTY-HMD	APCD	COUNTY-HMD	APCD	COUNTY-HMD	APCD

JACK MILLER
DIRECTOR

May 12, 2010

Dan Mac Neil, Safety Mgr.
Agilent Technologies

SCORING SYSTEM

Significant Violations (E)

1. Unified Program Facilities
2. Failed to obtain & maintain
3. Operating Treatment St



RECEIVED

JUL 24 11 29 AM '96

ENVIRONMENTAL
HEALTH SERVICES

7/22/96

Attn.: Dick Thurlow
Department of Environmental Health
Hazardous Materials Division
P.O. Box 85261
San Diego, CA 92186-5261

Dear Sir,

I am writing to inform you that Stratagene no longer has facilities located at 11099 N. Torrey Pines Rd. Consequently, the company no longer needs a permit for the treatment and disposal of medical waste at that site. Please discontinue the processing of documents for this purpose.

With thanks,

Albert J. Graftsky, M.A.
Director of Safety
Stratagene

Allison Fowler
Startagene Cloning Systems

Attention Dick Thurlow:

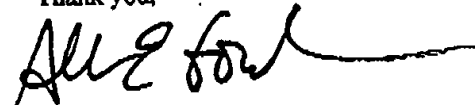
Hello Dick. I am sorry that I was not able to fax this information to you yesterday, I'm hoping "better late than never" will prevail!

Calibration on (3) Market Forge Sterilizers & (1) Temp Recorder:
S/N #730323-4, 156859, C-1188, 100930.

These are the autoclaves that are located in the media sterilizing room, any of which potentially could be used for sterilizing biohazardous waste. The primary autoclave used is the Temp Recorder, and is so labeled.

Please contact me if you have any questions regarding this matter.

Thank you,



Allison Fowler

123518



County of San Diego

GARY W. ERBECK
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(619) 338-2222 FAX (619) 338-2088
1-800-253-9933
www.sdcdeh.org

RICHARD HAAS
ASSISTANT DIRECTOR

July 5, 2002

Mr. Daniel R. Mac Neil, Safety Officer
Stratagene Holding Company
11011 North Torrey Pines Road
San Diego, CA 9037

ONSITE MEDICAL WASTE TREATMENT PERMIT APPLICATION DETERMINATION OF COMPLETENESS

SITE: 11011 NORTH TORREY PINES ROAD, SAN DIEGO, CA 92037

Dear Mr. Mac Neil:

On April 16, 2002, the County of San Diego Hazardous Materials Division (HMD) received your application for an onsite medical waste treatment facility permit (renewal). An initial review of your application was done to determine whether or not your application was complete. After reviewing this information, the HMD has determined that your application is complete.

Before the HMD will grant or deny you a permit, a site visit must occur in order to verify that the information submitted to the HMD in the permit application is correct and that your facility is currently in compliance with the Medical Waste Management Act, Health and Safety Code, Sections 25100 and 117600 et al; the San Diego County Code of Regulatory Ordinances Sections 68.120 et al; and the California Code of Regulations, Title 22 Sections 65600 et al. I will contact you in the near future to set up an appointment for this inspection.

If you have any questions, please contact me at (858) 694-2750.

Sincerely,

JIM GOHRES, Environmental Health Specialist III
Hazardous Materials Division

*

- 2 -

July 5, 2002

cc: Mike Vizzier, Supervising Environmental Health Specialist
File #123318

CERTIFIED MAIL/RRR

123318

APPLICATION FOR ON-SITE MEDICAL WASTE TREATMENT PERMIT

COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT DIVISION
P. O. BOX 85261
SAN DIEGO, CA 92186-5261
(619) 338-2222

RECEIVED
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D.E.H.
MAILROOM

I. GENERAL

A. Type of Permit Requested

Place an "X" on the appropriate line below to indicate the type of permit being applied for:

1. Type of Treatment

a. Steam Sterilization

b. Incineration

c. Other State DHS approved method (please specify):

B. Facility Status

Place an "X" on the appropriate line to indicate whether this application is for a new or existing facility.

1. New Facility

2. Existing Facility

If an existing facility, please indicate the purpose of this application. Place an "X" on the appropriate line below to indicate whether this is a renewal application, a facility modification, transfer of ownership, revised application, or a initial request for permit.

a. Initial Request for Permit

b. Modification

c. Transfer of Ownership

d. Permit Revision

e. Permit Renewal

C. Application Information (Note: Provide the information requested below on a separate page attached to the completed application.)

1. Estimated Weight and Volume → See Attachment C

A summary of the weight or volume of medical waste handled or expected to be handled during the permit period. For renewals, the amount handled during the previous permit period.

2. Special Occurrences → See Attachment C

A listing of any special occurrences such as fires, injury, property damage, accident or other unusual occurrences, or incidents involving medical waste which have occurred at the facility during the previous three years.

3. Compliance History —————> See ATTACHMENT D

A description of your compliance history relative to local, state, or federal regulation regarding the handling, storage, or treatment of medical waste during the previous three years. Include information from other facilities under your control for the same period.

II. FACILITY INFORMATION

A. Facility Name STRATAGENE HOLDING COMPANY

B. Facility Contact Person(s)

1. Name (last, first, middle initial) and Job Title:

MAC NEIL, DANIEL R. - SAFETY OFFICER

2. Telephone Number (area code and number):

(858) 535-5400 x-11111

C. Facility Mailing Address

1. Street, Route Number, or P.O. Box Number

11011 N. Torrey Pines Rd.

2. City or Town, State, and Zip Code:

LA JOLLA, CA. 92037

D. Facility Location (if different from above)

1. Street, Route Number or other specific site location, or address:

—————

2. City or Town, State and Zip Code:

—————

3. Telephone Number (area code and number):

—————

E. Ownership status PRIVATE ENTITY

(Federal, state, local government, or other public or private entity.)

III. OPERATOR INFORMATION

A. Name STRATAGENE HOLDING COMPANY (SHC)

B. Owner or Operator JOSEPH SORGE M.D.

Is the name listed in III. (A.) above also the owner? of property? No

1. Yes

2. No

OF BUSINESS: yes

If no, please complete the following additional information.

a. Telephone Number (area code and number):

()

b. Street or P.O. Box Number:

c. City or Town, State, and Zip Code:

IV. FACILITY OWNER

A. If the facility owner is also the facility operator as listed in III. above, disregard the B. portion of this section.

B. If the facility owner is not the facility operator as listed in III. above, complete the following items.

1. Name of legal owner of facility:

SLOUGH TPSP, LLC. c/o BURNHAM REAL Estate

2. Telephone Number (area code and number):

858 558-0383

3. Street or P.O. Box Number:

11011 N. Torrey Pines Rd., Suite 101

4. City, State, and Zip Code:

LA JOLLA, CA. 92037

V. ENVIRONMENTAL CLEARANCES

A. Pursuant to Section 65610, Chapter 21, California Code of Regulations, provide all necessary information relating to environmental clearances/permits as required.

1. A copy of the environmental impact report (EIR) or negative declaration prepared by the lead agency or evidence that a lead agency is preparing or will prepare environmental documentation, if applicable.
2. Other information (please specify):

Not applicable

VI. MAP → SEE ATTACHMENT A

Attach to this application a map extending for one mile beyond the property boundary identifying access roads and the type of development surrounding the facility (e.g. residential, commercial, recreational, schools, etc.)

VII. PRIMARY ACTIVITIES OF THE FACILITY → See Attachment A

Provide a description of the nature and activities of the business which requires a permit.

VIII. FACILITY INFORMATION → SEE ATTACHMENT B

A. Provide the following facility information.

1. Average monthly quantity of medical waste to be stored and/or treated on property.
2. The rated capacity per operational cycle, the time per cycle, the number of operating hours per day, and days per week of operation.
3. Type and description of medical waste being treated. What measures are employed to prevent unauthorized waste (i.e. chemical waste, chemotherapy waste, etc.) from being treated at the facility?

B. Total capacity of primary waste storage area in use.

IX. FACILITY PLAN → SEE ATTACHMENT F

Provide a site map of the facility with a description of the ingress, egress, medical waste storage area(s), treatment facility location, security measures, and other areas which will be used as a part of the ongoing operation.

X. OPERATION PLAN → SEE ATTACHMENT H.

Append a copy of the facility Medical Waste Operation Plan and Procedures with this application.

XI. **EMERGENCY ACTION PLAN** ——— See attachment E
Append a copy of your Emergency Action Plan with this application.

XII. **TRAINING PLAN** —————→ See ATTACHMENT J
Append a copy of your employee Training Plan for medical waste management with this application.

XIII. **CLOSURE PLAN** —————→ See ATTACHMENT K
Append a copy of your Closure Plan and a written estimate of the cost of closing the medical waste storage and treatment areas.

XIV. **MONITORING SCHEDULE** —————→ See ATTACHMENT K
Append a copy of the Monitoring Schedule, the schedule for installation of monitoring equipment and a copy of the Operating Procedures for maintenance and testing of the monitoring equipment.

GO TO PAGE 8.

Medical Waste Treatment Equipment Specifications:

Each medical waste treatment unit must be described below. The following information shall be completed and submitted along with the application. Submit a separate sheet for each medical waste treatment unit.

Must complete the following information: (please print or type information)

- 1. Date of equipment installation: 1990
- 2. Manufacturer's Name: AMSCO STMF
- 3. Model Number: 72A-AS ✓
- 4. Serial Number: 78A-4571 ✓

5. Describe the method of treatment for the equipment (e.g. autoclaving; chemical disinfection; thermal treatment; microwaves; etc.):

Autoclaving - For 30 minutes at 16 PSI

6. Give the exact location and/or room number where the treatment unit will be operated:
Room 183 in the Media Lab, 1st Floor

7. What is the rated capacity of the treatment unit? 70 ✓ pounds/hour of waste treated.

8. Give the date when the treatment equipment was last serviced by a "manufacturer-authorized" technician:
Date: 2/5/2002 by Steris Corporation - Luis Morgan

9. The permittee must photocopy and submit to the HMMD the manufacture's operating instructions and recommended maintenance schedule for the waste treatment equipment. Also, submit a photocopy of the manufacturer's diagrams or schematics of the equipment.

→ See attachment H.

SIGNATURE CERTIFICATION

Owner and operator certification:

I certify under penalty of perjury that this document and all the attachments have been prepared under my direction and supervision in accordance with a system to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those directly responsible for gathering the information, the information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Owner Name (print or type): Responsible person: Thomas W. Collins
City: SAN DIEGO State: CA.
Date: 4/2/02
Signature: TW Collins

Operator certification (if different from above):

I certify under penalty of perjury that this document and all the attachments have been prepared under my direction and supervision in accordance with a system to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those directly responsible for gathering the information, the information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Operator Name and Official Title (print or type):

DANIEL MAC NEIL - SAFETY OFFICER
City: SAN DIEGO State: CA.
Date: 2-27-02
Signature: Daniel MacNeil

Attachment B

1. Estimated Weight and Volume: 334 pounds treated and stored / month ✓

2. Rated Capacity of AMSCO Sterilizer:

Capacity per cycle:	30 pounds
Time per cycle:	30 minutes
Number hours/day:	6 hours per day
Days/week operated:	5 days per week

3. Type and description of medical waste listed in order of decreasing percent of the total:

- -Laboratory media plates and cultures
- -plastic test tubes
- -pipette tips
- -paper towels
- -gloves

4. Security measures in place:

- Keyless entry doors surround the lab spaces (see Attachment F).
- 24 hour guards patrol the premises through Heritage Security Services.
- Lab spaces are labeled with warning signs for biological, chemicals and radiological hazards.
- Only two, designated employees have been authorized and trained to treat medical waste.
- Other hazardous waste streams are inspected daily by Safety Committee members to ensure that waste treatment on other materials is not performed.
- New employees are trained not to alter the labeling, container or composition of any hazardous waste material at Stratagene.

Attachment C

1. Estimated Weight and Volume: 334 pounds treated per month

Source:

Month: Bags Treated: (from operational log book)

July - 2001	69
August - 2001	73
September - 2001	59
October - 2001	80
November - 2001	101
December - 2001	83
January - 2002	70
<u>Total</u>	<u>535 bags / 7 months = 76 bags/month average</u>

76 Bags / month average x 4.4 pounds / bag (avg weight) = 334 pounds / month

- 2. Special Occurrences: No fires, property damage, injuries or unusual incidents involving medical waste have occurred during the past three years.**



EMERGENCY ACTION PLAN

(EAP)

Stratagene Holding Company (SHC)

Keep track of updates & changes, it documents that the plan is current:

Rev. A - 9/99
Rev. B - 7/00
Rev. C - 11/01

**STRATAGENE®**

Department: Safety	Department Number: 00615	Effective Date: November 2001	Revision Number: Rev C
Title: EMERGENCY ACTION PLAN			

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I. Purpose:

This Emergency Action Plan addresses Stratagene Holding Company's (SHC) planned response to various man-made or natural emergency situations. The purpose of the Plan is to provide information that will save lives during emergency events and hasten the resumption of normal company operations during the recovery process. This document designates authority to activate the Plan and lists responsibilities of key personnel critical to the success of the program. Plan training requirements are also addressed.

II. Authority

Any employee trained in these procedures who witnesses an event in or near company facilities that constitutes an actual or potential serious danger to other employees or the property, has the authority to activate this Plan.

III. Universal Evacuation Procedure for all Emergencies: "EAR" – Evacuate, Alert and Rescue

Employees with disabilities are required to inform Human Resources or the Safety Office of the need for special assistance during emergencies or evacuations.

Evacuate yourself and all employees in your work area to the *Primary Evacuation Area* (see map on page 17). If the *Primary Evacuation Area* becomes obstructed for any reason, then immediately proceed to the *Alternate Evacuation Area* near the Fujitsu building. **Employees with disabilities must evacuate to the South Evacuation Area located near the front door on the first floor.** Sign the *Evacuation Roster* or equivalent document that your supervisor uses to record your presence at the Evacuation Area.

Alert authorities and the building staff.

Rescue missing or injured employees only if it is safe and if you have been specially trained to do so.

The following situations **warrant mandatory evacuation:**

- Large fire
- Earthquake
- Power Outage or utility failure
- Large chemical spill
- Bomb threat
- Any spill considered to be too large or too hazardous for in-house response.

Evacuation **may be necessary** in the following situations:

- Small chemical spill
- Suspicious package
- Workplace violence
- Medical emergency
- Rolling Blackout

If an employee is ordered to remain in the building during an emergency by a non-Stratagene official, and they know that the commands to remain in the building are inconsistent with the facts of the emergency, the employee has every right to continue to evacuate the building.

Never use the elevator in any emergency under any circumstances. Utilize the pull-boxes for fire emergencies only.



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SHC employees may initiate the evacuation using any of the following warning signals; Life Safety System bell tones, phone system or phone page, shouted commands, etc.

Once an evacuation is initiated, each employee, visitor, or vendor must leave in an orderly fashion immediately through the nearest, or safest escape route (see posted Evacuation Maps) and proceed to the designated Primary Evacuation Area in the East Parking Lot (see map on page 17). Employees with disabilities must evacuate to the South Evacuation Area.

Each employee must immediately report to their supervisor at the evacuation area. Supervisors will have their employees sign their *Evacuation Roster* or separate sheet of paper in order to document their presence at the Evacuation Area.

The employee who activated the evacuation or a designee thereof should immediately contact an Incident Commander at the Primary Evacuation Area located at the East Parking Lot (see map on page 17) and report the facts of the emergency.

Dial or page one of these extensions to reach one of the designated Incident Commanders:

Incident Commanders / Emergency Plan Contacts:		
Safety Officer:	Daniel Mac Neil	x-11111 – pager-(619)-526-8301
Safety Director:	Cindy Murray	x-13004 – no pager
Facilities Manager:	John Sullivan	x-15435 – pager-(619)-973-1401
Northern Lab:	Scott Basehore	x-13005 – pager-(619)-973-6445

If no answer, dial "0" and have the Receptionist page the Incident Commanders.

Dial 911 and report emergency to official authorities. When you report the emergency, tell the operator, "This is an emergency" and calmly state:

Your name

The building and room location of the emergency:
Stratagene is Building #6 at 11011 North Torrey Pines Road

The nature of the emergency – fire, chemical spill, etc.

Whether injuries have occurred, and hazards present that may affect responding emergency personnel

Termination of evacuation:

Once evacuated, employees *may not re-enter* the building unless cleared to do so by one of the Incident Commanders or local emergency authorities.

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November 2001

Revision Number: Rev C

Title: **EMERGENCY ACTION PLAN****IV. RESPONSIBILITIES****Incident Commander:**

In the event of Plan activation all the responsibility for coordinating the Plan is transferred to the Incident Commander(s). The Incident Commander will direct the Plan from the Command Center. During business hours the Command Center locations are as follows: (see map on page 17):

Primary Evacuation Area - Stratagene East Parking Lot (during evacuations)
Safety Office (for incidents that *do not require* immediate evacuation)

After business hours (evening, nights and weekends) Command Center duties will be handled by:

Heritage Security Service is responsible for implementing emergency procedures after hours and on weekends. Security is on duty 24 hours.

Console telephone 458-0406 24 hour security pager 989-0175

The Incident Commander has the following responsibilities and will prioritize them based upon the nature and extent of the emergency:

1. Report to the appropriate Command Center wearing an orange-colored identification vest once the evacuation has been activated. Additional vests are located in the Safety Office.
2. If an evacuation has not been initiated, make the decision whether or not to evacuate the building based upon information received from the individual who activated the Plan. If indicated, initiate the evacuation immediately by utilizing phone system page, Life Safety System alarms, or shouted voice commands. Notify Property Management immediately by calling 558-0383 (24 hours).
3. If an evacuation has been initiated meet with the managers and supervisors at the Primary Evacuation Area to determine if there are any absent employees or visitors. Immediately notify Property Management officials and other emergency personnel of any absent employees or visitors.

Managers

Managers, Supervisors or their designated alternates have the following responsibilities:

1. Possess a working knowledge of all the employees in their work area. It is *highly recommended* that supervisors maintain a roster of existing employees at an available location in the department to facilitate roll call at the Primary Evacuation Area. This will be called an *Evacuation Roster*. Ensure your visitors and vendors have signed in with the Receptionist.
2. During an evacuation, ensure that each employee, visitor, vendor or disabled/handicapped person(s) leaves in an orderly fashion through the nearest, or safest escape route (see posted Evacuation Maps) and proceeds immediately to the Primary Evacuation Area or the South Evacuation Area (disabled employees). Bring either the Evacuation Roster or a blank sheet of paper with you so that employees may sign the sheet after evacuation.



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3. Take roll call and account for each employee in your department. Have each employee sign the sheet confirming their presence at the evacuation site. Include any visitors or vendors. Note any absentees, initial the sheet, and immediately report attendance status to the Incident Commander(s).
4. Ensure employees remain together as a departmental group in the Primary Evacuation Area until further instruction from the Incident Commander. No one will attempt to reenter the building until emergency personnel announce that it is safe to do so and the Plan is terminated by the Incident Commander.
5. Managers are responsible for designating and training alternates for themselves if they leave the site during the workday. If a manager is removing the entire group offsite for any part of the workday, he or she is responsible for ensuring that another manager will be able to account for the entire group in the event of an evacuation.

Department Wardens

Selected employees from each work area will be designated as the *Department Wardens*.

Department wardens have the following responsibilities in the event of an actual emergency or fire drill:

- If it is safe to do so, quickly check all rooms, corridors, stairwells and not-so-obvious areas such as bathrooms near their designated area to ensure all personnel are evacuating the area.
- Personnel refusing to evacuate will be reported as "absent" to the Incident Commander and their supervisor.

List of Department Wardens (Safety Committee members):			
Don Johnson	Andrew Cox	Julie Bonnardel	Kelly Wynne
Michelle Harris	Al Grafsky	Rosenda Lindquist	Scott Basehore
Alex Stevens	Dick Mason	Lisa Hexdall	Erikka Breedlove

Safety Officer

The Safety Officer has the following responsibilities during an evacuation:

- Wearing an orange-colored identification vest, supervise and coordinate the evacuation from the Primary Evacuation Area.
- Account for the Receptionist and ensure all managers and/or supervisors report attendance status. Record the names of absent employees, visitors, or vendors onto a sheet of blank paper. Ensure other Incident Commanders, Property Managers, and emergency responders are aware of absent employees, visitors, or vendors.
- Collect and file the attendance status sheets from all managers and/or supervisors after the incident is resolved.



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- Conduct a review of the incident or drill as soon as possible. Present findings at the bimonthly Safety Committee meeting and to management.

Receptionist:

The Receptionist has the following responsibilities:

1. Ensure all visitors and vendors sign in and record the name of the manager or employee they are visiting. Ensure visitors and vendors sign out upon exiting the building.
2. Provide a communication relay (using the telephone paging system) for the dissemination of emergency information if necessary.
3. Upon evacuation the Receptionist should bring the visitors sign-in book and the mobile radio with him or her and report immediately to the South Evacuation Area located in the Parking Lot at the front of the building while assisting the evacuation of employees with disabilities.

V. Specific Emergency Procedures:

- | | | |
|--------------------|-------------------------|-----------------|
| Fire | Earthquake | Bomb Threat |
| Hazardous Spill | Major Medical Emergency | Utility Failure |
| Workplace Violence | Elevator Failure | |

A) FIRE EMERGENCY

If You Discover A Fire, Remember To "RACE"

Remove yourself and other persons in danger if it is safe to do so. Confine the fire by closing doors and windows in the area. Do not lock the doors.

Alert authorities and the building by calling 911 and the Incident Commander (x11111, 13004 or 15435). If no answer dial "0" and have the Receptionist page an Incident Commanders.

Communicate the nature and location of the emergency to the occupants of the building and whether or not to evacuate. If there is a large fire in or near the building utilize the nearest fire alarm pull-box.

Extinguish the fire if you have been trained to handle a fire extinguisher and if it is safe to do so. If you are unable to extinguish the fire **evacuate** quickly and calmly using the nearest emergency exit and report immediately to your designated Evacuation Area.

Assist those with disabilities.

Never use the elevators. If you are in an elevator, get off at the first possible stop and proceed to the nearest and safest exit. Do not attempt to return to your place of work if the alarm stops ringing. Advise your manager and emergency personnel if anyone remains trapped or immobilized in the area.

If you are notified of a fire or if you smell smoke...



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Before opening any door, feel the top with your hand. If the door is hot, do not open it. If no alternate door is available, call 911 and the Incident Commander and give your exact location. If no answer dial "0" and have the Receptionist page an Incident Commander. Seal the doors and any vents with cloth material to keep out smoke and retreat. Close as many doors between you and the fire as possible. If there is smoke, stay low. Air is cooler and cleaner closer to the floor. If water is available keep a wet cloth over your mouth and nose. Do not break windows, instead signal at windows by waving colorful objects. Remain calm, help is on the way.

If the door is not hot...

Brace the door with your hand and open it cautiously. Check corridor for smoke. If there is no smoke, use your primary escape route and proceed to the Evacuation Area. If you do encounter smoke, crawl low under the smoke to the nearest stairwell or exit. Walk down or out and proceed to the Evacuation Area.

If someone's clothes are on fire...

Drop the person to the floor and roll him or her to smother the flames, or drench him or her with water if a safety shower is immediately available. Call 911 to obtain medical help.

1) Fire Extinguisher Operation

When using a fire extinguisher keep the following in mind:

Do not attempt to use a Fire Extinguisher if you have not been trained !

Never enter a room containing a fire without a backup person. Never enter a room if the top half of the door is warm to the touch or the room is smoke-filled.

Keeping an exit between you and the fire, locate the nearest appropriate fire extinguisher. Bring the extinguisher within six feet of the fire and follow the **P-A-S-S** procedures to activate the extinguisher:

- P - Pull the pin located in the extinguisher's handle.
- A - Aim the nozzle, horn or hose at the base of the fire.
- S - Squeeze or press the handle.
- S - Sweep from side to side at the base of the fire until it is extinguished.

After the fire has been completely extinguished, notify an Incident Commander. If no answer dial "0" and have the Receptionist page one of the Incident Commanders. Report the empty extinguisher to the Safety Office (x-11111) .

B) SPILLS

KEM, SHC's hazardous waste disposal vendor, responds quickly to large hazardous chemical spills 24 hours a day. Small spills are to be handled directly by laboratory personnel **provided the spilled material does not generate hazardous fumes**. KEM should be contacted in the event of a larger spill. The team is activated via pager and will arrive as quickly as possible. An incidental chemical spill is one that the



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laboratory staff is capable of handling safely without the assistance of KEM responders. All other chemical spills are considered major.

1) Chemical - Minor Spill (< 5 gallons) of a Low Hazard (irritant) substance :

Alert people in the immediate area. Avoid breathing vapors and quickly determine what material has spilled.

Isolate the affected area and prevent entry by other employees. Consult the Material Safety Data Sheet.

Wear the protective equipment provided in the green spill kits located in the San Andreas Lab including safety goggles, gloves, lab coat and confine the spill to a small area.

For most low-hazard chemical spills, use Spill Defense Universal Wipes (provided in each lab) or absorb the spill with vermiculite or another non-reactive absorbent material. Place the saturated absorbent in a plastic bag.

If the spill kits are not available then use sodium bicarbonate (for acid spills) or citric acid (for base spills) to neutralize and absorb inorganic acids and bases.

Properly label the bag as hazardous waste and notify the area Safety Coordinator.

Clean spill area thoroughly and report incident to the departmental manager, Facilities and the Safety Office.

2) Chemical - Major Spill (> 5 gallons) of a Low Hazard (irritant) substance:

Immediately evacuate the area and close all doors.

Alert people in the immediate area. Avoid breathing vapors and quickly determine what material has spilled.

Consult the Material Safety Data Sheet. Notify KEM of the identity and location of spilled material.

Keep all personnel away from the spill area until KEM personnel arrive to evaluate and control the situation. Place signs at doors near the spill advising personnel to not enter the area.

3) Chemical - Spill of a Toxic, Flammable, Corrosive or Reactive material:

If the spill involves a flammable material turn off all ignition sources if it can be done safely.

If the spilled material **is less than 2 liters** in volume and does not generate (hazardous) toxic or severely irritating (hazardous) fumes, then locate one of the two green-colored spill kits in the San Andreas Lab (from EM Science). Using the personal protective equipment supplied in the kit, neutralize and then absorb the spilled material.

If the spilled material **exceeds 2 liters** in volume and is known to generate hazardous fumes, do not attempt to contain or clean up the spill. Leave area immediately and page the Safety Officer at (619) 526-8301 for instructions. After hours call KEM at (619) 409-9292.



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4) Chemical Spill on Body

Remove contaminated clothing and ensure chemical has not accumulated in shoes. Have someone not assisting locate and consult the Material Safety Data Sheet.

Rinse exposed body area thoroughly with water, 10 to 15 minutes, using the safety shower.

If the eyes have been contaminated find the nearest eyewash, spread open eyelid(s) and flush eyeball(s) with running water for 15 minutes. Contact or page the Emergency Medical Technician listed in Section C of this document.

If necessary, call the Poison Center at 543-6000 for advice and seek medical attention immediately.

Report the incident to the Safety Office and departmental manager as soon as possible.

RADIATION SPILLS

OSI contact: Todd Hansen – (858) 708-8132

Occupational Services Inc., (OSI) , Stratagene's radiation consulting service, responds to radiation spills 24 hours a day. Small spills are to be handled directly by laboratory personnel, however, OSI should be contacted in the event of a larger spill. The consultant is activated via pager and will arrive as quickly as possible. A minor radiation spill is one that the laboratory staff is capable of handling safely without the assistance of OSI. All other radioactive material spills are considered major. The Radiation Safety Officer must be notified of spills involving personal contamination.

Minor Radiation Spill Procedure:

Alert personnel in the immediate area to avoid and isolate the spill area.

Wear protective equipment including safety goggles, disposable gloves, and lab coat. Confine the spill and identify the spilled radionuclide with radioactive label tape.

Place Spill Defense Universal Wipes or absorbent towels over liquid spill. Place towels dampened with water over spills of solid material.

Clean the spill from the outer most area towards the center with decontamination solution. Place towels in plastic bag. Dispose of bag in appropriate radiation waste container. Monitor area, hands, and shoes for contamination with an appropriate survey meter or do a wipe test. Repeat cleanup until residual contamination is less than 2,200 dpm/cm².

Notify your manager and provide a written record of the circumstances involving the spill and all remedial actions to the Radiation Safety Officer as soon as possible.

Major Radiation Spill Procedure

Wear protective equipment including safety goggles, disposable gloves, and lab coat. Secure container and stop the spill. Place absorbent towels over liquid spill. Place towels dampened with water over spills of solid material.

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Revision Number: Rev C

Title: **EMERGENCY ACTION PLAN**

Attend to contaminated or injured personnel and remove them from further exposure. Have potentially contaminated personnel stay in one area until they can be monitored and shown to be free of contamination.

Page the Radiation Safety Officer at (619) 526-8301. After hours call Heritage Security at 989-0175 and Occupational Services consultants at (858) 558-6736, 252-2211 or 708-8136.

Alert non-contaminated personnel to evacuate the area.

Close doors to prevent entrance to the spill area and post a sign warning others to stay away. Have someone knowledgeable about the incident assist responding personnel.

Notify your manager and provide a written record of the circumstances involving the spill and all remedial actions to the Radiation Safety Officer as soon as possible.

Radioactive Material Spill on Body

Remove contaminated clothing. If radioactive contamination is found on skin, gently wash with soap and warm water. Survey for remaining contamination and repeat washing as necessary. Use only detergents intended for use on skin. Do not scrub with a brush or other abrasive material. Report all incidents of personal contamination to the Radiation Safety Officer and the departmental manager.

Biological Material Spill Procedure (also see Bloodborne Pathogens Plan)

Biological material spills outside biological safety cabinets may generate aerosols that can be dispersed into the air throughout the laboratory.

Allow 30 minutes for aerosols to settle before beginning decontamination. Wear protective equipment such as double gloves, safety glasses and lab coat.

1) Spill Involving a Microorganism Requiring BL1 Containment Procedure (also see Bloodborne Pathogen Plan)

- Notify the departmental manager.
- Wearing disposable gloves soak paper towels in a 10% bleach solution and place them over the spill. Absorb the spill and place absorbent materials in a red, plastic, biohazard bag for disposal.
- Clean the spill area a second time with fresh absorbent materials soaked in a 10% bleach solution.

2) Spill Involving a Microorganism Requiring BL2 Containment Procedure (also see Bloodborne Pathogen Plan)

- Notify the departmental manager. Alert people in immediate area of the spill. Evacuate the area for at least 30 minutes. Close doors to prevent entrance to the spill area and post a sign warning others to stay away.
- Wearing disposable gloves and other protective equipment cover the spill with paper towels or other absorbent material.



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- Carefully pour a 10% bleach solution around the edges of the spill and then into the spill. Allow a 20 minute contact period.
- Absorb the spill and place towels in a plastic bag for disposal into a biohazardous waste container.
- Clean spill area a second time with fresh towels soaked in a 10% bleach solution.

C) MAJOR MEDICAL EMERGENCY

Unconscious person: *If any SHC employee comes across an unconscious person or a person in a life-threatening medical emergency, call 911 immediately.*

- Do not move the victim unless he or she is in immediate danger of further injury.
- In order to provide emergency support while waiting for paramedics to arrive, contact a member of the Medical Response Team (see below).
- Arrange for someone to meet and guide paramedics to the injured person.

Conscious person: *If an SHC employee comes across an injured yet conscious person, immediately contact a member of the Medical Response Team (see below).*

SHC has trained a group of employees comprising the *Medical Response Team* to respond to both life-threatening emergencies and less severe injuries or illnesses. Members are trained in Adult CPR and comprehensive First Aid procedures that allow them to respond to medical situations that include but are not limited to:

- Loss of or difficulty breathing
- Loss of pulse/heart beat
- Lacerations, cuts
- Burns
- Choking
- Bites
- Sprains
- Fractures
- Heat stroke

Medical Response Team:	
Jennifer Crodian	x-15571 - Proteins
Tricia Zwiefelhofer	x-15571 - Proteins
Veronica Gallego	x-15410 - Proteins
Julie Bonnardel	x-15569 - BPI
Donna Antes	x-15618 - Production Control
Erikka Breedlove	x-14055 – Human Resources
Dick Mason	x-14010 – Instrument R & D
Daniel Mac Neil	x-11111 – Safety



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- If an injured or ill person requires transport to a medical facility or provider, the following employees have been designated to provide that transportation:
 - Cindy Murray -Safety
 - Erikka Breedlove -Human Resources
 - Dennis Ferguson -Human Resources
 - Don Johnson - Facilities
- If none of the above employees are available, then contact the injured person's supervisor.

D) EARTHQUAKES

If you are inside the building during the quake...DUCK, COVER and HOLD !

1) DUCK

Duck or drop to the floor.

2) COVER

Take cover under a desk, sturdy table, stairwell, or door jamb and beware of doors swinging back and forth. If that is not possible, seek cover against an interior wall, protecting your head and neck with your arms. Hallways are among the safest areas but avoid large windows, tall furniture and heavy hanging objects.

3) HOLD

Hold securely on to furniture during the shaking. If the furniture moves, you want to move with it to maintain protection. Remain in that position until the shaking stops. After the shaking subsides, immediately evacuate the building to the nearest safe refuge area outside.

After the quake...

Be prepared for aftershocks. Aftershocks will occur following larger quakes and can topple structurally weakened buildings or cause landslides. If functioning, use the telephones quickly to report only life-threatening emergencies. Only 20% of residential phones can be used simultaneously before the system overloads. It is important to leave these lines open for those individuals who must receive emergency help as soon as possible.

Remain calm and wait for help.

E) BOMB THREAT RESPONSE

All bomb threats will be taken seriously. If a bomb threat notice is received:

Remain calm.

Do not search for an explosive device.

Do not touch any unusual or suspicious objects.



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Report threat immediately to your manager and to an Incident Commander . If no answer dial "0" and have the Receptionist page an Incident Commander.

1) Phone Call Threats

If you receive a bomb threat phone call, signal a coworker to notify Heritage Security 989-0175 (24 hours), the Safety Officer (11111) or the Facilities Manager (15435) and to call 911. Try to get as much information from the caller as possible. Be courteous and do not interrupt the caller. Ask the caller to repeat the message. Record the time of the call and ask the following questions:

- When will the bomb go off?
- Where is it?
- What does it look like?
- Why was it placed in the building?
- Who is calling?

Try to determine any of the following information:

- Caller's gender
- Approximate age
- Is the voice familiar?
- Does the person have an accent or unique speech attribute?
- Any unique background noises?

If the bomb threat was hand-delivered, try to recall a description of the messenger or other suspicious persons in the area.

2) Suspicious Packages

Suspicious Packages should not be moved or disturbed. Report them immediately to Heritage Security at 989-0175 (24 hours), the Safety Officer (11111) and the Facility Manager (15435) . If no answer dial "0" and have the Receptionist page an Incident Commander.

Give the exact location of the package including the room number and location. Look for possible owners. Record a description of the package including the size, color, markings and noises it may be emitting. Do not use phones or walkie-talkies near the package because radio transmission may detonate explosive devices.

F) UTILITY FAILURE

SINGLE COMPONENT UTILITY FAILURE

Gas Leaks Do not use spark-producing devices. Evacuate the area immediately and inform an Incident Commander. If no answer dial "0" and have the Receptionist page the Safety Officer or an Incident Commander.

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Ventilation	If smoke or a burning odor is present without a known reason, evacuate the area. Inform an Incident Commander . If no answer dial "0" and have the Receptionist page the Safety Officer or an Incident Commander.
Elevator	Push emergency button in elevator to contact Heritage Security.
Plumbing	If personal safety allows, disconnect electrical devices and evacuate the area.
Flooding	Inform an Incident Commander . If no answer dial "0" and have the Receptionist page the Safety Officer or an Incident Commander.
Electrical	Contact the Facilities Office at extension 15435.

MAJOR UTILITY FAILURE

Notify your manager and the Safety Officer (11111) . If no answer dial "0" and have the Receptionist page the Safety Officer or an Incident Commander. After hours, page Heritage Security at 989-0175. Security is on-duty 24 hours a day.

Remain calm and follow the directions of the Incident Commander.

G) WORKPLACE VIOLENCE

Safety and security measures have been established at the company to help prevent the likelihood of workplace violence. These include issuing employee access cards, providing adequate lighting in garages, offering an escort service after hours, and requiring guests and visitors to sign in at the front desk.

While there is no exact method to predict which persons will become violent, there are warning signs. These include:

- An employee who has irrational beliefs and ideas, verbally threatens a co-worker or devises a plan to do harm to an individual.
- An employee who is fascinated with weapons
- A person who displays unwarranted anger or an erratic change in mood, appearance or conduct.
- An employee who expresses a lack of concern for the safety of others.

People behaving in such a manner must be immediately reported to the Human Resources or the Safety Officer .



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H) ELEVATOR EMERGENCY

If the elevator stops between floors:

- Stay calm and push the alarm button provided in all elevators.
- Use the elevator telephone or intercom to request help from Heritage Security.
- Wait for assistance.
- Never try to climb out of a stalled elevator unless assisted by a trained emergency crew.

If there is a building fire, blackout or power failure:

- Use the stairways and leave the building by way of designated emergency exits.
- Avoid using elevators because fire can interrupt the flow of electricity to the elevator system or emergency crews may need the elevators for rescue work.

If you are in an elevator when the fire alarm sounds:

- Don't panic. Most modern elevators are designed to return you to the lobby immediately.

Can an elevator fall?

Elevators are equipped with safety features that make it virtually impossible for them to fall. Steel cables raise and lower the elevator, any one of which is strong enough to support the weight of the entire elevator. The cables attached to the elevator can support the weight of the car plus the maximum allowable weight of the passengers. A counter weight is attached to the other end of the cables to balance the weight of the car.

If an elevator should overspeed during descent, two emergency features would automatically intervene. First, a switch turns off the elevator's drive power. Second, spring-loaded wedges, called "safeties", grip the guide rail. Since the guide rail is securely fastened to the building structure, it is virtually impossible for a car to fall.

This Emergency Action Plan is hereby approved:

Candy Morrison
Signature: *J*

12-7-01
Date:

Safety Director
Title:



STRATAGENE®

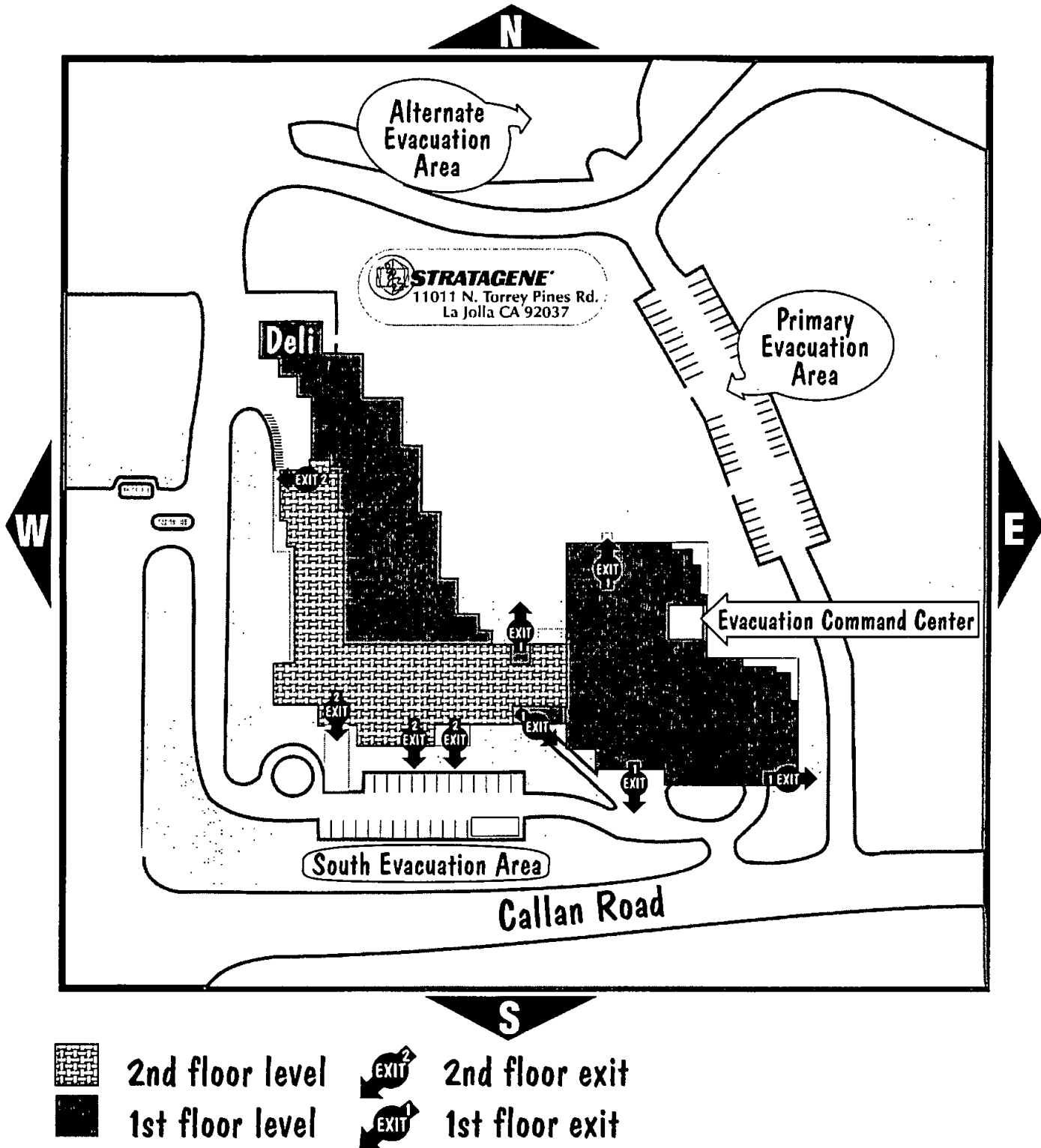
Department:
Safety

Department Number:
00615

Effective Date:
November 2001

Revision Number: Rev C

Title: **EMERGENCY ACTION PLAN**



Attachment F - Stratagene First Floor Site Map:

Emergency
Exit for some
lab spaces

Emergency Exit from Lab
spaces to underground
Parking garage

Media Lab - location
where medical waste is
treated and stored.

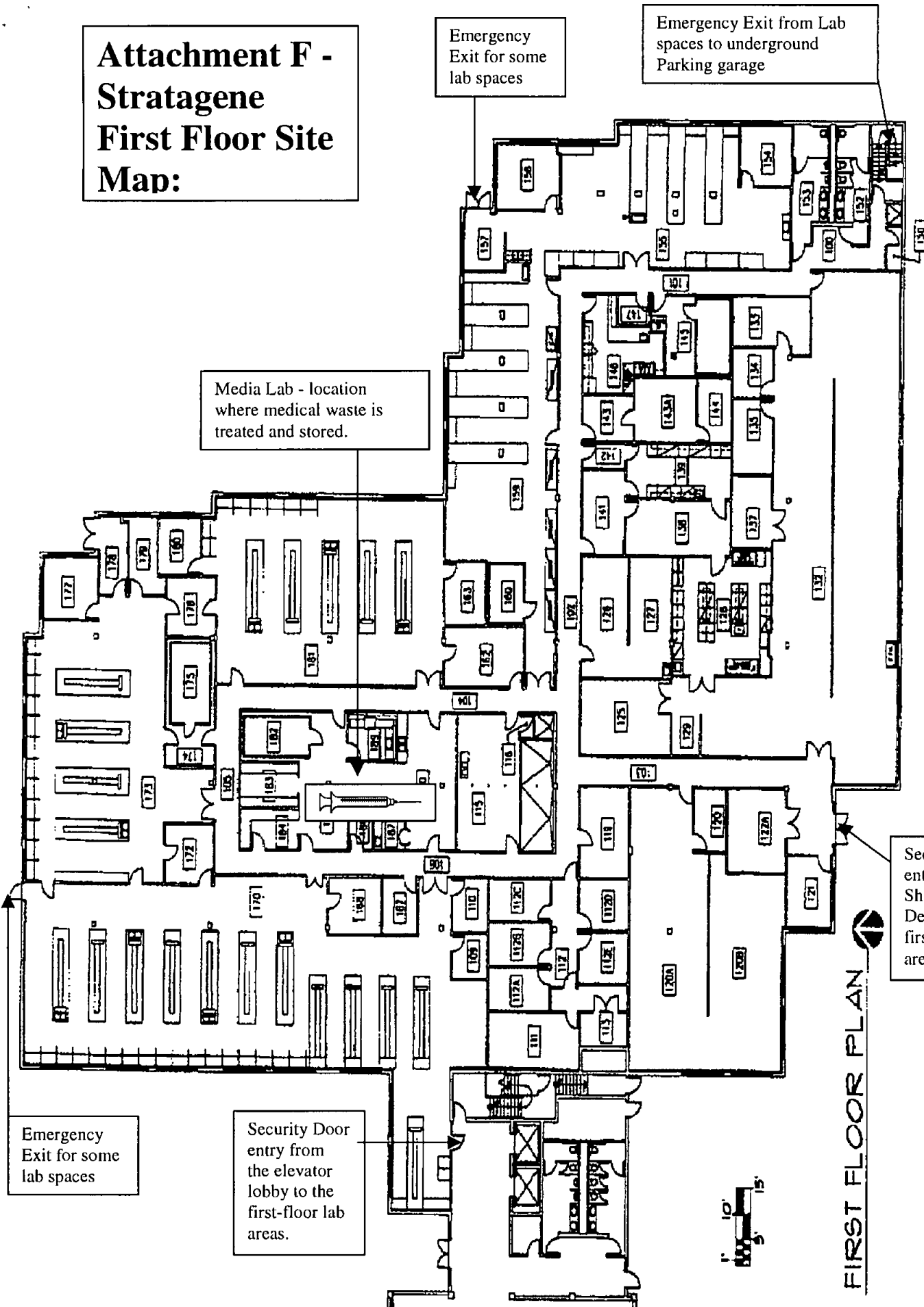
Security Door
entry by the
Shipping
Dept. to the
first floor labs
areas.

Emergency
Exit for some
lab spaces

Security Door
entry from the
elevator
lobby to the
first-floor lab
areas.



FIRST FLOOR PLAN



Attachment F continued-

Security Measures:

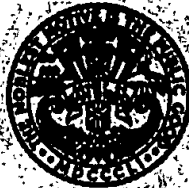
No access is allowed in the laboratory spaces without a company-provided identification card that will open the security doors.

Only two, trained employees are authorized to operate the AMSCO sterilizer in the Media Lab for the purpose of medical waste treatment.

Autoclaved medical waste is delivered to the dedicated dumpster located in the underground parking garage on level P-2 just prior to pick-up by Waste Management Inc.

Underground parking garage is also secured by electronic gating system and security detail 24/7. The same identification card system used in the lab spaces is also utilized in the parking garage.

DATE 09/18/97



MEDICAL WASTE MANAGEMENT PLAN

Business Name: Stratagene Type of Business/ Practice: Biotech
 Site Address: 11011 N. Torrey Pines Rd. Zip: 92037 Phone#: 619/535-5400
 Contact Person: Allison Fowler Title: Safety Program Coordinator
 24 Hour Emergency Phone # _____

GENERATION AND STORAGE OF BIOHAZARDOUS WASTE:

Describe below the type and quantity of biohazardous waste generated and managed at this facility. SEE SAMPLE PLAN AND ATTACHMENT FOR DEFINITION OF TERMS USED IN THIS PLAN

BIOHAZARDOUS WASTE Sharp Waste Needles/syringes/slides	≤50	Sharps containers	Autoclave	✓		N/A
Non-sharp Waste Articles containing Fluid Blood (gauze, bandages, tubing, etc.)	≤75 ≤25	red bags	Autoclave	✓		N/A
Solids (cultures, lab waste, etc.)	≤175	red bags	Autoclave	✓		N/A
Liquids (cultures, urine, etc.)	≤5	red bags/ flasks	sewer	✓		N/A
Trace chemotherapy waste	∅					
Contaminated animal carcasses	∅					
Other	∅					
MEDICAL SOLID WASTE Gloves, empty specimen containers, gauze with dry blood, treated biohazardous waste	N/A	regular trash bag	N/A	N/A	N/A	locked to dumpster COAST WASTE Mgmt

* If applicable, attach a copy of biohazardous waste hauler contract or Limited Quantity Hauler exemption.

Biohazardous WASTE STORAGE LOCATION: [Please check the appropriate box(es)].

Biohazardous Waste: Inside establishment in secured area Outside in posted, secure area
 Medical Solid Waste: Inside establishment Outside in Locked/secured dumpster

PERSONNEL TRAINING:

All personnel handling biohazardous waste have been trained in all aspects of this management plan. Training includes the legal definition of biohazardous waste, separation and proper storage, transportation, treatment, and disposal of biohazardous waste. Documentation for completed employee training will be kept onsite.

CERTIFICATION STATEMENT:

I certify that the above management plan is complete and accurate, and that this business will adhere to all aspects of the plan. I further understand that any violation of this plan or any applicable law or regulation may result in legal action.

Allison E Fowler SIGNATURE OF RESPONSIBLE PERSON Safety Program Coordinator TITLE
Allison E Fowler NAME OF RESPONSIBLE PERSON (please print or type) 09/18/97 DATE

DISTRIBUTION: WHITE - RETURN TO HMD
 YELLOW - BUSINESS RETAINS

Safety Document #
SD 001Department Number:
00-61500Effective Date:
Nov / 2001

Revision Number: C

Title: **INJURY AND ILLNESS PREVENTION PROGRAM****APPENDIX****LABORATORY SAFETY RULES****General**

1. A strict "No Smoking, Eating, Drinking, or Application of Cosmetics" rule must be followed and enforced in each laboratory area.
2. Food or drink should not be stored anywhere in the laboratory including cabinets, refrigerators, and freezers.
3. Using or being under the influence of alcohol or illegal drugs while working or on company property is prohibited.
4. No open-toed or open-heeled shoes; i.e. sandals, clogs, Birkenstocks, are to be worn while working in the labs or when walking through the labs.
5. Accidents or injuries, no matter how minor or insignificant, should be reported to your manager immediately.
6. Report unsafe conditions you may observe to your manager immediately.
7. If unsure how to operate equipment or perform any assigned task inform your manager before proceeding.
8. Unsafe acts and risk taking will not be tolerated in the laboratories.
9. Visitors and vendors may not enter or remain in laboratories unless accompanied by an employee.

Housekeeping

10. Keep all areas neat and clean. You are responsible for cleaning all equipment used and the area around it in a timely manner. This includes the biological safety cabinets and fume hoods.
11. Thoroughly rinse all materials before you put them on the Media dish cart to be cleaned. If toxic, corrosive, radioactive, or possibly infectious materials have been in the container, you must decontaminate the container before sending to be cleaned.
12. All reagents, chemicals and equipment should be returned to the proper place of storage when work is finished.

Ergonomics

13. If a repetitive task causes you discomfort report it to your supervisor immediately.
14. Do not lift an item that is bulky, awkward, or too heavy to be lifted safely.

Personal Protective Equipment

15. Personal protective equipment should be worn or used as designated by company safety policy, in procedures, or as designated by area. This rule applies to all visitors and contracted workers in areas requiring such protection. The manager of the area will ensure that such equipment is supplied to visitors.
16. Personal protective equipment should fit properly, be replaced when damaged or contaminated, and not be disinfected or re-used if designed to be "disposable".
17. Cuts, abrasions or breaks in the integrity of the skin, especially the hands, whether acquired on or off the job should be properly protected; i.e. band aids, finger cots, or disposable gloves, prior to doing any subsequent work in the lab.
18. Before leaving a laboratory work area, or after removing personal protective equipment (PPE) hands must be thoroughly washed. Keep hands away from your face, mouth and eyes when working with laboratory materials.
19. Mouth pipetting is strictly prohibited in all laboratories.

Emergencies

20. Know where safety equipment; i.e. absorbent spill pads, emergency eyewash, shower, fire extinguisher, and fire blanket, is located and be familiar with the use of such equipment.
21. Know the primary and secondary evacuation routes for the area you are located and where the exits lead. Count the doors to the exits. Know where your safe refuge area is.
22. When the Life System Alarm is activated begin evacuation procedures immediately.

Biohazards

23. All biohazard containers, plastic or bags must be labeled with the company's name and address. When the red, biohazard bags are used to collect contaminated waste, they must be double-bagged with both inner **and** outer bags labeled with the company name and address. **No SHARPS objects can be placed in the biohazard waste bags !**
24. Routinely clean or decontaminate equipment and work surfaces that may come in contact with blood or body fluids. Wear PPE when cleaning contaminated equipment.
25. Use a biological safety cabinet for procedures likely to produce bioaerosols or droplets; i.e. vigorous mixing, blending, etc.

Safety Document #
SD 001Department Number:
00-61500Effective Date:
Nov / 2001

Revision Number: C

Title: **INJURY AND ILLNESS PREVENTION PROGRAM****APPENDIX E (LABORATORY SAFETY RULES Continued)**

26. Centrifuges should be covered and locked when in use. If the centrifuge is designed for use with bucket covers they must be used when centrifuging blood or body fluids.

Radioactive Materials

27. Radioactive material and waste must be handled and disposed of in accordance with the company's Radiation Safety Program. Only authorized users recognized by the Safety Office are permitted to handle radioactive materials.
28. Protect our radioactive material license by ensuring external doors are kept closed and secured.

Sharps

29. Dispose of glass and other sharp waste in puncture-proof containers. Ensure a company address label is affixed to the container.
30. Do not attempt to recap, break, or bend needles before disposing in puncture-proof containers. Manipulation of needles, when necessary, shall be performed using a one-hand technique.
31. All broken glass must be carefully wiped off counters and table tops with a damp cloth to prevent slivers of glass from cutting hands, arms and elbows.

Fire Protection

32. Flammable liquids should be kept in designated storage places and stored only in quantities necessary for current work. If the flammable volume is greater than 500 milliliters it must be stored in a flammable storage cabinet or in a safety can. Flammables may only be stored in refrigerators that are explosion proof.
33. Keep volatile or flammable materials away from flame and heat and use a fume hood when handling these materials. Wear appropriate personal protective equipment when working with volatile materials.
34. The use of extension cords as permanent power supplies is prohibited. Power strips must never be plugged into each other.
35. Do not handle electrical connections with wet hands or when standing on a damp floor. Report defective cords or other defective electrical equipment to Facilities to ensure proper repair or replacement.
36. All new electrical equipment should be evaluated for electrical safety prior to being utilized.
37. Keep Fire Doors closed at all times. Fire Doors have metal arms extending from the top.
38. The width of corridors is regulated by state fire codes and must be kept free and clear to allow a maximum number of occupants along the route in the shortest possible amount of time. Keep corridors free and clear at all times.
39. Do not store combustible materials on the floor.
40. Report defective lights in Exit signs to the Facilities Department.

Hazardous Materials

41. All laboratory materials, bottles, specimens, etc should be plainly labeled. Report any unlabeled items to your supervisor immediately so they can be labeled properly.
42. Know the location of Material Safety Data Sheets for all hazardous materials in your work area.
43. Learn the proper way to store all of our chemicals, and be aware of incompatible chemicals. Chemicals that are incompatible should be separated in storage areas.
44. Be able to recognize chemicals that are hazardous and flammable. Chemicals must be labeled with identification of contents and possible hazards.
45. Concentrated organic solvent wastes, including flammables and silver, must never be discharged to the sewer. Report such wastes to the Safety Coordinator if an established waste stream collection container is not available.
46. Hazardous waste containers must always be stored in secondary containers.
47. Any spills, chemical or otherwise, solid or liquid, must be reported to your supervisor immediately. The spill should be cleaned thoroughly. If the material spilled emits hazardous vapors, the area must be evacuated and the spill cleaned up by personnel using proper protective equipment and materials. Spills of biological fluids should be cleaned up using a fresh 1:10 dilution of household bleach.
48. When mixing acids with water always pour acid into water, never water into acid. Pour strong acids or alkalis slowly down the side of the receiving container to prevent splashing.
49. Use bottle carriers to transport large glass containers of hazardous materials.
50. Gas cylinders must be chained firmly to walls or dollies at all times. Safety glasses must be worn when dispensing gases from cylinders.

Effective Date: November 1998
Title: Bloodborne Pathogen Exposure Control Plan

EMPLOYEE TRAINING → CONDUCTED 1X year.

Maintenance of employee training records is the responsibility of the Safety Department.

- Training under the bloodborne pathogen requirements provides an opportunity for interactive questions and answers with the person conducting the training session. Training and annual re-training is documented and consists of:
 - an explanation of the regulations.
 - epidemiology and symptoms of bloodborne diseases.
 - modes of transmission of bloodborne pathogens,
 - exposure control plan.
 - methods for recognizing tasks and other activities that may involve exposure to blood and other potentially infectious materials.
 - types, use, location, removal, handling, decontamination and disposal of personal protective equipment. + waste materials.
 - use and limitations of methods for preventing or reducing exposure.
 - explanation of the basis for selecting personal protective equipment.
 - safety, efficacy, means of administration and benefits of the Hepatitis B vaccination and the fact that there is no cost to the employee.
 - actions to take and persons to notify in the event of an emergency involving blood or other potentially infectious materials.
 - procedures to follow if an exposure incident occurs and the method of reporting the incident and the medical follow-up that will be made available.
 - post-exposure evaluation and follow-up procedures that are provided for the employee.
 - labels, signs and color codes.

RECORD KEEPING

Maintenance of the following records is the responsibility of the Human Resources Department.

- A medical record will be kept for each employee with occupational exposure to human blood or other potentially infectious materials that includes the name; Social Security Number; Hepatitis vaccination status and dates of vaccination (if any) and medical records relating to the employee's ability to receive this vaccination; copy of the results of examinations, medical testing and follow-up procedures resulting from an exposure incident; a copy of the health care professional's written opinion; and copies of the exposure incident reporting and documentation.
- Medical records will be kept confidential and will not be disclosed or reported without the employee's express written consent to any person within or outside the workplace except as required by the regulation or may be required by law. These records will be maintained for at least the duration of employment plus 30 years.



MEMO

To: Safety Files

From: Daniel Mac Neil – Safety Officer

Date: March 11, 2002

Re: **Closure Plan and Monitoring Schedule for Medical Waste Treatment Area**

Enclosed are the procedures and estimated costs associated with the closure and decontamination of the Media Lab where medical waste treatment is currently performed.

Procedure:	Cost:
1) The sterilizer and related equipment will be disassembled and removed by a Steris Corporation technician.	\$ 550.00
2) The Media Lab will be cleaned by Pegasus Cleaning Services.	\$300.00
3) In-house spore testing will be conducted to determine the presence of any residual biohazardous contamination.	\$100.00
4) Notification of closure to DEH – Hazardous Materials Division.	\$0.00
<hr/>	
Total Cost:	\$950.00

Monitoring Schedule:

-Monitoring is currently performed and documented once a month in the AMSCO sterilizer using sterilization indicators sold by Propper (Temptubes).

These indicators (ampules) are placed in the chamber during sterilization and if a color change is observed then the unit is considered to be working properly.

ATTACHMENT K

Dan MacNeil

From: John Sullivan
Sent: Tuesday, March 26, 2002 3:41
To: Dan MacNeil
Subject: FW: Cold room cleaning

-----Original Message-----

From: Gisella Fernandez [mailto:gisella@pegasusbuidingservices.com]
Sent: Tuesday, March 26, 2002 2:51 PM
To: John Sullivan
Cc: Anna Cervantes
Subject: Cold room cleaning

John,

Good afternoon. Anna asked to give you the cost for the cleaning and sanitizing the cold room. It was \$150.00.

Respectfully,

Gisella Fernandez

Estimate 2X size
of original area.
for media LAB.



2/16/96 mt

COUNTY OF SAN DIEGO

file

ESP NUMBER H 36185 19659 ^{MT}

DATE 2 1 8 196

PAGE 1 OF 3

BUS CODE K67

SPECIALIST Matt Trainer

CONTACT Randal Rasmussen

TITLE Industrial Hygienist

PHONE ✓ 625-2414

COMPLIANCE INSPECTION REPORT

BUSINESS NAME Depotech Corporation

ADDRESS 11025 N Torrey Pines Rd

CITY/ZIP La Jolla CA 92037

On the above date an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (H&S) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

Processed 3/29/96 HSC

Office Use Only

R

Violations : MAR 0 5 1996

1) Clear plastic bags of trash were observed piled up in front of two 55 gallon black metal drums containing hazardous waste carbon with chloroform (next to dumpster area in front of receiving).

To comply: Keep areas around hazardous waste drums free of obstructions to provide for emergency access and inspection.

2) Drums of hazardous waste, chloroform, 3 bottles of expired sodium hydroxide, and 2 bottles of expired sulfuric acid are stored in the same storage cabinet (receiving area).

To comply: segregate incompatible wastes and materials with secondary containment and/or separate storage areas.

3) Hazardous materials business plan is not maintained on site at 11025 N. Torrey Pines Rd. Plan is kept at 10450 Science Center Dr.

To comply: Maintain a copy of the business plan on site for immediate access and review.

Randal R. Rasmussen
Signature of Business Representative

Industrial Hygienist
Title

Department of Environmental Health, Hazardous Materials Management Division, P.O. Box 85261, San Diego, CA, 92186-5261

(619) 338-2222



COUNTY OF SAN DIEGO

EST. NUMBER H 36185
1965 MT
DATE 2 1 8 196
PAGE 2 OF 3

SUPPLEMENTAL INSPECTION REPORT

Office Use Only

BUSINESS ADDRESS: 11016 N Torrey Pines Rd ZIP CODE: 92037

Remarks:

- Submit a revised hazardous materials business plan within 5 days (by 2/15/96). Include emergency contacts - home phone/address, current inventory, site map revisions (as discussed), emergency response plan (as discussed), and employee training summary (as discussed). Keep a copy on site.
- Medical waste and hazardous waste disposal records, and employee training records were reviewed on site.
- HSC Chapter 6.1 requires medical waste tracking documents to include the quantity of waste transported.
- Obtain a Federal EPA # if your current rate of generation requires a new EPA #.

Ronald M. Run
Signature of Business Representative

Industrial Hygienist
Title

Department of Health Services, Environmental Health Services, Hazardous Materials Management Division, PO Box 85261, San Diego, CA, 92188-5261

(619) 338-2222



COUNTY OF SAN DIEGO

ES NUMBER H 36185

COMPLIANCE INSPECTION REPORT

DATE 21 8 196PAGE 3E OF 3BUSINESS ADDRESS: 11011 N Torrey Pines Rd La Jolla CA 92037

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19/22/23 of the California Code of Regulations (CCR), Chapters 6.5, 6.7, 6.95 of the Health and Safety Code (HSC), and/or the San Diego County Code (SDCC).

I HAZARDOUS WASTE REQUIREMENTS:

RECORD KEEPING

- Health Permit not obtained SDCC 88.905 **V0108 W**
- No EPA Identification Number 66262.12 **V0105 W**
- Waste Manifests/Receipts not on-site for 3 years 66262.40 **V0118 W**
- Manifest not properly completed 66262.23 **V0120 W**
- Manifest copy not sent to CAL-EPA 66262.23 **V0115 W**
- TSDf signed-manifest not on-site 66262.40 **V0121 W**
- Biennial report not sent to CAL-EPA 66262.41 **V0122 W**
- LDR Documentation not available 66268.7 **V0123 W**
- Exception Rpt. not filed with CAL-EPA 66262.42 **V0116 W**
- Operating TSDf without authorization 25201 **V0124 W**

STORAGE AND HANDLING

- Waste stored longer than 90 days 66262.34 **V0221 W**
- Waste container missing/improperly labeled 66262.34 **V0222 W**
- Haz Materials not properly labeled 25124 **V0223 W**
- Waste container not kept closed 66265.173 **V0202 W**
- Waste container in poor condition 66265.171 **V0205 W**
- Waste container(s) not properly managed 66265.173 **V0210 W**
- Damaged container not repackaged 66265.171 **V0226 W**
- Container incompatible with waste 66265.172 **V0207 W**
- Incompatibles in the same container 66265.177 **V0224 W**
- Incompatibles not stored separately 66265.177 **V0213 W**
- Ignitable Wastes less than 60 feet 66265.176 **V0214 W**
- Ignitable Wastes not grounded 66265.31 **V0215 W**
- Storage area not inspected weekly 66265.174 **V0216 W**

DISPOSAL AND TRANSPORTATION

- Unauth. disposal of waste to 25189.5 **V0313 W**
- Waste determination not made 66262.11 **V0319 W**
- Unlawful transport of haz. waste 25163 **V0315 W**
- Waste transported without manifest 66262.20 **V0316 W**
- No Extremely Haz. Waste Permit 67430.1 **V0317 W**

TRAINING, CONTINGENCY PLAN & EMERGENCY PROCEDURES

- Training records unavailable 66265.18 **V0405 W**
- Training program not adequate 66265.18 **V0406 W**
- Facility not designed to minimize release 66265.31 **V0501 W**
- Spill control equip not available 66265.32 **V0508 W**
- Aisle space is obstructed 66265.35 **V0509 W**
- Contingency plan not prepared and/or on file 66265.51, 66265.53 **V0609 W**

MISCELLANEOUS

- Waste oil contaminated 25250.7 **V0225 W**
- Used oil filters improperly managed 66266.130 **V0701 W**
- Damaged batteries improperly managed 66266.81 **V0702 W**

II UNDERGROUND STORAGE TANK (UST) REQUIREMENTS:

GENERAL UST REQUIREMENTS

- Health Permit not obtained 68.1005, 25284 **V3002 T**
- Repair/modify/close permit not obtained 68.1005 **V3007 T**
- UST Permit Application not submitted 25286(a) **V3010 T**
- Operating permit conditions violated 2712 **V3011 T**
- Failed to notify HMMD of changes 25284 **V3012 T**
- No owner/operator agreement 25293 **V3005 T**
- No records of financial coverage 25292.2 **V3013 T**
- No maint/monit/calib records available 2712(b), 2641i **V3001 T**

MONITORING REQUIREMENTS (SINGLE WALL)

- Leak Detection Method does not meet performance standards 2643 **V3014 T**
- Annual integrity test not conducted 25292 **V3015 T**
- Copy of tank test not submitted to HMMD within 30 days 2643 **V3016 T**
- Manual tank gauging (<2000 gal) 2645 not done properly **V3017 T**
- Reconciliation not done properly 2648 **V3018 T**
- Reconciliation not approved for facility 2648 **V3019 T**
- Dispenser meter(s) not calib annually 2646 **V3020 T**
- Improper liquid measurements 2646 **V3021 T**
- Stick in poor condition 2646 **V3022 T**
- Improper monthly reconciliation 2646 **V3023 T**
- Failed to report excessive variation 2648 **V3024 T**
- Pressurized Product Piping Leak Device not tasted annually 25292 **V3025 T**

MONITORING REQUIREMENTS (DOUBLE WALL)

- Monitoring system not functional 2632 **V3026 T**
- No written monitoring procedure 2632 **V3027 T**
- Written response plan not available 2632 **V3028 T**
- Spill/Overfill equip. not maintained or installed 2635 **V3029 T**

RELEASE REPORTING

- Failure to report an unauthorized release 25295 **V3009 T**
- Release record log not available 2651, 2650 **V3030 T**
- No leak report/investigation/action 2652 **V3031 T**

CLOSURE

- Temporary closure req. not completed 2671 **V3006 T**
- Abandoned tank not properly closed 25298 **V3032 T**
- Permanent closure req. not completed 2672 **V3033 T**

III HAZARDOUS MATERIALS BUSINESS PLAN REQUIREMENTS:

RECORD KEEPING

- Health Permit not obtained SDCC 68.1105 **V2001 W**
- Business Plan not established/implemented 25503.5 **V2002 W** *not maintained on site*
- Business Plan not submitted to HMMD 25505 **V2007 W**
- Business Plan not amended 25505 **V2003 W**
- Personnel Training Records not available 2732 **V2302 W**

RELEASE REPORTING

- Failure to report a release/threatened release 25507 **V2008 W**

BUSINESS PLAN ELEMENTS

- Emergency Response Plan inadequate 25504 **V2201 W**
- Emergency Contacts not provided/current 25509 **V2203 W**
- Personnel Training Program inadequate 25504 **V2301 W**
- Inventory is incomplete 25504 **V2005 W**
- Site Map is not sufficient 25509 **V2202 W**
- Acutely Haz. Mat. not registered 25533 **V2009 W**

An inspection summary report will be mailed shortly. All violations must be corrected. Please call (619) 338-2222 if you have any questions.

Rodney R. Rawson
ESTABLISHMENT REPRESENTATIVE

Industrial Hygienist
TITLE

Department of Health Services, Environmental Health Services, Hazardous Materials Management Division, P.O. Box 85261, San Diego, CA 92186-5261

DISTRIBUTION: WHITE-RETURN TO HMMD
YELLOW-BUSINESS RETAINS

From: Matt Trainor (MTRAIN)
To: SPIMEN
Date: Friday, February 16, 1996 11:34 am
Subject: Depotech H19659

File H36185

RE: Delinquent fee
Depotech Corp.
11025 N Torrey Pines Rd.
La Jolla, CA 92037

On 2/8/96 I did an inspection of Depotech (H19659) at 11011/11025 Torrey Pines Rd, La Jolla 92037. This H# permit covered both the 11025 and 11011 sites for Depotech. In October of 1995, Depotech moved out of the 11025 address but remained in the 11011 address. The October 1995 Health Permit payment from Depotech was credited to the wrong permit (H35405). H35405 has been billed for payment in February 1996.

Please credit the 1995 payment to the new H# (H36185) and keep the expiration date as 10/31. H36185 was just assigned to Depotech as of the 2/8/96 inspection.

Sincerely,

Matt Trainor 694-2875





NO SW

lit 36105 (copy)
NO CP
input 2/13/97

City of San Diego
Building Inspection Department

Hazardous Materials Questionnaire

Business Name <i>DepoTech Corporation</i>	Contact Person <i>Randal Rasmussen</i>	Telephone <i>(619) 625-2424</i>
Mailing Address <i>10450 Science Center Dr.</i>	City <i>San Diego</i>	State <i>CA</i>
Project Address <i>11011 N. Torrey Pines Rd.</i>	City <i>La Jolla</i>	State <i>CA</i>

PART I: CITY OF SAN DIEGO FIRE DEPARTMENT - HAZARDOUS MATERIALS MANAGEMENT DIVISION: OCCUPANCY CLASSIFICATION

Indicate, by circling the item, whether your business will or did process or store any of the following hazardous materials. If any of the items are checked off, applicant must contact the Fire Department-Hazardous Materials Management Division, 1222 First Ave., San Diego, CA 92101 - 4th Floor - Telephone (619) 236-6883 (except item #15).

- | | | |
|-------------------------------------|----------------------------------|-------------------------------------|
| 1. Explosives or Blasting Agents | 6. Oxidizers | 13. Highly Toxic or Toxic Materials |
| 2. Compressed Gases | 7. Pyrophorics | 14. Radioactives |
| 3. Flammable or Combustible Liquids | 8. Unstable (reactive) Materials | 15. Corrosives |
| 4. Flammable Solids | 9. Water-Reactives | 16. Other Health Hazards |
| 5. Organic Peroxides | 10. Cryogenics | 17. None of These Items |

PART II: COUNTY OF SAN DIEGO HEALTH DEPARTMENT - HAZARDOUS MATERIALS MANAGEMENT DIVISION: CONTINGENCY PLAN REVIEW

If the answer to any of the questions is yes, applicant must contact the County of San Diego Health Department Hazardous Materials Management Division, 1225 Imperial Avenue, 3rd floor, San Diego, CA 92138. Telephone (619) 338-2222 prior to the issuance of a building permit. (FEE MAY BE REQUIRED)

- | | | |
|--|-------------------------------------|--|
| YES | NO | |
| 1. <input checked="" type="checkbox"/> | <input type="checkbox"/> | Is your business type listed on the reverse side of this form? |
| 2. <input checked="" type="checkbox"/> | <input type="checkbox"/> | Will your business dispose of Hazardous Substances or Medical Wastes in any amount? |
| 3. <input checked="" type="checkbox"/> | <input type="checkbox"/> | Will your business store, or handle Hazardous Substances in quantities equal to or greater than 55 gallons, 500 pounds or 200 cubic feet or carcinogens/reproductive toxins in any quantity? |
| 4. <input type="checkbox"/> | <input checked="" type="checkbox"/> | Will your business use an existing, or install an underground storage tank? |
| 5. <input checked="" type="checkbox"/> | <input type="checkbox"/> | Will your business store, use or handle carcinogens, reproductive toxins, or Acutely Hazardous Materials? |
| 6. <input type="checkbox"/> | <input type="checkbox"/> | For Demolition Permits Only: Does the building or structure for which this demolition permit is requested contain any friable asbestos? |

OFFICE USE ONLY

RMPP Exempt
Date / Initials

RMPP Required
Date / Initials

RMPP Completed
Date / Initials

PART III: SAN DIEGO AIR POLLUTION CONTROL DISTRICT

If the answer to any of the questions is yes, applicant must contact the Air Pollution Control District, 9150 Chesapeake Drive, San Diego, CA 92113. Telephone (619) 694-3307 prior to the issuance of a building permit.

- | | | |
|-----------------------------|-------------------------------------|---|
| YES | NO | |
| 1. <input type="checkbox"/> | <input checked="" type="checkbox"/> | Will the intended occupant install or use any of the equipment listed on the Listing of Air Pollution Control District Permit Categories, on the reverse side of this form. |
| 2. <input type="checkbox"/> | <input type="checkbox"/> | (ANSWER ONLY IF THE ANSWER TO QUESTION 1 IS YES.) Will the subject facility be located within 1,000 feet of the outer boundary of a school (K thru 12) as listed in the current Directory of School and Community College Districts, published by the San Diego County Office of Education and the current California Private School Directory, compiled in accordance with provisions of Education Code Section 33190. |
| 3. <input type="checkbox"/> | <input type="checkbox"/> | For Demolition Permits Only: Does the building or structure for which this demolition permit is requested contain any friable asbestos? |

Briefly Describe Nature of the intended Business Activity: *add of water tank (1900 gal); 1st floor.*

Pharmaceutical manufacturing -

Name of Owner or Authorized Agent: *Randal Rasmussen*

Signature of Owner or Authorized Agent: I declare under penalty of perjury that to the best of my knowledge and belief the responses made herein are true and correct. *Randal B. Rasmussen* Date: *5-20-97*

DO NOT WRITE BELOW THIS LINE

FIRE DEPARTMENT OCCUPANCY CLASSIFICATION: *Group B*

BY: *[Signature]* Date: *21 MAY 97*

EXEMPT FROM PERMIT REQUIREMENTS COUNTY HMMD	APCD	APPROVED FOR BUILDING PERMIT BUT NOT FOR OCCUPANCY COUNTY HMMD	APCD	APPROVED FOR OCCUPANCY COUNTY HMMD	APCD
				<p><i>Final RPAC 7/97</i></p> <p><i>PER AB 3205 FINALED 11/12/97</i></p>	



City of San Diego
Building Inspection Department

Hazardous Materials Questionnaire

1736185 (K)
NO 20
input 2/13/97

Business Name DepoTech Corporation	Contact Person Randal Rasmussen	Telephone (619) 625-2424 x 3111		
Mailing Address 10450 Science Center Dr.	City San Diego	State CA	Zip 92121	Plan File # A103206-92
Project Address 11011 N. Torrey Pines Rd.	City LaJolla	State CA	Zip 92039	Permit #

PART I: CITY OF SAN DIEGO FIRE DEPARTMENT - HAZARDOUS MATERIALS MANAGEMENT DIVISION: OCCUPANCY CLASSIFICATION

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- | | | |
|------------------------------------|----------------------------------|-----------------------------------|
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- | | | |
|-------------------------------------|-------------------------------------|---|
| YES | NO | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1. Is your business type listed on the reverse side of this form? |
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OFFICE USE ONLY

RMPP Exempt
Date / Initials

RMPP Required
Date / Initials

RMPP Completed
Date / Initials

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- | | | |
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Pharmaceutical manufacturing -

Name of Owner or Authorized Agent:

Randal Rasmussen

Signature of Owner or Authorized Agent: I declare under penalty of perjury that to the best of my knowledge and belief the responses made herein are true and correct.

Randal B. Rasmussen

Date: *5-20-92*

DO NOT WRITE BELOW THIS LINE

FIRE DEPARTMENT OCCUPANCY CLASSIFICATION: *Group B*

BY: _____

Date: *21 MAY 97*

EXEMPT FROM PERMIT REQUIREMENTS COUNTY HMMD	APPROVED FOR BUILDING PERMIT BUT NOT FOR OCCUPANCY COUNTY HMMD	APPROVED FOR OCCUPANCY COUNTY HMMD	APCD	APCD



COUNTY OF SAN DIEGO

EST. NUMBER H 36185 -
DATE 2/13/97
PAGE 1 OF 2
BUS CODE K67
SPECIALIST E. PAREDES
CONTACT RANDAL RASMUSSEN
TITLE INDUSTRIAL
PHONE 625-2454 HYGIENIST

COMPLIANCE INSPECTION REPORT

BUSINESS NAME DEPOTECH CORPORATION
ADDRESS 11011 N TORREY PINES RD
CITY/ZIP LA JOLLA 92037

On the above date an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (H&S) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

P: 3/13/97

FEB 25 1997

CLD

Office Use Only

ROUTINE INSPECTION

1) HAZARDOUS WASTE MANIFESTS FOR THE WASTE HALOGENATED SOLVENTS AND WASTE CARBON/CHLOROFORM ARE NOT ON SITE, MAINTAIN HAZARDOUS WASTE MANIFESTS AT FACILITY WHERE THESE HAZARDOUS WASTES ARE GENERATED AND STORED. HAZARDOUS WASTE MANIFESTS ARE LOCATED AND WERE REVIEWED AT 10450 SCIENCE CENTER DR, LAJOLLA LOCATION.

2) OBSERVED ONE - 1 GALLON CONTAINER OF CHLOROFORM WASTE AND ONE - 1 GALLON CONTAINER OF ALCOHOL WASTE INCORRECTLY LABELED. LABEL THESE CONTAINERS WITH COMPLETED HAZARDOUS WASTE LABELS.

REMARKS:

- HAZARDOUS MATERIALS BUSINESS PLAN ON SITE. RECEIVED COPY.
- EMPLOYEE TRAINING DOCUMENTATION OBSERVED.
- VERIFIED HAZARDOUS MATERIALS INVENTORY.

[Signature]

Signature of Business Representative

[Signature]

Title

Department of Environmental Health, Hazardous Materials Management Division, P.O. Box 85261, San Diego, CA, 92186-5261

(619) 338-2222



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

EST. NUMBER H 36185
 DATE 2-13-97
 PAGE 2 OF 2
 BUSINESS ADDRESS: 11011 N TORREY PINES RD LA JOLLA 92037

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19/22/23 of the California Code of Regulations (CCR), Chapters 6.5, 6.7, 6.95 of the Health and Safety Code (HSC), and/or the San Diego County Code (SDCC).

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- Manifest not properly completed 66262.23
- Manifest copy not sent to DTSC 66262.23
- TSDF signed-manifest not on-site 66262.40
- Biennial report not sent to DTSC 66262.41
- LDR Documentation not available 66268.7
- Exception Rpt. not filed with DTSC 66262.42
- Operating TSDF without authorization 25201

STORAGE AND HANDLING

- Waste stored longer than 90, 180, or 270 days 66262.34
- Failure to clean up hazwaste off of floor surface 66262.10b
- Waste container missing/improperly labeled 66262.34
- Haz Materials not properly labeled 25124
- Waste container not kept closed 66265.173
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- Damaged container not repackaged 66265.171
- Container incompatible with waste 66265.172
- Incompatibles in the same container 66265.177
- Incompatibles not stored separately 66265.177
- Ignitable Waste less than 50 feet 66265.176
- Ignitable Waste not grounded 66265.31
- Storage area not inspected weekly 66265.174

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- Waste determination not made 66262.11
- Unlawful transport of haz. waste 25163
- Waste transported without manifest 66262.20
- Extremely Haz Waste Permit not obtained 25205.7

TRAINING, CONTINGENCY PLAN & EMERGENCY PROCEDURES

- Training records unavailable 66265.16
- Training program not adequate 66265.16
- Facility not designed to minimize release 66265.31
- Spill control equip not available 66265.32
- Aisle space is obstructed 66265.35
- Contingency plan not prepared and/or on file 66265.51, 66265.53

MISCELLANEOUS

- Waste oil contaminated 25250.7
- Used oil filters improperly managed 66266.130
- Damaged batteries improperly managed 66266.81
- Facility has failed to notify local CUPA and DTSC of onsite treatment of hazardous waste (tiered permitting)
- Onsite treatment of waste without authorization 25201

III HAZARDOUS MATERIALS BUSINESS PLAN REQUIREMENTS:

RECORD KEEPING

- Health Permit not obtained SDCC 68.1105
- Business Plan not established/implemented 25503.5
- Business Plan not submitted to HMMMD 25505
- Business Plan not amended 25505
- Personnel Training Records not available 19 CCR 2732

RELEASE REPORTING

- Failure to report a release/threatened release 25507

II UNDERGROUND STORAGE TANK (UST) REQUIREMENTS:

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- Failed to notify HMMMD of changes 25284
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- No records of financial coverage 25292.2
- No maint/monit/calib records available 2712(b), 2641(j)
- Monitoring Equip. not tested annually 2630, 2641

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- Stick in poor condition 2646
- Improper monthly reconciliation 2646
- Failed to report excessive variation 2646
- Pressurized Product Piping Leak Device not tested annually 25292
- No written monitoring procedure 2641
- No written emergency response plan 2641
- SIR reporting incorrectly done 2646.1

MONITORING REQUIREMENTS (DOUBLE WALL)

- Monitoring system not functional 2632
- No written monitoring procedure 2632
- Written emergency response plan not available 2632
- Spill/Overfill equip. not maintained or installed 2635

RELEASE REPORTING

- Failure to report an unauthorized release 25295
- Release record log not available 2651, 2650
- No leak report/investigation/action 2652

CLOSURE

- Temporary closure req. not completed 2671
- Unused tank not properly closed 25298
- Permanent closure req. not completed 2672
- Failed to apply for temporary closure 25298

BUSINESS PLAN ELEMENTS

- Emergency Response Plan inadequate 25504
- Emergency Contacts not provided/current 25509
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- Inventory is incomplete 25504
- Site Map is not sufficient 25509
- Acutely Haz. Mat. not registered 25533

ALL VIOLATIONS MUST BE CORRECTED. PLEASE CALL (619) 338-2222 OR YOUR INSPECTOR IF YOU HAVE ANY QUESTIONS.

[Signature] ESTABLISHMENT REPRESENTATIVE 2-13-97 DATE SIGNED IH TITLE

Department of Environmental Health, Hazardous Materials Management Division, P. O. Box 85261, San Diego, CA 92186-5261



EST. NO. H 36/85
 DATE 7/17/98
 TIME START 1:33 END 4:27
 BUS. CODE K67
 SPECIALIST E. PAREDES
 CONTACT PAUL EIDER
 TITLE FACILITIES MGR
 PHONE 625-2424

COMPLIANCE INSPECTION REPORT

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JUL 21 1998

P: 7/22/98 (C)

Office Use Only

ROUTINE INSPECTION VIOLATIONS:

1) MEDICAL WASTE MGMT PLAN IS UNAVAILABLE. ANNUALLY UPDATE AND MAINTAIN ON SITE THE MEDICAL WASTE MGMT PLAN. WITHIN 15 DAYS, COMPLETE AND SUBMIT A COPY OF THIS PLAN TO THE ADDRESS BELOW.

2) THERE ARE TWO-30 GALLON WASTE PHARMACEUTICAL DRUMS LABELED "EXPIRED PHARMACEUTICAL WASTE." LABEL PHARMACEUTICAL WASTE DRUMS WITH THE WORDS "INCINERATION ONLY."

REMARKS:

- HAZARDOUS MATERIALS BUSINESS PLAN ON SITE.
- HAZARDOUS WASTE MANIFESTS ON FILE.
- MEDICAL WASTE TRACKING DOCUMENTS ON FILE.
- EMPLOYEE TRAINING DOCUMENTATION OBSERVED.
- HEALTH PERMIT EXPIRES 5-31-99.

P. Eider

Signature of Business Representative

17 July 98

Date Signed

Facilities Mgr.

Title

Department of Environmental Health, Hazardous Materials Management Division, P.O. Box 129261, San Diego, CA, 92112-9261

(619) 338-2222



COUNTY OF SAN DIEGO

EST. NUMBER H 36185

COMPLIANCE INSPECTION REPORT

DATE 7/17/98

PAGE 3 OF 3

BUSINESS ADDRESS: 11011 N TORREY PINES RD LA JOLLA 92037

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- Damaged container not repackaged 66265.171 **V0226 W**
- Container incompatible with waste 66265.172 **V0207 W**
- Incompatibles in the same container 66265.177 **V0224 W**
- Incompatibles not stored separately 66265.177 **V0213 W**
- Ignitable Waste less than 50 feet 66265.176 **V0214 W**
- Ignitable Waste not grounded 66265.31 **V0215 W**
- Storage area not inspected weekly 66265.174 **V0216 W**

DISPOSAL AND TRANSPORTATION

- Unauth. disposal of waste to 25189.5 **V0313 W**
- Waste determination not made 66262.11 **V0319 W**
- Unlawful transport of haz. waste 25163 **V0315 W**
- Waste transported without manifest 66262.20 **V0316 W**
- Extremely Haz Waste Permit not obtained 25205.7 **V0317 W**

TRAINING, CONTINGENCY PLAN & EMERGENCY PROCEDURES

- Training records unavailable 66265.16 **V0405 W**
- Training program not adequate 66265.16 **V0406 W**
- Facility not designed to minimize release 66265.31 **V0501 W**
- Spill control equip not available 66265.32 **V0508 W**
- Aisle space is obstructed 66265.35 **V0509 W**
- Contingency plan not prepared and/or on file 66265.51, 66265.53 **V0609 W**

MISCELLANEOUS

- Waste oil contaminated 25250.7 **V0225 W**
- Used oil filters improperly managed 66266.130 **V0701 W**
- Damaged batteries improperly managed 66266.81 **V0702 W**
- Facility has failed to notify local CUPA and DTSC of onsite treatment of hazardous waste (tiered permitting) **V0125 W**
- Onsite treatment of waste without authorization 25201 **V0125 W**

II UNDERGROUND STORAGE TANK (UST) REQUIREMENTS:

GENERAL UST REQUIREMENTS

- Health Permit not obtained 68.1005, 25284 **V3002 T**
- Repair/modify/close permit not obtained 68.1005 **V3007 T**
- UST Permit Application not submitted 25286(a) **V3010 T**
- Operating permit conditions violated 2712 **V3011 T**
- Failed to notify HMMD of changes 25284 **V3012 T**
- No owner/operator agreement 25284 **V3005 T**
- No records of financial coverage 25292.2 **V3013 T**
- No maint/monit/calib records available 2712(b), 2641(j) **V3001 T**
- Monitoring Equip. not tested annually 2630, 2641 **V3003 T**

MONITORING REQUIREMENTS (SINGLE WALL)

- Leak Detection Method does not meet performance standards 2643 **V3014 T**
- Integrity test not conducted 25292 **V3015 T**
- Copy of tank test not submitted to HMMD within 30 days 2643 **V3016 T**
- Manual tank gauging (<2000 gal) 2645 not done properly **V3017 T**
- Reconciliation not done properly 2646 **V3018 T**
- Reconciliation not approved for facility 2646 **V3019 T**
- Dispenser meter(s) not calib annually 2646 **V3020 T**
- Improper liquid measurements 2646 **V3021 T**
- Stick in poor condition 2646 **V3022 T**
- Improper monthly reconciliation 2646 **V3023 T**
- Failed to report excessive variation 2646 **V3024 T**
- Pressurized Product Piping Leak Device not tested annually 25292 **V3025 T**
- No written monitoring procedure 2641 **V3027 T**
- No written emergency response plan 2641 **V3027 T**
- SIR reporting incorrectly done 2646.1 **V3004 T**

MONITORING REQUIREMENTS (DOUBLE WALL)

- Monitoring system not functional 2632 **V3026 T**
- No written monitoring procedure 2632 **V3027 T**
- Written emergency response plan not available 2632 **V3028 T**
- Spill/Overfill equip. not maintained or installed 2635 **V3029 T**

RELEASE REPORTING

- Failure to report an unauthorized release 25295 **V3009 T**
- Release record log not available 2651, 2650 **V3030 T**
- No leak report/investigation/action 2652 **V3031 T**

CLOSURE

- Temporary closure req. not completed 2671 **V3006 T**
- Unused tank not properly closed 25298 **V3032 T**
- Permanent closure req. not completed 2672 **V3033 T**
- Failed to apply for temporary closure 25298 **V3008 T**

III HAZARDOUS MATERIALS BUSINESS PLAN REQUIREMENTS:

RECORD KEEPING

- Health Permit not obtained SDCC 68.1105 **V2001 W**
- Business Plan not established/implemented 25503.5 **V2002 W**
- Business Plan not submitted to HMMD 25505 **V2007 W**
- Business Plan not amended 25505 **V2003 W**
- Personnel Training Records not available 19 CCR 2732 **V2302 W**

RELEASE REPORTING

- Failure to report a release/threatened release 25507 **V2008 W**

BUSINESS PLAN ELEMENTS

- Emergency Response Plan inadequate 25504 **V2201 W**
- Emergency Contacts not provided/current 25509 **V2203 W**
- Personnel Training Program inadequate 25504 **V2301 W**
- Inventory is incomplete 25504 **V2005 W**
- Site Map is not sufficient 25509 **V2202 W**
- Acutely Haz. Mat. not registered 25533 **V2009 W**

ALL VIOLATIONS MUST BE CORRECTED. PLEASE CALL (619) 338-2222 OR YOUR INSPECTOR IF YOU HAVE ANY QUESTIONS.

P. Egan
ESTABLISHMENT REPRESENTATIVE

17 July 98
DATE SIGNED

Facility Mgr.
TITLE

Department of Environmental Health, Hazardous Materials Management Division, P. O. Box 129261, San Diego, CA 92112-9261

DISTRIBUTION: WHITE-RETURN TO HMMD
YELLOW-BUSINESS RETAINS



COUNTY OF SAN DIEGO

EST. NUMBER H 36185
DATE 7/17/98
PAGE 3 OF 3

MEDICAL WASTE GENERATOR REQUIREMENTS

BUSINESS ADDRESS: 11011 N TORREY PINES RD LA JOLLA, CA ZIP: 92037

VIOLATION REPORT: The items checked below refer to specific section numbers of the California Health and Safety Code Sections 25100 and 117600 et. al.; the San Diego County Code of Regulatory Ordinances Sections 68.1201 et. al.; and the California Code of Regulations, Title 22 Sections 65600 et. al. and 66262.10 et. al. All violations must be corrected. Please call (619) 338-2222 or your Inspector if you have any questions.

GENERAL REQUIREMENTS:

- [] An Environmental Health Permit as a medical waste generator has not been obtained. 68.1203, 68.1204, and 117705 V4101 W
[] Unlawful disposal of untreated medical waste to an unauthorized point. 118340 V4102 W
[] Improper treatment of medical waste using an unapproved method or procedure. 118215 V4103 W
[] Medical SOLID WASTE is not stored in a locked trash receptacle or enclosure so as to deny access to unauthorized persons. 68.1202 V4104 W
[] Improper clipping or cutting of sharps waste at the point of generation. 68.1205 V4105 W
[] Medical waste was not separated from other waste at the point of origin. 118275 V4106 W
[] Generator has not maintained reusable containers/bins for medical waste storage in a clean and sanitary manner. 118295 and 118305 V4107 W
[] Storage time exceeded for frozen medical waste, e.g. greater than 90 days. 118280 V4108 W
[] Generator did not clean-up a leak or spill of medical waste in an approved manner. 118300 V4109 W
[] Generator has not secured the enclosure or designated accumulation area for medical waste containers so as to deny access to unauthorized persons. 118310 V4110 W
[] Operator did not post an approved and legible biohazardous waste "warning sign" in English and Spanish at the waste storage area(s). 118310 V4111 W
[] Generator did not store medical waste in approved and properly marked red bags (non-sharps). 118275 V4112 W
[] Did not place a label with the generator's name, address, and phone number on the outside of the red bag and/or sharps container. 68.1201 and 68.1205 V4113 W
[] Generator did not store sharps waste in approved and properly marked sharps container. 118275 V4114 W
[] Transportation of medical waste without State Hauler Registration or without a limited-quantity hauling exemption from County HMMD. 118025 V4115 W
[] Generator did not have standardized written operating procedures for a steam sterilizer available onsite. 118215 V4116 W
[] Did not have recording thermometer checked for calibration annually. 118215 V4117 W
[] Generator did not maintain records of thermometer calibration checks for at least 3 years. 118215 V4118 W
[] Operator did not use heat-sensitive tape or other approved method for each load of medical waste treated onsite. 118215 V4119 W
[] Need to use a biological indicator or other approved method at least once a month to confirm proper disinfection conditions. 118215 V4120 W
[] Must tie-off red bags to prevent leakage or expulsion of contents during handling and storage. 118280 V4121 W
[] Did not containerize and place red bags in rigid, leak resistant, and covered containers or bins. 118280 V4122 W
[] Must have waste container/bin labeled on the lid and side so as to be clearly visible. 118280 V4123 W
[] Did not tape closed or tightly-lid a full sharps container ready for disposal, to preclude loss of contents. 118285 V4124 W

- [] Maximum holding time exceeded for non-putrescible medical waste, e.g. greater than 180 days. 68.1203 V4033 W

LARGE QUANTITY WASTE GENERATORS:

- (> 200 pounds of waste in a month)
[] Medical Waste Management Plan has not been submitted to County HMMD (Annual Requirement). 117960 and 68.1206 V4034 W
[] Must maintain and show proof of "onsite" medical waste treatment records for 3 years. 118215 and 117975 V4035 W
[] Generator did not retain on file disposal receipts and/or tracking documents for waste shipped offsite for at least 3 years. 117975 V4036 W
[] Storage time exceeded for full sharps container(s), e.g. greater than 7 days at room temperature. 118285 V4037 W
[] Storage time exceeded for red bag waste, e.g. more than 7 days at room temperature. 118280 V4038 W

PATHOLOGY WASTE AND CHEMOTHERAPY WASTE HANDLING:

- [] Did not segregate chemotherapy waste from other medical waste. 118275 V4039 W
[] Generator did not label container holding chemotherapy waste with the words "chemotherapy waste" or other approved markings on the lid and sides. 118275 V4040 W
[] Did not segregate pathology waste from other medical waste. 118275 V4041 W
[] Generator did not label container holding pathology waste with the words "pathology waste" or other approved markings on the lid and side. 118275 V4042 W
[] Unlawful disposal of pathology waste or chemotherapy waste to an unauthorized point. 118340 V4043 W

PHARMACEUTICAL WASTE HANDLING:

- [] Generator did not segregate pharmaceutical waste from other medical waste. 118275g V4044 W
[] Generator did not label container holding pharmaceutical waste with the words "incineration only" or other approved markings on the lid and side. 118275g V4045 W
[] Storage time exceeded for pharmaceutical waste, e.g. more than 90 days. (> 10 pounds per calendar year generated) 118280e V4046 W
[] Very small quantity generator of pharmaceutical waste (e.g. < 10 pounds waste /calendar year) improperly storing waste for longer than one year. 118280e V4047 W
[] Unlawful disposal of pharmaceutical waste to an unauthorized point. 118340 and 118222 V4048 W

ON-SITE MEDICAL WASTE TREATMENT FACILITY REQUIREMENTS:

- [] Operator has not obtained an onsite medical waste treatment permit from the County. 117950, 118130, 118155, and CCR 65620 V4049 W
[] Must maintain an updated and complete copy of the medical waste treatment permit onsite and available for review. CCR 65621(f), 65623, 118165, and 118180 V4050 W
[] Did not comply with a condition of the medical waste treatment permit issued by the County. CCR 65623 V4051 W

PHOTOCHEMICAL and HAZARDOUS WASTE MGMT. AND DISPOSAL:

- [] Illegal disposal of photoprocessing/ hazardous waste to the sewer, trash, etc. 25189.5 V4052 W
[] Generator has not maintained waste disposal records, e.g. manifests/milk-run receipts, onsite for 3 years. 66262.40 V4053 W
[] Generator has not obtained an EPA Identification Number from the State DTSC for hazardous waste generation, e.g. photoprocessing/hazardous waste. 66262.12 V4054 W
[] Generator did not properly label the container holding hazardous waste. 66262.34 V4055 W
[] Generator did not maintain the container holding hazardous waste tightly closed except when adding or removing waste. 66265.173 V4056 W
[] Generator did not submit a notification to the County prior to treating photochemical waste onsite (e.g. > 10 gallons/month; tiered permitting). 25201.5 V4057 W

SMALL QUANTITY GENERATOR REQUIREMENTS:

- (< 200 pounds per month of waste)
[] Medical Waste Management Plan has not been submitted to County HMMD (Annual Requirement) 68.1206 and 117935 V4025 W
[] Must maintain and show proof of "onsite" medical waste treatment records for 3 years. 118215 and 117943 V4026 W
[] Generator did not retain on file disposal receipts and/or tracking documents for waste shipped offsite for at least 2 years. 117945 V4027 W
[] Need to apply for and receive a limited-quantity hauling exemption for "self-hauled" medical waste (< 20 pounds of waste per week). 118030 and 118025 V4028 W
[] Did not renew a limited-quantity hauling exemption annually. 118030 V4029 W
[] Storage time exceeded for full sharps container(s), e.g. greater than 7 days at room temperatures (for > 20 pounds/month generator). 118285 V4030 W
[] Storage time exceeded for red bag waste, e.g. more than 7 days at room temperature (> 20 pounds/month generator). 118280 V4031 W
[] Very small quantity generator (e.g. < 20 pounds per month) improperly storing waste for greater than 30 days onsite at room temperature. 118280 V4032 W

ESTABLISHMENT REPRESENTATIVE [Signature] DATE SIGNED 17 July 98 TITLE Joe Hen



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 1 OF 4
 EST. NO. H 36185
 DATE 10/6/99
 TIME START 12:00 END 12:48
 BUS. CODE K67
 SPECIALIST E. PAREDES
 CONTACT CHRIS ANDRADE
 TITLE HAZMAT TECH
 PHONE 625-2424

BUSINESS NAME SKYEPHARMA
 ADDRESS 11011 N TORREY PINES RD
 CITY/ZIP LA JOLLA 92037

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (H&S) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR), and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

Office Use Only

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C/O K411067
DEC 09 1999
ROUTINE INSPECTION
VIOLATIONS:
New permit due owner change. Send bill/permit of receipt.

1) OBTAIN A VALID ENVIRONMENTAL HEALTH PERMIT FOR HAZARDOUS MATERIALS/WASTE STORAGE AND DISPOSAL. WITHIN 5 DAYS COMPLETE AND SUBMIT A PERMIT APPLICATION TO THIS DIVISION. FAX APPLICATION TO (RSP) 694-3705 ATTN: ED PAREDES. ✓
 NEW OWNER IS ~~SKYEPHARMA~~ SKYEPHARMA INC.

2) BUSINESS PLAN ON SITE, HOWEVER PLAN NOT UPDATED TO REFLECT OWNER/BUSINESS CHANGE. WITHIN 30 DAYS, COMPLETE AND SUBMIT A COPY OF THE BUSINESS PLAN TO THE ADDRESS BELOW, MAINTAIN A COPY ON SITE. ✓

3) MEDICAL WASTE MGMT PLAN IS ON SITE, HOWEVER PLAN IS NOT UPDATED. WITHIN 30 DAYS, COMPLETE THIS PLAN AND MAIL TO THIS DIVISION. ANNUALLY UPDATE AND MAINTAIN A COPY OF THIS PLAN ON SITE. ✓

C. Andrade

Signature of Business Representative

10-6-99

Date Signed

HAZ-MAT Tech

Title

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261; (619) 338-2222



COUNTY OF SAN DIEGO

EST. NUMBER H 36185
DATE 10, 6, 99
PAGE 2 OF 4

SUPPLEMENTAL INSPECTION REPORT

Office Use Only

BUSINESS ADDRESS: 11011 N TORREY PINES RD ZIP CODE: 92037
LA JOLLA

REMARKS:

HAZARDOUS WASTE MANIFESTS AND MEDICAL WASTE TRACKING DOCUMENTS ON FILE.

VERIFIED EPA ID NUMBER CAL 000202871.

VERIFIED HAZARDOUS MATERIALS INVENTORY.

C. Anderson

Signature of Business Representative

10-6-99

Date Signed

Haz-MAT Tech

Title

Department of Environmental Health, Hazardous Materials Management Division, P.O. Box 85261, San Diego, CA, 92186-5261

(619) 338-2222



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

EST. NUMBER H 36185
 DATE 10/6/99
 PAGE 3 OF 4
 LA JOLLA 92037

BUSINESS ADDRESS: 11011 N TORREY PINES RD

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19/22/23 of the California Code of Regulations (CCR), Chapters 6.5, 6.7, 6.95 of the Health and Safety Code (HSC), and/or the San Diego County Code (SDCC).

I HAZARDOUS WASTE REQUIREMENTS:

RECORD KEEPING

- Health Permit not obtained SDCC 68.905 V0108 W
- No EPA Identification Number 66262.12 V0105 W
- Waste Manifests/Receipts not on-site for 3 years 66262.40 V0118 W
- Manifest not properly completed 66262.23 V0120 W
- Manifest copy not sent to DTSC 66262.23 V0115 W
- TSDF signed-manifest not on-site 66262.40 V0121 W
- Biennial report not sent to DTSC 66262.41 V0122 W
- LDR Documentation not available 66268.7 V0123 W
- Exception Rpt. not filed with DTSC 66262.42 V0116 W
- Operating TSDF without authorization 25201 V0124 W

STORAGE AND HANDLING

- Waste stored longer than 90, 180, or 270 days 66262.34 V0221 W
- Failure to clean up hazwaste off of floor surface 66262.108 V0313 W
- Waste container missing/improperly labeled 66262.34 V0222 W
- Haz Materials not properly labeled 25124 V0223 W
- Waste container not kept closed 66265.173 V0202 W
- Waste container in poor condition 66265.171 V0205 W
- Waste container(s) not properly managed 66265.173 V0210 W
- Damaged container not repackaged 66265.171 V0226 W
- Container incompatible with waste 66265.172 V0207 W
- Incompatibles in the same container 66265.177 V0224 W
- Incompatibles not stored separately 66265.177 V0213 W
- Ignitable Waste less than 50 feet 66265.176 V0214 W
- Ignitable Waste not grounded 66265.31 V0215 W
- Storage area not inspected weekly 66265.174 V0216 W

DISPOSAL AND TRANSPORTATION

- Unauth. disposal of waste to 25189.5 V0313 W
- Waste determination not made 66262.11 V0319 W
- Unlawful transport of haz. waste 25163 V0315 W
- Waste transported without manifest 66262.20 V0316 W
- Extremely Haz Waste Permit not obtained 25205.7 V0317 W

TRAINING, CONTINGENCY PLAN & EMERGENCY PROCEDURES

- Training records unavailable 66265.16 V0405 W
- Training program not adequate 66265.16 V0406 W
- Facility not designed to minimize release 66265.31 V0501 W
- Spill control equip not available 66265.32 V0508 W
- Aisle space is obstructed 66265.35 V0509 W
- Contingency plan not prepared and/or on file 66265.51, 66265.53 V0609 W

MISCELLANEOUS

- Waste oil contaminated 25250.7 V0225 W
- Used oil filters improperly managed 66266.130 V0701 W
- Damaged batteries improperly managed 66266.81 V0702 W
- Facility has failed to notify local CUPA and DTSC of onsite treatment of hazardous waste (tiered permitting) V0125 W
- Onsite treatment of waste without authorization 25201 V0125 W

II UNDERGROUND STORAGE TANK (UST) REQUIREMENTS:

GENERAL UST REQUIREMENTS

- Health Permit not obtained 68.1005, 25284 V3002 T
- Repair/modify/close permit not obtained 68.1005 V3007 T
- UST Permit Application not submitted 25286(a) V3010 T
- Operating permit conditions violated 2712 V3011 T
- Failed to notify HMMD of changes 25284 V3012 T
- No owner/operator agreement 25284 V3005 T
- No records of financial coverage 25292.2 V3013 T
- No maint/monit/calib records available 2712(b), 2641(j) V3001 T
- Monitoring Equip. not tested annually 2630, 2641 V3003 T

MONITORING REQUIREMENTS (SINGLE WALL)

- Leak Detection Method does not meet performance standards 2643 V3014 T
- Integrity test not conducted 25292 V3015 T
- Copy of tank test not submitted to HMMD within 30 days 2643 V3016 T
- Manual tank gauging (<2000 gal) 2645 not done properly V3017 T
- Reconciliation not done properly 2646 V3018 T
- Reconciliation not approved for facility 2646 V3019 T
- Dispenser meter(s) not calib annually 2646 V3020 T
- Improper liquid measurements 2646 V3021 T
- Stick in poor condition 2646 V3022 T
- Improper monthly reconciliation 2646 V3023 T
- Failed to report excessive variation 2646 V3024 T
- Pressurized Product Piping Leak Device not tested annually 25292 V3025 T
- No written monitoring procedure 2641 V3027 T
- No written emergency response plan 2641 V3027 T
- SIR reporting incorrectly done 2646.1 V3004 T

MONITORING REQUIREMENTS (DOUBLE WALL)

- Monitoring system not functional 2632 V3026 T
- No written monitoring procedure 2632 V3027 T
- Written emergency response plan not available 2632 V3028 T
- Spill/Overfill equip. not maintained or installed 2635 V3029 T

RELEASE REPORTING

- Failure to report an unauthorized release 25295 V3009 T
- Release record log not available 2651, 2650 V3030 T
- No leak report/investigation/action 2652 V3031 T

CLOSURE

- Temporary closure req. not completed 2671 V3006 T
- Unused tank not properly closed 25298 V3032 T
- Permanent closure req. not completed 2672 V3033 T
- Failed to apply for temporary closure 25298 V3008 T

III HAZARDOUS MATERIALS BUSINESS PLAN REQUIREMENTS:

RECORD KEEPING

- Health Permit not obtained SDCC 68.1105 V2001 W
- Business Plan not established/implemented 25503.5 V2002 W
- Business Plan not submitted to HMMD 25505 V2007 W
- Business Plan not amended 25505 V2003 W
- Personnel Training Records not available 19 CCR 2732 V2302 W

RELEASE REPORTING

- Failure to report a release/threatened release 25507 V2008 W

BUSINESS PLAN ELEMENTS

- Emergency Response Plan inadequate 25504 V2201 W
- Emergency Contacts not provided/current 25509 V2203 W
- Personnel Training Program inadequate 25504 V2301 W
- Inventory is incomplete 25504 V2005 W
- Site Map is not sufficient 25509 V2202 W
- Acutely Haz. Mat. not registered 25533 V2009 W

ALL VIOLATIONS MUST BE CORRECTED. PLEASE CALL (619) 338-2222 OR YOUR INSPECTOR IF YOU HAVE ANY QUESTIONS.

[Signature]
 ESTABLISHMENT REPRESENTATIVE

10-6-99
 DATE SIGNED

HAZ-MAT Tech
 TITLE

Department of Environmental Health, Hazardous Materials Management Division, P. O. Box 85261, San Diego, CA 92186-5261

DISTRIBUTION: WHITE-RETURN TO HMMD
 YELLOW-BUSINESS RETAINS



COUNTY OF SAN DIEGO

EST. NUMBER H 36185
DATE 10/6/99
PAGE 4 OF 4

MEDICAL WASTE GENERATOR REQUIREMENTS

BUSINESS ADDRESS: 11011 N TORREY PINES RD LA JOLLA, CA 92037

VIOLATION REPORT: The items checked below refer to specific section numbers of the California Health and Safety Code Sections 25100 and 117600 et. al.; the San Diego County Code of Regulatory Ordinances Sections 68.1201 et. al.; and the California Code of Regulations, Title 22 Sections 65600 et. al. and 66262.10 et. al. All violations must be corrected. Please call (619) 338-2222 or your Inspector if you have any questions.

GENERAL REQUIREMENTS:

- [] An Environmental Health Permit as a medical waste generator has not been obtained. 68.1203, 68.1204, and 117705 V4101 W
[] Unlawful disposal of untreated medical waste to an unauthorized point. 118340 V4102 W
[] Improper treatment of medical waste using an unapproved method or procedure. 118215 V4103 W
[] Medical SOLID WASTE is not stored in a locked trash receptacle or enclosure so as to deny access to unauthorized persons. 68.1202 V4104 W
[] Improper clipping or cutting of sharps waste at the point of generation. 68.1205 V4105 W
[] Medical waste was not separated from other waste at the point of origin. 118275 V4106 W
[] Generator has not maintained reusable containers/bins for medical waste storage in a clean and sanitary manner. 118295 and 118305 V4107 W
[] Storage time exceeded for frozen medical waste, e.g. greater than 90 days. 118280 V4108 W
[] Generator did not clean-up a leak or spill of medical waste in an approved manner. 118300 V4109 W
[] Generator has not secured the enclosure or designated accumulation area for medical waste containers so as to deny access to unauthorized persons. 118310 V4110 W
[] Operator did not post an approved and legible biohazardous waste "warning sign" in English and Spanish at the waste storage area(s). 118310 V4111 W
[] Generator did not store medical waste in approved and properly marked red bags (non-sharps). 118275 V4112 W
[] Did not place a label with the generator's name, address, and phone number on the outside of the red bag and/or sharps container. 68.1201 and 68.1205 V4113 W
[] Generator did not store sharps waste in approved and properly marked sharps container. 118275 V4114 W
[] Transportation of medical waste without State Hauler Registration or without a limited-quantity hauling exemption from County HMMD. 118025 V4115 W
[] Generator did not have standardized written operating procedures for a steam sterilizer available onsite. 118215 V4116 W
[] Did not have recording thermometer checked for calibration annually. 118215 V4117 W
[] Generator did not maintain records of thermometer calibration checks for at least 3 years. 118215 V4118 W
[] Operator did not use heat-sensitive tape or other approved method for each load of medical waste treated onsite. 118215 V4119 W
[] Need to use a biological indicator or other approved method at least once a month to confirm proper disinfection conditions. 118215 V4120 W
[] Must tie-off red bags to prevent leakage or expulsion of contents during handling and storage. 118280 V4121 W
[] Did not containerize and place red bags in rigid, leak resistant, and covered containers or bins. 118280 V4122 W
[] Must have waste container/bin labeled on the lid and side so as to be clearly visible. 118280 V4123 W
[] Did not tape closed or tightly-lid a full sharps container ready for disposal, to preclude loss of contents. 118285 V4124 W

- [] Maximum holding time exceeded for non-putrescible medical waste, e.g. greater than 180 days. 68.1203 V4033 W

LARGE QUANTITY WASTE GENERATORS:

- (≥ 200 pounds of waste in a month)
[] Medical Waste Management Plan has not been submitted to County HMMD (Annual Requirement). 117960 and 68.1206 V4034 W
[] Must maintain and show proof of "onsite" medical waste treatment records for 3 years. 118215 and 117975 V4035 W
[] Generator did not retain on file disposal receipts and/or tracking documents for waste shipped offsite for at least 3 years. 117975 V4036 W
[] Storage time exceeded for full sharps container(s), e.g. greater than 7 days at room temperature. 118285 V4037 W
[] Storage time exceeded for red bag waste, e.g. more than 7 days at room temperature. 118280 V4038 W

PATHOLOGY WASTE AND CHEMOTHERAPY WASTE HANDLING:

- [] Did not segregate chemotherapy waste from other medical waste. 118275 V4039 W
[] Generator did not label container holding chemotherapy waste with the words "chemotherapy waste" or other approved markings on the lid and sides. 118275 V4040 W
[] Did not segregate pathology waste from other medical waste. 118275 V4041 W
[] Generator did not label container holding pathology waste with the words "pathology waste" or other approved markings on the lid and side. 118275 V4042 W
[] Unlawful disposal of pathology waste or chemotherapy waste to an unauthorized point. 118340 V4043 W

PHARMACEUTICAL WASTE HANDLING:

- [] Generator did not segregate pharmaceutical waste from other medical waste. 118275g V4044 W
[] Generator did not label container holding pharmaceutical waste with the words "incineration only" or other approved markings on the lid and side. 118275g V4045 W
[] Storage time exceeded for pharmaceutical waste, e.g. more than 90 days. (> 10 pounds per calendar year generated) 118280e V4046 W
[] Very small quantity generator of pharmaceutical waste (e.g. < 10 pounds waste /calendar year) improperly storing waste for longer than one year. 118280e V4047 W
[] Unlawful disposal of pharmaceutical waste to an unauthorized point. 118340 and 118222 V4048 W

ON-SITE MEDICAL WASTE TREATMENT FACILITY REQUIREMENTS:

- [] Operator has not obtained an onsite medical waste treatment permit from the County. 117950, 118130, 118155, and CCR 65620 V4049 W
[] Must maintain an updated and complete copy of the medical waste treatment permit onsite and available for review. CCR 65621(f), 65623, 118165, and 118180 V4050 W
[] Did not comply with a condition of the medical waste treatment permit issued by the County. CCR 65623 V4051 W

PHOTOCHEMICAL and HAZARDOUS WASTE MGMT. AND DISPOSAL:

- [] Illegal disposal of photoprocessing/ hazardous waste to the sewer, trash, etc. 25189.5 V4052 W
[] Generator has not maintained waste disposal records, e.g. manifests/milk-run receipts, onsite for 3 years. 66262.40 V4053 W
[] Generator has not obtained an EPA Identification Number from the State DTSC for hazardous waste generation, e.g. photoprocessing/hazardous waste. 66262.12 V4054 W
[] Generator did not properly label the container holding hazardous waste. 66262.34 V4055 W
[] Generator did not maintain the container holding hazardous waste tightly closed except when adding or removing waste. 66265.173 V4056 W
[] Generator did not submit a notification to the County prior to treating photochemical waste onsite (e.g. > 10 gallons/month; tiered permitting). 23201.5 V4057 W

SMALL QUANTITY GENERATOR REQUIREMENTS:

- (< 200 pounds per month of waste)
9 X Medical Waste Management Plan has not been submitted to County HMMD (Annual Requirement) 68.1206 and 117935 V4025 W
[] Must maintain and show proof of "onsite" medical waste treatment records for 3 years. 118215 and 117943 V4026 W
[] Generator did not retain on file disposal receipts and/or tracking documents for waste shipped offsite for at least 2 years. 117945 V4027 W
[] Need to apply for and receive a limited-quantity hauling exemption for "self-hauled" medical waste (< 20 pounds of waste per week). 118030 and 118025 V4028 W
[] Did not renew a limited-quantity hauling exemption annually. 118030 V4029 W
[] Storage time exceeded for full sharps container(s), e.g. greater than 7 days at room temperatures (for > 20 pounds/month generator). 118285 V4030 W
[] Storage time exceeded for red bag waste, e.g. more than 7 days at room temperature (> 20 pounds/month generator). 118280 V4031 W
[] Very small quantity generator (e.g., < 20 pounds per month) improperly storing waste for greater than 30 days onsite at room temperature. 118280 V4032 W

ESTABLISHMENT REPRESENTATIVE [Signature] DATE SIGNED 10-6-99 TITLE HAZ-MAT Tech

ms

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COUNTY OF SAN DIEGO
 DEPARTMENT OF ENVIRONMENTAL HEALTH
 P. O. BOX 189168, SAN DIEGO, CA 92118-9281 PHONE: 619-338-2222

SPECIALIST USE ONLY

FOR OFFICE USE ONLY

ESTAB NUMBER 36185	CENSUS TR/INC CODE	BUS CODE	UNITS	ANNUAL FEE	EXPIR DATE (MO-DAY)			
SIC-1	SIC-2	FIRE	WATER	28 SENSER	31 ZONING	33 MAP ON FILE	35 STATUS	41 ASSESSOR'S PARCEL NO.
45	49	33	55	37	39	61	57	64

PLEASE COMPLETE THE FOLLOWING SECTION

ESTABLISHMENT OWNER NAME: SKYE PHARMA INC (AREA) OWNER PHONE: 858-625-2424 X

ESTABLISHMENT ADDRESS: STREET NUMBER: 11011 DIRECTION: STREET NAME: N. TORREY PINES RD BLDG/SUITE: 100 X

CITY: LA JOLLA STATE: CA ZIP CODE: 92037 (AREA) BUSINESS PHONE: 858-625-2424 X

SECOND NAME OR NAME OF MANAGEMENT COMPANY:

MAILING ADDRESS (IF DIFFERENT FROM ESTABLISHMENT ADDRESS): STREET NUMBER: 10450 DIRECTION: STREET NAME: SCIENCE CENTER DR BLDG/SUITE:

CITY: San Diego STATE: CA ZIP CODE: 92121

ESTABLISHMENT NAME: SKYE PHARMA INC GAS STATION: YES = 1 OTHER = 2 2

REASON FOR APPLICATION: 3 - NEW 2 - RE-OPEN NUMBER OF EMPLOYEES: 314 IF OTHER, LIST TYPE OF BUSINESS:

NAME OF PREVIOUS OWNER: Depotech Corp DATE BUS ASSUMED: 01/01/99

CONTACT PERSON: Paul Eiler

ALL APPLICANTS PLEASE COMPLETE APPROPRIATE SUPPLEMENTARY FORMS

I DECLARE UNDER PENALTY OF PERJURY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF THE STATEMENTS MADE HEREIN ARE CORRECT AND TRUE. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS MADE PURSUANT TO LAW AND INCIDENTAL TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THIS BUSINESS.

SIGNATURE: *Paul Eiler* DATE: 10/7/99



COUNTY OF SAN DIEGO

EST. NUMBER H 36185

DATE 7 23 01

PAGE 2 OF 3

SUPPLEMENTAL INSPECTION REPORT

Office Use Only

BUSINESS ADDRESS: 11011 N. Torrey Pines Rd. ZIP CODE: 92037

inside a 55 gallon drum.

Wayne York stated that the waste was cleaned-up from the floor with absorbent pads and clean-up workers used personal protective equipment (PPE) and supplied air (SCBA). Also, he stated that the waste liquid was removed from the metal drum and placed into a leakproof, closed and labeled plastic drum. Furthermore, the waste absorbents were placed into a leakproof, labeled and closed drum. Lastly, he stated the waste will be disposed as a hazardous waste.

Observations:

- No Steins were observed in the spill area
- Waste drums holding the spill material and waste

[Signature]

Signature of Business Representative

7-23-01

Date Signed

MATERIALS ASSOC.

Title

Department of Environmental Health, Hazardous Materials Management Division, P.O. Box 85261, San Diego, CA, 92186-5261

(619) 338-2222



COUNTY OF SAN DIEGO

EST. NUMBER H 36185

COMPLIANCE INSPECTION REPORT

DATE 7/23/01

PAGE 3 OF 3

BUSINESS ADDRESS: 11011 N. Torrey Pines Rd. La Jolla CA 92037

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19/22/23 of the California Code of Regulations (CCR), Chapters 6.5, 6.7, 6.95 of the Health and Safety Code (HSC), and/or the San Diego County Code (SDCC).

I HAZARDOUS WASTE REQUIREMENTS:

RECORD KEEPING

- Health Permit not obtained SDCC 68.905 **V0108 W** _____
- No EPA Identification Number 66262.12 **V0105 W** _____
- Waste Manifests/Receipts not on-site for 3 years 66262.40 **V0118 W** _____
- Manifest not properly completed 66262.23 **V0120 W** _____
- Manifest copy not sent to DTSC 66262.23 **V0115 W** _____
- TSDF signed-manifest not on-site 66262.40 **V0121 W** _____
- Biennial report not sent to DTSC 66262.41 **V0122 W** _____
- LDR Documentation not available 66268.7 **V0123 W** _____
- Exception Rpt. not filed with DTSC 66262.42 **V0116 W** _____
- Operating TSDF without authorization 25201 **V0124 W** _____

STORAGE AND HANDLING

- Waste stored longer than 90, 180, or 270 days 66262.34 **V0221 W** _____
- Failure to clean up hazwaste off of floor surface 66262.10b **V0313 W** _____
- Waste container missing/improperly labeled 66262.34 **V0222 W** _____
- Haz Materials not properly labeled 25124 **V0223 W** _____
- Waste container not kept closed 66265.173 **V0202 W** _____
- Waste container in poor condition 66265.171 **V0205 W** _____
- Waste container(s) not properly managed 66265.173 **V0210 W** _____
- Damaged container not repackaged 66265.171 **V0226 W** _____
- Container incompatible with waste 66265.172 **V0207 W** _____
- Incompatibles in the same container 66265.177 **V0224 W** _____
- Incompatibles not stored separately 66265.177 **V0213 W** _____
- Ignitable Waste less than 50 feet 66265.176 **V0214 W** _____
- Ignitable Waste not grounded 66265.31 **V0215 W** _____
- Storage area not inspected weekly 66265.174 **V0216 W** _____

DISPOSAL AND TRANSPORTATION

- Unauth. disposal of waste to _____ 25189.5 **V0313 W** _____
- Waste determination not made 66262.11 **V0319 W** _____
- Unlawful transport of haz. waste 25163 **V0315 W** _____
- Waste transported without manifest 66262.20 **V0316 W** _____
- Extremely Haz Waste Permit not obtained 25205.7 **V0317 W** _____

TRAINING, CONTINGENCY PLAN & EMERGENCY PROCEDURES

- Training records unavailable 66265.16 **V0405 W** _____
- Training program not adequate 66265.16 **V0406 W** _____
- Facility not designed to minimize release 66265.31 **V0501 W** _____
- Spill control equip not available 66265.32 **V0508 W** _____
- Aisle space is obstructed 66265.35 **V0509 W** _____
- Contingency plan not prepared and/or on file 66265.51, 66265.53 **V0609 W** _____

MISCELLANEOUS

- Waste oil contaminated 25250.7 **V0225 W** _____
- Used oil filters improperly managed 66266.130 **V0701 W** _____
- Damaged batteries improperly managed 66266.81 **V0702 W** _____
- Facility has failed to notify local CUPA and DTSC of onsite treatment of hazardous waste (tiered permitting) **V0125 W** _____
- Onsite treatment of waste without authorization 25201 **V0125 W** _____

III HAZARDOUS MATERIALS BUSINESS PLAN REQUIREMENTS:

RECORD KEEPING

- Health Permit not obtained SDCC 68.1105 **V2001 W** _____
- Business Plan not established/implemented 25503.5 **V2002 W** _____
- Business Plan not submitted to HMMD 25505 **V2007 W** _____
- Business Plan not amended 25505 **V2003 W** _____
- Personnel Training Records not available 19 CCR 2732 **V2302 W** _____

RELEASE REPORTING

- Failure to report a release/threatened release 25507 **V2008 W** _____

II UNDERGROUND STORAGE TANK (UST) REQUIREMENTS:

GENERAL UST REQUIREMENTS

- Health Permit not obtained 68.1005, 25284 **V3002 T** _____
- Repair/modify/close permit not obtained 68.1005 **V3007 T** _____
- UST Permit Application not submitted 25286(a) **V3010 T** _____
- Operating permit conditions violated 2712 **V3011 T** _____
- Failed to notify HMMD of changes 25284 **V3012 T** _____
- No owner/operator agreement 25284 **V3005 T** _____
- No records of financial coverage 25292.2 **V3013 T** _____
- No maint/monit/calib records available 2712(b), 2641(j) **V3001 T** _____
- Monitoring Equip. not tested annually 2630, 2641 **V3003 T** _____

MONITORING REQUIREMENTS (SINGLE WALL)

- Leak Detection Method does not meet performance standards 2643 **V3014 T** _____
- Integrity test not conducted 25292 **V3015 T** _____
- Copy of tank test not submitted to HMMD within 30 days 2643 **V3016 T** _____
- Manual tank gauging (<2000 gal) 2645 not done properly **V3017 T** _____
- Reconciliation not done properly 2646 **V3018 T** _____
- Reconciliation not approved for facility 2646 **V3019 T** _____
- Dispenser meter(s) not calib annually 2646 **V3020 T** _____
- Improper liquid measurements 2646 **V3021 T** _____
- Stick in poor condition 2646 **V3022 T** _____
- Improper monthly reconciliation 2646 **V3023 T** _____
- Failed to report excessive variation 2646 **V3024 T** _____
- Pressurized Product Piping Leak Device not tested annually 25292 **V3025 T** _____
- No written monitoring procedure 2641 **V3027 T** _____
- No written emergency response plan 2641 **V3027 T** _____
- SIR reporting incorrectly done 2646.1 **V3004 T** _____

MONITORING REQUIREMENTS (DOUBLE WALL)

- Monitoring system not functional 2632 **V3026 T** _____
- No written monitoring procedure 2632 **V3027 T** _____
- Written emergency response plan not available 2632 **V3028 T** _____
- Spill/Overfill equip. not maintained or installed 2635 **V3029 T** _____

RELEASE REPORTING

- Failure to report an unauthorized release 25295 **V3009 T** _____
- Release record log not available 2651, 2650 **V3030 T** _____
- No leak report/investigation/action 2652 **V3031 T** _____

CLOSURE

- Temporary closure req. not completed 2671 **V3006 T** _____
- Unused tank not properly closed 25298 **V3032 T** _____
- Permanent closure req. not completed 2672 **V3033 T** _____
- Failed to apply for temporary closure 25298 **V3008 T** _____

BUSINESS PLAN ELEMENTS

- Emergency Response Plan inadequate 25504 **V2201 W** _____
- Emergency Contacts not provided/current 25509 **V2203 W** _____
- Personnel Training Program inadequate 25504 **V2301 W** _____
- Inventory is incomplete 25504 **V2005 W** _____
- Site Map is not sufficient 25509 **V2202 W** _____
- Acutely Haz. Mat. not registered 25533 **V2009 W** _____

ALL VIOLATIONS MUST BE CORRECTED. PLEASE CALL (619) 338-2222 OR YOUR INSPECTOR IF YOU HAVE ANY QUESTIONS.

W. J. [Signature]

ESTABLISHMENT REPRESENTATIVE

7-23-01

DATE SIGNED

MATERIALS ASSOC.

TITLE

Department of Environmental Health, Hazardous Materials Management Division, P. O. Box 129261, San Diego, CA 92112-9261

DISTRIBUTION: WHITE-RETURN TO HMMD
YELLOW-BUSINESS RETAINS



COUNTY OF SAN DIEGO
 Department of Environmental Health
COMPLAINT FORM

FILE COPY

COMPLAINT No: **2001-04478**
 PREV COMP: OLD COMP No:
 DATE / TIME RECEIVED: **7/12/2001** **9:28 AM**
 REC BY: CCOURSEH
 REVIEWED BY: Info Only

This greyed area contains Reporting Party information that is blocked from public viewing for CONFIDENTIALITY purposes, per County Policy A-2.

COMPLAINT INFORMATION INCIDENT ONSET DATE: **7/11/2001** INCIDENT TIME:

BUSINESS NAME: **SKYEPHARMA** CENSUS TRACT: DEH ESTAB#: **H36185**
 ADDRESS: **11011 TORREY PINES RD** STE: X-STREET:
San Diego (La Jolla) ZIP **92037** THOM BROS PAGE: **1227** COORD: **J2**

This greyed area contains Reporting Party information that is blocked from public viewing for CONFIDENTIALITY purposes, per County Policy A-2.

SUBSTANCE:
 NATURE OF COMPLAINT: **7/11/01 - SKYEPHARMA HAD A SMALL PIN-HOLE LEAK IN THE 55-GALLON WASTE DRUM. THIS DRUM CONTAINS ALL THEIR SOLVENT WASTE: CHLOROFORM, FORMALDEHYDE, IPA, ETC. THEY EVACUATED THEIR FACILITY AS A PRECAUTION AND CLEANED UP THE SMALL (<1-LITER) SPILL WEARING SCBA AND PPE. OTHER TENANTS OF THE BUILDING SAW THEM EVACUATED AND GOT EXCITED AND CALLED US. NO OTHER SUITE REPORTED ANY ODORS OR PROBLEMS. NO RESPONSE WAS REQUIRED. NEEDS ICP FOLLOW UP.**

DEH RESPONSE INFORMATION

DIVISION: **ICP** APPROVED BY: APPROVED DATE: ASSIGNED TO: **SANDEREH**
 PRIORITY: TYPE: BUSINESS: ACTIVITY: INVESTIGATED BY: DATE INVESTIGATED: JUSTIFIED: CUST SERV SENT: RESOLVED:
 H01 **B** **SANDEREH** **07/12/2001**
 REFER ONLY?: CONTACT: AGENCY: PHONE:

ACTION TAKEN: **7/12/01: DWAYNE YORK STATED THAT THE WASTE WAS CLEANED-UP FROM THE FLOOR WITH ABSORBENT PADS AND CLEAN-UP WORKERS USED PERSONAL PROTECTIVE EQUIPMENT (ppe) AND SUPPLIED AIR (SCBA). ALSO, HE STATED THE THE WASTE LIQUID WAS REMOVED FROM THE METAL DRUM AND PLACED INTO A LEAKPROOF, CLOSED AND LABELED PLASTIC DRUM. FUTHERMORE, THE WASTE ABSORBENTS WERE PLACED INTO A LEAKPROOF, LABELED AND CLOSED DRUM. LASTLY, HE STATED THE WASTE WILL BE DISPOSED AS A HAZARDOUS WASTE.**
 OBSERVATIONS:
NO STAINS WERE OBSERVED IN THE SPILL AREA.



City of San Diego
Planning & Development Review
Hazardous Materials Questionnaire

OFFICE USE ONLY
 # 36185
 BP DATE 1/1
 SAM _____
 APCD _____

THE CITY OF SAN DIEGO

Business Name SkyePharma, Inc.		Contact Person Alex Pietrogio Vanna		Telephone (858) 625-2424	
Mailing Address 10450 Science Center Drive		City San Diego	State CA	Zip 92121	Plan File # A105193-01
Project Address 11011 N. Torrey Pines Road		City La Jolla	State CA	Zip 92037	Permit #

PART I: CITY OF SAN DIEGO PLANNING & DEVELOPMENT REVIEW - FIRE HAZARDOUS MATERIALS PLAN CHECK: OCCUPANCY CLASSIFICATION

Will your business use, store or dispense any of the following hazardous materials? If any of the items is circled (except item 15), a San Diego Fire Department Hazardous Materials Information Sheet (form FPB-500) must be submitted with your project for review to: Planning & Development Review, Fire Hazardous Materials Plan Check, 1222 First Avenue 4th Floor, San Diego, CA 92101 (619) 446-5438.

- | | | |
|-------------------------------------|----------------------------------|---|
| 1. Explosives or Blasting Agents | 6. Oxidizers | 11. Highly Toxic or Toxic Materials H36185 |
| 2. Compressed Gases | 7. Pyrophorics | 12. Radioactives |
| 3. Flammable or Combustible Liquids | 8. Unstable (reactive) Materials | 13. Corrosives |
| 4. Flammable Solids | 9. Water-Reactives | 14. Other Health Hazards |
| 5. Organic Peroxides | 10. Cryogenics | 15. None of These Items |
- BP two weeks before final*

PART II: SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH - HAZARDOUS MATERIALS DIVISION (HMD):

If the answer to any of the questions below is yes, applicant must contact the County of San Diego Hazardous Materials Division, 1225 Imperial Avenue, 3rd floor, San Diego, CA 92101. Telephone (619) 338-2222 or Regional Permit Assistance Center, 1222 First Ave 4th floor, San Diego, CA 92101 (619) 236-5938 prior to the issuance of a building department permit.

OFFICE USE ONLY

- (FEES MAY BE REQUIRED)**
- | | | |
|--|-------------------------------------|--|
| YES | NO | |
| 1. <input checked="" type="checkbox"/> | <input type="checkbox"/> | Is your business type listed on the reverse side of this form? |
| 2. <input checked="" type="checkbox"/> | <input type="checkbox"/> | Will your business dispose of Hazardous Substances or Medical Wastes in any amount? |
| 3. <input checked="" type="checkbox"/> | <input type="checkbox"/> | Will your business store, or handle Hazardous Substances in quantities equal to or greater than 55 gallons, 500 pounds, 200 cubic feet or carcinogens/reproductive toxins in any quantity? |
| 4. <input type="checkbox"/> | <input checked="" type="checkbox"/> | Will your business use an existing or install an underground storage tank? |
| 5. <input checked="" type="checkbox"/> | <input type="checkbox"/> | Will your business store, use or handle Regulated Substances (CalARP)? |
| 6. <input type="checkbox"/> | <input checked="" type="checkbox"/> | Will your business use or install a Hazardous Waste Tank System (Title 22, Article 10)? |

Cal ARP Exempt

Date _____ Initials _____

Cal ARP Required

Date _____ Initials _____

Cal ARP Completed

Date _____ Initials _____

PART III: SAN DIEGO AIR POLLUTION CONTROL DISTRICT

If the answer to any of the questions below is yes, applicant must contact the Air Pollution Control District, 9150 Chesapeake Drive, San Diego, CA 92123. Telephone (619) 694-3340 prior to the issuance of a building permit.

- | | | |
|-----------------------------|-------------------------------------|--|
| YES | NO | |
| 1. <input type="checkbox"/> | <input checked="" type="checkbox"/> | Will the intended occupant install or use any of the equipment listed on the Listing of Air Pollution Control District Permit Categories, on the reverse side of this form? |
| 2. <input type="checkbox"/> | <input type="checkbox"/> | (ANSWER ONLY IF THE ANSWER TO QUESTION 1 IS YES) Will the subject facility be located within 1,000 feet of the outer boundary of a school (K thru 12) as listed in the current Directory of School and Community College Districts, published by the San Diego County Office of Education and the current California Private School Directory, compiled in accordance with provisions of Education Code Section 331907 |
| 3. <input type="checkbox"/> | <input checked="" type="checkbox"/> | Does the building or structure for which this demolition permit is requested contain any friable asbestos? |

Briefly describe business activity and proposed project:

Pharmaceutical Manufacturing Cancer drug

Name of Owner or Authorized Agent: Randal Rasmussen Signature of Owner or Authorized Agent: Randal Rasmussen Date: 3/16/01

I declare under penalty of perjury that to the best of my knowledge and belief the responses made herein are true and correct.

FOR OFFICIAL USE ONLY: FIRE DEPARTMENT OCCUPANCY CLASSIFICATION:

BY: _____ Date: _____

EXEMPT OR NO FURTHER INFORMATION REQUIRED		RELEASED FOR BUILDING PERMIT BUT NOT FOR OCCUPANCY		RELEASED FOR OCCUPANCY	
COUNTY HMD	APCD	COUNTY HMD	APCD	COUNTY HMD	APCD
			<p><i>Register and clarify manufacturing process-permit may be required</i></p>		

8m



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 1 OF 4
 EST. NO. H 36185
 DATE 22 June 2001
 TIME START 1030 END 1215
 BUS. CODE K67
 SPECIALIST Andriana
 CONTACT W. York
 TITLE Fac./Warehouse Assoc.
 PHONE 625-2424

BUSINESS NAME Skye Pharma Inc.
 ADDRESS 11011 N. Torrey Pines Rd.
 CITY/ZIP La Jolla CA 92037

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (H&S) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

Send 9/10/01 to file

AUG 22 2001

Office Use Only

This was a Compliance inspection regarding hazardous materials, hazardous waste and biomedical waste management.

During this inspection, the following hazardous waste items were not labeled with a "Hazardous Waste label."

- One Container holding waste pharmaceutical waste
- Three Containers holding waste Carbon.

Corrective Action: Provide a Completed hazardous waste label on the above containers. The label must have the following information: Name, & Address of generator, Physical State, hazard properties, Contents and Discontinuation Start date (Date waste was first put into container). Hazardous waste labels were placed on the above containers during the inspection.

W. York

Signature of Business Representative

G-22-01

Date Signed

MATERIALS ASSOC.

Title

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261; (619) 338-2222



SUPPLEMENTAL INSPECTION REPORT

Office Use Only

BUSINESS ADDRESS: 11011 N. Torrey Pines La Jolla ZIP CODE: 92037

The following containers holding biohazardous waste lacked a "Generator's Identification Label."

3. Biohazardous waste Red Bag

1. Sharps Container holding used Sharps (Microbiology slides) (Biohazardous waste).

Corrective Action: Provide a completed "Generator's Identification Label" on the above containers. The label must have the following information: Name, Address and phone number of Generator.

During this inspection, The medical waste management Plan was unavailable.

Corrective Action: Maintain The medical waste Management Plan on-site. It will be reviewed during our inspection.

Note: The biohazardous waste containers were labeled with "Generator's Identification tags", ~~then~~ during the inspection.

[Handwritten Signature]

Signature of Business Representative

6-22-01

Date Signed

MATERIALS ASSOC.

Title

Department of Environmental Health, Hazardous Materials Management Division, P.O. Box 85261, San Diego, CA, 92186-5261

(619) 338-2222

DISTRIBUTION: WHITE-RETURN TO HMMD
YELLOW-BUSINESS RETAINS



COUNTY OF SAN DIEGO

EST. NUMBER H 36185

DATE 22 Dec 2001

MEDICAL WASTE GENERATOR REQUIREMENTS

PAGE 3 OF 4

BUSINESS ADDRESS: 11011 N. Torrey Pines Rd. La Jolla CA ZIP: 92037

VIOLATION REPORT: The items checked below refer to specific section numbers of the California Health and Safety Code Sections 25100 and 117600 et. al.; the San Diego County Code of Regulatory Ordinances Sections 68.1201 et. al.; and the California Code of Regulations, Title 22 Sections 65600 et. al. and 66262.10 et. al. All violations must be corrected. Please call (619) 338-2222 or your Inspector if you have any questions.

GENERAL REQUIREMENTS:

- [] An Environmental Health Permit as a medical waste generator has not been obtained. 68.1203, 68.1204, and 117705 V4101 W
[] Unlawful disposal of untreated medical waste to an unauthorized point. 118340 V4102 W
[] Improper treatment of medical waste using an unapproved method or procedure. 118215 V4103 W
[] Medical SOLID WASTE is not stored in a locked trash receptacle or enclosure so as to deny access to unauthorized persons. 68.1202 V4104 W
[] Improper clipping or cutting of sharps waste at the point of generation. 68.1205 V4105 W
[] Medical waste was not separated from other waste at the point of origin. 118275 V4106 W
[] Generator has not maintained reusable containers/bins for medical waste storage in a clean and sanitary manner. 118295 and 118305 V4107 W
[] Storage time exceeded for frozen medical waste, e.g. greater than 90 days. 118280 V4108 W
[] Generator did not clean-up a leak or spill of medical waste in an approved manner. 118300 V4109 W
[] Generator has not secured the enclosure or designated accumulation area for medical waste containers so as to deny access to unauthorized persons. 118310 V4110 W
[] Operator did not post an approved and legible biohazardous waste "warning sign" in English and Spanish at the waste storage area(s). 118310 V4111 W
[] Generator did not store medical waste in approved and properly marked red bags (non-sharps). 118275 V4112 W
[X] Did not place a label with the generator's name, address, and phone number on the outside of the red bag and/or sharps container. 68.1201 and 68.1205 V4113 W
[] Generator did not store sharps waste in approved and properly marked sharps container. 118275 V4114 W
[] Transportation of medical waste without State Hauler Registration or without a limited-quantity hauling exemption from County HMMD. 118025 V4115 W
[] Generator did not have standardized written operating procedures for a steam sterilizer available onsite. 118215 V4116 W
[] Did not have recording thermometer checked for calibration annually. 118215 V4117 W
[] Generator did not maintain records of thermometer calibration checks for at least 3 years. 118215 V4118 W
[] Operator did not use heat-sensitive tape or other approved method for each load of medical waste treated onsite. 118215 V4119 W
[] Need to use a biological indicator or other approved method at least once a month to confirm proper disinfection conditions. 118215 V4120 W
[] Must tie-off red bags to prevent leakage or expulsion of contents during handling and storage. 118280 V4121 W
[] Did not containerize and place red bags in rigid, leak resistant, and covered containers or bins. 118280 V4122 W
[] Must have waste container/bin labeled on the lid and side so as to be clearly visible. 118280 V4123 W
[] Did not tape closed or tightly-lid a full sharps container ready for disposal, to preclude loss of contents. 118285 V4124 W

- [] Maximum holding time exceeded for non-putrescible medical waste, e.g. greater than 180 days. 68.1203 V4033 W

LARGE QUANTITY WASTE GENERATORS: (> 200 pounds of waste in a month)

- [] Medical Waste Management Plan has not been submitted to County HMMD (Annual Requirement). 117960 and 68.1206 V4034 W
[] Must maintain and show proof of "onsite" medical waste treatment records for 3 years. 118215 and 117975 V4035 W
[] Generator did not retain on file disposal receipts and/or tracking documents for waste shipped offsite for at least 3 years. 117975 V4036 W
[] Storage time exceeded for full sharps container(s), e.g. greater than 7 days at room temperature. 118285 V4037 W
[] Storage time exceeded for red bag waste, e.g. more than 7 days at room temperature. 118280 V4038 W

PATHOLOGY WASTE AND CHEMOTHERAPY WASTE HANDLING:

- [] Did not segregate chemotherapy waste from other medical waste. 118275 V4039 W
[] Generator did not label container holding chemotherapy waste with the words "chemotherapy waste" or other approved markings on the lid and sides. 118275 V4040 W
[] Did not segregate pathology waste from other medical waste. 118275 V4041 W
[] Generator did not label container holding pathology waste with the words "pathology waste" or other approved markings on the lid and side. 118275 V4042 W
[] Unlawful disposal of pathology waste or chemotherapy waste to an unauthorized point. 118340 V4043 W

PHARMACEUTICAL WASTE HANDLING:

- [] Generator did not segregate pharmaceutical waste from other medical waste. 118275g V4044 W
[] Generator did not label container holding pharmaceutical waste with the words "incineration only" or other approved markings on the lid and side. 118275g V4045 W
[] Storage time exceeded for pharmaceutical waste, e.g. more than 90 days. (> 10 pounds per calendar year generated) 118280e V4046 W
[] Very small quantity generator of pharmaceutical waste (e.g. < 10 pounds waste /calendar year) improperly storing waste for longer than one year. 118280e V4047 W
[] Unlawful disposal of pharmaceutical waste to an unauthorized point. 118340 and 118222 V4048 W

ON-SITE MEDICAL WASTE TREATMENT FACILITY REQUIREMENTS:

- [] Operator has not obtained an onsite medical waste treatment permit from the County. 117950, 118130, 118155, and CCR 65620 V4049 W
[] Must maintain an updated and complete copy of the medical waste treatment permit onsite and available for review. CCR 65621(f), 65623, 118165, and 118180 V4050 W
[] Did not comply with a condition of the medical waste treatment permit issued by the County. CCR 65623 V4051 W

PHOTOCHEMICAL and HAZARDOUS WASTE MGMT. AND DISPOSAL:

- [] Illegal disposal of photoprocessing/ hazardous waste to the sewer, trash, etc. 25189.5 V4052 W
[] Generator has not maintained waste disposal records, e.g. manifests/milk-run receipts, onsite for 3 years. 66262.40 V4053 W
[] Generator has not obtained an EPA Identification Number from the State DTSC for hazardous waste generation, e.g. photoprocessing/hazardous waste. 66262.12 V4054 W
[] Generator did not properly label the container holding hazardous waste. 66262.34 V4055 W
[] Generator did not maintain the container holding hazardous waste tightly closed except when adding or removing waste. 66265.173 V4056 W
[] Generator did not submit a notification to the County prior to treating photochemical waste onsite (e.g. > 10 gallons/month; tiered permitting). 25201.5 V4057 W

SMALL QUANTITY GENERATOR REQUIREMENTS: (< 200 pounds per month of waste)

- [] Medical Waste Management Plan has not been submitted to County HMMD (Annual Requirement) 68.1206 and 117935 V4025 W
[] Must maintain and show proof of "onsite" medical waste treatment records for 3 years. 118215 and 117943 V4026 W
[] Generator did not retain on file disposal receipts and/or tracking documents for waste shipped offsite for at least 2 years. 117945 V4027 W
[] Need to apply for and receive a limited-quantity hauling exemption for "self-hauled" medical waste (< 20 pounds of waste per week). 118030 and 118025 V4028 W
[] Did not renew a limited-quantity hauling exemption annually. 118030 V4029 W
[] Storage time exceeded for full sharps container(s), e.g. greater than 7 days at room temperatures (for > 20 pounds/month generator). 118285 V4030 W
[] Storage time exceeded for red bag waste, e.g. more than 7 days at room temperature (> 20 pounds/month generator). 118280 V4031 W
[] Very small quantity generator (e.g. < 20 pounds per month) improperly storing waste for greater than 30 days onsite at room temperature. 118280 V4032 W

ESTABLISHMENT REPRESENTATIVE

6-22-01 DATE SIGNED

MATERIALS ASSOC. TITLE



COUNTY OF SAN DIEGO

EST. NUMBER H 3618K

COMPLIANCE INSPECTION REPORT

DATE 6/22/01PAGE 4 OF 4BUSINESS ADDRESS: 11011 N. Torrey Pines Rd. La Jolla CA 92037

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19/22/23 of the California Code of Regulations (CCR), Chapters 6.5, 6.7, 6.95 of the Health and Safety Code (HSC), and/or the San Diego County Code (SDCC).

I HAZARDOUS WASTE REQUIREMENTS:

RECORD KEEPING

- Health Permit not obtained SDCC 68.905 **V0108 W**
- No EPA Identification Number 66262.12 **V0105 W**
- Waste Manifests/Receipts not on-site for 3 years 66262.40 **V0118 W**
- Manifest not properly completed 66262.23 **V0120 W**
- Manifest copy not sent to DTSC 66262.23 **V0115 W**
- TSDF signed-manifest not on-site 66262.40 **V0121 W**
- Biennial report not sent to DTSC 66262.41 **V0122 W**
- LDR Documentation not available 66268.7 **V0123 W**
- Exception Rpt. not filed with DTSC 66262.42 **V0116 W**
- Operating TSDF without authorization 25201 **V0124 W**

STORAGE AND HANDLING

- Waste stored longer than 90, 180, or 270 days 66262.34 **V0221 W**
- Failure to clean up hazwaste off of floor surface 66262.10b **V0313 W**
- Waste container missing/improperly labeled 66262.34 **V0222 W**
- Haz. Materials not properly labeled 25124 **V0223 W**
- Waste container not kept closed 66265.173 **V0202 W**
- Waste container in poor condition 66265.171 **V0205 W**
- Waste container(s) not properly managed 66265.173 **V0210 W**
- Damaged container not repackaged 66265.171 **V0226 W**
- Container incompatible with waste 66265.172 **V0207 W**
- Incompatibles in the same container 66265.177 **V0224 W**
- Incompatibles not stored separately 66265.177 **V0213 W**
- Ignitable Waste less than 50 feet 66265.176 **V0214 W**
- Ignitable Waste not grounded 66265.31 **V0215 W**
- Storage area not inspected weekly 66265.174 **V0216 W**

DISPOSAL AND TRANSPORTATION

- Unauth. disposal of waste to 25189.5 **V0313 W**
- Waste determination not made 66262.11 **V0319 W**
- Unlawful transport of haz. waste 25163 **V0315 W**
- Waste transported without manifest 66262.20 **V0316 W**
- Extremely Haz Waste Permit not obtained 25205.7 **V0317 W**

TRAINING, CONTINGENCY PLAN & EMERGENCY PROCEDURES

- Training records unavailable 66265.16 **V0405 W**
- Training program not adequate 66265.16 **V0406 W**
- Facility not designed to minimize release 66265.31 **V0501 W**
- Spill control equip not available 66265.32 **V0508 W**
- Aisle space is obstructed 66265.35 **V0509 W**
- Contingency plan not prepared and/or on file 66265.51, 66265.53 **V0609 W**

MISCELLANEOUS

- Waste oil contaminated 25250.7 **V0225 W**
- Used oil filters improperly managed 66266.130 **V0701 W**
- Damaged batteries improperly managed 66266.81 **V0702 W**
- Facility has failed to notify local CUPA and DTSC of onsite treatment of hazardous waste (tiered permitting) **V0125 W**
- Onsite treatment of waste without authorization 25201 **V0125 W**

III HAZARDOUS MATERIALS BUSINESS PLAN REQUIREMENTS:

RECORD KEEPING

- Health Permit not obtained SDCC 68.1105 **V2001 W**
- Business Plan not established/implemented 25503.5 **V2002 W**
- Business Plan not submitted to HMMMD 25505 **V2007 W**
- Business Plan not amended 25505 **V2003 W**
- Personnel Training Records not available 19 CCR 2732 **V2302 W**

RELEASE REPORTING

- Failure to report a release/threatened release 25507 **V2008 W**

II UNDERGROUND STORAGE TANK (UST) REQUIREMENTS:

GENERAL UST REQUIREMENTS

- Health Permit not obtained 68.1005, 25284 **V3002 T**
- Repair/modify/close permit not obtained 68.1005 **V3007 T**
- UST Permit Application not submitted 25286(a) **V3010 T**
- Operating permit conditions violated 2712 **V3011 T**
- Failed to notify HMMMD of changes 25284 **V3012 T**
- No owner/operator agreement 25284 **V3005 T**
- No records of financial coverage 25292.2 **V3013 T**
- No maint/monit/calib records available 2712(b), 2641(j) **V3001 T**
- Monitoring Equip. not tested annually 2630, 2641 **V3003 T**

MONITORING REQUIREMENTS (SINGLE WALL)

- Leak Detection Method does not meet performance standards 2643 **V3014 T**
- Integrity test not conducted 25292 **V3015 T**
- Copy of tank test not submitted to HMMMD within 30 days 2643 **V3016 T**
- Manual tank gauging (<2000 gal) 2645 not done properly **V3017 T**
- Reconciliation not done properly 2646 **V3018 T**
- Reconciliation not approved for facility 2646 **V3019 T**
- Dispenser meter(s) not calib annually 2646 **V3020 T**
- Improper liquid measurements 2646 **V3021 T**
- Stick in poor condition 2646 **V3022 T**
- Improper monthly reconciliation 2646 **V3023 T**
- Failed to report excessive variation 2646 **V3024 T**
- Pressurized Product Piping Leak Device not tested annually 25292 **V3025 T**
- No written monitoring procedure 2641 **V3027 T**
- No written emergency response plan 2641 **V3027 T**
- SIR reporting incorrectly done 2646.1 **V3004 T**

MONITORING REQUIREMENTS (DOUBLE WALL)

- Monitoring system not functional 2632 **V3026 T**
- No written monitoring procedure 2632 **V3027 T**
- Written emergency response plan not available 2632 **V3028 T**
- Spill/Overfill equip. not maintained or installed 2635 **V3029 T**

RELEASE REPORTING

- Failure to report an unauthorized release 25295 **V3009 T**
- Release record log not available 2651, 2650 **V3030 T**
- No leak report/investigation/action 2652 **V3031 T**

CLOSURE

- Temporary closure req. not completed 2671 **V3006 T**
- Unused tank not properly closed 25298 **V3032 T**
- Permanent closure req. not completed 2672 **V3033 T**
- Failed to apply for temporary closure 25298 **V3008 T**

BUSINESS PLAN ELEMENTS

- Emergency Response Plan inadequate 25504 **V2201 W**
- Emergency Contacts not provided/current 25509 **V2203 W**
- Personnel Training Program inadequate 25504 **V2301 W**
- Inventory is incomplete 25504 **V2005 W**
- Site Map is not sufficient 25509 **V2202 W**
- Acutely Haz. Mat. not registered 25533 **V2009 W**

ALL VIOLATIONS MUST BE CORRECTED. PLEASE CALL (619) 338-2222 OR YOUR INSPECTOR IF YOU HAVE ANY QUESTIONS.

[Signature]
 ESTABLISHMENT REPRESENTATIVE

6-22-01
 DATE SIGNED

MATERIALS ASSOC.
 TITLE

Department of Environmental Health, Hazardous Materials Management Division, P. O. Box 129261, San Diego, CA 92112-9261

DISTRIBUTION: WHITE-RETURN TO HMMMD
 YELLOW-BUSINESS RETAINS



City of San Diego

Planning & Development Review

Hazardous Materials Questionnaire

File

OFFICE USE ONLY
 # 36185
 BP DATE 1/1
 SAM
 APCD

THE CITY OF SAN DIEGO

Business Name SkyePharma, Inc.		Contact Person Alex Pietrogio Vanna		Telephone (858) 625-2424	
Mailing Address 10450 Science Center Drive		City San Diego	State CA	Zip 92121	Plan File # A105193-01
Project Address 11011 N. Torrey Pines Road		City La Jolla	State CA	Zip 92037	Permit #

PART I: CITY OF SAN DIEGO PLANNING & DEVELOPMENT REVIEW - FIRE HAZARDOUS MATERIALS PLAN CHECK: OCCUPANCY CLASSIFICATION

Will your business use, store or dispense any of the following hazardous materials? If any of the items is circled (except item 15), a San Diego Fire Department Hazardous Materials Information Sheet (form FPB-500) must be submitted with your project for review to: Planning & Development Review, Fire Hazardous Materials Plan Check, 1222 First Avenue 4th Floor, San Diego, CA 92101 (619) 446-5438.

- | | | |
|-------------------------------------|----------------------------------|-------------------------------------|
| 1. Explosives or Blasting Agents | 6. Oxidizers | 11. Highly Toxic or Toxic Materials |
| 2. Compressed Gases | 7. Pyrophorics | 12. Radioactives |
| 3. Flammable or Combustible Liquids | 8. Unstable (reactive) Materials | 13. Corrosives |
| 4. Flammable Solids | 9. Water-Reactives | 14. Other Health Hazards |
| 5. Organic Peroxides | 10. Cryogenics | 15. None of These Items |
- H36185
BP two weeks before final

PART II: SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH - HAZARDOUS MATERIALS DIVISION (HMD):

If the answer to any of the questions below is yes, applicant must contact the County of San Diego Hazardous Materials Division, 1225 Imperial Avenue, 3rd floor, San Diego, CA 92101. Telephone (619) 338-2222 or Regional Permit Assistance Center, 1222 First Ave 4th floor, San Diego, CA 92101 (619) 236-5938 prior to the issuance of a building department permit.

(FEES MAY BE REQUIRED)

- | | | |
|--|-------------------------------------|--|
| YES | NO | |
| 1. <input checked="" type="checkbox"/> | <input type="checkbox"/> | Is your business type listed on the reverse side of this form? |
| 2. <input checked="" type="checkbox"/> | <input type="checkbox"/> | Will your business dispose of Hazardous Substances or Medical Wastes in any amount? |
| 3. <input checked="" type="checkbox"/> | <input type="checkbox"/> | Will your business store, or handle Hazardous Substances in quantities equal to or greater than 55 gallons, 500 pounds, 200 cubic feet or carcinogens/reproductive toxins in any quantity? |
| 4. <input type="checkbox"/> | <input checked="" type="checkbox"/> | Will your business use an existing or install an underground storage tank? |
| 5. <input checked="" type="checkbox"/> | <input type="checkbox"/> | Will your business store, use or handle Regulated Substances (CalARP)? |
| 6. <input type="checkbox"/> | <input checked="" type="checkbox"/> | Will your business use or install a Hazardous Waste Tank System (Title 22, Article 10)? |

OFFICE USE ONLY

Cal ARP Exempt

Date _____ Initials _____

Cal ARP Required

Date _____ Initials _____

Cal ARP Completed

Date _____ Initials _____

PART III: SAN DIEGO AIR POLLUTION CONTROL DISTRICT

If the answer to any of the questions below is yes, applicant must contact the Air Pollution Control District, 9150 Chesapeake Drive, San Diego, CA 92123. Telephone (619) 694-3340 prior to the issuance of a building permit.

- | | | |
|-----------------------------|-------------------------------------|--|
| YES | NO | |
| 1. <input type="checkbox"/> | <input checked="" type="checkbox"/> | Will the intended occupant install or use any of the equipment listed on the Listing of Air Pollution Control District Permit Categories, on the reverse side of this form? |
| 2. <input type="checkbox"/> | <input type="checkbox"/> | (ANSWER ONLY IF THE ANSWER TO QUESTION 1 IS YES) Will the subject facility be located within 1,000 feet of the outer boundary of a school (K thru 12) as listed in the current Directory of School and Community College Districts, published by the San Diego County Office of Education and the current California Private School Directory, compiled in accordance with provisions of Education Code Section 33190? |
| 3. <input type="checkbox"/> | <input checked="" type="checkbox"/> | Does the building or structure for which this demolition permit is requested contain any friable asbestos? |

Briefly describe business activity and proposed project:

Pharmaceutical Manufacturing Cancer drug

Name of Owner or Authorized Agent

Randal Rasmussen

Signature of Owner or Authorized Agent:

Randal Rasmussen

Date

3/16/01

I declare under penalty of perjury that to the best of my knowledge and belief the responses made herein are true and correct.

FOR OFFICIAL USE ONLY: FIRE DEPARTMENT OCCUPANCY CLASSIFICATION:

EXEMPT OR NO FURTHER INFORMATION REQUIRED COUNTY HMD APCD		RELEASED FOR BUILDING PERMIT BUT NOT FOR OCCUPANCY COUNTY HMD APCD		RELEASED FOR OCCUPANCY COUNTY HMD APCD	
			<p>Register and list even Clarify Manufacturing Process-Permit May be required</p>		



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 1 OF DATE 9/23/02
 PERMIT # 136185
 TIME START 1000 END 1200
 BUS. CODE K67
 SPECIALIST HATHN
 INSPECTION CONTACT/TITLE Wayne York / EHS
 PHONE: (958) 625-2424
PRSD 11/1/02 MK

BUSINESS NAME Styepharma Inc
 ADDRESS 11011 N. Torrey Pines Rd
 CITY/ZIP LJ 92037

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (HSC) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

- | | | | | | |
|-------------------------------------|--------------------------|--|-------------------------------------|--------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Unified Program Facility Permit current and available | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Permit Expires on: <u>2/28/03</u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Hazardous Materials Business Plan available | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Contingency Plan available |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Employee Training is adequate | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Employee Training records available |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste disposal records available for review | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers kept closed |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Emergency contacts current <input checked="" type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers kept labeled |
| <input type="checkbox"/> | <input type="checkbox"/> | Chemical inventory current <input type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers in good condition |

Paperwork kept @ main building ^{OCT 16 2002}
 10450 Science Center Dr

No violations observed on this day

RB: PAPERWORK KEPT AT MAIN BLDG. CALL IN A.M.

This is an annual certification that the Hazardous Materials Business Plan (inventory, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored.

Initials of Business Representative WY

Wayne York
 Signature of Business Representative

9-23-02
 Date Signed

EHS ASSOC.
 Title

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261; (619) 338-2222; sdcdeh.org



SAN DIEGO COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH - CUPA
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(619) 338-2222 FAX (619) 338-2377
1-800-253-9933

BUSINESS OWNER/OPERATOR IDENTIFICATION

Page 1 of 1

I. IDENTIFICATION

FACILITY ID#	3 7 0 0 0 3 6 1 8 5	BEGINNING DATE	10-01-2003	ENDING DATE	
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)	SkyePharma Inc.			BUSINESS PHONE	858 625-2424
BUSINESS SITE ADDRESS	11011 N. Torrey Pines Road				
CITY	La Jolla	CA	ZIP CODE	92037	
DUN & BRADSTREET	78-329-8615	SIC CODE (4 digit #)	3254		
COUNTY	San Diego				
BUSINESS OPERATOR NAME	SkyePharma Inc.			BUSINESS OPERATOR PHONE	858 625-2424

II. BUSINESS OWNER

OWNER NAME	SkyePharma Inc.			OWNER PHONE	858 625-2424
OWNER MAILING ADDRESS	10450 Science Center Drive				
CITY	San Diego	STATE	CA	ZIP CODE	92121

III. ENVIRONMENTAL CONTACT

CONTACT NAME	Garrett G. McLeish			CONTACT PHONE	858 625-2424 ext 3368
CONTACT MAILING ADDRESS	10450 Science Center Drive				
CITY	San Diego	STATE	CA	ZIP CODE	92121

IV. EMERGENCY CONTACTS

-PRIMARY-		-SECONDARY-	
NAME	Garrett G. McLeish	NAME	Brian Lihou
TITLE	Manager, Environmental Health & Safety	TITLE	Sr. Manager, Manufacturing
BUSINESS PHONE	858 625-2424 ext.3368	BUSINESS PHONE	858 625-2424 ext. 2218
24-HOUR PHONE	[REDACTED]	24-HOUR PHONE	[REDACTED]
	n/a		n/a

ADDITIONAL LOCALLY COLLECTED INFORMATION: E-MAIL: *	garrettm@skypepharma.com	E-MAIL: *	
--	--------------------------	-----------	--

*This information is optional and will remain confidential. Complete if you want to receive periodic program updates from HMD.
ALWAYS SUBMIT A COPY OF THIS COMPLETED PAGE WITH SUBMITTAL OF ANY OTHER UNIFIED PROGRAM CONSOLIDATED FORM.

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE	134	NAME OF DOCUMENT PREPARER	135
	10/01/03		Garrett G. McLeish	
NAME OF SIGNER (prim)	136	TITLE OF SIGNER	137	
Garrett G. McLeish		Manager, Environmental Health & Safety		

RECEIVED

2003 DEC 22 AM 9 55

D. E. H.
MAILROOM





COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

LOF DATE 11/25/03
 PERMIT # 136185
 TIME START 11:00 END 12:00
 BUS. CODE 167
 SPECIALIST HAN
 INSPECTION CONTACT/TITLE Garrett McLeish EHS
 PHONE: (619) 625-2424
PRD-3/11/04 Stanton

BUSINESS NAME Skypepharma, Inc
 ADDRESS 11011 N. Torrey Pines Rd
 CITY/ZIP LA 92037

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (HSC) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

- | | | | | | |
|-------------------------------------|--------------------------|--|-------------------------------------|--------------------------|-------------------------------------|
| Y | N/A | | Y | N/A | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Unified Program Facility Permit current and available | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Permit Expires on: <u>21 FEB 04</u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Hazardous Materials Business Plan available | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Contingency Plan available |
| <input type="checkbox"/> | <input type="checkbox"/> | Employee Training is adequate | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Employee Training records available |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste disposal records available for review | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers kept closed |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Emergency contacts current <input checked="" type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers kept labeled |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Chemical inventory current <input type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers in good condition |

Routine inspection

NOTICE TO COMPLY

Observations, Violations + Corrective Action

- ① Pharmaceutical waste not properly labeled.
This must be labelled "PHARM. WASTE INCINERATE ONLY"
- ② Medical Waste Management Plan not available
- Please submit update MUMP and maintain copy for inspector review -

REMARKS:

- Garrett G. McLeish is the new EHS mgr and is in process of changing / updating site
- 1 red biohazard bag was observed unlabeled - this was labeled during inspection
- Submit annual carcinogen report

This is an annual certification that the Hazardous Materials Business Plan (inventory, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored.

Initials of Business Representative

[Signature]
Signature of Business Representative

11/25/03
Date Signed

MGR., EHS
Title



COUNTY OF SAN DIEGO

MEDICAL WASTE REQUIREMENTS COMPLIANCE INSPECTION REPORT

PERMIT # 136185
 DATE 11/25/03
 PAGE 2 OF 2

BUSINESS ADDRESS: 11011 N. Torrey Pines #130

ZIP: 92037

VIOLATION REPORT: The items checked below refer to specific section numbers of the California Health and Safety Code Sections 25100 and 117600 et. al.; the San Diego County Code of Regulatory Ordinances Sections 68.1201 et. al.; and the California Code of Regulations, Title 22 Sections 65600 et. al.

All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form to document your return to compliance. Your Specialist can provide these forms. Please call (619) 338-2222 or your Specialist if you have any questions.

STORAGE AND LABELING

Viol #	VIOL	VIOLATION DESCRIPTION
<input type="checkbox"/>	V4201	UPF Permit not obtained. 117705, 68.905
<input type="checkbox"/>	V4202	Medical Waste (MW) not separated from other waste at point of origin. 118275
<input type="checkbox"/>	V4203	Enclosure or designated accumulation area for MW containers not secured. 118310
<input type="checkbox"/>	V4204	MW storage area not posted with an approved and legible biohazardous waste "warning sign" in English and Spanish. 118310
<input type="checkbox"/>	V4205	Medical SOLID WASTE not secured to deny access to unauthorized persons. 68.1211
<input type="checkbox"/>	V4206	Spill of MW not properly cleaned up. 118300
<input type="checkbox"/>	V4207	Sharps not stored in approved and properly marked sharps container. 118275
<input type="checkbox"/>	V4208	Full sharps container not taped closed or tightly-lidded to preclude loss of contents. 118285
<input type="checkbox"/>	V4209	Red bags/sharps container not labeled with generator's name, address, and phone number. 68.1205, 68.1206
<input type="checkbox"/>	V4210	MW not stored in approved and properly marked red bags. 118275
<input type="checkbox"/>	V4211	Red bags not tied off to prevent leakage/expulsion of contents during handling and storage. 118280
<input type="checkbox"/>	V4212	Red bags not containerized in rigid, leak resistant, and covered containers or bins. 118280
<input type="checkbox"/>	V4213	Waste container/bin not labeled on the lid and side so as to be clearly visible. 118280
<input type="checkbox"/>	V4214	Reusable containers/bins for MW storage not kept clean/sanitary. 118295, 118305
<input type="checkbox"/>	V4215	Frozen MW stored >90 days. 118280

SMALL QTY. GENERATOR REQUIREMENTS (<200 lbs/mo MW)

Viol #	VIOL	VIOLATION DESCRIPTION
<input type="checkbox"/>	V4301	Medical Waste Mgmt. Plan (MWMP) not submitted to HMD (initial/updates if onsite treatment). 117935
<input type="checkbox"/>	V4302	Did not maintain and show proof of "onsite" medical waste treatment records for 3 years. 118215, 117943
<input type="checkbox"/>	V4303	Did not retain on file disposal receipts/tracking documents for waste shipped offsite for 2 yrs. 117945
<input type="checkbox"/>	V4304	No LQHE for "self-hauled" MW (<20 pounds of waste/wk). 118030, 118025
<input type="checkbox"/>	V4305	LQHE not renewed annually as required. 118030
<input type="checkbox"/>	V4306	Full sharps container stored >7 days at room temperature (for generators of >20lbs/month). 118285
<input type="checkbox"/>	V4307	Red bag waste stored >7 days at room temperature (for generators of >20lbs/month). 118280
<input type="checkbox"/>	V4308	Very small quantity generator (VSQG)(<20 lbs/mo.) storing MW for >30 days at room temperature. 118280
<input checked="" type="checkbox"/>	V4309	MWMP or equivalent information not onsite. 117945
<input type="checkbox"/>	V4310	Red bag waste stored >90 days at 0°C/32°F. 118280

LARGE QUANTITY GENERATOR REQUIREMENTS

(≥ 200 pounds of waste generated per month)

Viol #	VIOL	VIOLATION DESCRIPTION
<input type="checkbox"/>	V4351	MWMP not submitted to HMD (initial/updates). 117950, 117960, 117970
<input type="checkbox"/>	V4352	Records of MW treatment not available for 3 years. 118215, 117975
<input type="checkbox"/>	V4353	No disposal receipts/tracking documents for waste shipped offsite for at least 3 years. 117975
<input type="checkbox"/>	V4354	Full sharps container stored >7 days at room temp. 118285
<input type="checkbox"/>	V4355	Red bag waste stored >7 days at room temp. 118280

TREATMENT AND DISPOSAL

Viol #	VIOL	VIOLATION DESCRIPTION
<input type="checkbox"/>	V4251	MW treated by unapproved method/procedure. 118215
<input type="checkbox"/>	V4252	Standardized written operating procedures for steam sterilization not available. 118215
<input type="checkbox"/>	V4253	Recording thermometer not calibrated annually. 118215
<input type="checkbox"/>	V4254	No records of thermometer calibration checks for at least 3 years. 118215
<input type="checkbox"/>	V4255	Heat-sensitive tape/other approved method not used for each load treated onsite. 118215
<input type="checkbox"/>	V4256	Monthly biological indicator or other approved method not used to confirm proper disinfection. 118215
<input type="checkbox"/>	V4257	Onsite Steam Sterilization did not reach 121°C/250 °F for 30 minutes. 118215
<input type="checkbox"/>	V4258	Treatment records/logs of dates, time and temperature not available for 3 yrs. 118215
<input type="checkbox"/>	V4259	Disposal of untreated MW to an unauthorized point. 118340
<input type="checkbox"/>	V4260	Transportation of MW without State Hauler Registration or a Limited Quantity Hauler Exemption (LQHE) from HMD. 118025

PATHOLOGY, CHEMOTHERAPY, PHARMAC. & HAZ. WASTE

Viol #	VIOL	VIOLATION DESCRIPTION
<input type="checkbox"/>	V4401	Chemo waste not segregated from other MW. 118275
<input type="checkbox"/>	V4402	Chemo waste container not properly labeled. 118275
<input type="checkbox"/>	V4403	Illegal disposal of chemo waste. 118340
<input type="checkbox"/>	V4411	Pathology waste not segregated from other MW. 118275
<input type="checkbox"/>	V4412	Pathology waste container not properly labeled. 118275
<input type="checkbox"/>	V4413	Illegal disposal of pathology waste. 118340
<input checked="" type="checkbox"/>	V4421	Pharmwaste not segregated from other MW. 118275g
<input checked="" type="checkbox"/>	V4422	Pharmwaste not properly labeled. 118275(g)
<input type="checkbox"/>	V4423	Pharmwaste stored >90 days. (≥ 10 lbs/yr) 118280(e)
<input type="checkbox"/>	V4431	VSQG of pharmwaste (<10 lb/yr) stored >1yr. 118280(e)
<input type="checkbox"/>	V4432	Illegal disposal of pharmaceutical waste. 118340, 118222
<input type="checkbox"/>	V4441	Illegal disposal of photo/hazwaste to sewer/trash. 25189.5

ONSITE MW TREATMENT FACILITY REQUIREMENTS

Viol #	VIOL	VIOLATION DESCRIPTION
<input type="checkbox"/>	V4501	Onsite MW treatment permit not obtained. 117950, 118130, 118155, 65620
<input type="checkbox"/>	V4502	Current copy of the MW treatment permit not available. 65621(d), 65623, 118165, 118180
<input type="checkbox"/>	V4503	Condition(s) of the MW treatmt. permit violated. 65623

SIGNATURE OF BUSINESS REPRESENTATIVE [Signature]

DATE SIGNED 11/25/03

TITLE OF BUSINESS REPRESENTATIVE MGR. E.H.S

DATE 12-01-03



OFFICE USE ONLY
H. 136185

MEDICAL WASTE MANAGEMENT PLAN

Business Name: SKYEPHARMA, INC. Type of Business/Practice: PHARMACEUTICAL MFG.

Site Address: 11011 N. TORREY PINES ROAD Zip: 92037 Phone: (858) 625-2424

Contact Person: GARRETT G. Mc LEISH Title: MANAGER, EHS

24 Hour Emergency Phone: (858) 967-516446 (CELL)

GENERATION AND STORAGE OF BIOHAZARDOUS WASTE:

Describe below the type and quantity of biohazardous waste generated and managed at this facility. SEE SAMPLE PLAN AND ATTACHMENT FOR DEFINITION OF TERMS USED IN THIS PLAN

MEDICAL WASTE TYPE	QUANTITY (lbs/month)	STORAGE (container type)	TREATMENT METHOD	ON-SITE	OFF-SITE	HAULER NAME*
BIOHAZARDOUS WASTE Sharp Waste Needles/syringes/slides	1 lb.	SHARPS CONTAINERS	AUTOCCLAVING LANDFILL		✓	STENICYCLE
Non-sharp Waste Articles containing Fluid Blood (gauze, bandages, tubing, etc.)	N/A					
Solids (cultures, lab waste, etc.)	25 lbs.	RED BAGS	AUTOCCLAVING LANDFILL		✓	STENICYCLE
Liquids (urine, etc.)	2 lbs	GLASS FLASK	SEWER	✓		
Trace chemotherapy waste						
Contaminated animal carcasses						
Other						
MEDICAL SOLID WASTE Gloves, empty specimen containers, gauze with dry blood, treated biohazardous waste	N/A		N/A	N/A	N/A	

* If applicable, attach a copy of biohazardous waste hauler contract or Limited Quantity Hauler exemption.

Biohazardous WASTE STORAGE LOCATION: [Please check the appropriate box(es)].

Biohazardous Waste: Inside establishment in secured area Outside in posted, secure area
Medical Solid Waste: Inside establishment Outside in Locked/secured dumpster

PERSONNEL TRAINING:

All personnel handling biohazardous waste have been trained in all aspects of this management plan. Training includes the legal definition of biohazardous waste, separation and proper storage, transportation, treatment, and disposal of biohazardous waste. Documentation for completed employee training will be kept onsite.

CERTIFICATION STATEMENT:

I certify that the above management plan is complete and accurate, and that this business will adhere to all aspects of the plan. I further understand that any violation of this plan or any applicable law or regulation may result in legal action.

SIGNATURE OF RESPONSIBLE PERSON

GARRETT G. McLEISH

NAME OF RESPONSIBLE PERSON (please print or type)

TITLE

MANAGER, EHS

DATE

DISTRIBUTION: WHITE - RETURN TO HMD
YELLOW - BUSINESS RETAINS

RECEIVED

2003 DEC 29 AM 9 41

D. E. H.
MAILROOM

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...	A/1
...	0.25
...	11

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...



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

ENTERED SEP 27 2005

PAGE 1 OF 1 DATE 8/11/05
 PERMIT # 136185
 TIME START 1030 END 1pm
 BUS. CODE K67
 SPECIALIST Maschwe
 INSPECTION CONTACT/TITLE Garrett M Leish, EHS
 PHONE: 858, 625-2424
 mmantia

BUSINESS NAME Skyepharma, Inc.
 ADDRESS 11011 N. Torrey Pines Rd. #130
 CITY/ZIP La Jolla 92037

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (HSC) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

- | | | | | | |
|---|------------------------------|--|---------------------------------------|------------------------------|--------------------------------------|
| <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N/A | <input type="checkbox"/> Unified Program Facility Permit current and available | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N/A | Permit Expires on: <u>28 Feb, 06</u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Hazardous Materials Business Plan available | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Contingency Plan available |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Employee Training is adequate | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Employee Training records available |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Waste disposal records available for review | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers kept closed |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> Emergency contacts current <input checked="" type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers kept labeled |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> Chemical inventory current <input checked="" type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers in good condition |
| <input type="checkbox"/> All violations noted on this compliance inspection report were corrected during this inspection. | | | | | |

Routine Medical and Hazardous Waste and Hazardous Materials inspection
 RECEIVED-SEP-2-2-2005

* Please provide the amount of liquid nitrogen in cubic feet (or litres or gallons) to be in the large dewar at 11011 N. Torrey Pines Rd #130, to my attention - e-mail is fine - manon.maschwe@sdcounty.ca.gov

* Submit carcinogen report annually - reporting on prior years volume. or submit a Certification of No Change form - annually. one form will be provided by e-mail.

Signing here - will certify for 2004 x [Signature]
 Medical waste tracking documents and equivalent MWMMP are on site.
 No violations -

This is an annual certification that the Hazardous Materials Business Plan (inventory, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored.

Initials of Business Representative [Signature]

Signature of Business Representative [Signature] Date Signed 8, 11, 05 Title of Business Representative MGR. EN'S

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
 Phone: (619) 338-2222 Fax: (619) 338-2137 1-800-253-9933 <http://www.sdcounty.ca.gov/dch/hmd/index.html>



COUNTY OF SAN DIEGO

CORRECTIVE ACTION FORM TO DOCUMENT RETURN TO COMPLIANCE

MIT # 130185
 SPECIALIST Hahn
 INSPECTION DATE: 11/25/03
 CONTACT Garrett McLeish

BUSINESS NAME Skye Pharma Inc

ADDRESS 11011 N. TORREY PINES CITY LJ ZIP 92037

VIOL #	DATE CORRECTED	INDICATE HOW VIOLATIONS WERE CORRECTED (ATTACH ANY SUPPORTING DOCUMENTATION TO THIS FORM)
1 4309	12/1/03	called + said completed
2 4422	12/1/03	sent MWMP
3		
4		
5		
6		
7		
8		
9		
10		

I certify under penalty of law that this business/site has corrected all violations marked on the Compliance Inspection Report /Notice of Violation. I have personally examined and am familiar with the information submitted and believe the information is true, accurate and complete. I am authorized to file this certification for the business/site, and am aware that there are significant penalties for submitting false information.

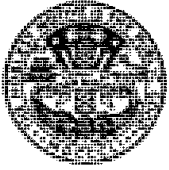
Responsible Party (Print Name): _____ Job Title _____

Signature of Responsible Party: _____ Date: 1 / 1 / _____

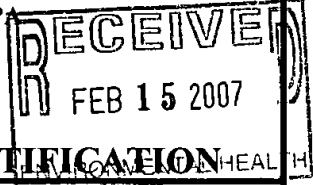
< Mail completed form and supporting documentation to the address listed below >

COUNTY OF SAN DIEGO USE ONLY: Reviewed by: [Signature] Date: 1/14/04
 Specialist's comments: Business called + sent MWMP

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261; (619) 338-2222; 1-800-253-9933



**SAN DIEGO COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH-CUPA
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
1-800-253-9933 (619) 338-2222 FAX (619) 338-2377**



HAZARDOUS MATERIALS BUSINESS PLAN CERTIFICATION

The California Health & Safety Code (H&SC), Division 20, Chapter 6.95, Section 25505 provides for the following:
The San Diego County, Department of Environmental Health, Hazardous Materials Division (HMD), as the administering agency, requires a business that handles hazardous materials to submit the hazardous materials inventory, a list of emergency contacts, and a site plan, in lieu of a complete Hazardous Materials Business Plan (HMBP), only after the initial submittal of a complete HMBP. The business must certify that a complete HMBP has been prepared and is maintained at the site where the hazardous materials are stored. A complete HMBP includes the items to be submitted to the HMD and an Emergency Response Plan and Employee Training Plan, as established in H&SC Section 25504. The business must also annually certify that the HMBP is current and maintained on site. See Back for instructions and further clarification.

I. IDENTIFICATION

FACILITY ID#	3	7	0	0	0	1	3	6	1	8	5		
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)	SkyePharma Inc.												
BUSINESS SITE ADDRESS	11011 North Torrey Pines Road												
CITY	104	CA	ZIP CODE	105									
La Jolla			92037										

II. CERTIFICATION STATEMENT

CARCINOGEN/REPRODUCTIVE TOXIN ANNUAL RENEWAL WITHOUT CHANGES: This is an annual renewal to certify that the list of carcinogens and/or reproductive toxins last provided is a current list as specified in the San Diego County Code of Regulatory Ordinances Section 68.1113.

Check only one of the following boxes:

INITIAL CERTIFICATION: This is to certify (H&SC Section 25505(e)(1)) that a complete HMBP, which includes the hazardous materials inventory, a list of emergency contacts, a site plan, emergency response plan, and employee training plan, has been prepared and is maintained at the site where the hazardous materials are stored.

ANNUAL CERTIFICATION WITHOUT CHANGES: This is an annual certification (H&SC Section 25505(d)&(e)(2)) that the HMBP, which includes the hazardous materials inventory, a list of emergency contacts, a site plan, emergency response plan, and employee training plan, is current and includes all the information required in H&SC Section 25504, and 25509, and is maintained at the site where the hazardous materials are stored.

CERTIFICATION OF CHANGES/REVISIONS: This is to certify that the HMBP has been reviewed (H&SC Section 25505(c) & 25510) and all necessary changes/revisions have been made. The HMBP is current and is maintained at the site where the hazardous materials are stored. Attached are changes to the hazardous materials inventory and/or list of emergency contacts. For site map revisions, submit only the pages that have a change or revision and attach to this certification. This submittal satisfies annual certification requirements specified in H&SC Section 25505(d)&(e)(2).

AS AN AUTHORIZED REPRESENTATIVE, I CERTIFY UNDER THE PENALTY OF LAW, THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED AND BELIEVE THE INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE
	2/12/2007
NAME OF SIGNER (print)	TITLE OF SIGNER
Garrett McLeish	Manager, Env. Health & Safety

O F F I C E U S E	INSTRUCTIONS TO CLERICAL STAFF FOR HMBP ACCEPTANCE	<input type="checkbox"/> Site Map _____ / _____ / _____ <input type="checkbox"/> *Emergency Contacts _____ / _____ / _____ <input type="checkbox"/> *Chemical Inventory _____ / _____ / _____	<p>*Note: Indicate the date that the inventory and/or ER contact information in the KIVA database was reviewed and changes were submitted for processing. If the inventory and ER contact information are exactly the same as it is recorded in KIVA, no changes need to be submitted.</p> <p>Hazardous Materials Business Plan acceptance date will be changed to the acceptance date on new site map. A letter will be mailed to business after processing of site map updates.</p>
	HIRT SITE <input type="checkbox"/> **	Specialist's Signature: (only required for new plans or for changes to site maps, chemical inventory and/or emergency contacts)	
	FIRE DIST. _____	REMARKS: _____	

** If HIRT box is checked, follow HIRT policy to indicate on the inventory forms which hazardous materials make this a HIRT site.



ENTERED MAR 07 2007
COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 1 OF 2 DATE 2/23/07
PERMIT # 136185
TIME START 1005 END 1254
BUS. CODE K67
SPECIALIST MIKE MANN
INSPECTION CONTACT/TITLE
GARRETT MCLEISH / EH & S MGR.
PHONE: (858) 625-2424

BUSINESS NAME SKYE PHARMA, INC.
ADDRESS 11011 N. TORREY PINES RD. #130
CITY/ZIP LA JOLLA 92037

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (HSC) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

- | | | | | | |
|-------------------------------------|--------------------------|--|-------------------------------------|--------------------------|-------------------------------------|
| Y | N/A | | Y | N/A | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Unified Program Facility Permit current and available | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Permit Expires on: 28/FEB/08 |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Hazardous Materials Business Plan available | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Contingency Plan available |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Employee Training is adequate | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Employee Training records available |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste disposal records available for review | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers kept closed |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Emergency contacts current <input type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers kept labeled |
| <input type="checkbox"/> | <input type="checkbox"/> | Chemical inventory current <input checked="" type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers in good condition |

ROUTINE INSPECTION

- NO VIOLATIONS WERE OBSERVED DURING THIS INSPECTION.
- THE HAZARDOUS MATERIALS INVENTORY WAS UPDATED TO INCLUDE THE 60 GALLONS OF ISOPROPANOL.
- THE HAZARDOUS MATERIALS BUSINESS PLAN WAS REVIEWED TODAY.
- A CURRENT MEDICAL WASTE MANAGEMENT PLAN IS ONSITE.

RECEIVED FEB 28 2007

This is an annual certification that the Hazardous Materials Business Plan (inventory, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored.

[Signature]
Initials of Business Representative

[Signature]
Signature of Business Representative

2/23/07
Date Signed

EH&S MGR.
Title of Business Representative

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (619) 338-2222 Fax: (619) 338-2377 1-800-253-9933 <http://www.sdcounty.ca.gov/deh/hmd/index.html>



MEDICAL WASTE REQUIREMENTS COMPLIANCE INSPECTION REPORT

Permit #	1	3	6	1	8	5
Employee #	M	M	A	N	N	
Date	0	2	1	2	3	107

Business Address 11011 N. TORREY PINES RD. #130, LA JOLLA Zip Code 92037

VIOLATION REPORT: The items checked below refer to specific section numbers of the California Health and Safety Code Sections 25100 and 117600 et. al.; County Code of Regulatory Ordinances Sections 68.1201 et. al.; and California Code of Regulations, Title 22 Sections 65600 et. al. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form to document your return to compliance. Your Specialist can provide these forms. Please call (619) 338-2222 or your Specialist if you have any questions.

Storage And Labeling

- | Violation | Violation Description |
|--|--|
| <input type="checkbox"/> V4201 | UPF Permit not obtained. 117705, 68.905 |
| <input type="checkbox"/> V4202 | Medical Waste (MW) not separated from other waste at point of origin. 118275 |
| <input type="checkbox"/> V4203 | Enclosure or designated accumulation area for MW containers not secured. 118310 |
| <input type="checkbox"/> V4204 | MW storage area not posted with an approved and legible biohazardous waste "warning sign" in English and Spanish. 118310 |
| <input type="checkbox"/> V4205 | Medical SOLID WASTE not secured to deny access to unauthorized persons. 68.1211 |
| <input type="checkbox"/> V4206 | Spill of MW not properly cleaned up. 118300 |
| <input type="checkbox"/> V4207 | Sharps not stored in approved and properly marked sharps container. 118275 |
| <input type="checkbox"/> V4208 | Full sharps container not taped, closed or tightly lidded to preclude loss of contents. 118285 |
| <input type="checkbox"/> V4209 | Red bags/sharps container not labeled with generator's name, address and phone number. 68.1205, 68.1206 |
| <input type="checkbox"/> V4210 | MW not stored in approved and properly marked red bags. 118275 |
| <input checked="" type="checkbox"/> V4211 | Red bags not tied off to prevent leakage/expulsion of contents during handling and storage. 118280 |
| <input type="checkbox"/> V4212 | Red bags not containerized in rigid, leak resistant and covered containers or bins. 118280 |
| <input type="checkbox"/> V4213 | Waste container/bin not labeled on the lid and side so as to be clearly visible. 118280 |
| <input type="checkbox"/> V4214 | Reusable containers/bins for MW storage not kept clean/sanitary. 118295, 118305 |
| <input type="checkbox"/> V4215 | Frozen (0C/32°F) MW stored > 90 days. 118280 |
| <input type="checkbox"/> V4306 | Full sharps container stored > 7 days at room temp. 118285 |
| <input type="checkbox"/> V4307 | Red bag waste stored > 7 days at room temperature (for generators of > 20 lbs/month). 118280 |
| <input type="checkbox"/> V4308 | Red bag waste stored > 30 days at room temperature (for generators of < 20 lbs/month). 118280 |

Treatment and Disposal

- V4251** MW treated by unapproved method/procedure. 118215
- V4252** Standardized written operating procedures for steam sterilization not available. 118215
- V4253** Recording thermometer not calibrated annually. 118215
- V4254** No records of thermometer calibration checks onsite for at least the past 3 years. 118215
- V4255** Heat-sensitive tape/other approved method not used for each load treated onsite. 118215
- V4256** Monthly biological indicator or other approved method not used to confirm proper disinfection. 118215
- V4257** Onsite Steam Sterilization did not reach 121° C/250° F for 30 minutes. 118215
- V4258** Treatment records/logs of dates, time and temperature not available for 3 years. 118215
- V4259** Disposal of untreated MW to an unauthorized point. 118340

Transportation Requirements

- | Violation | Violation Description |
|---------------------------------------|---|
| <input type="checkbox"/> V4260 | Transportation of MW without State Hauler Registration or a (LQHE) from HMD. 118025 |
| <input type="checkbox"/> V4304 | No LQHE for "self-hauled" MW (<20 pounds of waste/wk). 118030, 118025 |
| <input type="checkbox"/> V4305 | LQHE not renewed annually as required. 118030 |
| <input type="checkbox"/> V4311 | Medical Waste tracking documents not in vehicle transporting MW. 118040 |
| <input type="checkbox"/> V4312 | MW tracking documents/logs not maintained for 3 years for LQHE. 118040 |

Small Quantity Generators Only (<200 lbs/mo MW)

- V4301** Medical Waste Mgmt. Plan (MWMP) not submitted to HMD (initial/updates if onsite treatment). 117935
- V4302** Did not maintain or show proof of "onsite" medical waste treatment records for 3 years. 118215, 117943
- V4303** Did not retain on file disposal receipts/tracking documents for waste shipped offsite for 2 years. 117945
- V4309** MWMP or equivalent information not onsite. 117945

Large Quantity Generators Only (>=200 lbs/mo MW)

- V4351** MWMP not submitted to HMD (initial/updates). 117950, 117960, 117970
- V4352** Records of MW treatment not available for 3 years. 118215, 117975
- V4353** Did not retain on file disposal receipts/tracking documents for at least 3 years for waste shipped offsite. 117975

Pathology, Chemotherapy, Pharmac & Hazardous Waste

- V4401** Chemo waste not segregated from other MW. 118275
- V4402** Chemo waste container not properly labeled. 118275
- V4403** Illegal disposal of chemo waste. 118340
- V4411** Pathology waste not segregated from other MW. 118275
- V4412** Pathology waste container not properly labeled. 118275
- V4413** Illegal disposal of pathology waste. 118340
- V4421** Pharmwaste not segregated from other MW. 118275 (g)
- V4422** Pharmwaste not properly labeled. 118275(g)
- V4423** Pharmwaste stored > 90 days. (>= 10 lbs/yr). 118280(e)
- V4431** VSQG of pharmwaste (<10 lb/yr) stored > 1 yr. 118280(e)
- V4432** Illegal disposal of pharmaceutical waste. 118340, 118222
- V4441** Illegal disposal of photo/hazwaste to sewer/trash. 25189.5

Onsite MW Treatment Facility Requirements

- V4501** Onsite MW treatment to permit not obtained/renewed. 117950, 118130, 118115, 65620/65623
- V4502** Current copy of the MW treatment permit not available. 65621(f), 65623, 118165, 118180
- V4503** Condition(s) of the MW treatment permit violated. 65623

NO VIOLATIONS OBSERVED!

G. McLEISH

Signature of Business Representative

Ells Mgr.

Title of Business Representative

2/23/07
Date Signed

DEH:HM-9255(05/05)

Page 2 of 2





COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

pred 9-9-05 Loh File
 PAGE 1 OF 2 DATE 6/24/05
 PERMIT # 205116
 TIME START 9:00 END 12:00
 BUS. CODE K47
 SPECIALIST HAHN
 INSPECTION CONTACT/TITLE
 Supt. Menta Godwin
 PHONE: (858) 373-3654

BUSINESS NAME TANOX WEST INC.
 ADDRESS 11011 TORREYANA Rd
 CITY/ZIP S.D. 92121

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (HSC) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

- | | | | | | |
|---|--------------------------|---|--------------------------|--------------------------|-------------------------------------|
| Y | N/A | | Y | N/A | |
| <input type="checkbox"/> | <input type="checkbox"/> | Unified Program Facility Permit current and available | <input type="checkbox"/> | <input type="checkbox"/> | Permit Expires on: <u>1 / 1</u> |
| <input type="checkbox"/> | <input type="checkbox"/> | Hazardous Materials Business Plan available | <input type="checkbox"/> | <input type="checkbox"/> | Contingency Plan available |
| <input type="checkbox"/> | <input type="checkbox"/> | Employee Training is adequate | <input type="checkbox"/> | <input type="checkbox"/> | Employee Training records available |
| <input type="checkbox"/> | <input type="checkbox"/> | Waste disposal records available for review | <input type="checkbox"/> | <input type="checkbox"/> | Waste containers kept closed |
| <input type="checkbox"/> | <input type="checkbox"/> | Emergency contacts current <input type="checkbox"/> Updated today | <input type="checkbox"/> | <input type="checkbox"/> | Waste containers kept labeled |
| <input type="checkbox"/> | <input type="checkbox"/> | Chemical inventory current <input type="checkbox"/> Updated today | <input type="checkbox"/> | <input type="checkbox"/> | Waste containers in good condition |
| <input type="checkbox"/> All violations noted on this compliance inspection report were corrected during this inspection. | | | | | |

NEW SITE INSPECTION

SEP 01 2005

Specialist rec'd permit application and Hazardous Materials Business Plan in January 2005. Business started AB 3205 March 2005. Tenant improvement is nearly complete in Manufacturing Area. Upon completion of tenant improvement submit all paperwork through AB 3205 which will be then transferred to Specialist (HAHN) AB3205 is Veronica Garmio.

REMARKS:
 Business uses PROTECH to handle hazardous waste on a weekly basis. Ensure their hazardous waste training documents are on-site. Business will be a large quantity hazardous waste + perhaps medical waste generator. Business will revisit medical waste procedures - all waste may not be "medical waste" and may be "medical solid waste" which can be disposed to a secured locked dumpster. ~~to SH~~
 Weekly haz waste storage area log reviewed.

This is an annual certification that the Hazardous Materials Business Plan (inventory, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored.

Initials of Business Representative

Signature of Business Representative

06/24/05

Date Signed

Purchasing/Materials Manager

Title of Business Representative



COUNTY OF SAN DIEGO

SUPPLEMENTAL INSPECTION REPORT

EST. NUMBER H 205116

DATE: 6-24-05

PAGE: 2 OF 2

Office Use Only

BUSINESS ADDRESS: 11011 Surryana ZIP CODE: 92121

• Insure all hazardous waste labels are legible.

• During inspection water observed going to storm drain. Business has close off valve to prevent release to canyon. This water will be pumped to neutralization tank.

Employee questioned was unsure if water being released or not + a stormwater drain requirements. Nothing but stormwater can enter storm drain. Referral to S.D. City Stormwater will be made for reference material. Recommend including storm water drain issues during employee training.

Business has a 2,000 gal emergency generator on site. SPC newly finished.

Business has a neutralization tank (700 gal) for non-haz waste. Cell Culture media waste is also collected thru a conveyance system & treated (heat) & cooled & released to sewer.

Signature of Business Representative

06/24/05 Date Signed

Purchasing Materials Manager Title

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261; (619) 338-2222



SAN DIEGO COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH - CUPA
HAZARDOUS MATERIALS DIVISION
 P.O. BOX 129261, SAN DIEGO, CA 92112-9261
 (619) 338-2222 FAX (619) 338-2377
 1-800-253-9933

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID #	3 7 0 0 0 205116	EPA ID # (Hazardous Waste Only) Appl. pending
BUSINESS NAME (Same as Facility Name of DBA-Doing Business As)		
TANOX WEST, INC.		

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list,
please submit the Business Owner/Operator Identification page (OES Form 2730).

Does your facility...		If Yes, please complete these pages of the UPCF ...
A. HAZARDOUS MATERIALS Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO 4	HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION (OES 2731)
B. UNDERGROUND STORAGE TANKS (USTs) • Own or operate underground storage tanks? • Intend to upgrade existing or install new USTs? • Need to report closing a UST?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 5 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 6 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 7	UST FACILITY (Formerly SWRCB Form A) UST TANK (one page per tank) (Formerly Form B) UST FACILITY UST TANK (one per tank) UST INSTALLATION - CERTIFICATE OF COMPLIANCE (one page per tank) (Formerly Form C) UST TANK (closure portion - one page per tank)
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Own or operate ASTs above these thresholds: —any tank capacity is greater than 660 gallons, or —the total capacity for the facility is greater than 1,320 gallons?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO 8	NO FORM REQUIRED TO CUPAs
D. HAZARDOUS WASTE • Generate hazardous waste? • Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)? • Treat hazardous waste on site? • Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)? • Consolidate hazardous waste generated at a remote site? • Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO 9 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 10 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 11 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 12 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 13 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 14	EPA ID NUMBER - provide at the top of this page RECYCLABLE MATERIALS REPORT (one per recycle) ONSITE HAZARDOUS WASTE TREATMENT - FACILITY (Formerly DTSC Form 1772) ONSITE HAZARDOUS WASTE TREATMENT - UNIT (one page per unit) (Formerly DTSC Forms 1772 A, B, C, D and L) CERTIFICATION OF FINANCIAL ASSURANCE (Formerly DTSC Form 1232) REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION (Formerly DTSC Form 1196) HAZARDOUS WASTE TANK CLOSURE CERTIFICATION (Formerly DTSC Form 1249)
E. LOCAL REQUIREMENTS • MEDICAL WASTE Generate <200 lbs/month of Medical/Biohazardous Waste? Generate ≥200 lbs/month of Medical/Biohazardous Waste? Generate ≥200 lbs/month of Medical/Biohazardous Waste and treat any amount of medical waste Handle Toxic gases with threshold limit concentration (TLV) # 10 ppm in any quantity?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	



SAN DIEGO COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH - CUPA
HAZARDOUS MATERIALS DIVISION
 P.O. BOX 129261, SAN DIEGO, CA 92112-9261
 (619) 338-2222 FAX (619) 338-2377
 1-800-253-9933

BUSINESS OWNER/OPERATOR IDENTIFICATION

Page of

I. IDENTIFICATION

FACILITY ID#	3	7	0	0	0	2	0	5	1	1	4	BEGINNING DATE	100	ENDING DATE	101	
												2005-01-10				
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)												BUSINESS PHONE				
TANOX WEST, INC.												(858) 373-3656 x				
BUSINESS SITE ADDRESS																
11011 TORREYANA ROAD																
CITY										104	CA	ZIP CODE				
SAN DIEGO												92121-				
DUN & BRADSTREET										106	SIC CODE (4 digit #)					
174075788											2834					
COUNTY																
SAN DIEGO																
BUSINESS OPERATOR NAME										109	BUSINESS OPERATOR PHONE					
TANOX WEST, INC.											(858) 373-3656 x					

II. BUSINESS OWNER

OWNER NAME										111	OWNER PHONE					
TANOX WEST, INC.											(713) 578-4040 x					
OWNER MAILING ADDRESS																
10555 STELLA LINK																
CITY										114	STATE	115	ZIP CODE			
HOUSTON											TX		77025-			

III. ENVIRONMENTAL CONTACT

CONTACT NAME										117	CONTACT PHONE					
SAYA MEHTA GODWIN <i>Judi Gaither</i>											(858) 373-3656 x					
CONTACT MAILING ADDRESS																
11011 TORREYANA ROAD																
CITY										120	STATE	121	ZIP CODE			
SAN DIEGO											CA		92121-			

-PRIMARY-

IV. EMERGENCY CONTACTS

-SECONDARY-

NAME										123	NAME						128
SAYA MEHTA GODWIN <i>JAVE Jacanin</i>											JUDI GAITHER						
TITLE										124	TITLE						129
EHS SITE CONTACT											FACILITY SERVICES COORDINATOR						
BUSINESS PHONE										125	BUSINESS PHONE						130
(858) 373-3656 x <i>858-373-3657</i>											(858) 373-3601 x <i>- 3661</i>						
24-HOUR PHONE										126	24-HOUR PHONE						131
(858) 864-6055 x																	
PAGER #										127							132

ADDITIONAL LOCALLY COLLECTED INFORMATION:

E-MAIL: *	sgodwin@tanox.com	E-MAIL: *	jgaither@tanox.com
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* This information is optional and will remain confidential. Complete if you want to receive periodic program updates from HMD.
 ALWAYS SUBMIT A COPY OF THIS COMPLETED PAGE WITH SUBMITTAL OF ANY OTHER UNIFIED PROGRAM CONSOLIDATED FORM.

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE										DATE	134	NAME OF DOCUMENT PREPARER				135	
<i>Saya Godwin</i>										2005-06-20		Haley & Aldrich					
NAME OF SIGNER (print)										136	TITLE OF SIGNER						137
SAYA GODWIN										Purchasing Manager							



City of San Diego
Development Services
Information and Application Services

AB3205

FILE

2375.00
ck# 25084

1222 First Ave., MS-301
San Diego, CA 92101
Appointments (619) 446-5300
Information (619) 446-5000

OFFICE USE ONLY
UPPER: 205116
HV: 20
BP DATE: _____

HAZARDOUS MATERIALS QUESTIONNAIRE

Business Name Trox West Inc.	Business Contact Sava Godwin	Telephone # (958) 373-3656
Project Address 11011 Torreyana Rd	City San Diego	State CA
Mailing Address Same as above	City San Diego	State CA
Project Contact Adnan Siraj	Telephone # (958) 373-3667	APN# 340-010-2A-00
		Plan File# HA Hazardous Materials Business Plan submitted

The following questions represent the facility's activities, NOT the specific project description.

No changes!

PART I: FIRE DEPARTMENT HAZARDOUS MATERIALS DIVISION: OCCUPANCY CLASSIFICATION: Will your business use, store or dispense any of the following hazardous materials? If any items are circled (except 15) a San Diego Fire Department Hazardous Materials Information Sheet (form FPB-500) must be submitted with your project review to: Planning & Development Review, Fire Hazardous Materials Plan Review, 1222 First Avenue, 4th floor, San Diego, CA 92101 (619) 446-5438.

- | | | | |
|----------------------------------|-----------------------|-------------------------------------|--------------------------|
| 1. Explosive or Blasting Agents | 5. Organic Peroxides | 9. Water Reactives | 13. Corrosives |
| 2. Compressed Gases | 6. Oxidizers | 10. Cryogenics | 14. Other Health Hazards |
| 3. Flammable/Combustible Liquids | 7. Pyrophorics | 11. Highly Toxic or Toxic Materials | 15. None of These |
| 4. Flammable Solids | 8. Unstable Reactives | 12. Radioactives | |

PART II: SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH HAZARDOUS MATERIALS DIVISIONS (HMD): If the answer to any of the questions is yes, applicant must contact the County of San Diego Hazardous Materials Division, 1255 Imperial Avenue, 3rd floor, San Diego, CA 92101. Call (619) 338-2222 prior to the issuance of a building permit.

FEES ARE REQUIRED.

- | | | |
|--|--|---|
| 1. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | Is your business listed on the reverse side of this form? | Expected date of Occupancy: <u>occupied</u> |
| 2. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | Will your business dispose of Hazardous Substances or Medical Waste in any amount? | |
| 3. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | Will your business store or handle Hazardous Substances in quantities equal to or greater than 55 gallons, 500 pounds, 200 cubic feet, or carcinogens/reproductive toxins in any quantity? | |
| 4. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | Will your business use an existing or install an underground storage tank? | |
| 5. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | Will your business store or handle Regulated Substances (CalARP)? | |
| 6. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | Will your business use or install a Hazardous Waste Tank System (Title 22, Article 10)? | |

CalARP Exempt
 CalARP Required
REG 04-01-05 15:07
 CalARP Complete
Date: 1/21/04
Initials: [initials]

PART III: San Diego County Air Pollution Control District: If the answer to any of the questions below is yes, applicant must contact the Air Pollution Control District (APCD), 9150 Chesapeake Drive, San Diego, CA 92123, telephone (619) 650-4550 prior to the issuance of a building or demolition permit. Note: If the answer to questions 3 or 4 is yes, applicant must also submit an asbestos notification form to the APCD at least 10 working days prior to commencing demolition or renovation, except demolition or renovation of residential structures of four units or less. Contact the APCD for more information.

- | | |
|--|---|
| 1. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | Will the subject facility or construction activities include operations or equipment that emit or are capable of emitting an air contaminant? (See the APCD fact sheet at http://www.sdapcd.org/info/facts/permits.pdf and the list of typical equipment requiring an APCD permit on the reverse side of this form. Contact APCD if you have any questions.) |
| 2. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | (ANSWER ONLY IF QUESTION 1 IS YES) Will the subject facility be located within 1,000 feet of the outer boundary of a school (K through 12)? (Public and private schools may be found after search of the California School Directory at http://www.cde.ca.gov/rs/ds/ or contact the appropriate school district.) |
| 3. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | Will there be renovation that involves handling of any friable asbestos material, or disturbing any material that contains non-friable asbestos? |
| 4. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | Will there be demolition involving the removal of a load supporting structural member? |

Briefly describe business activities: Pharmaceutical manufacturing Briefly describe proposed project: Expansion of cleanroom (formulation) area

I declare under penalty of perjury that to the best of my knowledge and belief the responses made herein are true and correct.
Name of owner or Authorized Agent: Todd Winder Signature of Owner or Authorized Agent: [Signature] Date: 3/14/05

FOR OFFICIAL USE ONLY:
FIRE DEPARTMENT OCCUPANCY CLASSIFICATION: B/S1
BY: [Signature] DATE: 3/24/05

EXEMPT OR NO FURTHER INFORMATION REQUIRED		RELEASED FOR BUILDING PERMIT BUT NOT FOR OCCUPANCY		RELEASED FOR OCCUPANCY	
COUNTY-HMD	APCD	COUNTY-HMD	APCD	COUNTY-HMD	APCD

FILE FILE

\$375.00
CK# 25084



City of San Diego
Development Services
Information and Application Services

1222 First Ave., MS-301
San Diego, CA 92101
Appointments (619) 446-5300
Information (619) 446-5000

OFFICE USE ONLY
UPFP#: 205116
HV: 20-2865
BP DATE: 1/1

HAZARDOUS MATERIALS QUESTIONNAIRE

Business Name <u>Tanox West Inc</u>	Business Contact <u>Sava Godwin</u>	Telephone # <u>(858) 373-3656</u>
Project Address <u>11011 Torreyana Rd</u>	City <u>San Diego</u>	State <u>CA</u>
Mailing Address <u>Same as above</u>	City <u>San Diego</u>	State <u>CA</u>
Project Contact <u>Adnan Siraj</u>	Telephone # <u>(858) 373-3617</u>	APN# <u>340-010-2A-00</u>
		Plan File# <u>Hazardous Material Business Plan submitted</u>

The following questions represent the facility's activities, NOT the specific project description.

PART I: FIRE DEPARTMENT HAZARDOUS MATERIALS DIVISION: OCCUPANCY CLASSIFICATION: Will your business use, store or dispense any of the following hazardous materials? If any items are circled (except 15), a San Diego Fire Department Hazardous Materials Information Sheet (form FPB-500) must be submitted with your project review to: Planning & Development Review, Fire Hazardous Materials Plan Review, 1222 First Avenue, 4th floor, San Diego, CA 92101 (619) 446-5438.

- | | | | |
|----------------------------------|-----------------------|-------------------------------------|--------------------------|
| 1. Explosive or Blasting Agents | 5. Organic Peroxides | 9. Water Reactives | 13. Corrosives |
| 2. Compressed Gases | 6. Oxidizers | 10. Cryogenics | 14. Other Health Hazards |
| 3. Flammable/Combustible Liquids | 7. Pyrophorics | 11. Highly Toxic or Toxic Materials | 15. None of These |
| 4. Flammable Solids | 8. Unstable Reactives | 12. Radioactives | |

PART II: SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH HAZARDOUS MATERIALS DIVISIONS (HMD): If the answer to any of the questions is yes, applicant must contact the County of San Diego Hazardous Materials Division, 1255 Imperial Avenue, 3rd floor, San Diego, CA 92101. Call (619) 338-2222 prior to the issuance of a building permit.

FEES ARE REQUIRED.

1. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Is your business listed on the reverse side of this form?	Expected date of Occupancy <u>occupied</u>	<input type="checkbox"/> CalARP Exempt <input type="checkbox"/> CalARP Required <input type="checkbox"/> CalARP Complete REG 04-01-05 13:07 Date Initials ROSE 112164 \$312.00
2. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Will your business dispose of Hazardous Substances or Medical Wastes in any amount?		
3. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Will your business store or handle Hazardous Substances in quantities equal to or greater than 55 gallons, 500 pounds, 200 cubic feet, or carcinogens/reproductive toxins in any quantity?		
4. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Will your business use an existing or install an underground storage tank?		
5. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Will your business store or handle Regulated Substances (CalARP)?		
6. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Will your business use or install a Hazardous Waste Tank System (Title 22, Article 10)?		

PART III: San Diego County Air Pollution Control District: If the answer to any of the questions below is yes, applicant must contact the Air Pollution Control District (APCD), 9180 Chesapeake Drive, San Diego, CA 92123, telephone (619) 650-4550 prior to the issuance of a building or demolition permit. Note: If the answer to questions 3 or 4 is yes, applicant must also submit an asbestos notification form to the APCD at least 10 working days prior to commencing demolition or renovation, except demolition or renovation of residential structures of four units or less. Contact the APCD for more information.

- | | |
|--|---|
| 1. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | Will the subject facility or construction activities include operations or equipment that emit or are capable of emitting an air contaminant? (See the APCD fact sheet at http://www.sdapcd.org/info/factsheets.pdf , and the list of typical equipment requiring an APCD permit on the reverse side of this form. Contact APCD if you have any questions.) |
| 2. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | (ANSWER ONLY IF QUESTION 1 IS YES) Will the subject facility be located within 1,000 feet of the outer boundary of a school (K through 12)? (Public and private schools may be found after search of the California School Directory at http://www.cde.ca.gov/rs/sd/ ; or contact the appropriate school district.) |
| 3. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | Will there be renovation that involves handling of any friable asbestos material, or disturbing any material that contains non-friable asbestos? |
| 4. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | Will there be demolition involving the removal of a load supporting structural member? |

Briefly describe business activities: <u>Pharmaceutical manufacturing</u>	Briefly describe proposed project: <u>Expansion of cleanroom (formulation) area</u>
I declare under penalty of perjury that to the best of my knowledge and belief the responses made herein are true and correct.	
<u>Todd Winger</u> Name of owner or Authorized Agent	<u>Todd Winger</u> Signature of Owner or Authorized Agent
	<u>3/14/05</u> Date

FOR OFFICIAL USE ONLY:
FIRE DEPARTMENT OCCUPANCY CLASSIFICATION: B/S1
BY: B. Dan DATE: 3/24/05

EXEMPT OR NO FURTHER INFORMATION REQUIRED		RELEASED FOR BUILDING PERMIT BUT NOT FOR OCCUPANCY		RELEASED FOR OCCUPANCY	
COUNTY HMD	APCD	COUNTY HMD	APCD	COUNTY HMD	APCD

FILE

File #: 205116

Date: 29 Dec 2005

SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
 HAZARDOUS MATERIALS DIVISION
 Annual Carcinogen and Reproductive Toxin Reporting List

Business Name: Taux West Inc.
 Business Address: 11011 Torreyana Road, San Diego, CA 92121
 Business Owner or Operator: Site Contact: Jake Saccini

Please complete the following by entering the chemical name in the chemical name column and then place a check "V" in the quantity column that most closely estimates the amount on hand. If measured by volume, check the appropriate gallon column(s). If measured by weight, check the appropriate pound column(s). If the chemical is a trade secret, you should check the trade secret box. For example, if you have one pint of benzene you would write benzene in the chemical name column and place a check in the "<1 gallon" column. (PLEASE NOTE: the symbol < means less than).

Chemical Name	Gallons		Pounds		Trade Secret
	<1	1+	<1	1+	
Thioacetamide		<input checked="" type="checkbox"/>			<input type="checkbox"/>
Lead Nitrate			<input checked="" type="checkbox"/>		<input type="checkbox"/>



OFFICE USE ONLY

H: _____

DATE: _____

MEDICAL WASTE MANAGEMENT PLAN

Business Name: West, Tanaka, Inc. Type of Business/Practice: pharmaceutical R&D
 Site Address: 11011 Torreyana Rd Zip: 92121 Phone: 713.578.4040
 Contact Person: Sam McKinney Title: Director, Facilities
 24 Hour Emergency Phone: _____

GENERATION AND STORAGE OF BIOHAZARDOUS WASTE:

Describe below the type and quantity of biohazardous waste generated and managed at this facility. SEE SAMPLE PLAN AND ATTACHMENT FOR DEFINITION OF TERMS USED IN THIS PLAN

MEDICAL WASTE TYPE	QUANTITY (lbs/month)	STORAGE (container type)	TREATMENT METHOD	ON-SITE	OFF-SITE	HAULER NAME*
BIOHAZARDOUS WASTE Sharp Waste Needles/syringes/slides	200	Approved Sharps containers	Incineration		X	Clean Harbors
Non-sharp Waste Articles containing Fluid Blood (gauze, bandages, tubing, etc.)	N/A					
Solids (cultures, lab waste, etc.)	700	double red biohazard bags	Incineration		X	Clean Harbors
Liquids (urine, etc.)	20	vacuum flasks	200% bleach sanitary sewer	X		
Trace chemotherapy waste	N/A					
Contaminated animal carcasses	N/A					
Other	N/A					
MEDICAL SOLID WASTE Gloves, empty specimen containers, gauze with dry blood, treated biohazardous waste	N/A		N/A	N/A	N/A	

* If applicable, attach a copy of biohazardous waste hauler contract or Limited Quantity Hauler exemption.

Biohazardous WASTE STORAGE LOCATION: (Please check the appropriate box(es)).

Biohazardous Waste: Inside establishment in secured area Outside in posted, secure area
 Medical Solid Waste: Inside establishment Outside in Locked/secured dumpster

PERSONNEL TRAINING:

All personnel handling biohazardous waste have been trained in all aspects of this management plan. Training includes the legal definition of biohazardous waste, separation and proper storage, transportation, treatment, and disposal of biohazardous waste. Documentation for completed employee training will be kept onsite.

CERTIFICATION STATEMENT:

I certify that the above management plan is complete and accurate, and that this business will adhere to all aspects of the plan. I further understand that any violation of this plan or any applicable law or regulation may result in legal action.

SIGNATURE OF RESPONSIBLE PERSON

Sam McKinney
 NAME OF RESPONSIBLE PERSON (please print or type)

TITLE

Director of Facilities
1.6.05
 DATE

DISTRIBUTION: WHITE - RETURN TO HMD
 YELLOW - BUSINESS RETAINS

will be updating



OFFICE USE ONLY
UPFP# 205116

DATE: 25-Aug-05

MEDICAL WASTE MANAGEMENT PLAN

Business Name: Tanox West, Inc.
Clinical Manufacturing

Type of Business/Practice: Pharmaceutical R&D and

Site Address: 11011 Torreyana Road, San Diego, CA

Zip: 92121

Phone: (858)373-3600x

Contact Person: Jake Jacanin

Title: EH&S Site Contact

24-Hour Emergency Phone: (858)864-6055x

GENERATION AND STORAGE OF BIOHAZARDOUS WASTE:

Describe below the type and quantity of biohazardous waste generated and managed at this facility. SEE SAMPLE PLAN AND ATTACHMENT FOR DEFINITION OF TERMS USED IN THIS PLAN

MEDICAL WASTE TYPE	QUANTITY (lbs/month)	STORAGE (container type)	TREATMENT METHOD	ON-SITE	OFF-SITE	HAULER NAME*
BIOHAZARDOUS WASTE <u>Sharp Waste</u> Needles/syringes/slides	200	Approved Sharps Containers	Incineration		X	ACT
<u>Non-sharp Waste</u> Articles containing Fluid Blood (gauze, bandages, tubing, etc.)	N/A					
Solids (cultures, lab waste, etc.)	700	Double red-bag biohazard bags	Incineration		X	ACT
Liquids (urine, etc.)	N/A					
Trace chemotherapy waste	N/A					
Contaminated animal carcasses	N/A					
Other	N/A					
MEDICAL SOLID WASTE Gloves, empty specimen containers, gauze with dry blood, treated biohazardous waste	N/A		N/A	N/A	N/A	

* If applicable, attach a copy of biohazardous waste hauler contract or Limited Quantity Hauler exemption.

Biohazardous WASTE STORAGE LOCATION: [Please check the appropriate box(es)].

Biohazardous Waste: Inside establishment in secured area Outside in posted, secure area
 Medical Solid Waste: Inside establishment Outside in Locked/secured dumpster

PERSONNEL TRAINING:

All personnel handling biohazardous waste have been trained in all aspects of this management plan. Training includes the legal definition of biohazardous waste, separation and proper storage, transportation, treatment, and disposal of biohazardous waste. Documentation for completed employee training will be kept onsite.

CERTIFICATION STATEMENT:

I certify that the above management plan is complete and accurate, and that this business will adhere to all aspects of this plan. I further understand that any violation of this plan or any applicable law or regulation may result in legal action.

Jake Jacanin 082505
 SIGNATURE OF RESPONSIBLE PERSON FACILITY MANAGER

EH&S Site Contact
TITLE

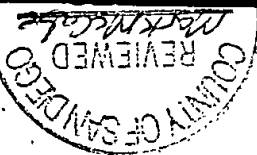
Jake Jacanin
NAME OF RESPONSIBLE PERSON (please print or type)

DATE

DISTRIBUTION: WHITE - RETURN TO HMD



FILE # 205116



**SAN DIEGO COUNTY CUPA
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 125281, SAN DIEGO, CA 92112-9261
(818) 338-2222 FAX (818) 338-2377**

VI. Cal-ARP REGULATED SUBSTANCE DISCLAIMER/DE-REGISTRATION HM-9221

I. IDENTIFICATION
FACILITY ID# 37000 205116
Date Submitted: 9/2/05

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) **Tanex West, Inc.** BUSINESS PHONE (858) 373-3600

BUSINESS SITE ADDRESS **11011 Torreyana Road**
CITY **San Diego** CA ZIP CODE **92121**

BUSINESS OPERATOR NAME **Jake Jacamin (site contact)** BUSINESS OPERATOR PHONE (858) 373-3657

MAILING ADDRESS **(same)**

CITY STATE ZIP CODE

II. THE FOLLOWING REGULATED SUBSTANCES ARE NO LONGER HANDLED AT THE ABOVE SITE

- Reason for discontinued use/ or replacement chemical that is not a regulated substance.
- Reason for discontinued use/ or replacement chemical that is not a regulated substance.
- Reason for discontinued use/ or replacement chemical that is not a regulated substance.

III. THE FOLLOWING REGULATED SUBSTANCES ARE HANDLED BELOW THEIR THRESHOLD QUANTITIES

NAME OF SUBSTANCE	TOTAL AMOUNT STORED ON SITE	SIZE OF LARGEST STORAGE CONTAINER
1. Hydrochloric Acid (>37%)	2.5 L	500 mL
2. Sulfuric Acid (oleum)	12.5 L	2.5 L
3. Sodium Azide	100g	100g

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete. I understand that if I submit a disclaimer and am now or in the future subject to the RMP requirements, a new RMP will be required. The RMP will be as for a new process and the regulated substance(s) cannot be brought on site or increased above the threshold and a complete RMP has been submitted.

SIGNATURE OF BUSINESS OPERATOR OR DESIGNATED REPRESENTATIVE: **Jake Jacamin** on behalf of: **Jake Jacamin**
DATE: **09/06/05** NAME OF DOCUMENT PREPARER: **Brooks Pauly, Haley Aldrich**
TITLE OF SIGNER: **Facility Manager**

DISCLAIMER ACCEPTED **2/10/06**
BY: **Mark McCabe**
 Change the status of site to non-CalARP (Bus. Activities in KIVA). Change Route to **07/08**
 Remove KIVA pulling codes: **6RCPAS 6RMP1 6RMP2** (Quantities=0 in KIVA)
 Update inventory for: **DELETE, AVG, MAX**
 Enter Remark "Verify Inventory or Use of _____ at _____ CalARP disclaimer submitted _____ indicated below TPQ/ discontinued use."
 Deactivate

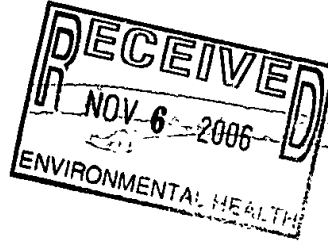
HRT SITE YES NO
REMARKS: **No CalARP Required Refer to Susan Hahn**

858-864-4060



Tanox, Inc.

ENTERED NOV 16 2006
SE



CORPORATE
10555 Stella Link
Houston, TX 77025-5631
(713) 578-4000 • (713) 578-5005 (Fax)

MAILING ADDRESS
10301 Stella Link
Houston, TX 77025-5445
(713) 578-4000 • (713) 578-5004 (Fax)

205116

San Diego County Department of Environmental Health – CUPA
Hazardous Materials Division
P.O. Box 129261
San Diego, CA 92112-9261

To Whom It May Concern:

The included Business Owner/Operator Identification Form has been submitted for the purpose of updating information for Tanox West, Inc., Facility ID# 37 000 205116. Contact information was updated. Please update your data base.

Please contact Judi Gaither at 858 864 6576 if you have any questions or concerns.

Thank you,
Judi Gaither
Judi Gaither
Facilities Coordinator
Tanox West, Inc.



**SAN DIEGO COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH - CUPA
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(619) 338-2222 FAX (619) 338-2377
1-800-253-9933**

SR

ENTERED NOV 16 2006

BUSINESS OWNER/OPERATOR IDENTIFICATION

Page 1 of 1

I. IDENTIFICATION

FACILITY ID#										BEGINNING DATE		ENDING DATE	
3	7		0	0	0	2	0	5	1	1	6	2002-04-01	2006-11-30
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)											BUSINESS PHONE		
Tanox West, Inc.											(858) 373-3600		
BUSINESS SITE ADDRESS													
11011 Torreyana Rd													
CITY										CA	ZIP CODE		
San Diego											92122		
DUN & BRADSTREET										SIC CODE (4 digit #)			
										2834			
COUNTY													
USA													
BUSINESS OPERATOR NAME											BUSINESS OPERATOR PHONE		
Tanox West, Inc.											858-373-3600		

II. BUSINESS OWNER

OWNER NAME										OWNER PHONE		
Tanox, Inc.										(713) 578-4000		
OWNER MAILING ADDRESS												
10301 Stella Link Rd.												
CITY										TX	ZIP CODE	
Houston											77025	

III. ENVIRONMENTAL CONTACT

CONTACT NAME										CONTACT PHONE		
Judi Gaither										(858) 864-6576		
CONTACT MAILING ADDRESS												
11011 Torreyana Rd.												
CITY										CA	ZIP CODE	
San Diego											92122	

IV. EMERGENCY CONTACTS

-PRIMARY-													-SECONDARY-	
NAME										NAME				
Front Desk Personnel										Judi Gaither				
TITLE										TITLE				
Receptionist/Security										Facilities Coordinator				
BUSINESS PHONE										BUSINESS PHONE				
(858) 373-3600 x <i>Daytime</i>										(858) 373-3661 x				
24-HOUR PHONE										24-HOUR PHONE				
PAGER #										PAGER #				
N/A										N/A				

ADDITIONAL LOCALLY COLLECTED INFORMATION:

E-MAIL: *	E-MAIL: *
	jgaither@tanox.com

***This information is optional and will remain confidential. Complete if you want to receive periodic program updates from HMD. ALWAYS SUBMIT A COPY OF THIS COMPLETED PAGE WITH SUBMITTAL OF ANY OTHER UNIFIED PROGRAM CONSOLIDATED FORM.**

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE	NAME OF DOCUMENT PREPARER
<i>SR</i>	2006-10-18	Mike Metcalf
NAME OF SIGNER (print)	TITLE OF SIGNER	
Ed Hu	Chief Operating Officer	



ENTERED MAY 29 2007 *mf*

COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 1 OF 3 DATE 2/21/07
 PERMIT # 205116
 TIME START 1pm END 4:45pm
 BUS. CODE K67
 SPECIALIST M. Maschwe
 INSPECTION CONTACT/TITLE
Judi Gaitler Sr. Fac. Serv. Coord.
 PHONE: (858) 373-3661

BUSINESS NAME Tanox West, Inc.
 ADDRESS 11011 Torreyana Rd.
 CITY/ZIP San Diego 92121

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (HSC) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

- | Y | N/A | | Y | N/A | |
|-------------------------------------|--------------------------|--|-------------------------------------|-------------------------------------|--------------------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Unified Program Facility Permit current and available | | | Permit Expires on: <u>30 Nov, 07</u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Hazardous Materials Business Plan available | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Contingency Plan available |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Employee Training is adequate | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Employee Training records available |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste disposal records available for review | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers kept closed |
| <input type="checkbox"/> | <input type="checkbox"/> | Emergency contacts current <input checked="" type="checkbox"/> Updated today | <input type="checkbox"/> | <input type="checkbox"/> | Waste containers kept labeled |
| <input type="checkbox"/> | <input type="checkbox"/> | Chemical inventory current <input checked="" type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers in good condition |

Business is a biotech manufacturing AIDS treatments. A walk through and inspection was conducted today with Judi Gaitler, Sr. Fac. Services Coordinator. Tanox West, Inc is about to be purchased. Manufacturing is not occurring today. Business has two underground tanks in vaults (confined spaces). These tanks hold waste water from 2 distinct waste water pipes/lines. Facilities personnel state that at no time do these tanks hold "hazardous substances". Photos will be provided to inspector. Business does not appear to generate Medical Waste - please check the MWMMA especially sections regarding what is and is not medical waste and by 3/21/07 let me know how you plan to manage these wastes under what timeline. If you generate more than 200 # of Medical Waste/mo you are subject to Annual Inspections. You are currently a small quantity generator of RCRA wastes.

RECEIVED MAY 03 2007

NOTICE TO COMPLY:

*1) Satellite container of flammable/corrosive waste in the waste accumulation/storage shed was labeled with "weekly" as the accumulation start date. Satellite containers must be stored at or near the point of generation and be in control of the person generating the waste per 416262.34(e).
 Corrective action: Relabel the container w/ appropriate date of accumulation or keep it at or near the point of generation. If it needed to be emptied weekly be sure to have a larger container to accumulate/store in the storage shed with proper labeling.*

This is an annual certification that the Hazardous Materials Business Plan (inventory, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored.

Judi Gaitler
 Signature of Business Representative

02, 21, 07
 Date Signed

Sr. Facilities Coordinator
 Title of Business Representative

Initials of Business Representative

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
 Phone: (619) 338-2222 Fax: (619) 338-2377 1-800-253-9933 <http://www.sdcounty.ca.gov/deh/hmd/index.html>



COUNTY OF SAN DIEGO

SUPPLEMENTAL INSPECTION REPORT

EST. NUMBER H 205116

DATE: 2-21-06 07 (MM) 4-19-07

PAGE: 2 OF 3

BUSINESS ADDRESS: 11011 Torreyana Rd ZIP CODE: 92121

Office Use Only

Annual Carcinogen/Reproductive toxin list should either be updated annually by submitting changes or recertified annually if no changes by checking box on the Hazardous Materials Business Plan Recertification form.

Weekly medical waste pick ups are occurring. Some inventory changes were made today. Be sure to annually check your HMBP and alert the DEH when you have changes of 100% or greater in any item or if you are handling a previously undisclosed item within 30 days of change. Changes in Emergency Contacts should also be made within 30 days of change.

Submit MWMP by 3/26/06. 107 (MM) I will send you: Medical Waste Management Act handout on aerosol cans, handout on container management, and the EPIC 2005 presentation on e-mail "zipped".

Please respond to the violation within 30 days of today.

[Signature] York

21 FEB 07

Sr. Facilities Coordinator

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261; (619) 338-2222



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT
Small and Large Quantity Generators of Hazardous Waste
Handlers of Hazardous Materials

PERMIT # 205116
DATE 2/21/07
PAGE 3 OF 3

BUSINESS ADDRESS: 11011 Torreyana Rd.

ZIP: 92121

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19 & 22 of the California Code of Regulations (CCR), Chapters 6.5 & 6.95 of the Health and Safety Code, and/or the San Diego County Code (SDCC), Small Quantity Hazardous Waste Generator=(SQG); Large Hazardous Waste Quantity Generator=(LQG); Code 40 of Federal Regulations=(CFR). All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Your Specialist can provide this form. Please call (619) 338-2222 or your Specialist if you have any questions.

HAZARDOUS MATERIALS REQUIREMENTS

Table with 3 columns: Viol #, V, VIOLATION DESCRIPTION. Contains 18 rows of violations related to HMD requirements.

HAZWASTE REQUIREMENTS FOR LOGs & SOGs

Table with 3 columns: Viol #, V, VIOLATION DESCRIPTION. Section: STORAGE AND HANDLING. Contains 10 rows of violations.

HAZWASTE REQUIREMENTS FOR SOGs ONLY

STORAGE AND HANDLING-Pursuant to 66262.34(d)

Table with 3 columns: Viol #, V, VIOLATION DESCRIPTION. Contains 10 rows of violations related to SOG storage and handling.

HAZWASTE REQUIREMENTS FOR LOGs & SOGs RECORDKEEPING

Table with 3 columns: Viol #, V, VIOLATION DESCRIPTION. Contains 18 rows of violations related to recordkeeping.

TRAINING, CONTINGENCY PLAN & ER PROCEDURES Pursuant to 66262.34(d)(2)

Table with 3 columns: Viol #, V, VIOLATION DESCRIPTION. Contains 6 rows of violations related to training and ER procedures.

DISPOSAL AND TRANSPORTATION

Table with 3 columns: Viol #, V, VIOLATION DESCRIPTION. Contains 8 rows of violations related to disposal and transportation.

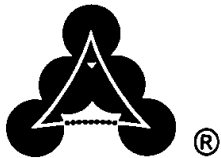
HAZARDOUS WASTE TANK SYSTEMS Pursuant to 66262.34(d)(2)

Table with 3 columns: Viol #, V, VIOLATION DESCRIPTION. Contains 5 rows of violations related to hazardous waste tank systems.

SIGNATURE OF BUSINESS REPRESENTATIVE

DATE SIGNED 02.21.07

TITLE OF BUSINESS REPRESENTATIVE Sr. Facilities Coordinator



Tanox, Inc.

205116

11011 Torreyana Road
San Diego, CA 92121-1104
(858) 373-3600 • (858) 373-3601 (fax)

10301 Stella Link
Houston, Texas 77025-5445
(713) 578-4000 • (703) 578-5004 (fax)

RECEIVED
FEB 26 2007
ENVIRONMENTAL HEALTH

Manon Maschue
4-19-07
Returned to
Compliance on
2/26/07

Department of Environmental Health
Hazardous Materials Division
Attn: Manon Maschue, Environmental Health Specialist
P.O. Box 129261
San Diego, Ca 92112-9261

Hello Manon,

Regarding Notice to Comply dated 21 February 2007:

This letter is to notify you that the contents of the satellite container of flammable/corrosive waste in our waste accumulation storage shed has been transferred to a larger container and properly labeled with an accumulation date. This action was taken the day after the inspection to comply.

Please feel free to contact me if you need any additional information. You can reach me on Nextel at 858-864-6576 or via email at jgaither@tanox.com.

Thank you for your time and input during the inspection and I'll keep you posted on the other items that required follow up.

Thank You,

Judi Gaither
Senior Facilities Coordinator
Tanox West, Inc

Judi Gaither 22 FEB 07

205116

Maschue, Manon E.

From: Judi Gaither [jgaither@tanox.com]
Sent: Friday, February 23, 2007 10:14 AM
To: Maschue, Manon E.
Subject: RE: Inspection

Manon,

I think the email is fine to attached to report. This way it says we both realize it. I'll change and initial and date on my copy.

Thanks
Judi

From: Maschue, Manon E. [mailto:Manon.Maschue@sdcounty.ca.gov]
Sent: Thursday, February 22, 2007 3:42 PM
To: Judi Gaither
Subject: RE: Inspection

Hi Judi,

That's a great catch, thank you. I think it's ok to leave it as it stands (because of all the other dates one type-o should be able to be figured out), if you'd like, I can print this PDF and PDF it back with my initials so it doesn't appear as though you've passed the deadline by a year and 30 days!

Alternately you could print this e-mail conversation and attach it to the report and I think that would suffice.

Tell me which makes you more comfortable and I'll do my part!

Best,

Manon Maschue

Manon Maschue, Environmental Health Specialist
San Diego County
Hazardous Materials Division
(858) 694-2875 / (858) 694-3705 FAX
www.sdcounty.ca.gov/deh/hmd

From: Judi Gaither [mailto:jgaither@tanox.com]
Sent: Thursday, February 22, 2007 9:15 AM
To: Maschue, Manon E.
Subject: Inspection

Hi Manon,

I just noticed on the Inspection Report there is an error on a date. (Page 2 of 3 shows "submit MWMP by 3/26/06". I know you mean 2007, however, does this need to be changed on the report? I've attached.

4/19/2007

M. Masche
4-19-07

21 MAR 07
Date:

Permit #: HK07-205116, 6HK67

SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
Annual Carcinogen and Reproductive Toxin Reporting List

Business Name: Tanox West, Inc
Business Address: 11011 Torreyana Rd. San Diego CA 92121
Business Owner or Operator: Tanox, Inc.

Please complete the following by entering the chemical name in the chemical name column and then place a check in the quantity column that most closely estimates the amount on hand. If measured by volume, check the appropriate gallon column(s). If measured by weight, check the appropriate pound column(s). If the chemical is a trade secret, you should check the trade secret box. For example, if you have one pint of benzene you would write benzene in the chemical name column and place a check in the <1-gallon column.

(PLEASE NOTE: the symbol < means less than).

Chemical Name	<1 gal.	<1 lb.	<10 gal.	<10 lbs.	<55 gal.	<500 lbs.	Trade Secret
Acrylamide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Benzene	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chloroform	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ethyl alcohol in alcoholic beverages	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tris (2, 3-dibromopropyl) phosphate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trypan blue (commercial grade)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lead Nitrate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thiacetamide	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N/A							
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Prepared: *Paul Mather*
Sr. Facilities Coordinator



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH HAZARDOUS MATERIALS DIVISION

P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(619) 338-2222 FAX (619) 338-2377
1-800-253-9933

DISCLOSURE OF HAZARDOUS MATERIALS INFORMATION BULLETIN

The County of San Diego Board of Supervisors approved changes to the San Diego County Code of Regulatory Ordinances (County Code) that changed the requirements for the disclosure of hazardous materials, which became effective June 1996. The changes were the result of a Smart Commission recommendation to correct the over breadth of the County's hazardous materials reporting requirements while preserving the perceived benefits in hazardous materials response planning and the community's right-to-know. The ordinance affects the disclosure of highly toxic gases, reproductive toxins and carcinogens.

REQUIREMENTS UNDER SECTION 68.1113 OF THE COUNTY CODE

- ◆ Businesses which handle hazardous materials in amounts greater than or equal to 55 gallons, 500 pounds or 200 cubic feet at standard temperature and pressure remain subject to the chemical inventory disclosure and Business Plan requirements of the California Health and Safety Code, Chapter 6.95.
- ◆ Businesses which handle highly toxic compressed gases (compressed gases with a Threshold Limit Value of 10 parts per million or less as referenced by the ACGIH) shall disclose these gases as part of their chemical inventory in any quantity and prepare a Business Plan (see attached Fact Sheet and list of TLV gases).
- ◆ Businesses that are subject to the chemical inventory disclosure and Business Plan requirements as noted above, that handle carcinogens and reproductive toxins in small amounts (amounts below the California disclosure requirements of 55 gallons, 500 pounds or 200 cubic feet of gas at standard temperature and pressure); are not required to disclose these carcinogens and reproductive toxins as chemical inventory. Instead, they are required only to submit to the HMD, a list of each of these materials that are in small amounts handled during the previous year. The list shall be based on the amount handled at any one time during the previous reporting year and be in ranges based on volume or weight (see sample list format attached).
- ◆ The list that is required for the smaller amounts of carcinogens and reproductive toxins must be renewed each year pursuant to the ordinance.

DATE: MAR 13, 2007



OFFICE USE ONLY
UPFP # 205116

MEDICAL WASTE MANAGEMENT PLAN

Business Name: TANOX West, Inc M. Maske 4/9/07
 Type of Business/Practice: Biotech manufacturing Phone: (858) 373 3600
 Site Address: 11011 Torreyana Rd. City: San Diego Zip: 92121
 Contact Person: Judi Gauthner Title: Sr. Facilities Coordinator
 24 Hour Emergency Phone: (858) 688-6351

GENERATION AND STORAGE OF BIOHAZARDOUS WASTE:

Describe below the type and quantity of biohazardous waste generated and managed at this facility.
 SEE SAMPLE PLAN AND ATTACHMENT FOR DEFINITION OF TERMS USED IN THIS PLAN

MEDICAL WASTE TYPE	QUANTITY (lbs/month)	STORAGE (container type)	TREATMENT METHOD	ON-SITE	OFF-SITE	HAULER NAME*
BIOHAZARDOUS WASTE Sharp Waste Needles/syringes/slides	110	Sharps containers	microwave sterilized & shredded		✓	Advanced Chemical Transport (ACT)
Non-sharp Waste Articles containing Fluid Blood (gauze, bandages, tubing, etc.)	N/A					
Solids (cultures, lab. waste, etc.)	960	Bio hazard bag	microwave sterilized & shredded		✓	ACT
Liquids (urine, etc.)	120	Biohazard Bag	microwaved, sterilized, shredded		✓	ACT
Trace chemotherapy waste						
Contaminated animal carcasses			N/A			
Other						
MEDICAL SOLID WASTE Gloves, empty specimen containers, gauze with dry blood, treated biohazardous waste	N/A		N/A	N/A	N/A	

* If applicable, attach a copy of biohazardous waste hauler contract or Limited Quantity Hauler exemption.

Biohazardous WASTE STORAGE LOCATION: (Please check the appropriate box(es)).

- Biohazardous Waste: Inside establishment in secured area Outside in posted, secure area
 Medical Solid Waste: Inside establishment Outside in Locked/secured dumpster

PERSONNEL TRAINING:

All personnel handling biohazardous waste have been trained in all aspects of this management plan. Training includes the legal definition of biohazardous waste, separation and proper storage, transportation, treatment, and disposal of biohazardous waste. Documentation for completed employee training will be kept onsite.

CERTIFICATION STATEMENT:

I certify that the above management plan is complete and accurate, and that this business will adhere to all aspects of the plan. I further understand that any violation of this plan or any applicable law or regulation may result in legal action.

Judi Gauthner Sr. Facilities Coordinator
 SIGNATURE OF RESPONSIBLE PERSON TITLE
Judi Gauthner MAR 13, 2007
 NAME OF RESPONSIBLE PERSON (please print or type) DATE



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 1 OF 1 DATE 2 / 24 / 15
 RECORD ID # DEH2008-HUPFP-208961
 TIME START 10:00am END 11:05 am
 SPECIALIST K. Malone
 INSPECTION CONTACT
Nuria Ibarra
 TITLE EHS Specialist Supervisor
 PHONE (858) 625-2424

FACILITY NAME Pacira Pharmaceuticals, Inc
 ADDRESS 11011 N. Torrey Pines Rd #130
 CITY/ZIP La Jolla, CA 92037

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). **This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6.** This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

- | | | | | | |
|-------------------------------------|--------------------------|--|-------------------------------------|--------------------------|---|
| Y* | N/A* | NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance. | Y* | N/A* | Permit Expires on: <u>5 / 31 / 15</u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Unified Program Facility Permit current | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Contingency Plan available <input type="checkbox"/> LQG <input checked="" type="checkbox"/> SQG |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Hazardous Materials Business Plan available | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Employee training records available |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Employee training is adequate | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Universal waste managed properly |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste disposal records available for review | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers <input checked="" type="checkbox"/> closed <input checked="" type="checkbox"/> labeled |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Emergency contacts current <input type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers in good condition |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Chemical inventory/map current <input checked="" type="checkbox"/> Updated today | | | |

Consent to inspect granted by: Inspection Contact Other: Routine Inspection

Today I conducted a routine inspection to determine compliance in the handling, storage, and disposal of hazardous substances and medical waste. Nuria Ibarra, EHS Supervisor, granted consent for the inspection.

This facility handles reportable amounts of hazardous materials and is a small quantity generator of hazardous waste. This facility is also a small quantity generator of medical waste.

This facility is in the EPIC+ Program.

Hazardous Materials Inventory was updated during today's inspection.

The Hazardous Materials Business Plan (inventory & site map, emergency contacts, emergency response plan, and employee training plan) is required by law to be certified online through the California Environmental Reporting System (CERS). For additional information about hazardous materials business plans and CERS, go to: <http://www.sdcounty.ca.gov/deh/hazmat/hmd-cers-info.html>

PRINTED NAME OF FACILITY REPRESENTATIVE: Nuria Ibarra DATE SIGNED: 2 / 24 / 2015
 SIGNATURE OF FACILITY REPRESENTATIVE: [Signature] TITLE OF FACILITY REPRESENTATIVE: EHS Supervisor
 X

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
 Phone: (858) 505-6880 <http://www.sdcdch.org>



SAN DIEGO COUNTY
 DEPARTMENT OF ENVIRONMENTAL HEALTH - CUPA
HAZARDOUS MATERIALS DIVISION
 P.O. BOX 129261, SAN DIEGO, CA 92112-9261
 (619) 338-2222 FAX (619) 338-2377
 1-800-253-9933

ENTERED FEB 19 2006

BUSINESS ACTIVITIES

Page 1 of _____

I. FACILITY IDENTIFICATION

FACILITY ID #	3	7	0	0	0	2	0	8	7	6	1	EPA ID # (Hazardous Waste Only)	2
												CAR000146795	
BUSINESS NAME (Same as Facility Name of DBA-Doing Business As)													3
Pacira Pharmaceuticals, Inc.													

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page (OES Form 2730).

Does your facility...	If Yes, please complete these pages of the UPCF.	
A. HAZARDOUS MATERIALS Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	4 HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION (OES 2731)
B. UNDERGROUND STORAGE TANKS (USTs) <ul style="list-style-type: none"> Own or operate underground storage tanks? Intend to upgrade existing or install new USTs? 	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	5 UST FACILITY (Formerly SWRCB Form A) UST TANK (one page per tank) (Formerly Form B)
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	6 UST FACILITY UST TANK (one per tank) UST INSTALLATION - CERTIFICATE OF COMPLIANCE (one page per tank) (Formerly Form C)
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	7 UST TANK (closure portion - one page per tank)
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Own or operate ASTs above these thresholds: —any tank capacity is greater than 660 gallons, or —the total capacity for the facility is greater than 1,320 gallons?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	8 NO FORM REQUIRED TO CUPAs
D. HAZARDOUS WASTE <ul style="list-style-type: none"> Generate hazardous waste? Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)? Treat hazardous waste on site? Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)? Consolidate hazardous waste generated at a remote site? Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite? 	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	9 EPA ID NUMBER - provide at the top of this page
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	10 RECYCLABLE MATERIALS REPORT (one per recycler)
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	11 ONSITE HAZARDOUS WASTE TREATMENT - FACILITY (Formerly DTSC Forms 1772)
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	12 ONSITE HAZARDOUS WASTE TREATMENT - UNIT (one page per unit) (Formerly DTSC Forms 1772 A, B, C, D and L)
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	13 CERTIFICATION OF FINANCIAL ASSURANCE (Formerly DTSC Form 1232)
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	14 REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION (Formerly DTSC Form 1196)
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	HAZARDOUS WASTE TANK CLOSURE CERTIFICATION (Formerly DTSC Form 1249)
E. LOCAL REQUIREMENTS <ul style="list-style-type: none"> MEDICAL WASTE Generate <200 lbs/month of Medical/Biohazardous Waste? Generate ≥200 lbs/month of Medical/Biohazardous Waste? Generate ≥200 lbs/month of Medical/Biohazardous Waste and treat any amount of medical waste Handle Toxic gases with threshold limit concentration (TLV) # 10 ppm in any quantity? 	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	



Permit#: 208961

DATE INSPECTED: 1/22/08

UNIFIED PROGRAM FACILITY PERMIT APPLICATION

This business or service is required to obtain a Unified Program Facility Permit from the San Diego County Department of Environmental Health. I answered "yes" to one or more of the questions on the "Business Activities" form.

Date assumed business ownership at this location: 2007-06-01

This permit does not excuse any owner or operator from complying with all applicable federal, state, county or local laws, ordinances or regulations. The owner or operator is required to determine if another permit or approval from any other agency or department is necessary. The County, by issuing this permit, does not relinquish its right to enforce any violation of law.

I have determined that this business or service does not require a Unified Program Facility Permit from the San Diego County Department of Environmental Health.

I declare under penalty of perjury that to the best of my knowledge and belief the statements made herein are correct and true. I consent to all necessary inspections allowed by law and incidental to the issuance of required permit(s) and the operation of this business.

Signature: *Phil Duffy*

Title: Dr. New Vendor

Printed Name: Phil Duffy, VP Operations

Date: Dec 7 2007

Type of Business:
Bio-Pharmaceutical Manufacturing

Phone #: (858) 625-2424 x

Please complete the business information on the following page and return this application to the San Diego County Department of Environmental Health at:

SAN DIEGO COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261
SAN DIEGO CA 92112-9261

If a San Diego County Unified Program Facility Permit is required for your business or service a representative of this Department will contact your business. Permit fees will be determined from the contact and a billing statement will be mailed.

NOTE: If you do not use hazardous materials, generate hazardous waste, or have underground storage tanks you are still required to return this form.

A representative of the San Diego County Department of Environmental Health may contact you to verify the information provided on this application.



SAN DIEGO COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH - CUPA
HAZARDOUS MATERIALS DIVISION
 P.O. BOX 129261, SAN DIEGO, CA 92112-9261
 (619) 338-2222 FAX (619) 338-2377
 1-800-253-9933

BUSINESS OWNER/OPERATOR IDENTIFICATION

Page of

I. IDENTIFICATION

FACILITY ID#	3 7 0 0 0 2 0 8 9 6 1	BEGINNING DATE	2007-09-01	ENDING DATE	2008-08-01
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)			BUSINESS PHONE		
Pacira Pharmaceuticals			(858) 625-2424 x		
BUSINESS SITE ADDRESS					
11011 North Torrey Pines Rd					
CITY	La Jolla	CA	ZIP CODE	92037-	
DUN & BRADSTREET	SIC CODE (4 digit #)		2834		
COUNTY					
San Diego					
BUSINESS OPERATOR NAME			BUSINESS OPERATOR PHONE		
Pacira Pharmaceuticals			(858) 625-2424 x		

II. BUSINESS OWNER

OWNER NAME	Pacira Pharmaceuticals, Inc.	OWNER PHONE	858-625-2424
OWNER MAILING ADDRESS			
10450 Science Center Drive			
CITY	San Diego	STATE	CA
		ZIP CODE	92121-

III. ENVIRONMENTAL CONTACT

CONTACT NAME	Marcus Webb	CONTACT PHONE	(858) 625-2424 x
CONTACT MAILING ADDRESS			
10450 Science Center Drive			
CITY	San Diego	STATE	CA
		ZIP CODE	92121-

-PRIMARY-

IV. EMERGENCY CONTACTS

-SECONDARY-

NAME	Marcus Webb	NAME	Peter Vasquez
TITLE	Sr. Director, Engineering/EHS	TITLE	Director, Plant Operations
BUSINESS PHONE	(858) 625-2424 x	BUSINESS PHONE	(858) 625-2424 x
24-HOUR PHONE		24-HOUR PHONE	
		PAGER #	

ADDITIONAL LOCALLY COLLECTED INFORMATION:

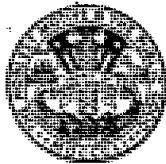
E-MAIL: *

***This information is optional and will remain confidential. Complete if you want to receive periodic program updates from HMD.**

ALWAYS SUBMIT A COPY OF THIS COMPLETED PAGE WITH SUBMITTAL OF ANY OTHER UNIFIED PROGRAM CONSOLIDATED FORM.

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE	NAME OF DOCUMENT PREPARER
	12/7/07	Sharon Vidal, CHMM
NAME OF SIGNER (print)	TITLE OF SIGNER	
Phil Duffy	Vice President, Operations (Pacira)	



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(619) 338-2222 FAX (619) 338-2377; 1-800-253-9933
www.sdcounty.ca.gov/deh/hmd



#208961

Medical Waste Management Plan

Facility Information

Business

Name: Pacira Pharmaceuticals, Inc.

Type of Business: Pharmaceutical Manufacturing

Address: 11011 North Torrey Pines Rd La Jolla CA 92037
Street No. Street Name City State Zip Code

Unified Program Facility

Permit #: 136185

Date: 10 /24 /2007

Person Responsible for implementing the Medical Waste Management Plan

Name: Marcus Webb

Title: Sr. Director, Engineering & EHS

Phone: (858) 625 X 2424

Types of wastes generated

- | | |
|--|---|
| <input checked="" type="checkbox"/> Sharps – needles, broken glass, blades.

Estimated monthly amount <u>5</u> lbs | <input type="checkbox"/> Blood or body fluids - liquid blood elements or other regulated body fluids, or articles contaminated with blood or body fluids.

Estimated monthly amount <u> </u> lbs |
| <input checked="" type="checkbox"/> Laboratory wastes - specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, and culture media.

Estimated monthly amount <u>180</u> lbs | <input type="checkbox"/> Isolation waste – waste contaminated with excretion, exudates, or secretions from humans or animals who are isolated due to highly communicable diseases.

Estimated monthly amount <u> </u> lbs |
| <input type="checkbox"/> Waste contaminated with fixatives or chemotherapeutic agents.

Estimated monthly amount <u> </u> lbs | <input type="checkbox"/> Surgical specimens – human or animal parts or tissues removed surgically or by autopsy.

Estimated monthly amount <u> </u> lbs |
| <input type="checkbox"/> Pathology waste – recognizable human anatomical parts.

Estimated monthly amount <u> </u> lbs | <input type="checkbox"/> Contaminated animals – animal carcasses, body parts, bedding materials.

Estimated monthly amount <u> </u> lbs |
| <input type="checkbox"/> Other (please specify): <u> </u>
Estimated monthly amount <u> </u> lbs | <input type="checkbox"/> Home Generated Sharps

Estimated monthly amount <u> </u> lbs |

Estimate of TOTAL monthly medical waste generated: 185 lbs

Method of treatment performed onsite (if applicable):

- Steam Autoclaving Other state approved alternative technology (please specify below):

Medical Waste Management Plan

Registered Medical Waste Hauler used to remove untreated medical waste (if applicable):

Name: Advanced Chemical Transport / Sanitec USA

Address: 12310 World Trade Drive

City: San Diego State CA ZIP Code 92128

Phone #: (858) 673 X 3452

Contact Person: Spencer Pfaff, ACT (Account Manager for Pacira)

Offsite treatment facility to which medical waste is transported (if applicable):

Facility Name: Sanitec USA

Address:

City: State ZIP Code

Phone #: () X

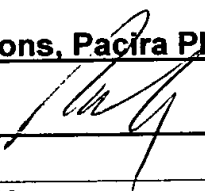
Contact Person:

Phone #: () X

I hereby certify to the best of my knowledge and believe the statements made herein are correct and accurate.

Name: Phil Duffy
Type or Print

Title: Sr. VP Operations, Pacira Pharmaceuticals

Signature: 

Date: 2/7/07

Emergency Action Plan:
Note: This requirement only applies to Large Quantity Generators of Medical Waste (≥200 lbs/month)
Plan to be followed to ensure the proper disposal of medical waste in the event of a natural disaster, treatment system breaks down, power failure, spill, etc. (600 characters max. for WORD interactive form – use additional sheets if necessary).

*Please refer to the Standard Operating Procedure (EHS Series 026 – XX) Emergency Action Plan.

Refer to the following SOPs for information related to the Medical Waste Management Program. The EHS Standard Operating Procedures are found in the 026 - XXX Series.

- Bioexposure Control Plan
- Biohazardous Waste Disposal
- Emergency Action Plan
- Fire Prevention Plan
- Injury Illness Prevention Plan

H file #: 208961

Date: October 17, 2007

**SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT DIVISION
Annual Carcinogen and Reproductive Toxin Reporting List**

Business Name: Pacira Pharmaceuticals, Inc.

Business Address: 11011 North Torrey Pines Rd. (B6) La Jolla, CA 92037

Business Owner or Operator: Pacira Pharmaceuticals, Inc. 10450 Science Center Drive San Diego, CA 92121

Please complete the following by entering the chemical name in the chemical name column and then place a check in the quantity column that most closely estimates the amount on hand. If measure by volume, check the appropriate gallon column(s). If measured by weight, check the appropriate pound column(s). If the chemical is a trade secret, you should check the trade secret box. For example, if you have one pint of benzene you would write benzene in the chemical name column and place a check in the A<1 gallon column. (PLEASE NOTE: the symbol < means less than).

Chemical Name	<1 gallon	<1 pound	<10 gallons	<10 pounds	<55 gallons	<500 pounds	Trade Secret
Dichloromethane (Methylene chloride)			<input checked="" type="checkbox"/>				
o-Phenylphenate, sodium			<input checked="" type="checkbox"/>				
Tetrachloroethylene (Perchloroethylene)			<input checked="" type="checkbox"/>				
Toluene			<input checked="" type="checkbox"/>				

The above Prop 65 chemicals are found in the following products in the Pacira Inventory:

Prop 65 chemical	Product
o-Phenylphenate, sodium	Buffer Solution Red
o-Phenylphenate, sodium	Buffer solution Yellow
Tetrachloroethylene (Perchloroethylene)	KwikEe Penetrant -Lawson
Tetrachloroethylene (Perchloroethylene)	Liquid Wrench Super Lubricant -Soldier Seal
Dichloromethane (Methylene chloride)-	Super 77 Spray Adhesive -Lawson
Tetrachloroethylene (Perchloroethylene)	Sheila Shine, Polish
Toluene	Color Guard -Loctite
Toluene	Contact Cement -Weldwood
Toluene	ARMAFLEX pipe insulation 520 adhesive -Armstrong

#208961

San Diego County Hazardous Materials Management Division
REGULATED SUBSTANCE DISCLAIMER INFORMATION FORM

This form is to be completed by facilities that no longer handle regulated substances and by facilities that have reduced their usage of a regulated substance below threshold quantity in a process. Facilities that no longer handle regulated substances or have reduced their usage of regulated substances within a process will not be required to prepare a Risk Management Plan.

Date Submitted: DEC 2007 Health Permit H: 136185

Facility Name: Pacira

Facility Site Address: 11011 North Torrey Pines Rd La Jolla, CA 92037

Facility Mailing Address: 10450 Science Center Drive

Facility Phone Number: 858-625-2424

Facility Contact Person: Marcus Webb

I. The following regulated substances are no longer handled at the above site:

II. The following regulated substances are handled below their threshold quantities:

Regulated Substance	Process (include storage as process)	Amount Handled in the Process
SEE ATTACHED SHEET		

#208961

Regulated Substances Disclaimer Information Form

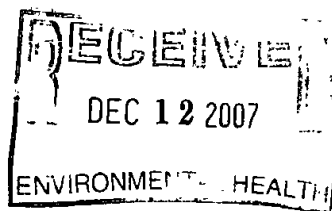
B6

Regulated Substance	Process (include storage as process)	Amount Handled in the Process
Acetylene [Ethyne]	Fume Hood & Storage	<1000 lbs
Butane	Fume Hood & Storage	<10 lbs
Difluoroethane [Ethane, 1,1-difluoro-]	Fume Hood & Storage	<10 lbs
Hydrochloric acid (conc 37% or greater)	Fume Hood & Storage	<10 lbs
Hydrogen chloride (gas / anhydrous)	Fume Hood & Storage	<10 lbs
Hydrogen	Fume Hood & Storage	<10 lbs
Isobutane [Propane, 2-methyl]	Fume Hood & Storage	<50 lbs
Nitric acid (conc 80% or greater)	Fume Hood & Storage	<50 lbs
Phenol	Fume Hood & Storage	<10 lbs
Propane	Fume Hood & Storage	<50 lbs



#208961

November 20, 2007



County of San Diego
Department of Environmental Health
Hazardous Materials Division
P.O. Box 129261
San Diego, CA 92112-9261

Re: Pacira Pharmaceuticals, Inc. Facility
Facility ID # 136185, Hazardous Material Business Plan Submittal

Pacira Pharmaceuticals hereby submits the Hazardous Material Business Plan for the B6 facility located at 11011 North Torrey Pines Rd.

Effective June 1, 2007, SkyePharma Inc. completed a name change to Pacira Pharmaceuticals, Inc. The name change is a result of the transformation from a former business unit of SkyePharma PLC to an independent, private company.

Updated information is contained in the submitted Business Plan. Pacira has recently contracted Protech to complete a physical inventory. Upon receipt of their report, Pacira will submit updated information related to the Hazardous Materials Inventory and applicable reporting requirements.

Please contact me with any additional questions at 858-625-2424. Thank you for your attention to this matter.

Sincerely,

A handwritten signature in black ink, appearing to read 'Phil Duffy', written over a horizontal line.

Phil Duffy
Vice President, Operations
Pacira Pharmaceuticals, Inc.

Attachments:

- Business Activities
- Business Owner/Operator Identification
- Hazardous Material Business Plan Certification
- Emergency Response Plan
- Employee Training Description
- General Information (Emergency Information)
- Site Map
- Regulated Substance Disclaimer
- Annual Carcinogen and Reproductive Toxin Reporting List
- Medical Waste Management Plan



Co

M

Business

Name: Pacira Pharmaceuticals

Type of Business: Pharmaceut

Address: 11011

Me

Registered Medical Waste H

Name: Advanced Chemical

Address: 12310 World Trade

City: San Diego State C

Phone #: (858) 673X 3452

Contact Person: Spencer P

04/16/2008

07:34

858



Facsimile

To:

Company:

Fax:

04/16/2008 07:34

858-



August 8, 2007

County of San Diego
Department of Environment and Natural Resources
Hazardous Materials Division

04/16/2008 07:34

858-



Re: Pacira PH

04/16/2008 07:34

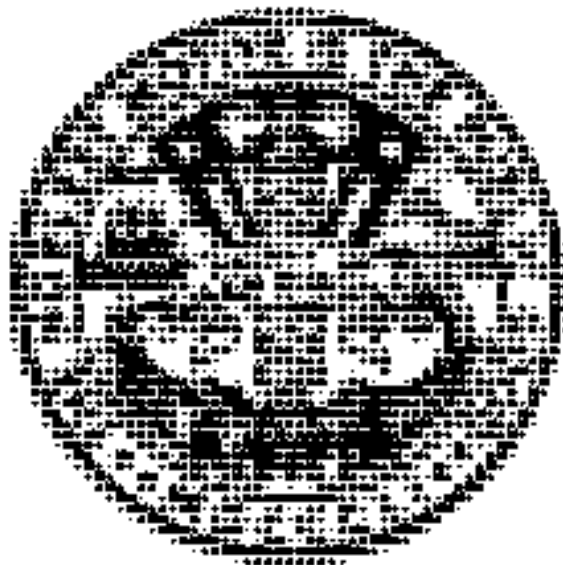
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04/16/2008 07:34

858-

The undersigned her

1. They
Inc a California corp



APN: 340-010-39-00

DATE ISSUED: 02-MAY-2008

PERMIT: HK07 208961

SCOPE: BIOMEDICAL/BIOTECH

SITE ADDRESS: 11011 N TORREY PIN

SUBDIVISION:

CITY: La Jolla, CA 92037

Fees Calculated 12 Months Back

Date Fee Code Description

RECEIVED DEC 0



DEPARTMENT

PERFORMANCE FEEDBACK

A. SITE INFORMATION (Provide)

Business Name: PACIFIC

Site/Facility Address: 110

Street

Mailing Address: 1045

(if different than site address) Street

GARY W. ERBECK
DIRECTOR

†

PER

A Program

Application

All performance
If applicant does not

Business Name: *PACIRA*

1. Specialist must review and
meets all performance st

A valid Project/Sc

A valid Unified Pro

Been inspected by

A Program Data Process

When Office Assistants receive
and will mail out a copy of the
rejected application, they will

New business

- 1. Change Scope/Pro**
- 2. Add a Quantity to**
- 3. Add a comment th**

“Business approved f



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 1 OF 2 DATE 1/22/08
 PERMIT # ~~136185~~ 208961
 TIME START 935 END 1303
 BUS. CODE K67
 SPECIALIST MIKE MANN
 INSPECTION CONTACT/TITLE
MARCUS WEBB ISR. DIR. ENG.
 PHONE: (858) 625-2424

BUSINESS NAME PACIRA PHARMACEUTICALS, INC
 ADDRESS 11011 N. TORREY PINES RD.
 CITY/ZIP LA JOLLA 92037

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (HSC) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

- | Y | N/A | | Y | N/A | |
|--------------------------|--------------------------|---|--------------------------|--------------------------|-------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Unified Program Facility Permit current and available | | | Permit Expires on: <u>1/1</u> |
| <input type="checkbox"/> | <input type="checkbox"/> | Hazardous Materials Business Plan available | <input type="checkbox"/> | <input type="checkbox"/> | Contingency Plan available |
| <input type="checkbox"/> | <input type="checkbox"/> | Employee Training is adequate | <input type="checkbox"/> | <input type="checkbox"/> | Employee Training records available |
| <input type="checkbox"/> | <input type="checkbox"/> | Waste disposal records available for review | <input type="checkbox"/> | <input type="checkbox"/> | Waste containers kept closed |
| <input type="checkbox"/> | <input type="checkbox"/> | Emergency contacts current <input type="checkbox"/> Updated today | <input type="checkbox"/> | <input type="checkbox"/> | Waste containers kept labeled |
| <input type="checkbox"/> | <input type="checkbox"/> | Chemical inventory current <input type="checkbox"/> Updated today | <input type="checkbox"/> | <input type="checkbox"/> | Waste containers in good condition |

CHANGE OF OWNERSHIP INSPECTION

RECEIVED JAN 29 2008

ON 1/22/08, AN INSPECTION OF PACIRA PHARMACEUTICALS WAS CONDUCTED WITH MARCUS WEBB, NURIA IBARRA, SHARON VIDAL, AND MARTIN SKIPPER. THE FOLLOWING VIOLATION WAS OBSERVED.

NOTICE TO COMPLY:

1. ONE 55 GALLON CONTAINER HOLDING FLAMMABLE HAZARDOUS WASTE LOCATED INSIDE THE HAZARDOUS WASTE STORAGE AREA IS NOT PROPERLY GROUNDED TO PREVENT FIRE OR EXPLOSION.

- CORRECTIVE ACTION REQUIRED: PROPERLY BOND AND GROUND ALL FLAMMABLE HAZARDOUS WASTE STORAGE CONTAINERS IN THE HAZARDOUS WASTE STORAGE AREA.

REMARK: ONE HAZARDOUS WASTE SATELLITE CONTAINER LOCATED INSIDE THE FORMULATION ROOM WAS PROPERLY LABELED WITH A HAZARDOUS WASTE LABEL DURING THIS INSPECTION.

THE HAZARDOUS MATERIALS INVENTORY WAS COMPILED AND VERIFIED DURING THIS INSPECTION INCLUDING ANNUAL CARCINOGEN AND REPRODUCTIVE TOXIN LIST.

This is an annual certification that the Hazardous Materials Business Plan (inventory, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored.

Initials of Business Representative

Mann

Signature of Business Representative

1/22/08

Date Signed

Sr. Dir Eng, EH IS.

Title of Business Representative

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
 Phone: (619) 338-2222 Fax: (619) 338-2377 1-800-253-9933 <http://www.sdcounty.ca.gov/deh/hmd/index.html>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT Small and Large Quantity Generators of Hazardous Waste Handlers of Hazardous Materials

208961

PERMIT # 136185

DATE 1/22/08

PAGE 2 OF 2

BUSINESS ADDRESS: 11011 N. TORREY PINES RD. LA JOLLA ZIP: 92037

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19 & 22 of the California Code of Regulations (CCR), Chapters 6.5 & 6.95 of the Health and Safety Code, and/or the San Diego County Code (SDCC). Small Quantity Hazardous Waste Generator=(SQG); Large Hazardous Waste Quantity Generator=(LQG); Code 40 of Federal Regulations=(CFR). All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Your Specialist can provide this form. Please call (619) 338-2222 or your Specialist if you have any questions.

HAZARDOUS MATERIALS REQUIREMENTS

Viol #	V	VIOLATION DESCRIPTION
<input type="checkbox"/>	<input type="checkbox"/>	1001 UPF permit not obtained for hazardous materials. 68.905
<input type="checkbox"/>	<input type="checkbox"/>	1002 HMBP not established/implemented. 25503.5(a)
<input type="checkbox"/>	<input type="checkbox"/>	1004 HMBP not submitted to HMD. 25505(a)
<input type="checkbox"/>	<input type="checkbox"/>	1005 Emergency contact not provided or current. 25509(a)(7)
<input type="checkbox"/>	<input type="checkbox"/>	1007 Highly toxic gas (TLV≤10 ppm) not disclosed. 68.1113(b)
<input type="checkbox"/>	<input type="checkbox"/>	1008 Annual carcinogen/reproductive toxin list not sent to HMD. 68.1113(c)
<input type="checkbox"/>	<input type="checkbox"/>	1009 Site map is not sufficient or complete. 25509(a)(5) & 25505(a)(2)
<input type="checkbox"/>	<input type="checkbox"/>	1010 Did not report release or threatened release. 25507(a), CCR 2703
<input type="checkbox"/>	<input type="checkbox"/>	1013 Copy of HMBP not onsite for inspector's review. 25505(e)
<input type="checkbox"/>	<input type="checkbox"/>	1014 HMBP is incomplete/inadequate/not amended to reflect changes. 25504, 25505(a)(2) &/or 25509(a); 25505(b); 19 CCR 2729
<input type="checkbox"/>	<input type="checkbox"/>	1015 Did not have adequate employee training program 2732 &/or 25504 (c)
<input type="checkbox"/>	<input type="checkbox"/>	1016 Failure to have an adequate emergency response plan 25504 (b); 2731
<input type="checkbox"/>	<input type="checkbox"/>	1017 Business Plan not certified annually. 25505(d) & (e)(2)
<input type="checkbox"/>	<input type="checkbox"/>	1018 Inventory not amended for 100% increase of hazardous material onsite or inventory is incomplete. 25509, 25510

HAZWASTE REQUIREMENTS FOR LOGs & SOGs RECORDKEEPING

<input type="checkbox"/>	<input type="checkbox"/>	0131 Unified Program Facility (UPF) permit not obtained. SDCC 68.905
<input type="checkbox"/>	<input type="checkbox"/>	0132 Failed to obtain & maintain a valid EPA ID Number. 66262.12(a)
<input type="checkbox"/>	<input type="checkbox"/>	0133 Failed to send manifest copy to DTSC. 66262.23(a)(4)
<input type="checkbox"/>	<input type="checkbox"/>	0134 Failed to file Exception Report with DTSC. 66262.42
<input type="checkbox"/>	<input type="checkbox"/>	0135 Failed to keep waste manifests/receipts for 3 years available for inspection. 66262.40(a) & 25160.2(b)(3)
<input type="checkbox"/>	<input type="checkbox"/>	0136 Did not have records of battery disposal. 66266.81(a)(4)(B)
<input type="checkbox"/>	<input type="checkbox"/>	0137 Failed to complete manifest properly. 66262.23(a)
<input type="checkbox"/>	<input type="checkbox"/>	0138 Failed to have TSDF copy of manifest onsite. 66262.40(a)
<input type="checkbox"/>	<input type="checkbox"/>	0140 Failed to have LDR documentation onsite. 66268.7(a)(8)
<input type="checkbox"/>	<input type="checkbox"/>	0141 Failed to obtain approval for TSDF. 25201(a)
<input type="checkbox"/>	<input type="checkbox"/>	0142 Failed to notify CUPA for eligible onsite treatment. 25201(a)
<input type="checkbox"/>	<input type="checkbox"/>	0145 ERM reporting not submitted biennially &/or available. 25143.10
<input type="checkbox"/>	<input type="checkbox"/>	0146 Failed to have adequate records demonstrating claim of exemption for Excluded Recyclable Material (ERM). 25143.2(f) & 66261.2(g)
<input type="checkbox"/>	<input type="checkbox"/>	0147 Failed to keep universal waste record for 3 years for offsite shipment. SQH:66273.19(b)&(c)(2); LQH:66273.39(b)&(c)(2)
<input type="checkbox"/>	<input type="checkbox"/>	0148 Failed to keep copies of analytical results, waste analysis records, or waste determination results. (3 years) 66262.40(c)
<input type="checkbox"/>	<input type="checkbox"/>	0149 Failed to keep disposal receipts (3 years) for drained used oil filters and/or drained fuel filters. 25250.22 and 66266.130(c)(5)

DISPOSAL AND TRANSPORTATION

<input type="checkbox"/>	<input type="checkbox"/>	0301 Unauthorized disposal of hazardous waste. 25189.5(a) or 25189(d)
<input type="checkbox"/>	<input type="checkbox"/>	0302 Unlawful transportation of hazardous waste (HW). 25163(a)
<input type="checkbox"/>	<input type="checkbox"/>	0303 Did not use HW manifest for disposal. 66262.20(a), 25160.2(b)9
<input type="checkbox"/>	<input type="checkbox"/>	0304 Failed to make a proper waste determination. 66262.11 & 66260.200(c)
<input type="checkbox"/>	<input type="checkbox"/>	0305 Disposed of used oil illegally. 25250.5(a) and 25189.5(a)
<input type="checkbox"/>	<input type="checkbox"/>	0306 Disposed of latex paint illegally. 25217.1
<input type="checkbox"/>	<input type="checkbox"/>	0307 Disposal of universal waste to an unauthorized point. 25189.5(a); SQH:66273.11(a); LQH 66273.31(a)
<input type="checkbox"/>	<input type="checkbox"/>	0308 Impermissible dilution of hazardous waste. 66268.3(a)

HAZWASTE REQUIREMENTS FOR LOGs & SOGs

Viol #	V	VIOLATION DESCRIPTION
		STORAGE AND HANDLING
<input type="checkbox"/>	<input type="checkbox"/>	0216 Failed to label hazardous materials within 10 days or less. 25124(b)(3)(A) & 66262.34(f)
<input type="checkbox"/>	<input type="checkbox"/>	0217 Failed to repackage damaged/deteriorated hazardous material container within 96 hours. 25124(b)(3)(B) & 66262.34(f)
<input type="checkbox"/>	<input type="checkbox"/>	0218 Failed to label &/or close drained <input type="checkbox"/> used oil filters &/or <input type="checkbox"/> used fuel filters. 25250.22 and 66266.130(c)(3)
<input type="checkbox"/>	<input type="checkbox"/>	0219 Failed to properly segregate used oil &/or fuel drained from filters. 66266.130(c)(6) or 25250.22(b)(4)
<input type="checkbox"/>	<input type="checkbox"/>	0220 Spent lead acid batteries not properly managed. 66266.81
<input type="checkbox"/>	<input type="checkbox"/>	0221 Failed to comply with satellite regulations. 66262.34(e)
<input type="checkbox"/>	<input type="checkbox"/>	0222 Failed to properly label ERM. 25143.9(a)
<input type="checkbox"/>	<input type="checkbox"/>	0223 Failed to properly manage non-empty container or inner liner removed from a container. 66261.7 (b), (d) &/or (r)
<input type="checkbox"/>	<input type="checkbox"/>	0224 Failed to mark date on empty container larger than 5 gallons and/or manage it within one year. 66261.7(e) & (f).

HAZWASTE REQUIREMENTS FOR SOGs ONLY

Viol #	V	VIOLATION DESCRIPTION
		STORAGE AND HANDLING-Pursuant to 66262.34(d)
<input type="checkbox"/>	<input type="checkbox"/>	0225 Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e) & (f), &/or 25201(a) [>90 days for an AHW waste]
<input type="checkbox"/>	<input type="checkbox"/>	0226 Did not accumulate waste in container or tank. 66262.34 (d)(2)
<input type="checkbox"/>	<input type="checkbox"/>	0227 Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
<input type="checkbox"/>	<input type="checkbox"/>	0228 Failed to keep container closed. CFR 265.173
<input type="checkbox"/>	<input type="checkbox"/>	0229 Failed to conduct weekly inspections. CFR 265.174
<input type="checkbox"/>	<input type="checkbox"/>	0230 Failed to maintain aisle space. CFR 265.35
<input type="checkbox"/>	<input type="checkbox"/>	0231 Failed to properly separate incompatible wastes. CFR 265.177
<input type="checkbox"/>	<input type="checkbox"/>	0232 Waste accumulated in a container in poor condition. CFR 265.171
<input type="checkbox"/>	<input type="checkbox"/>	0233 Failed to use a lined/compatible container. CFR 265.172.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0234 Did not maintain &/or operate facility to prevent release or fire. CFR 265.31

TRAINING, CONTINGENCY PLAN & ER PROCEDURES Pursuant to 66262.34(d)(2)

<input type="checkbox"/>	<input type="checkbox"/>	0407 Employee training program not adequate. CFR 262.34(d)(5)(iii)
<input type="checkbox"/>	<input type="checkbox"/>	0408 Failed to post ER plan by phone. CFR 262.34(d)(5)(ii)
<input type="checkbox"/>	<input type="checkbox"/>	0409 Spill/fire control equip not available. CFR 265.32(c)
<input type="checkbox"/>	<input type="checkbox"/>	0410 Failed to equip facility with internal communication or alarm. CFR 265.32(a) & (b)
<input type="checkbox"/>	<input type="checkbox"/>	0411 Failed to carry out contingency plan during an emergency. CFR 262.34(d)(5)(iv)
<input type="checkbox"/>	<input type="checkbox"/>	0412 Failed to have an emergency coordinator on call or available during emergency. CFR 262.34(d)(5)(i)

HAZARDOUS WASTE TANK SYSTEMS Pursuant to 66262.34(d)(2)

<input type="checkbox"/>	<input type="checkbox"/>	1612 Hazardous waste improperly stored in a tank system that <input type="checkbox"/> leaks, <input type="checkbox"/> is corroded, or <input type="checkbox"/> failing. CFR 265.201(b)(2)
<input type="checkbox"/>	<input type="checkbox"/>	1613 Failed to comply with tank standards which include: two feet of freeboard (where applicable), shut off for waste feed line, & daily and weekly inspections. CFR 265.201(b) & (c)
<input type="checkbox"/>	<input type="checkbox"/>	1614 Failed to properly complete &/or document closure for a hazardous waste tank. CFR 265.201(d) & 67383.3
<input type="checkbox"/>	<input type="checkbox"/>	1615 Failed to safely accumulate ignitable or reactive waste in a tank. CFR 265.201(e)
<input type="checkbox"/>	<input type="checkbox"/>	1616 Failed to safely manage incompatible waste in a tank. CFR 265.201(f)

Ma...

1,22,08

Sr. Dir. Eng. EHS

SIGNATURE OF BUSINESS REPRESENTATIVE

DATE SIGNED

TITLE OF BUSINESS REPRESENTATIVE

04/16/2008

07:34

858-



Facsim

To:

Company:

Fax:

04/16/2008

07:34

858-



August 8, 2007

County of San Diego
Department of Environment and
Hazardous Materials

04/16/2008 07:34

858-



Re: Pacira Ph

04/16/2008 07:34

858-

04/16/2008 07:34

858-

The undersigned her

1. They

Inc. a California



COUNTY

CORRECTED
DOCUMENT

BUSINESS NAME PACIRA

ADDRESS 11011 N. TORRE

VIOL #	DATE CORRECTED	
1 0234	<u>4/10/08</u>	Prop wast
2		



February 3, 2009

County of San Diego
Department of Environment and Planning



M

Business

Name:

PACIRA PH

Type of Business:

Pharm

M

Registered Medical Waste

Name: Clean Ho

Address: 9369 L

City: San Diego

Phone #: (858) 54

0



HAZ

The California Health & Safety Code (H&S)

The San Diego County, Department of Health & Safety requires a business that handles hazardous materials to develop a Hazardous Materials Business Plan, in lieu of a complete Hazardous Materials Business Plan. A business must certify that a complete HMBP includes the items established in H&SC Section 25504. Turn to page 37
Back for instructions and further clarification.

FACILITY ID#

3

7

BUSINESS NAME (Same as FACILITY NAME or DBA)



HAZA

The California Health & Safety Code (H&S)

The San Diego County, Department of
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Back for instructions and further clarif

FACILITY ID#

3 7

BUSINESS NAME (Same as FACILITY NAME or DB



HAZA

The California Health & Safety Code (H&S)
The County of San Diego, Department
requires a business that handles hazardous materials to develop a Hazardous Materials Business Plan, in lieu of a complete Hazardous Materials Business Plan (HMBP). A complete HMBP includes the items established in H&SC Section 25504. The plan must be maintained at the site where the hazardous materials are stored.

FACILITY ID#

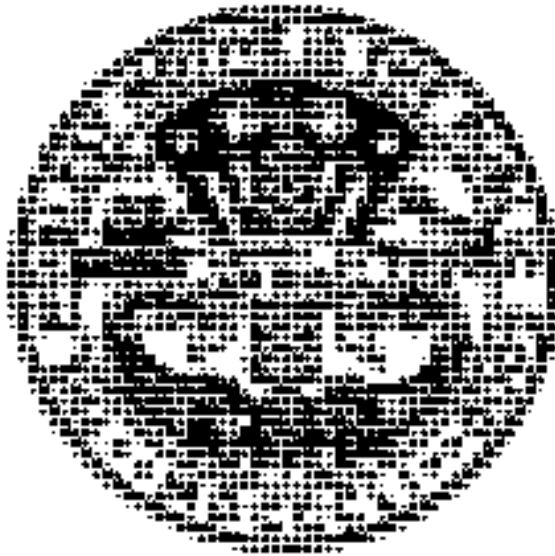
3 7

BUSINESS NAME (Same as FACILITY NAME or DBA)



May 17, 2010

**County of San Diego
Department of Environ**



BUSINI

FACILITY ID #

3

7

BUSINESS NAME (Same as FACILITY NAME or DB)

Pacira Pharmaceuticals, Inc.

BUSINESS SITE ADDRESS

11011 North Torrey Pines Road

BUSINESS SITE CITY

La Jolla



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 1 OF 1 DATE 2/22/2011
PERMIT# 208961 BUS. CODE K67P
TIME START 1006 END 1440
SPECIALIST MIKE MAUN
INSPECTION CONTACT
NURIA IBARRA
TITLE EHS SPECIALIST II
PHONE (858) 625-2424

FACILITY NAME PACIRA PHARMACEUTICALS, INC.
ADDRESS 11011 N. TORREY PINES RD. #130
CITY/ZIP LA JOLLA 92037

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

- Y N/A NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.
Unified Program Facility Permit current
Hazardous Materials Business Plan available
Employee training is adequate
Waste disposal records available for review
Emergency contacts current Updated today
Chemical inventory/map current Updated today
Permit Expires on: 31 MAY 2011
Contingency Plan available LQG SQG
Employee training records available
Universal waste managed properly
Waste containers closed labeled
Waste containers in good condition

Consent to inspect granted by: Inspection Contact Other:

ROUTINE INSPECTION

RECEIVED FEB 24 2011

THIS FACILITY HANDLES REPORTABLE QUANTITIES OF HAZARDOUS MATERIALS, IS A SMALL QUANTITY GENERATOR OF HAZARDOUS WASTES, AND IS A SMALL QUANTITY GENERATOR OF MEDICAL WASTE. THIS BUSINESS IS IN THE EPIC PLUS PROGRAM.

NO VIOLATIONS WERE OBSERVED DURING THIS INSPECTION.

THE HAZARDOUS MATERIALS BUSINESS PLAN (HMBP) WAS REVIEWED WITH NURIA. AT LEAST ANNUALLY, SUBMIT A COMPLETED HMBP CERTIFICATION FORM TO THE COUNTY HAZARDOUS MATERIALS DIVISION.*

A CURRENT MEDICAL WASTE MANAGEMENT PLAN IS MAINTAINED ON SITE.

PLEASE REFER TO THE PRINTED FACT SHEET FOR MORE INFORMATION REGARDING HAZARDOUS WASTE ACCUMULATION TIME LIMITS FOR GENERATORS.

YOUR BUSINESS CHEMICAL INVENTORY WILL BE UPDATED FOR THE BOILER WATER CORROSION INHIBITOR.

This is an annual certification that the Hazardous Materials Business Plan (inventory & site map, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored.

Initials of Facility Representative nri

PRINTED NAME OF FACILITY REPRESENTATIVE

Nuria Ibarra

DATE SIGNED

2/22/2011

SIGNATURE OF FACILITY REPRESENTATIVE

X Nuria Ibarra

TITLE OF FACILITY REPRESENTATIVE

EHS Specialist II

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261

Phone: (619) 338-2222 Toll Free: (800) 253-9933 http://www.sdcdeh.org



COUNTY OF SAN DIEGO
 DEPARTMENT OF ENVIRONMENTAL HEALTH-CUPA
 HAZARDOUS MATERIALS DIVISION
 P.O. BOX 129261, SAN DIEGO, CA 92112-9261
 (858) 505-6700 FAX (858) 505-6848

HAZARDOUS MATERIALS BUSINESS PLAN CERTIFICATION

The California Health & Safety Code (H&SC), Division 20, Chapter 6.95, Section 25505 provides for the following:
 The County of San Diego, Department of Environmental Health, Hazardous Materials Division (HMD), as the administering agency, requires a business that handles hazardous materials to submit the hazardous materials inventory, a list of emergency contacts, and a site plan, in lieu of a complete Hazardous Materials Business Plan (HMBP), only after the initial submittal of a complete HMBP. A complete HMBP includes the items to be submitted to the HMD and an Emergency Response Plan and Employee Training Plan, as established in H&SC Section 25504. The business must annually certify that a complete HMBP has been prepared, is current and is maintained at the site where the hazardous materials are stored. See *Back* for instructions and further clarification

I. IDENTIFICATION

FACILITY ID#	37000208961
BUSINESS NAME (Same as FACILITY NAME or DBA - Do Not Business As)	Pacira Pharmaceuticals, Inc
BUSINESS SITE ADDRESS	11011 N. Torrey Pines Rd #130
CITY	La Jolla
CA	ZIP CODE 92037

II. CERTIFICATION STATEMENT

CARCINOGEN/REPRODUCTIVE TOXIN ANNUAL RENEWAL WITHOUT CHANGES: This is an annual renewal to certify that the list of carcinogens and/or reproductive toxins last provided is a current list as specified in the San Diego County Code of Regulatory Ordinances Section 68.1113.

Check only ONE of the following boxes:

INITIAL CERTIFICATION: This is to certify (H&SC Section 25505(e)(1)) that a complete HMBP, which includes the hazardous materials inventory, a list of emergency contacts, a site plan, emergency response plan, and employee training plan, has been prepared and is maintained at the site where the hazardous materials are stored.

ANNUAL CERTIFICATION WITHOUT CHANGES: This is an annual certification (H&SC Section 25505(d) & (e)(2)) that the HMBP, which includes the hazardous materials inventory, a list of emergency contacts, a site plan, emergency response plan, and employee training plan, is current and includes all the information required in H&SC Section 25504, and 25509, and is maintained at the site where the hazardous materials are stored.

CERTIFICATION OF CHANGES/REVISIONS: This is to certify that the HMBP has been reviewed (H&SC Section 25505(c) & 25510) and all necessary changes/revisions have been made. The HMBP is current and is maintained at the site where the hazardous materials are stored. Attached are changes to the hazardous materials inventory and/or list of emergency contacts. For site map revisions, submit only the pages that have a change or revision and attach to this certification. This submittal satisfies annual certification requirements specified in H&SC Section 25505(d) & (e)(2).

As an Authorized Representative, I certify, under the penalty of law, that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete. By checking any of the boxes above I also certify that: a) The information contained in the hazardous materials inventory most recently submitted to the CUPA or Administering Agency is complete, accurate, and up to date; b) There has been no change in the quantity of hazardous materials reported in the most recently submitted inventory; and c) All hazardous materials subject to inventory requirements are listed on the most recently submitted inventory.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE <i>John Pratt</i>	DATE January 24, 2012
NAME OF SIGNER (print) John Pratt	TITLE OF SIGNER General Manager

	<input type="checkbox"/> Site Map <input type="checkbox"/> *Emergency Contacts <input checked="" type="checkbox"/> *Chemical Inventory	*Note: Indicate the date that the inventory and/or ER contact information in the KIVA database was reviewed and changes were submitted for processing. If the inventory and ER contact information are exactly the same as it is recorded in KIVA, no changes need to be submitted. 3/13/2012
	Hazardous Materials Business Plan acceptance date will be changed to the acceptance date on new site map. A letter will be mailed to business after processing of site map updates.	
	Specialist's Signature: (only required for new plans or for changes to site maps, chemical inventory and/or emergency contacts) <i>M. Man</i>	
HIRT SITE <input type="checkbox"/> ** FIRE DIST. _____	REMARKS: _____	

** If HIRT box is checked, follow HIRT policy to indicate on the inventory forms which hazardous materials make this a HIRT site.



A Passion for Delivering Improved Patient Care™

January 6, 2012

Rafaela Drummond
County of San Diego
Department of Environmental Health
Hazardous Materials Division
P.O. Box 129261
San Diego, CA 92112

**Re: Pacira Pharmaceuticals, Inc.
Facility ID Number's: 135405 and 208961**

Dear Rafaela:

Attached you will find Pacira Pharmaceuticals, Inc.'s Hazardous Materials Business Plan Certification forms for both of our sites, located at:

10450 Science Center Drive, #135405
San Diego, CA 92121, and

11011 North Torrey Pines Road, #208961
La Jolla, CA 92037

Also, for our Science Center location you will find the following updated forms:

Emergency Contact Information
Hazardous Materials Inventory
Site Map

Should you have any questions or require additional information, please feel free to contact me at 858.625.2414 ext: 3117 or via email nurjai@pacira.com.

Thank you in advance for your time.

Kind Regards,

Nuria Ibarra
EH&S Supervisor

Enclosures

TO FILE: #208961

RECEIVED

JAN 11 2012

ENVIRONMENTAL
HEALTH

FILE COPY

208961



COUNTY OF SAN DIEGO DEPARTMENT OF ENVIRONMENTAL HEALTH REQUEST FOR SERVICE WORKSHEET

RFS# 12-0074938
DATE REC: 23-APR-2012
REC BY: RMUNOZ
INSPECTOR: MMANN

REQUESTOR

This grayed area contains Reporting Party information that is blocked from public viewing for CONFIDENTIALITY purposes, per County Policy A-2.

EVENT LOCATION APN: 340-010-39-00 MUNI: SD CENSUS TRACT: 83.39
PERMIT: HK07 208961 NAME: PACIRA PHARMACEUTICALS, INC
ADDRESS: 11011 N TORREY PINES RD La Jolla 92037
COMMON PLACE:
OTHER LOCATION: ETHYLENE GLYCOL
X-COORD: Y-COORD:

DESCRIPTION OF PROBLEM(S) INCIDENT DATE: 22-APR-2012
PROBLEM(S): 6H25 - SPILL NOTIFICATION ONLY

NATURE OF COMPLAINT:
DATE: 23-APR-2012 BY: RMUNOZ

Per fax received: A pipe flange failure caused the product (50 gallons of Ethylene Glycol) to flow onto the building floor and then outside into a parking lot where it entered the storm drain. RP believes the storm drain flows to the Pacific Ocean. Clean up is underway.

HIRT (A person on duty) received the call at 10:05 via the State due to their notification.

Date/Time: 04/22/12 at 19:15
DEH received Cal EMA Fax: 04/22/12 at 21:47
Cal EMA 12-2400

SITE HISTORY

Previous RFS on this permit: Most recent: NONE Date: Status: Additional RFS: 0
FLAGS on this permit: Most recent: NONE Date: Status: Additional Flags: 0

RESPONSE INFORMATION

ACTION TAKEN:

Action	Service Description	Service Employee	Completed by	Date Completed

6-FOLLOWUP FOLLOW UP TO INITIAL COMPLAINT SROSECEH 22-APR-2012

4/22/12 - HIRT went out there; it was not nearly as bad as the report sounded. Fish & Game showed up, but it never made it out of the first drop box. I would guess more like 20 gallons, most of which was on the pavement between the leak and the drain. Probably 100 yards between the two.

6-CLOSED COMPLAINT CLOSED BY RMUNOZ 23-APR-2012

Spill Notification, copy sent to M. Mann and to file. SEE HIRT 2012-147

INVESTIGATOR SIGNATURE



A Passion for Delivering Improved Patient Care™

May 3, 2012

Mr. Mike Mann
County of San Diego CUPA
Department of Environmental Health
Hazardous Materials Division
P.O. Box 129261
San Diego, CA 92112

Re: Pacira Pharmaceuticals, Inc., 11011 North Torrey Pines Road, La Jolla, CA
Hazardous Materials Release on Sunday, April 22, 2012

Dear Mr. Mann:

As requested, Pacira Pharmaceuticals, Inc. is providing this written report to the San Diego Department of Environmental Health (DEH) regarding the accidental hazardous materials release which occurred at our facility located at 11011 N. Torrey Pines Road on April 22, 2012, at 7:13pm. The spill consisted of diluted ethylene glycol from a failed pipe flange within the cooling system.

The leak was first noticed by the building security guard, who notified the emergency point of contact (Mr. Mike Chalfant, Senior Facility Technician), who was onsite within twenty minutes. On arriving, Mr. Chalfant immediately worked to stop the flow from the breached pipe, which he estimates was less than one gallon per minute. He put a trash can under the leak at approximately 7:40pm, placed absorbent pigs to block the out flow of residual fluid from the loading dock, and the leak was stopped by approximately 7:45pm. Mr. Chalfant then telephoned Ms. Nuria Ibarra, EH&S Supervisor at 7:51pm to notify her of the spill. Ms. Ibarra requested additional support for spill clean-up from Protech ECS, Pacira's emergency response management contractor.

The majority of the released fluid spread across the driveway outside the building area where the equipment is located, but a small stream, less than 8 inches wide, reached a storm drain located approximately 50 yards away from the building in an adjacent parking lot. It is estimated that less than 50 gallons were released in total.

Pacira and Protech ECS employees worked to complete surface decontamination and absorption of accessible liquid from the spill using absorbent booms and pads.

Ms. Ibarra notified the California Emergency Management Agency (EMA) of the spill at 9:35pm and the County of San Diego Environmental Health Department at 9:47pm. Mr. Scott Rosecrans from the County of San Diego DEH arrived onsite at 10:30pm, along with a representative from the California Department of Fish and Game. They approved of the clean-up method being implemented and asked that a man hole in the path of the leak flow be cleaned out as soon as possible. Ms. Ibarra called Advanced Chemical Transport (ACT) on Monday, April 23 to arrange for this cleaning.

ACT performed clean-out of the man hole in question on Tuesday morning, April 24, 2012. A pressure washer and wet vacuum were used to clean out the smaller storm drain in the adjacent parking lot, as well as the larger storm drain on the adjacent main road (N. Torrey Pines Road). Please see attached for a copy of the manifest documenting this work.

Although the California EMA and San Diego DEH were notified as per Pacira's Business Plan, a "lesson learned" is that 911 emergency response should have been called first so that there is written documentation of the incident. In the future, and following Pacira's Business Plan, 911 will be called first, followed by California EMA and San Diego DEH.

Should you require further documentation or information about this incident, please contact Nuria Ibarra, Environmental Health & Safety Supervisor at (858) 625-2414.

Sincerely,



John R. Pratt
General Manager

Cc: Scott Rosecrans

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number CAR000146795	2. Page 1 of 1	3. Emergency Response Phone 1-888-785-7225	4. Manifest Tracking Number 009814895 JJK			
5. Generator's Name and Mailing Address Pacira Pharmaceuticals 10450 Science Center Drive Attn: Nuria Ibarra San Diego, CA 92121 Generator's Phone: (858)625-2424		Generator's Site Address (if different than mailing address) Pacira Pharmaceuticals Inc. 11011 N. Torrey Pines Road Attn: Nuria Ibarra La Jolla, CA 92037					
6. Transporter 1 Company Name Advanced Chemical Transport Inc. (SV)		U.S. EPA ID Number CAR000070540					
7. Transporter 2 Company Name		U.S. EPA ID Number					
8. Designated Facility Name and Site Address Filter Recycling Services, Inc. 180 W. Monte Ave. Rialto, CA 92316 Facility's Phone: 909-721-2038		U.S. EPA ID Number CAD982444481					
GENERATOR	9a. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes	
	1. Non-RCRA Hazardous Waste Liquid (Ethylene glycol release)	No	Type				
		1	DM	55	6	141	
	2.						
14. Special Handling Instructions and Additional Information Project Number 9415 Document #: D10467 MERG#: 12042508 PAF 1 X 55 (450 LBS)							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true							
Generator's/Offeror's Printed/Typed Name: <u>ON BEHALF OF PACIRA</u> <u>JOSMIA DUCIE</u>		Signature:		Month Day Year 15 12 12			
16. International Shipments <input checked="" type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit:		Date leaving U.S.:			
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name: <u>Jesse Vand...</u>		Signature:		Month Day Year 05 02 12			
Transporter 2 Printed/Typed Name:		Signature:		Month Day Year			
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
18b. Alternate Facility (or Generator)		Manifest Reference Number:		U.S. EPA ID Number			
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator)				Month Day Year			
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1.	2.	3.	4.				
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name		Signature		Month Day Year			



A Passion for Delivering Improved Patient Care™

#208961

RECEIVED
FEB 01 2012
ENVIRONMENTAL
HEALTH

January 24, 2012

Rafaela Drummond
County of San Diego
Department of Environmental Health
Hazardous Materials Division
P.O. Box 129261
San Diego, CA 92112

**Re: Pacira Pharmaceuticals, Inc.
Facility ID Number's: 135405 and 208961**

Dear Rafaela:

Attached you will find four (4) HM-9703 forms notifying you of a recent increase of our inventory at Pacira Pharmaceuticals, Inc. The increase is for Sodium Hydroxide, Phosphoric Acid and compressed air.

One of the increases is for the Torrey Pines facility (#208961) and the other three are for the Science Center site (#135405).

Should you have any questions or require additional information, please feel free to contact me at 858.625.2414 ext: 3117 or via email nuriai@pacira.com.

Thank you in advance for your time.

Kind Regards,

Nuria Ibarra
EH&S Supervisor

Enclosures



**COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH-CUPA
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6880 FAX (858) 505-6848**

HAZARDOUS MATERIALS BUSINESS PLAN CERTIFICATION

The California Health & Safety Code (H&SC), Division 20, Chapter 6.95, Section 25505 provides for the following:

The County of San Diego, Department of Environmental Health, Hazardous Materials Division (HMD), as the administering agency, requires a business that handles hazardous materials to submit the hazardous materials inventory, a list of emergency contacts, and a site plan, in lieu of a complete Hazardous Materials Business Plan (HMBP), only after the initial submittal of a complete HMBP. A complete HMBP includes the items to be submitted to the HMD and an Emergency Response Plan and Employee Training Plan, as established in H&SC Section 25504. The business must annually certify that a complete HMBP has been prepared, is current and is maintained at the site where the hazardous materials are stored. See *Back* for instructions and further clarification

I. IDENTIFICATION

FACILITY ID#	3	7	0	0	0	2	0	8	9	6	1	
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)	Pacira Pharmaceuticals, Inc.											
BUSINESS SITE ADDRESS	11011 North Torrey Pines Road											
CITY	104	CA	ZIP CODE	105								
La Jolla			92037									

II. CERTIFICATION STATEMENT

CARCINOGEN/REPRODUCTIVE TOXIN ANNUAL RENEWAL WITHOUT CHANGES: This is an annual renewal to certify that the list of carcinogens and/or reproductive toxins last provided is a current list as specified in the San Diego County Code of Regulatory Ordinances Section 68.1113.

Check only ONE of the following boxes:

INITIAL CERTIFICATION: This is to certify (H&SC Section 25505(e)(1)) that a complete HMBP, which includes the hazardous materials inventory, a list of emergency contacts, a site plan, emergency response plan, and employee training plan, has been prepared and is maintained at the site where the hazardous materials are stored.

ANNUAL CERTIFICATION WITHOUT CHANGES: This is an annual certification (H&SC Section 25505(d) & (e)(2)) that the HMBP, which includes the hazardous materials inventory, a list of emergency contacts, a site plan, emergency response plan, and employee training plan, is current and includes all the information required in H&SC Section 25504, and 25509, and is maintained at the site where the hazardous materials are stored.

CERTIFICATION OF CHANGES/REVISIONS: This is to certify that the HMBP has been reviewed (H&SC Section 25505(c) & 25510) and all necessary changes/revisions have been made. The HMBP is current and is maintained at the site where the hazardous materials are stored. Attached are changes to the hazardous materials inventory and/or list of emergency contacts. For site map revisions, submit only the pages that have a change or revision and attach to this certification. This submittal satisfies annual certification requirements specified in H&SC Section 25505(d) & (e)(2).

As an Authorized Representative, I certify, under the penalty of law, that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete. By checking any of the boxes above I also certify that: a) The information contained in the hazardous materials inventory most recently submitted to the CUPA or Administering Agency is complete, accurate, and up to date; b) There has been no change in the quantity of hazardous materials reported in the most recently submitted inventory; and c) All hazardous materials subject to inventory requirements are listed on the most recently submitted inventory.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE
<i>[Signature]</i>	January 6, 2012
NAME OF SIGNER (print)	TITLE OF SIGNER
John Pratt	General Manager

O F F I C E U S E	INSTRUCTIONS TO CLERICAL STAFF FOR HMBP ACCEPTANCE	<input type="checkbox"/> Site Map <input checked="" type="checkbox"/> *Emergency Contacts <input type="checkbox"/> *Chemical Inventory	2 / 22 / 12	*Note: Indicate the date that the inventory and/or ER contact information in the KIVA database was reviewed and changes were submitted for processing. If the inventory and ER contact information are exactly the same as it is recorded in KIVA, no changes need to be submitted.
	Hazardous Materials Business Plan acceptance date will be changed to the acceptance date on new site map. A letter will be mailed to business after processing of site map updates.			
	HIRT SITE <input type="checkbox"/> ** FIRE DIST. _____	Specialist's Signature: (only required for new plans or for changes to site maps, chemical inventory and/or emergency contacts)		

** If HIRT box is checked, follow HIRT policy to indicate on the inventory forms which hazardous materials make this a HIRT site.

**SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
Annual Carcinogen and Reproductive Toxin Reporting List**

Business Name: Pacira Pharmaceuticals, Inc.

Business Address: 11011 N Torrey Pines Rd., La Jolla, CA 92037

Business Owner or Operator: Pacira Pharmaceuticals, Inc.

Please complete the following by entering the chemical name in the chemical name column and then place a check ✓ in the quantity column that most closely estimates the amount on hand. If measured by volume, check the appropriate gallon column(s). If measured by weight, check the appropriate pound column(s). If the chemical is a trade secret, you should check the trade secret box. For example, if you have one pint of benzene you would write benzene in the chemical name column and place a check ✓ in the <1-gallon column.

(PLEASE NOTE: the symbol < means less than).

Chemical Name	<1 gal.	<1 lb.	<10 gal.	<10 lbs.	<55 gal.	<500 lbs.	Trade Secret
Cytarabine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
Annual Carcinogen and Reproductive Toxin Reporting List**

Business Name: Pacira Pharmaceuticals, Inc.

Business Address: 11011 N Torrey Pines Rd., La Jolla, CA 92037

Business Owner or Operator: Pacira Pharmaceuticals, Inc.

Please complete the following by entering the chemical name in the chemical name column and then place a check ✓ in the quantity column that most closely estimates the amount on hand. If measured by volume, check the appropriate gallon column(s). If measured by weight, check the appropriate pound column(s). If the chemical is a trade secret, you should check the trade secret box. For example, if you have one pint of benzene you would write benzene in the chemical name column and place a check ✓ in the <1-gallon column.

(PLEASE NOTE: the symbol < means less than).

Chemical Name	<1 gal.	<1 lb.	<10 gal.	<10 lbs.	<55 gal.	<500 lbs.	Trade Secret
Cytarabine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6880 FAX (858) 505-6848
<http://www.sdcdeh.org>



Medical Waste Management Plan

Facility Information

Business Name: Pacira Pharmaceuticals, Inc. **Unified Program Facility Permit #:** 208961
Type of Business: Commercial Drug Manufacturer **Date:** 2/24/2014
Address: 11011 N. Torrey Pines Road, La Jolla **CA 92037**
Street No. Street Name City State Zip Code

Person Responsible for implementing the Medical Waste Management Plan

Name: John Sisco **Phone:** 858 625-2424 ext: 3266
Title: Manager, EH&S

Types of wastes generated

- | | |
|--|---|
| <input checked="" type="checkbox"/> Sharps - e.g., needles, blades, scalpels, or broken glass or syringes contaminated with biohazardous waste.
Estimated monthly amount <u>20</u> lbs | <input type="checkbox"/> Blood or body fluids - liquid blood or blood products, or other regulated body fluids, or articles contaminated with liquid blood or body fluids.
Estimated monthly amount _____ lbs |
| <input type="checkbox"/> Home-Generated Sharps
Estimated monthly amount _____ lbs | <input type="checkbox"/> Pathology waste - recognizable human anatomical parts.
Estimated monthly amount _____ lbs |
| <input checked="" type="checkbox"/> Laboratory wastes - specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, biologicals, and culture media.
Estimated monthly amount <u>99</u> lbs | <input type="checkbox"/> Surgical specimens - human or animal parts or tissues removed surgically or by autopsy and are suspected to be contaminated by agents which are contagious to humans.
Estimated monthly amount _____ lbs |
| <input type="checkbox"/> Liquid or semi-liquid biohazardous laboratory waste - treated on site by chemical disinfection* and discharged to sewer.
Estimated monthly amount _____ lbs | <input type="checkbox"/> Isolation waste - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases.
Estimated monthly amount _____ lbs |
| <input type="checkbox"/> Waste contaminated with fixatives or chemotherapeutic agents.
Estimated monthly amount _____ lbs | <input type="checkbox"/> Contaminated animals - animal carcasses, body parts, tissues or fluids suspected to be contaminated by agents which are contagious to humans.
Estimated monthly amount _____ lbs |
| <input type="checkbox"/> California-regulated pharmaceutical waste
Estimated monthly amount _____ lbs | <input type="checkbox"/> Other (specify):
Estimated monthly amount _____ lbs |

Estimate of *TOTAL* monthly medical waste generated: 119 lbs

ONSITE MEDICAL WASTE TREATMENT ONLY: Method of medical waste treatment *if performed onsite*:

- Steam Autoclaving Other state approved alternative technology (specify below):

Onsite medical waste treatment records must be maintained for three years. HSC §117975

*Per HSC §118215(c), for liquid or semi-liquid biohazardous laboratory waste (§117635(a)), the treatment method must be recognized by the NIH, the CDC, or the American Biological Safety Association. If the chemical disinfection of the medical waste causes the waste to become a hazardous waste, the waste shall be managed in accordance with the requirements of HSC Chapter 6.5 (commencing with §25100) of Division 20.

Medical Waste Management Plan

Registered Medical Waste Hauler used to remove untreated medical waste (if applicable):

Name: Advance Chemical Transport (ACT)

Address: 2010 Mission Road

City: Escondido State CA ZIP Code 92029

Phone #: 760-489-5600

Contact Person: Annette Peck, Account Manager

Offsite treatment facility to which medical waste is transported (if applicable):

Facility Name: Waste Management Solutions

Address: 4280 Bandini Blvd

City: Los Angeles State CA ZIP Code 90058

Phone #: 323-307-0514

Contact Person: _____ Phone #: _____

I hereby certify to the best of my knowledge and believe the statements made herein are correct and accurate.

Name: John Sisco

Type or Print

Title: Manager, Environmental Health & Safety

Signature: _____

Date: 02 25 2014

Emergency Action Plan:

Note: This requirement only applies to Large Quantity Generators of Medical Waste (≥ 200 lbs/month)

This plan is to be followed to ensure the proper disposal of medical waste in the event of a natural disaster, spill, treatment system break down, power failure, etc. (use additional sheets if necessary):



County of San Diego

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Medical Waste Management Plan

Facility Information

Business Name: Pacira Pharmaceuticals, Inc. **Unified Program Facility Permit #:** 208961
Type of Business: Commercial Drug Manufacturer **Date:** 2/24/2014
Address: 11011 N. Torrey Pines Road, La Jolla **CA 92037**
Street No. Street Name City State Zip Code

Person Responsible for implementing the Medical Waste Management Plan

Name: John Sisco **Phone:** 858 625-2424 ext: 3266
Title: Manager, EH&S

Types of wastes generated

- | | |
|--|---|
| <input checked="" type="checkbox"/> Sharps - e.g., needles, blades, scalpels, or broken glass or syringes contaminated with biohazardous waste.
Estimated monthly amount <u>20</u> lbs | <input type="checkbox"/> Blood or body fluids - liquid blood or blood products, or other regulated body fluids, or articles contaminated with liquid blood or body fluids.
Estimated monthly amount _____ lbs |
| <input type="checkbox"/> Home-Generated Sharps
Estimated monthly amount _____ lbs | <input type="checkbox"/> Pathology waste - recognizable human anatomical parts.
Estimated monthly amount _____ lbs |
| <input checked="" type="checkbox"/> Laboratory wastes - specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, biologicals, and culture media.
Estimated monthly amount <u>99</u> lbs | <input type="checkbox"/> Surgical specimens - human or animal parts or tissues removed surgically or by autopsy and are suspected to be contaminated by agents which are contagious to humans.
Estimated monthly amount _____ lbs |
| <input type="checkbox"/> Liquid or semi-liquid biohazardous laboratory waste - treated on site by chemical disinfection* and discharged to sewer.
Estimated monthly amount _____ lbs | <input type="checkbox"/> Isolation waste - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases.
Estimated monthly amount _____ lbs |
| <input type="checkbox"/> Waste contaminated with fixatives or chemotherapeutic agents.
Estimated monthly amount _____ lbs | <input type="checkbox"/> Contaminated animals - animal carcasses, body parts, tissues or fluids suspected to be contaminated by agents which are contagious to humans.
Estimated monthly amount _____ lbs |
| <input type="checkbox"/> California-regulated pharmaceutical waste
Estimated monthly amount _____ lbs | <input type="checkbox"/> Other (specify):
Estimated monthly amount _____ lbs |

Estimate of **TOTAL** monthly medical waste generated: 119 lbs

ONSITE MEDICAL WASTE TREATMENT ONLY: Method of medical waste treatment *if performed onsite:*

- Steam Autoclaving Other state approved alternative technology (specify below):

Onsite medical waste treatment records must be maintained for three years. HSC §117975

*Per HSC §118215(c), for liquid or semi-liquid biohazardous laboratory waste (§117635(a)), the treatment method must be recognized by the NIH, the CDC, or the American Biological Safety Association. If the chemical disinfection of the medical waste causes the waste to become a hazardous waste, the waste shall be managed in accordance with the requirements of HSC Chapter 6.5 (commencing with §25100) of Division 20.

Medical Waste Management Plan

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Phone #: 760-489-5600

Contact Person: Annette Peck, Account Manager

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Facility Name: Waste Management Solutions

Address: 4280 Bandini Blvd

City: Los Angeles State CA ZIP Code 90058

Phone #: 323-307-0514

Contact Person: _____ Phone #: _____

I hereby certify to the best of my knowledge and believe the statements made herein are correct and accurate.

Name: John Sisco

Type or Print

Title: Manager, Environmental Health & Safety

Signature: _____



Date: 02 25 2014

Emergency Action Plan:

Note: This requirement only applies to Large Quantity Generators of Medical Waste (≥ 200 lbs/month)

This plan is to be followed to ensure the proper disposal of medical waste in the event of a natural disaster, spill, treatment system break down, power failure, etc. (use additional sheets if necessary):



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Medical Waste Management Plan

Facility Information

Business Name: Pacira Pharmaceuticals, Inc. **Unified Program Facility Permit #:** 208961
Type of Business: Commercial Drug Manufacturer **Date:** 2/1/13
Address: 11011 N. Torrey Pines Road, La Jolla **CA 92037**
Street No. Street Name City State Zip Code

Person Responsible for implementing the Medical Waste Management Plan

Name: John Pratt **Phone:** 858-625-2424
Title: General Manager

Types of wastes generated

- | | |
|--|---|
| <input checked="" type="checkbox"/> Sharps - e.g., needles, blades, scalpels, or broken glass or syringes contaminated with biohazardous waste.
Estimated monthly amount <u>20</u> lbs | <input type="checkbox"/> Blood or body fluids - liquid blood or blood products, or other regulated body fluids, or articles contaminated with liquid blood or body fluids.
Estimated monthly amount _____ lbs |
| <input type="checkbox"/> Home-Generated Sharps
Estimated monthly amount _____ lbs | <input type="checkbox"/> Pathology waste - recognizable human anatomical parts.
Estimated monthly amount _____ lbs |
| <input checked="" type="checkbox"/> Laboratory wastes - specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, biologicals, and culture media.
Estimated monthly amount <u>76</u> lbs | <input type="checkbox"/> Surgical specimens - human or animal parts or tissues removed surgically or by autopsy and are suspected to be contaminated by agents which are contagious to humans.
Estimated monthly amount _____ lbs |
| <input type="checkbox"/> Liquid or semi-liquid biohazardous laboratory waste - treated on site by chemical disinfection* and discharged to sewer.
Estimated monthly amount _____ lbs | <input type="checkbox"/> Isolation waste - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases.
Estimated monthly amount _____ lbs |
| <input type="checkbox"/> Waste contaminated with fixatives or chemotherapeutic agents.
Estimated monthly amount _____ lbs | <input type="checkbox"/> Contaminated animals - animal carcasses, body parts, tissues or fluids suspected to be contaminated by agents which are contagious to humans.
Estimated monthly amount _____ lbs |
| <input type="checkbox"/> California-regulated pharmaceutical waste
Estimated monthly amount _____ lbs | <input type="checkbox"/> Other (specify):
Estimated monthly amount _____ lbs |

Estimate of **TOTAL** monthly medical waste generated: 96 lbs

ONSITE MEDICAL WASTE TREATMENT ONLY: Method of medical waste treatment if performed onsite:

- Steam Autoclaving** **Other state approved alternative technology (specify below):**

Onsite medical waste treatment records must be maintained for three years. HSC §117975

*Per HSC §118215(c), for liquid or semi-liquid biohazardous laboratory waste (§117635(a)), the treatment method must be recognized by the NIH, the CDC, or the American Biological Safety Association. If the chemical disinfection of the medical waste causes the waste to become a hazardous waste, the waste shall be managed in accordance with the requirements of HSC Chapter 6.5 (commencing with §25100) of Division 20.

Medical Waste Management Plan

Registered Medical Waste Hauler used to remove untreated medical waste (if applicable):

Name: Advance Chemical Transport (ACT)

Address: 2213 Meyers Avenue

City: Escondido

State CA

ZIP Code 92029

Phone #: 760-489-5600

Contact Person: Annette Peck, Account Manager

Offsite treatment facility to which medical waste is transported (if applicable):

Facility Name: Waste Management Solutions

Address: 4280 Bandini Blvd.

City: Vernon

State CA

ZIP Code 90058

Phone #: 323-307-0514

Contact Person:

Phone #:

I hereby certify to the best of my knowledge and believe the statements made herein are correct and accurate.

Name: John Pratt

Type or Print

Title: General Manager

Signature:

Date:

March 1 2013

Emergency Action Plan:

Note: This requirement only applies to Large Quantity Generators of Medical Waste (≥ 200 lbs/month)

This plan is to be followed to ensure the proper disposal of medical waste in the event of a natural disaster, spill, treatment system break down, power failure, etc. (use additional sheets if necessary):

The Emergency Action Plan is kept on site.



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6880 FAX (858) 505-6848
<http://www.sdcdelh.org>



Medical Waste Management Plan

Facility Information

BusinessName: Pacira Pharmaceuticals, Inc.**Unified Program Facility**Permit #: 208961Type of Business: Commercial Drug ManufacturerDate: 3/24/15Address: 11011 N. Torrey Pines Rd., La JollaCA 92037

Street No.

Street Name

City

State

Zip Code

Person Responsible for implementing the Medical Waste Management Plan

Name: Nuria IbarraTitle: Supervisor, EHSPhone: 858-625-2424 ext: 2203

Types of wastes generated

 Sharps - e.g., needles, blades, scalpels, or broken glass or syringes contaminated with biohazardous waste.Estimated monthly amount 20 lbs **Blood or body fluids** - liquid blood or blood products, or other regulated body fluids, or articles contaminated with liquid blood or body fluids.Estimated monthly amount lbs **Home-Generated Sharps**Estimated monthly amount lbs **Pathology waste** - recognizable human anatomical parts.Estimated monthly amount lbs **Laboratory wastes** - specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, biologicals, and culture media.Estimated monthly amount 122 lbs **Surgical specimens** - human or animal parts or tissues removed surgically or by autopsy and are suspected to be contaminated by agents which are contagious to humans.Estimated monthly amount lbs **Liquid or semi-liquid biohazardous laboratory waste** - treated on site by chemical disinfection* and discharged to sewer.Estimated monthly amount lbs **Isolation waste** - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases.Estimated monthly amount lbs **Waste contaminated with fixatives or chemotherapeutic agents.**Estimated monthly amount lbs **Contaminated animals** - animal carcasses, body parts, tissues or fluids suspected to be contaminated by agents which are contagious to humans.Estimated monthly amount lbs **California-regulated pharmaceutical waste**Estimated monthly amount lbs **Other (specify):**Estimated monthly amount lbsEstimate of **TOTAL** monthly medical waste generated: 142 lbs**ONSITE MEDICAL WASTE TREATMENT ONLY:** Method of medical waste treatment *if performed onsite:* **Steam Autoclaving** **Other state approved alternative technology** (specify below):
_____**Onsite medical waste treatment records must be maintained for three years. HSC §117975**

*Per HSC §118215(c), for liquid or semi-liquid biohazardous laboratory waste (§117635(a)), the treatment method must be recognized by the NIH, the CDC, or the American Biological Safety Association. If the chemical disinfection of the medical waste causes the waste to become a hazardous waste, the waste shall be managed in accordance with the requirements of HSC Chapter 6.5 (commencing with §25100) of Division 20.

Medical Waste Management Plan

Registered Medical Waste Hauler used to remove untreated medical waste (if applicable):

Name: Advance Chemical Transport (ACT)

Address: 2010 Mission Road

City: Escondido State CA ZIP Code 92029

Phone #: 760-489-5600

Contact Person: Annette Peck, Account Manager

Offsite treatment facility to which medical waste is transported (if applicable):

Facility Name: Waste Management Solutions

Address: 4280 Bandini Blvd.

City: Los Angeles State CA ZIP Code 90058

Phone #: 323-307-0514

Contact Person: _____ Phone #: _____

I hereby certify to the best of my knowledge and believe the statements made herein are correct and accurate.

Name: Nuria Ibarra

Type or Print

Title: Supervisor, Environmental Health & Safety

Signature:  Date: 3 24 2015

Emergency Action Plan:

Note: This requirement only applies to Large Quantity Generators of Medical Waste (≥200 lbs/month)

This plan is to be followed to ensure the proper disposal of medical waste in the event of a natural disaster, spill, treatment system break down, power failure, etc. (use additional sheets if necessary):



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6880 FAX (858) 505-6848
<http://www.sdcdelh.org>



Medical Waste Management Plan

Facility Information

BusinessName: Pacira Pharmaceuticals, Inc.**Unified Program Facility**Permit #: 208961Type of Business: Commercial Drug ManufacturerDate: 3/24/15Address: 11011 N. Torrey Pines Rd., La JollaCA 92037

Street No.

Street Name

City

State

Zip Code

Person Responsible for implementing the Medical Waste Management Plan

Name: Nuria IbarraTitle: Supervisor, EHSPhone: 858-625-2424 ext: 2203

Types of wastes generated

 Sharps - e.g., needles, blades, scalpels, or broken glass or syringes contaminated with biohazardous waste.Estimated monthly amount 20 lbs **Blood or body fluids** - liquid blood or blood products, or other regulated body fluids, or articles contaminated with liquid blood or body fluids.Estimated monthly amount lbs **Home-Generated Sharps**Estimated monthly amount lbs **Pathology waste** - recognizable human anatomical parts.Estimated monthly amount lbs **Laboratory wastes** - specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, biologicals, and culture media.Estimated monthly amount 122 lbs **Surgical specimens** - human or animal parts or tissues removed surgically or by autopsy and are suspected to be contaminated by agents which are contagious to humans.Estimated monthly amount lbs **Liquid or semi-liquid biohazardous laboratory waste** - treated on site by chemical disinfection* and discharged to sewer.Estimated monthly amount lbs **Isolation waste** - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases.Estimated monthly amount lbs **Waste contaminated with fixatives or chemotherapeutic agents.**Estimated monthly amount lbs **Contaminated animals** - animal carcasses, body parts, tissues or fluids suspected to be contaminated by agents which are contagious to humans.Estimated monthly amount lbs **California-regulated pharmaceutical waste**Estimated monthly amount lbs **Other (specify):**Estimated monthly amount lbsEstimate of **TOTAL** monthly medical waste generated: 142 lbs**ONSITE MEDICAL WASTE TREATMENT ONLY:** Method of medical waste treatment *if performed onsite:* **Steam Autoclaving** **Other state approved alternative technology** (specify below):
_____**Onsite medical waste treatment records must be maintained for three years. HSC §117975**

*Per HSC §118215(c), for liquid or semi-liquid biohazardous laboratory waste (§117635(a)), the treatment method must be recognized by the NIH, the CDC, or the American Biological Safety Association. If the chemical disinfection of the medical waste causes the waste to become a hazardous waste, the waste shall be managed in accordance with the requirements of HSC Chapter 6.5 (commencing with §25100) of Division 20.

Medical Waste Management Plan

Registered Medical Waste Hauler used to remove untreated medical waste (if applicable):

Name: Advance Chemical Transport (ACT)

Address: 2010 Mission Road

City: Escondido State CA ZIP Code 92029

Phone #: 760-489-5600

Contact Person: Annette Peck, Account Manager

Offsite treatment facility to which medical waste is transported (if applicable):

Facility Name: Waste Management Solutions

Address: 4280 Bandini Blvd.

City: Los Angeles State CA ZIP Code 90058

Phone #: 323-307-0514

Contact Person: _____ Phone #: _____

I hereby certify to the best of my knowledge and believe the statements made herein are correct and accurate.

Name: Nuria Ibarra

Type or Print

Title: Supervisor, Environmental Health & Safety

Signature:  Date: 3 24 2015

Emergency Action Plan:

Note: This requirement only applies to Large Quantity Generators of Medical Waste (≥200 lbs/month)

This plan is to be followed to ensure the proper disposal of medical waste in the event of a natural disaster, spill, treatment system break down, power failure, etc. (use additional sheets if necessary):

**SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
Annual Carcinogen and Reproductive Toxin Reporting List**

Business Name: Pacira Pharmaceuticals, Inc.

Business Address: 11011 N Torrey Pines Rd., La Jolla, CA 92037

Business Owner or Operator: Pacira Pharmaceuticals, Inc.

Please complete the following by entering the chemical name in the chemical name column and then place a check ✓ in the quantity column that most closely estimates the amount on hand. If measured by volume, check the appropriate gallon column(s). If measured by weight, check the appropriate pound column(s). If the chemical is a trade secret, you should check the trade secret box. For example, if you have one pint of benzene you would write benzene in the chemical name column and place a check ✓ in the <1-gallon column.

(PLEASE NOTE: the symbol < means less than).

Chemical Name	<1 gal.	<1 lb.	<10 gal.	<10 lbs.	<55 gal.	<500 lbs.	Trade Secret
Cytarabine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6880 FAX (858) 505-6848
<http://www.sdcdeh.org>



Medical Waste Management Plan

Facility Information	
Business Name Pacira Pharmaceuticals, Inc.	Unified Program Facility Permit # 208961
Type of Business Commercial Drug Manufacturer	Date 3/16/16
Street Address 11011 North Torrey Pines Road	City/ZIP La Jolla, CA 92037
Person Responsible for implementing the Medical Waste Management Plan (MWMP)	
Name Nuria Ibarra	
Title Environmental Health & Safety Supervisor	Phone 858-625*-2424 ext.: 2203
Types of medical wastes (MW) generated	
<input checked="" type="checkbox"/> MW Sharps - e.g., needles, blades, scalpels, or broken glass or syringes contaminated with biohazardous waste. (human or animal) Estimated monthly amount <u>30</u> lbs	<input type="checkbox"/> Blood or blood products - liquid blood or blood products, or other regulated body fluids, or articles contaminated with liquid blood or body fluids. Estimated monthly amount _____ lbs
<input checked="" type="checkbox"/> Laboratory wastes - infectious specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, biologicals, and culture media. Estimated monthly amount <u>195</u> lbs	<input type="checkbox"/> Pathology waste - human or animal tissues suspected to be infectious to humans Estimated monthly amount _____ lbs
<input type="checkbox"/> Liquid or semi-liquid biohazardous laboratory waste - treated on site by chemical disinfection* and discharged to sewer. Estimated monthly amount _____ lbs	<input type="checkbox"/> Isolation waste - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases. Estimated monthly amount _____ lbs
<input type="checkbox"/> Trace chemotherapeutic waste Estimated monthly amount _____ lbs	<input type="checkbox"/> Contaminated animals w/Highly communicable animal carcasses, body parts, tissues or fluids suspected to be contaminated by agents which are contagious. Estimated monthly amount _____ lbs
<input type="checkbox"/> California-regulated pharmaceutical waste (non-RCRA, non-radioactive) Estimated monthly amount _____ lbs	<input type="checkbox"/> Other (specify): _____ Estimated monthly amount _____ lbs
Estimate of <u>TOTAL</u> monthly medical waste for generator classification: <u>225</u> lbs	
Estimate of other monthly medical wastes (does not count towards generator class):	
<input type="checkbox"/> Home Generated MW Sharps Estimated Monthly Amount _____ lbs.	<input type="checkbox"/> Home Generated Pharmaceutical Waste Estimated monthly amount _____ lbs.
ONSITE MEDICAL WASTE TREATMENT ONLY: Method & capacity of medical waste treatment <i>if performed onsite:</i>	
<input type="checkbox"/> Steam Autoclaving <input type="checkbox"/> Other state approved alternative technology (specify below): _____	
Treatment records must be maintained for three years for small quantity generators, and maintained two years for large quantity generators. (HSC§117943; HSC§117975)	


*Per HSC §118215(c), for liquid or semi-liquid biohazardous laboratory waste (§117690(b)(1)(B)), the treatment method must be recognized by the NIH, the CDC, or the American Biological Safety Association. If the chemical disinfection of the medical waste causes the waste to become a hazardous waste, the waste shall be managed in accordance with the requirements of HSC Chapter 6.5 (commencing with §25100) of Division 20.

Medical Waste Management Plan

The following requirements apply to LQGs (HSC§117960), and SQGs that treat MW on-site, or use the Pharmaceutical Waste Hauling Exemption. (HSC§118032)

Emergency Action Plan

This plan is to be followed to ensure the proper disposal of medical waste, including controlled substances in compliance with DEA, approved incineration of pharmaceutical and trace chemotherapy in the event of a natural disaster, spill, treatment system break down, power failure, etc., and closure plan at termination (600 characters max. for WORD interactive form - use additional sheets if necessary). (LQG HSC§117960(h); SQG HSC§117935).

Registered hazardous waste hauler/common carrier used to remove untreated medical waste (if applicable)	
Primary Hauler Name Advance Chemical Transport (ACT)	Phone # 760-489-5600
Street Address 2010 Mission Road	City/ZIP Escondido 92029
Contact Person Annette Peck, Account Manager	Contact Phone # 760-489-5600
Offsite treatment facility to which medical waste is transported (if applicable)	
Facility Name Waste Management Solutions	Phone # 323-307-0514
Street Address 4280 Bandini Blvd	City/ZIP Los Angeles, 90058
Contact Person	Contact Phone #
<u>Pharmaceutical Waste Categorization</u> If applicable, the steps taken to categorize the pharmaceutical wastes generated at the facility to ensure that the wastes are properly disposed of as follows: (1) Pharmaceutical wastes classified by the federal Drug Enforcement Administration (DEA) as "controlled substances" are disposed of in compliance with DEA requirements. (2) <u>The name and business address of the registered hazardous waste hauler used by the generator to have wastes that are not regulated pursuant to the federal Resource Conservation and Recovery Act of 1976 and nonradioactive pharmaceutical wastes regulated as medical waste safely removed for treatment in compliance with subdivision (b) of Section 118222 as waste requiring specific methods.</u> (LQG:HSC§117960(i); SQG:HSC§117935(i))	
<u>Closure Plan</u> A closure plan for the termination of treatment at the facility using, at a minimum, one of the methods of decontamination specified in subdivision (a) or (b) of Section 118295, thereby rendering the property to an acceptable sanitary condition following the completion of treatment services at the site. (LQG: HSC§117960(j); SQG: HSC§117935(j))	
<i>I hereby certify to the best of my knowledge and believe the statements made herein are correct and accurate.</i>	
Name Nuria Ibarra	
Title Environmental Health & Safety, Supervisor	
Signature 	Date 3/17/16



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6880 FAX (858) 505-6848
<http://www.sdcdeh.org>



Medical Waste Management Plan

Facility Information	
Business Name Pacira Pharmaceuticals, Inc.	Unified Program Facility Permit # 208961
Type of Business Commercial Drug Manufacturer	Date 3/16/16
Street Address 11011 North Torrey Pines Road	City/ZIP La Jolla, CA 92037
Person Responsible for implementing the Medical Waste Management Plan (MWMP)	
Name Nuria Ibarra	
Title Environmental Health & Safety Supervisor	Phone 858-625*-2424 ext.: 2203
Types of medical wastes (MW) generated	
<input checked="" type="checkbox"/> MW Sharps - e.g., needles, blades, scalpels, or broken glass or syringes contaminated with biohazardous waste. (human or animal) Estimated monthly amount <u>30</u> lbs	<input type="checkbox"/> Blood or blood products - liquid blood or blood products, or other regulated body fluids, or articles contaminated with liquid blood or body fluids. Estimated monthly amount _____ lbs
<input checked="" type="checkbox"/> Laboratory wastes - infectious specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, biologicals, and culture media. Estimated monthly amount <u>195</u> lbs	<input type="checkbox"/> Pathology waste - human or animal tissues suspected to be infectious to humans Estimated monthly amount _____ lbs
<input type="checkbox"/> Liquid or semi-liquid biohazardous laboratory waste - treated on site by chemical disinfection* and discharged to sewer. Estimated monthly amount _____ lbs	<input type="checkbox"/> Isolation waste - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases. Estimated monthly amount _____ lbs
<input type="checkbox"/> Trace chemotherapeutic waste Estimated monthly amount _____ lbs	<input type="checkbox"/> Contaminated animals w/Highly communicable animal carcasses, body parts, tissues or fluids suspected to be contaminated by agents which are contagious. Estimated monthly amount _____ lbs
<input type="checkbox"/> California-regulated pharmaceutical waste (non-RCRA, non-radioactive) Estimated monthly amount _____ lbs	<input type="checkbox"/> Other (specify): _____ Estimated monthly amount _____ lbs
Estimate of <u>TOTAL</u> monthly medical waste for generator classification: <u>225</u> lbs	
Estimate of other monthly medical wastes (does not count towards generator class):	
<input type="checkbox"/> Home Generated MW Sharps Estimated Monthly Amount _____ lbs.	<input type="checkbox"/> Home Generated Pharmaceutical Waste Estimated monthly amount _____ lbs.
ONSITE MEDICAL WASTE TREATMENT ONLY: Method & capacity of medical waste treatment <i>if performed onsite:</i>	
<input type="checkbox"/> Steam Autoclaving <input type="checkbox"/> Other state approved alternative technology (specify below): _____	
Treatment records must be maintained for three years for small quantity generators, and maintained two years for large quantity generators. (HSC§117943; HSC§117975)	


*Per HSC §118215(c), for liquid or semi-liquid biohazardous laboratory waste (§117690(b)(1)(B)), the treatment method must be recognized by the NIH, the CDC, or the American Biological Safety Association. If the chemical disinfection of the medical waste causes the waste to become a hazardous waste, the waste shall be managed in accordance with the requirements of HSC Chapter 6.5 (commencing with §25100) of Division 20.

Medical Waste Management Plan

The following requirements apply to LQGs (HSC§117960), and SQGs that treat MW on-site, or use the Pharmaceutical Waste Hauling Exemption. (HSC§118032)

Emergency Action Plan

This plan is to be followed to ensure the proper disposal of medical waste, including controlled substances in compliance with DEA, approved incineration of pharmaceutical and trace chemotherapy in the event of a natural disaster, spill, treatment system break down, power failure, etc., and closure plan at termination (600 characters max. for WORD interactive form - use additional sheets if necessary). (LQG HSC§117960(h); SQG HSC§117935).

Registered hazardous waste hauler/common carrier used to remove untreated medical waste (if applicable)	
Primary Hauler Name Advance Chemical Transport (ACT)	Phone # 760-489-5600
Street Address 2010 Mission Road	City/ZIP Escondido 92029
Contact Person Annette Peck, Account Manager	Contact Phone # 760-489-5600
Offsite treatment facility to which medical waste is transported (if applicable)	
Facility Name Waste Management Solutions	Phone # 323-307-0514
Street Address 4280 Bandini Blvd	City/ZIP Los Angeles, 90058
Contact Person	Contact Phone #
<u>Pharmaceutical Waste Categorization</u> If applicable, the steps taken to categorize the pharmaceutical wastes generated at the facility to ensure that the wastes are properly disposed of as follows: (1) Pharmaceutical wastes classified by the federal Drug Enforcement Administration (DEA) as "controlled substances" are disposed of in compliance with DEA requirements. (2) <u>The name and business address of the registered hazardous waste hauler used by the generator to have wastes that are not regulated pursuant to the federal Resource Conservation and Recovery Act of 1976 and nonradioactive pharmaceutical wastes regulated as medical waste safely removed for treatment in compliance with subdivision (b) of Section 118222 as waste requiring specific methods.</u> (LQG:HSC§117960(i); SQG:HSC§117935(i))	
<u>Closure Plan</u> A closure plan for the termination of treatment at the facility using, at a minimum, one of the methods of decontamination specified in subdivision (a) or (b) of Section 118295, thereby rendering the property to an acceptable sanitary condition following the completion of treatment services at the site. (LQG: HSC§117960(j); SQG: HSC§117935(j))	
<i>I hereby certify to the best of my knowledge and believe the statements made herein are correct and accurate.</i>	
Name Nuria Ibarra	
Title Environmental Health & Safety, Supervisor	
Signature 	Date 3/17/16



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129281, SAN DIEGO, CA 92112-9281
(858) 505-6880 FAX (858) 505-6848
<http://www.sdcdeh.org>



Medical Waste Management Plan

Facility Information	
Business Name Pacira Pharmaceuticals, Inc.	Unified Program Facility Permit # 208961
Type of Business Pharmaceutical Manufacturer	Date 3/17/17
Street Address 11011 North Torrey Pines Road	City/ZIP La Jolla 92037
Person Responsible for implementing the Medical Waste Management Plan (MWMP)	
Name Nuria Ibarra	Phone 858-625-2424 X 2203
Title Manager, EHS	
Types of medical wastes (MW) generated	
<input type="checkbox"/> MW Sharps - e.g., needles, blades, scalpels, or broken glass or syringes contaminated with biohazardous waste. (human or animal) Estimated monthly amount _____ lbs	<input type="checkbox"/> Blood or blood products - liquid blood or blood products, or other regulated body fluids, or articles contaminated with liquid blood or body fluids. Estimated monthly amount _____ lbs
<input checked="" type="checkbox"/> Laboratory wastes - infectious specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, biologicals, and culture media. Estimated monthly amount _____ lbs	<input type="checkbox"/> Pathology waste - human or animal tissues suspected to be infectious to humans Estimated monthly amount _____ lbs
<input type="checkbox"/> Liquid or semi-liquid biohazardous laboratory waste - treated on site by chemical disinfection* and discharged to sewer. Estimated monthly amount _____ lbs	<input type="checkbox"/> Isolation waste - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases. Estimated monthly amount _____ lbs
<input type="checkbox"/> Trace chemotherapeutic waste Estimated monthly amount _____ lbs	<input type="checkbox"/> Contaminated animals w/Highly communicable animal carcasses, body parts, tissues or fluids suspected to be contaminated by agents which are contagious Estimated monthly amount _____ lbs
<input type="checkbox"/> California-regulated pharmaceutical waste (non-RCRA, non-radioactive) Estimated monthly amount _____ lbs	<input type="checkbox"/> Other (specify): _____ Estimated monthly amount _____ lbs
Estimate of TOTAL monthly medical waste for generator classification: <u>170</u> lbs	
Estimate of other monthly medical wastes (does not count towards generator class):	
<input type="checkbox"/> Home Generated MW Sharps Estimated Monthly Amount _____ lbs.	<input type="checkbox"/> Home Generated Pharmaceutical Waste Estimated monthly amount _____ lbs.
ONSITE MEDICAL WASTE TREATMENT ONLY: Method & capacity of medical waste treatment <i>if performed onsite:</i>	
<input type="checkbox"/> Steam Autoclaving	<input type="checkbox"/> Other state approved alternative technology (specify below): _____
Treatment records must be maintained for three years for small quantity generators, and maintained two years for large quantity generators. (HSC§117943; HSC§117975)	


*Per HSC §118215(c), for liquid or semi-liquid biohazardous laboratory waste (§117690(b)(1)(B)), the treatment method must be recognized by the NIH, the CDC, or the American Biological Safety Association. If the chemical disinfection of the medical waste causes the waste to become a hazardous waste, the waste shall be managed in accordance with the requirements of HSC Chapter 6.5 (commencing with §25100) of Division 20.

Medical Waste Management Plan

The following requirements apply to LQGs (HSC§117960), and SQGs that treat MW on-site, or use the Pharmaceutical Waste Hauling Exemption. (HSC§118032)

Emergency Action Plan

This plan is to be followed to ensure the proper disposal of medical waste, including controlled substances in compliance with DEA, approved incineration of pharmaceutical and trace chemotherapy in the event of a natural disaster, spill, treatment system break down, power failure, etc., and closure plan at termination (600 characters max. for WORD interactive form - use additional sheets if necessary). (LQG HSC§117960(h); SQG HSC§117935).

Registered hazardous waste hauler/common carrier used to remove untreated medical waste (if applicable)	
Primary Hauler Name Advance Chemical Transport (ACT)	Phone # 760-489-5600
Street Address 2010 Mission Road	City/ZIP Escondido, 92029
Contact Person Annette Peck, Account Manager	Contact Phone # 760-489-5600
Offsite treatment facility to which medical waste is transported (if applicable)	
Facility Name ACT Medical	Phone # 760-489-5600
Street Address 2010 Mission Road	City/ZIP Escondido, 92029
Contact Person Annette Peck, Account Manager	Contact Phone # 760-489-5600
<u>Pharmaceutical Waste Categorization</u>	
If applicable, the steps taken to categorize the pharmaceutical wastes generated at the facility to ensure that the wastes are properly disposed of as follows:	
(1) Pharmaceutical wastes classified by the federal Drug Enforcement Administration (DEA) as "controlled substances" are disposed of in compliance with DEA requirements.	
(2) <u>The name and business address of the registered hazardous waste hauler used by the generator to have wastes that are not regulated pursuant to the federal Resource Conservation and Recovery Act of 1976 and nonradioactive pharmaceutical wastes regulated as medical waste safely removed for treatment in compliance with subdivision (b) of Section 118222 as waste requiring specific methods.</u> (LQG:HSC§117960(i); SQG:HSC§117935(i))	
<u>Closure Plan</u>	
A closure plan for the termination of treatment at the facility using, at a minimum, one of the methods of decontamination specified in subdivision (a) or (b) of Section 118295, thereby rendering the property to an acceptable sanitary condition following the completion of treatment services at the site. (LQG: HSC§117960(j); SQG: HSC§117935(j))	
I hereby certify to the best of my knowledge and believe the statements made herein are correct and accurate.	
Name Nuria Ibarra	
Title Manager, EH+S	
Signature 	Date 3/17/17

**SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
Annual Carcinogen and Reproductive Toxin Reporting List**

Business Name: Pacira Pharmaceuticals, Inc.

Business Address: 11011 N Torrey Pines Rd., La Jolla, CA 92037

Business Owner or Operator: Pacira Pharmaceuticals, Inc.

Please complete the following by entering the chemical name in the chemical name column and then place a check ✓ in the quantity column that most closely estimates the amount on hand. If measured by volume, check the appropriate gallon column(s). If measured by weight, check the appropriate pound column(s). If the chemical is a trade secret, you should check the trade secret box. For example, if you have one pint of benzene you would write benzene in the chemical name column and place a check ✓ in the <1-gallon column.

(PLEASE NOTE: the symbol < means less than).

Chemical Name	<1 gal.	<1 lb.	<10 gal.	<10 lbs.	<55 gal.	<500 lbs.	Trade Secret
Cytarabine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 03/17/2017

RECORD ID #: DEH2008-HUPFP-208961

TIME START: 10:00 AM END: 12:50 PM

SPECIALIST: Anastasiya Irkhin

INSPECTION CONTACT: Nuria Ibarra

TITLE: Manager EH&S

PHONE: (858) 625-2424

E-MAIL: nuria.ibarra@pacira.com

FACILITY NAME: PACIRA PHARMACEUTICALS, INC
 ADDRESS: 11011 N TORREY PINES RD 130
 CITY/ZIP: LA JOLLA /92037

FACILITY REFERENCE DATA

ACCELA

RECORD STATUS: Permit Renewed
 PERMIT EXPIRATION DATE: 05/31/2017
 BALANCE DUE: \$1,375.25
 INSPECTOR: Anastasiya Irkhin
 INSPECTION TYPE: Routine
 INSPECTION STATUS: Complete

CERS

EPA ID NUMBER: CAR000146795
 FACILITY CERS ID NUMBER: 10371421
 CERS LEAD USER: Nuria Ibarra
 LAST CERS SUBMITTAL DATE: 03/25/2016
 ENVIRONMENTAL CONTACT EMAIL: john.sisco@pacira.com
 ENVIRONMENTAL CONTACT PHONE: 858-625-2424

FACILITY INFORMATION

INACTIVATION INSPECTION:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	HAZARDOUS MATERIALS:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
CHANGE OF OWNER:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	HAZARDOUS WASTE:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
CHANGE IN BUSINESS TYPE:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	ABOVEGROUND PETROLEUM STORAGE ACT:*	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
BUSINESS TYPE: Biomedical/Biotech-Not Large Manufacturer			TOTAL SHELL CAPACITY APSA:	0	
ISSUE INITIAL INVOICE:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	UNDERGROUND STORAGE TANK:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
ASSESS NON-NOTIFICATION FEE:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	CALARP PROGRAM (CERS):	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
ASSESS RE-INSPECTION FEE:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	CALARP PROGRAM LEVEL:	1 <input type="checkbox"/>	2 <input type="checkbox"/>
FACILITY SUBJECT TO BASE FEE:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	MEDICAL WASTE:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
FACILITY SUBJECT TO CUPA FEE:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	MW FACILITY GENERATING OVER 200 LBS PER MONTH:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
UPDATE FACILITY ADDRESS IN AA:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	EPIC PARTICIPANT:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
BUSINESS CLOSE DATE:			NUMBER OF TLV GASES AT THE FACILITY:	0	

HW GENERATOR STATUS : LOG SQG CESQG RCRA LOG N/A

TIERED PERMIT LEVEL(S) : CESQT CESW CE-L CE-CL HHW PBR CA N/A

PRIMARY BILLING CODE: General Medical Waste
 SECONDARY BILLING CODE: EPIC+
 TERTIARY BILLING CODE: EPIC+

INSPECTION SCOPE:*

HAZARDOUS MATERIALS: GEN HAZMAT APSA UST

MEDICAL WASTE: SQG SQG - TREATS LOG LOG - ABBREVIATED LOG - TREATS

HAZARDOUS WASTE: SQG LOG

CALARP: 1 2 3

TIERED PERMITTING: CESQT CESW CE-L CE-CL CA PBR HHW

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT NAME: Nuria Ibarra TITLE: Manager EH&S

REMOVE BLANK CHECKLISTS FROM FINAL INSPECTION REPORT REFUSED TO SIGN



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

FACILITY NAME: PACIRA PHARMACEUTICALS, INC
 ADDRESS: 11011 N TORREY PINES RD 130
 CITY/ZIP: LA JOLLA /92037

INSPECTION DATE: 03/17/2017
 RECORD ID #: DEH2008-HUPFP-208961
 TIME START: 10:00 AM END: 12:50 PM
 SPECIALIST: Anastasiya Irkhin
 INSPECTION CONTACT: Nuria Ibarra
 TITLE: Manager EH&S
 PHONE: (858) 625-2424
 E-MAIL: nuria.ibarra@pacira.com

INSPECTION REPORT EMAILS:

Anastasiya.Irkhin@sdcounty.ca.gov

RECORD COMMENT:



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: PACIRA PHARMACEUTICALS, INC
 ADDRESS: 11011 N TORREY PINES RD 130
 CITY/ZIP: LA JOLLA /92037

INSPECTION DATE: 03/17/2017 PAGE 1 OF 6
 RECORD ID #: DEH2008-HUPFP-208961
 TIME START: 10:00 AM END: 12:50 PM
 SPECIALIST: Anastasiya Irkhin
 INSPECTION CONTACT: Nuria Ibarra
 TITLE: Manager EH&S
 PHONE: (858) 625-2424
 E-MAIL: nuria.ibarra@pacira.com

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit Current	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contingency Plan Available <input checked="" type="checkbox"/> LQG <input type="checkbox"/> SQG
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hazardous Materials Business Plan Available	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training Records Available
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training is Adequate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Universal Waste Managed Properly
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Disposal Records Available for Review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers <input checked="" type="checkbox"/> Closed <input checked="" type="checkbox"/> Labeled
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Emergency Contacts Current <input type="checkbox"/> Updated today	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers in Good Condition
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Inventory/Map Current <input type="checkbox"/> Updated today			Permit Expires On <u>05/31/2017</u>

CONSENT TO CONDUCT INSPECTION GRANTED BY: Nuria Ibarra

TITLE: Manager EH&S

INTRODUCTION:

Today a routine Certified Unified Program Agency (CUPA) inspection was completed at Pacira Pharmaceuticals to verify compliance with hazardous materials, hazardous waste, and medical waste regulations. At the time of inspection this facility is a large quantity hazardous waste generator, stores on-site reportable amounts of hazardous materials, and is a small quantity medical waste generator. At the time of inspection this facility is subject to hazardous materials business plan requirements.

This facility is a commercial pharmaceutical manufacturing company.

Observed on-site during facility walk-through were the following hazardous waste and hazardous materials in reportable amounts:

- Carbon/Chloroform acetonitrile waste
- Cytarabine Waste
- Sharps Waste
- Lab Waste Chemicals (waste code 551)
- Waste Alkaline Solution
- Microbiology waste (solid)
- Salt
- Phosphoric Acid
- Compressed Nitrogen Gas
- Compressed Hydrogen
- Boiler treatment
- Chloroform
- Liquified Nitrogen
- Sodium Hydroxide

Manifests were on-site and reviewed. Pick-ups for hazardous waste are monthly. Weekly inspection log on-site and reviewed. Per medical waste disposal records this facility generates approx. 170 pounds of medical waste a month.

Employee training documentation on-site and reviewed.



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

California Environmental Reporting System (CERS) Hazardous Materials Business Plan (HMBP) submittal has been made by facility representative within the past year. Information submitted in CERS was verified during inspection. Verbal guidance was provided to facility representative during inspection on inventory updates.

At the time of inspection this facility is part of the EPIC+ program. Online training has been completed for 2017 by facility employee.

INSPECTION REMARKS:

Helpful Websites:

- For guidance documents on hazardous materials-related topics,
go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS),
go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations,
go to: <http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails:
<https://public.govdelivery.com/accounts/CASAND/subscriber/new>

If you have any questions regarding this inspection, please contact Anastasiya Irkhin, 858-518-7388, Anastasiya.Irkhin@sdcounty.ca.gov

INSPECTION PHOTOS

None

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE Nuria R. Ibarra	SIGNATURE		DATE SIGNED 03/17/2017
TITLE OF FACILITY REPRESENTATIVE Manager EH&S			

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (858) 505-6880 <http://www.sdcdeh.org>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT Handlers of Hazardous Materials and Small and Large Quantity Generators of Hazardous Waste

INSPECTION DATE: 03/17/2017 PAGE 3 OF 6
RECORD ID #: DEH2008-HUPFP-208961

FACILITY NAME: * **PACIRA PHARMACEUTICALS, INC**

ADDRESS: * **11011 N TORREY PINES RD 130**

CITY/ZIP: * **LA JOLLA**

92037

Each violation checked below is for the section(s) of the California Health and Safety Code (HSC), California Code of Regulations (CCR), or the San Diego County Code (SDCC) indicated in italics. Incorporated provisions of Title 40 of the Code of Federal regulations (CFR) are noted for reference. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. HMBP = Hazardous Materials Business Plan; CUPA = Certified Unified Program Agency; CERS = California Environmental Reporting System; SQG = Small Quantity Hazardous Waste Generator; LQG = Large Quantity Hazardous Waste Generator

Hazardous Materials Requirements

- | # | VIOLATION DESCRIPTION |
|--------------------------|--|
| <input type="checkbox"/> | 1010001 HMBP not established/ implemented. HSC 25505(a) and 25507(a) |
| <input type="checkbox"/> | 1010002 HMBP not submitted to the CUPA in CERS. HSC 25508(a)(1)(A); HSC 25404(e)(4); 27 CCR 15188(a), (d) |
| <input type="checkbox"/> | 1010003 Business Activities and/or Business Owner/Operator Identification not completed in CERS. 19 CCR 2729.2(a)(1); HSC 25404(e)(4) |
| <input type="checkbox"/> | 1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25506; 25507; and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1010005 Site map not submitted in CERS or not sufficient. HSC 25505(a)(2) and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1010006 HMBP not updated to reflect inventory changes or facility information. HSC 25508.1(a-e) |
| <input type="checkbox"/> | 1010007 HMBP not updated to reflect substantial change to the handler's operations. HSC 25508.1(f) |
| <input type="checkbox"/> | 1010008 HMBP not certified annually as complete and accurate in CERS. HSC 25508.2 |
| <input type="checkbox"/> | 1010010 Emergency response procedures to mitigate a release or threatened release not adequate, not established or not submitted in CERS. HSC 25505(a)(3) and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1010011 Failure to notify property owner in writing that the business is subject to the HMBP program. HSC 25505.1 |
| <input type="checkbox"/> | 1010012 Failure to provide a copy of HMBP to the property owner within five working days upon request from property owner. HSC 25505.1 |
| <input type="checkbox"/> | 1010014 Failure to submit emergency response plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1010015 Failure to submit employee training plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1010016 HMBP not established or submitted in CERS, when not meeting the remote site exemption. HSC 25507.2 and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1020001 Employee training plan for hazardous materials management not adequate, not established or not submitted in CERS. HSC 25505(a)(4) and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1020002 Initial and/or annual employee training not conducted for hazardous materials management and/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4) |
| <input type="checkbox"/> | 1040001 Hazardous materials release or threatened release not reported to the CUPA and OES immediately upon discovery. HSC 25510(a) |
| <input type="checkbox"/> | 4010001 Failed to prepare and implement a written Spill Prevention Control and Countermeasures (SPCC) Plan in accordance with 40 CFR 112 (sec. 112.3). HSC 25270.4.5(a) |
| <input type="checkbox"/> | HMD 1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905 |
| <input type="checkbox"/> | HMD 1005 Emergency contact not provided or current. HSC 25508.1(f) |
| <input type="checkbox"/> | HMD 1007 Highly toxic gas (TLV<10 ppm) not disclosed. SDCC 68.1113(b) |
| <input type="checkbox"/> | HMD 1008 Annual carcinogen/reproductive toxin list not submitted. SDCC 68.1113(c) |
| <input type="checkbox"/> | HMD 1013 HMBP not readily available for review. HSC 25505(c) |

Hazardous Waste Requirements for SQGs ONLY

- | | |
|--------------------------|--|
| <input type="checkbox"/> | HMD 0226 Did not accumulate waste in a container or tank. (40 CFR 262.34(d)(2).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | HMD 0412 Failed to have an emergency coordinator on call or available during an emergency. (40 CFR 262.34(d)(5)(i).) 22 CCR 66262.34(d)(2) |

HM-923 (03-15)

Hazardous Waste Requirements for SQGs ONLY (continued)

- | # | VIOLATION DESCRIPTION |
|--------------------------|--|
| <input type="checkbox"/> | 3030007 Failed to properly label/date hazardous waste container and/or tank. 22 CCR 66262.34(f) |
| <input type="checkbox"/> | 3030010 Accumulated waste too long (>180 or 270 days) (>90 days for an acutely hazardous waste). (40 CFR 262.34(e) and (f).) HSC 25201(a); 22 CCR 66262.34(d) |
| <input type="checkbox"/> | 3030013 Failed to accumulate hazardous waste in a container that is in good condition. (40 CFR 262.34(d)(2); 265.171.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030015 Failed to accumulate or store hazardous waste in a lined/compatible container. (40 CFR 262.34(d)(2); 265.172) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030017 Failed to properly close hazardous waste container(s). (40 CFR 262.34(d)(2); 265.173.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030019 Failed to inspect hazardous waste storage area at least weekly. (40 CFR 262.34(d)(2); 265.174.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030022 Failed to properly separate incompatible waste. (40 CFR 262.34(d)(2); 265.177.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030030 Failed to maintain and/or operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents. (40 CFR 262.34(d)(4); 265.31.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030036 Failed to maintain adequate aisle space. (40 CFR 262.34(d)(4); 265.35.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3010022 Failed to post, next to the telephone, emergency information containing the location of emergency equipment, contact names, and numbers. (40 CFR 262.34(d)(5)(ii).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3020001 Failed to ensure employees are trained for hazardous waste handling, compliance with regulations, and emergency response procedures. (40 CFR 262.34(d)(5)(iii).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030032 Failed to maintain or have emergency equipment, supplies, or equivalents. 1) An internal communication or alarm system; 2) A device, such as a telephone; 3) Portable fire extinguishers, fire control equipment, spill control equipment, and decontamination equipment; and 4) Water at adequate volume and pressure (40 CFR 262.34(d)(4); 265.32) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030039 Failed to implement contingency plan during an emergency, spill/ release. (40 CFR 262.34(d)(5)(iv).) 22 CCR 66262.34(d)(2) |

Hazardous Waste Tank Systems for SQGs ONLY

- | | |
|--------------------------|--|
| <input type="checkbox"/> | 3030024 Failed to maintain sufficient freeboard of 2 ft in uncovered tanks to prevent overtopping unless the tank is equipped with a containment structure, a drainage control system or a diversion structure with a capacity that equals or exceeds the volume of the top 2 ft of the tank. (40 CFR 62.34(d)(3); 265.201(b)(c).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030025 Failed to provide an overfill protection device on continuously fed hazardous waste tank. (40 CFR 262.34(d)(3); 265.201(b)(4).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030027 Failed to conduct daily tank inspection of the discharge system, monitoring equipment, and tank level. (40 CFR 265.201(c)(1), 265.201(c)(2), 265.201(c)(3), 262.34(d)(3).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030028 Failed to conduct weekly inspections of the construction materials, fixtures, and surrounding areas of the hazardous waste tank. (40 CFR 265.201(c)(4); 265.201(c)(5); 262.34(d)(3).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3050007 Failed to properly decontaminate and document closure of a hazardous waste tank system. (40 CFR 265.201(f).) 22 CCR 67383.3 |
| <input type="checkbox"/> | HMD 1612 Hazardous waste improperly stored in a tank system causing leaks, corrosion, or failure. (40 CFR 265.201(b).) 22 CCR 66262.34(d) |
| <input type="checkbox"/> | HMD 1614 Failed to pre-notify the CUPA in writing prior to closing a hazardous waste tank system. 22 CCR 67383.3(a)(1) |
| <input type="checkbox"/> | HMD 1615 Failed to properly accumulate ignitable or reactive waste in a tank system. (40 CFR 265.201(g).) 22 CCR 66262.34(d)(2) |



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Hazardous Materials and Hazardous Waste (continued)

Hazardous Waste Requirements for SOGs and LOGs RECORD KEEPING/OPERATIONAL REQUIREMENTS

- | | |
|---|-----------------------|
| # | VIOLATION DESCRIPTION |
|---|-----------------------|
- 3010001 Unified Program Facility (UPF) permit not obtained for the generation of hazardous waste. HSC 25404.1; SDCC 68.905
 - 3010029 The facility has not submitted complete and accurate facility information in CERS. HSC 25404(e)(4); 27 CCR 15188(b)
 - 3010002 Failed to obtain and/or maintain an active EPA ID. 22 CCR 66262.12
 - 3010008 Failed to properly complete a uniform hazardous waste manifest. 22 CCR 66262.23(a)
 - 3010009 Failed to complete the hazardous waste manifest Exception Requirement. 22 CCR 66262.42
 - 3010010 Failed to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a)
 - 3010011 Failed to send hazardous waste manifest copies to the Department of Toxic Substances Control (DTSC). 22 CCR 66262.23(a)(4)
 - 3010013 Failed to meet the consolidated manifesting requirements for waste shipment. HSC 25160.2; 22 CCR 66262.40(a)
 - 3010014 Failed to retain disposal records of spent lead batteries for 3 years. 22 CCR 66266.81(a)(4)(B)
 - 3030006 Failed to determine if a hazardous waste is restricted or prohibited from land disposal. 22 CCR 66268.7(a)
 - 3010016 Failure of recycler who recycles more than 100 kilograms per month of recyclable material under a claim that the material qualifies for exclusion or exemption to provide and submit in CERS the required information. HSC 25143.10(a), (c), and/or (d)
 - HMD 0149 Failed to keep disposal receipts for drained used oil filters and/or drained fuel filters for 3 years. HSC 25250.22; 22 CCR 66266.130
 - HMD 0148 Failed to have copies of analytical records, waste analysis records, and/or waste determination results for 3 years. 22 CCR 66262.40(c)
 - HMD 0140 Failed to have Land Disposal Restriction documentation onsite for 3 years. 22 CCR 66268.7(a)(8)
 - 3250005 Failed to obtain a Treatment, Storage and Disposal Facility (TSDF) permit or authorization to store/treat/dispose of hazardous waste. HSC 25201(a)
 - 3050005 Failed to have adequate records demonstrating claim of exemption for Excluded Recyclable Materials. HSC 25143.2(f); 22 CCR 66261.2(g)
 - 3210001 Failed to notify the CUPA in CERS for onsite hazardous waste treatment/tiered permitting. HSC 25201(a)
 - HMD 0138 Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a)

Hazardous Waste Requirements for SOGs and LOGs DISPOSAL AND TRANSPORTATION

- 3010007 Failed to prepare a hazardous waste manifest for the transport of a waste for off-site transfer, treatment, storage, or disposal. HSC 25160(b)(1) or (2), 25160.2(b)(9); 22 CCR 66262.20(a)
- 3030005 Failed to make a proper waste determination. 22 CCR 66262.11, 66262.40(c)
- 3050001 Failed to use a California registered hazardous waste transporter to transport hazardous waste. HSC 25163(a); 22 CCR 66263.41
- 3050002 Failed to properly dispose of hazardous waste at an authorized facility. HSC 25189.5(a); 25189(c),(d); 25189.2(c)
- 3130002 Impermissible dilution of hazardous waste. 22 CCR 66268.3(a)
- HMD 0305 Disposed of used oil illegally. HSC 25250.5(a); 25189.5(a); 25189(c),(d); 25189.2(c)
- HMD 0306 Disposed of hazardous waste latex paint improperly. HSC 25217.1

Hazardous Waste Requirements for SOGs and LOGs STORAGE AND HANDLING

- | | |
|---|-----------------------|
| # | VIOLATION DESCRIPTION |
|---|-----------------------|
- 3030001 Failed to meet requirements, when handling, and storing spent lead acid batteries. 22 CCR 66266.81(a)(1)
 - 3030003 Failed to properly manage 'damaged' spent lead acid batteries. 22 CCR 66266.81(b)
 - 3030004 Failed to properly manage, store, label, and/or recycle used oil filters and/or used fuel filters. HSC 25250.22; 22 CCR 66266.130
 - 3050004 Failed to properly manage contaminated used oil as a hazardous waste. HSC 25250.7(a), (c)
 - HMD 0222 Failed to properly label Excluded Recyclable Materials (ERM). HSC 25143.9(a).
 - HMD 0216 Failed to label hazardous material container within 10 days after the container was discovered to be mislabeled or inadequately labeled. HSC 25124(b)(3)(A); 22 CCR 66262.34(f)
 - HMD 0217 Failed to repack damaged/deteriorated hazardous material container within 96 hours. HSC 25124(b)(3)(B); 22 CCR 66262.34(f)
 - HMD 0219 Failed to properly segregate used oil &/or fuel drained from filters. HSC 25250.22(b)(4); 22 CCR 66266.130(c)(6)
 - HMD 0221 Failed to comply with hazardous waste satellite container regulation. 22 CCR 66262.34(e)
 - HMD 0223 Failed to properly empty container, failed to manage non-empty container, or inner liner removed from a container. 22 CCR 66261.7(b), (d) and/or (r); 66262.34(f)
 - HMD 0224 Failed to mark date on empty container larger than 5 gallons and/or manage it within one year. 22 CCR 66261.7(e),(f)

Universal Waste Handler Requirements

- 3010004 Failed to obtain an EPA ID number from DTSC or US EPA prior to storing 5,000 kg or more of universal waste. 22 CCR 66273.32(a),(b)
- 3020002 Failed to maintain universal waste handler training records for 3 years. 22 CCR 66273.36(c),(d)
- 3020003 Failed to properly train handlers of universal waste in universal waste management and response procedures. 22 CCR 66273.36(a),(b)
- 3030008 Failed to properly label or mark a universal waste (non-Conditionally Exempt Small Quantity Universal Waste Generator). 22 CCR 66273.34
- 3030011 Failed to properly dispose of universal waste within one year. 22 CCR 66273.35(a) and/or (b)
- 3030046 Failed to keep records of offsite universal waste (UW) shipment(s) available for inspection for 3 years. HSC 25185(a); 22 CCR 66273.39(c), (d)(2)
- 3030051 Failed to meet the accumulation standards for universal waste aerosol containers and waste handling. HSC 25201.16(f)
- 3040004 Failed to manage universal waste in a manner to prevent release(s) to the environment. 22 CCR 66273.33; 66273.33.5
- 3050003 Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a), 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a)



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Medical Waste Generators

Each violation checked below is for the section(s) of the California health and Safety Code (HSC), California Code of Regulation (CCR), or the San Diego County Code (SDCC) indicated in italics. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. UPF = Unified Program Facility; MW = Medical Waste; USPS = United States Postal Service; DOT = Department of Transportation

STORAGE AND LABELING

- | # | HMD | VIOLATION DESCRIPTION |
|--------------------------|------|---|
| <input type="checkbox"/> | 4201 | UPF Permit not obtained. HSC 117705; SDCC 68.905, 68.1202 |
| <input type="checkbox"/> | 4202 | Medical waste (MW) not separated from other waste at the point of origin. HSC 118275 |
| <input type="checkbox"/> | 4203 | Enclosure or designated accumulation area for MW containers not secured. HSC 118307, 118310 |
| <input type="checkbox"/> | 4204 | MW designated accumulation area not posted with an approved, legible biohazardous waste "warning sign" in English & Spanish which can be read from 25 ft. HSC 118310 |
| <input type="checkbox"/> | 4205 | Medical SOLID WASTE not secured to deny access to unauthorized persons. SDCC 68.1211 |
| <input type="checkbox"/> | 4206 | Spill of MW not properly cleaned up. HSC 118300 |
| <input type="checkbox"/> | 4207 | Sharps not stored in approved and properly marked sharps container. HSC 118285(a) & (d) |
| <input type="checkbox"/> | 4208 | Full sharps container not taped closed or tightly-lidded to preclude loss of contents. HSC 118285(b) |
| <input type="checkbox"/> | 4209 | Primary containers accumulating MW not labeled with generator's name, address, and phone number. SDCC 68.1205 |
| <input type="checkbox"/> | 4210 | Medical waste not stored in approved and properly marked biohazard bags. HSC 118275(a) |
| <input type="checkbox"/> | 4211 | Biohazard bags not tied off to prevent leakage/expulsion of contents during handling and storage. HSC 118280(a) |
| <input type="checkbox"/> | 4212 | Biohazard bags not containerized in rigid, leak resistant, and covered containers or bins when placed for storage, handling, or transport. HSC 118280(b) |
| <input type="checkbox"/> | 4213 | Waste container/bin not labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD" on the lid and sides. HSC 118280(c) |
| <input type="checkbox"/> | 4214 | Reusable containers/bins for MW storage not kept clean and sanitary. HSC 118295, 118305 |
| <input type="checkbox"/> | 4215 | Frozen (0°C/32°F) biohazardous waste stored >90 days. HSC 118280(e)(2) |
| <input type="checkbox"/> | 4306 | Full sharps container stored >30 days at >0°C. HSC 118285(c) |
| <input type="checkbox"/> | 4307 | Biohazard bag waste stored >7 days at >0°C (for generators of >20lbs/month). HSC 118280(e)(1)(A) |
| <input type="checkbox"/> | 4308 | Biohazard bag waste stored >30 days at >0°C (for generators of <20lbs/month). HSC 118280(e)(1)(B) |
| <input type="checkbox"/> | 4219 | MW interim storage area not marked with warning sign or biohazard symbol legible from 5 ft. HSC 118307, 118310 |
| <input type="checkbox"/> | 4220 | MW interim storage area not properly secured. HSC 118307 |

TREATMENT AND DISPOSAL

- | | | |
|--------------------------|------|--|
| <input type="checkbox"/> | 4251 | MW treated by unapproved method/procedure. HSC 118215 |
| <input type="checkbox"/> | 4252 | Standardized written operating procedures for steam sterilization not available. HSC 118215(a)(2)(A) |
| <input type="checkbox"/> | 4253 | Recording thermometer not calibrated annually. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> | 4254 | No records of annual thermometer calibration checks onsite for at least the past 2 years. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> | 4255 | Heat-sensitive tape/other approved method not used for each load treated onsite. HSC 118215(a)(2)(C) |
| <input type="checkbox"/> | 4256 | Monthly biological indicator or other approved method not used to confirm proper disinfection. HSC 118215(a)(2)(D) |
| <input type="checkbox"/> | 4257 | Onsite steam sterilization did not reach 121°C/250°F for 30 minutes. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> | 4258 | Treatment records/logs of dates, time, and temperature not available for 2 years. HSC 118215(a)(2)(E) |
| <input type="checkbox"/> | 4259 | Disposal of untreated MW to an unauthorized point. HSC 118340 |

TRANSPORTATION REQUIREMENTS

- | # | HMD | VIOLATION DESCRIPTION |
|--------------------------|------|---|
| <input type="checkbox"/> | 4260 | Transportation of MW without State Hauler Registration, USPS or requirements of the DOT "Materials of Trade Exceptions." HSC 118025 |
| <input type="checkbox"/> | 4311 | Medical waste tracking documents/logs not in vehicle transporting medical waste. HSC 118040 |

SMALL QUANTITY GENERATORS ONLY

(<200 pounds of medical waste generated per month)

- | | | |
|--------------------------|------|---|
| <input type="checkbox"/> | 4301 | Medical Waste Management Plan (MWMP) not submitted to HMD (initial/updates), if onsite treatment. HSC 117935 |
| <input type="checkbox"/> | 4302 | Did not maintain and show proof of "onsite" medical waste treatment records for 3 years. HSC 117943 |
| <input type="checkbox"/> | 4303 | Did not retain on file disposal receipts, tracking/shipping documents for medical waste shipped offsite for 3 years. HSC 117945 |
| <input type="checkbox"/> | 4309 | MWMP or equivalent information not onsite (only for SQG doing onsite treatment or comply with pharmaceutical waste hauling exemption). HSC 117935, 118032 |

LARGE QUANTITY GENERATORS ONLY

(≥ 200 pounds of medical waste generated per month)

- | | | |
|--------------------------|------|--|
| <input type="checkbox"/> | 4351 | MWMP not submitted to HMD (initial/updates). HSC 117960, 117970 |
| <input type="checkbox"/> | 4352 | Records of medical waste treatment not available for 2 years. HSC 117975, 118215(a)(2)(E) |
| <input type="checkbox"/> | 4353 | Did not make available disposal receipts, tracking/shipping documents for at least 2 years for medical waste shipped offsite. HSC 117975 |

CHEMOTHERAPY, PATHOLOGY, PHARMACEUTICAL HAZARDOUS & UNIVERSAL WASTES

- | | | |
|--------------------------|---------|--|
| <input type="checkbox"/> | 4401 | Trace Chemo waste not segregated from other MW. HSC 118275(a)(4) |
| <input type="checkbox"/> | 4402 | Trace Chemo waste container not labeled "Chemotherapy Waste" or "CHEMO" on the lid and the sides. HSC 118275(a)(4) |
| <input type="checkbox"/> | 4403 | Illegal disposal of chemo waste. HSC 118340 |
| <input type="checkbox"/> | 4411 | Pathology waste not segregated from other MW. HSC 118275(a)(5) |
| <input type="checkbox"/> | 4412 | Pathology waste container not labeled "Pathology Waste" or "PATH" on the lid and the sides. HSC 118275(a)(5) |
| <input type="checkbox"/> | 4413 | Illegal disposal of pathology waste. HSC 118340 |
| <input type="checkbox"/> | 4421 | Pharm waste not segregated from other MW. HSC 118275(a)(6) |
| <input type="checkbox"/> | 4422 | Pharm waste not labeled "Incineration Only or HIGH HEAT" on the lid and the sides. HSC 118275(a)(6) |
| <input type="checkbox"/> | 4423 | Pharm waste stored >90 days when container full, or stored longer than one year (maximum allowable time). HSC 118280(f) |
| <input type="checkbox"/> | 4432 | Illegal disposal of pharm waste. HSC 118340, 118222(b) |
| <input type="checkbox"/> | 4441 | Disposal of photo/hazwaste to an unauthorized point. HSC 25189.5 |
| <input type="checkbox"/> | 3030046 | Failed to keep records of offsite universal waste shipment(s) available for inspection for 3 years. HSC 25185(a)(4); 22 CCR 66273.39(c),(d)(2) |
| <input type="checkbox"/> | 3050003 | Disposed of universal waste to an unauthorized point. HSC 25189.5(a); 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a) |

LOG MW ONSITE TREATMENT FACILITY

(≥ 200 pounds of medical waste generated per month)

- | | | |
|--------------------------|------|--|
| <input type="checkbox"/> | 4501 | Onsite MW treatment permit not obtained/renewed. HSC 117950, 118130, 65620, 65623 |
| <input type="checkbox"/> | 4502 | Current copy of the MW treatment permit not available. HSC 65621(f), 65623, 118165, 118180 |
| <input type="checkbox"/> | 4503 | Condition(s) of the MW treatment permit violated. HSC 65623 |



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Large Quantity Generators (LQG) of Hazardous Waste

Each violation checked below is for the section(s) of the California Health and Safety Code (HSC), California Code of Regulations (CCR), or the San Diego County Code (SDCC) indicated in italics. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. DTSC = Department of Toxic Substances Control; RCRA = Resource Conservation and Recovery Act; LQG = Large Quantity Hazardous Waste Generator; VOC = Volatile Organic Compound

Hazardous Waste Requirements for LQGs ONLY RECORDKEEPING/OPERATIONAL REQUIREMENTS	Hazardous Waste Tank System for LQGs ONLY
# VIOLATION DESCRIPTION	# VIOLATION DESCRIPTION
<input type="checkbox"/> 3010018 Failed to prepare a hazardous waste management performance report every 4 years. 22 CCR 67100.7, 67100.8	<input type="checkbox"/> 3110013 Failed to obtain and maintain a written assessment certified by an independent, qualified, registered professional engineer for the hazardous waste tank system. 22 CCR 66265.192(a), 66265.192(h), or 66265.191(a)
<input type="checkbox"/> 3010019 Failed to prepare a summary progress report (4 year req.) and/or keep onsite available for review. 22 CCR 67100.9, 67100.3	<input type="checkbox"/> 3110014 Hazardous waste tank system assessment documentation failed to include all required information. 22 CCR 66265.192(k)
<input type="checkbox"/> 3010021 Failed to adequately complete a source reduction report and maintain for review. HSC 25244.19, 25244.21; 22 CCR 67100.3, 67100.4, 67100.5	<input type="checkbox"/> 3110015 Failed to obtain CUPA approval prior to the replacement of equipment for a tank system. 22 CCR 66265.192(l), 66265.192(m)
<input type="checkbox"/> 3110007 (RCRA LQG) Failed to complete the Biennial Report by March 1st on even numbered year and maintain it onsite for 3 years. 22 CCR 66262.40(b), 66262.41(b)	<input type="checkbox"/> 3130011 Failed to maintain tank operating requirements: 1) Spill prevention control; 2) Overfill prevention control, and/or; 3) maintenance of sufficient freeboard in uncovered tanks. 22 CCR 66265.194(a),(b)
STORAGE AND HANDLING	
<input type="checkbox"/> 3130003 Failed to properly label/date hazardous waste container or tank. 22 CCR 66262.34(f), 66262.34(a)(2), 66262.34(a)(3)	<input type="checkbox"/> 3130012 Failed to conduct daily inspections and/or maintain the inspection records for hazardous waste tank system. 22 CCR 66265.195(a)(c)
<input type="checkbox"/> 3130004 Accumulated hazardous waste more than 90 days without a DTSC storage permit. HSC 25201(a); 22 CCR 66262.34(a) and (c)	<input type="checkbox"/> 3130019 Failed to provide proper secondary containment and/or leak detection for hazardous waste tank system. 22 CCR 66265.193(a)
<input type="checkbox"/> 3130005 Failed to transfer waste from a container that is in poor condition to another container that is in a good condition. 22 CCR 66265.171	<input type="checkbox"/> 3130020 Failed to inspect and document the cathodic protection system within six months after initial installation, and annually thereafter, and to inspect all sources of impressed current at least bimonthly. 22 CCR 66265.195(b)
<input type="checkbox"/> 3130006 Failed to accumulate hazardous waste in a lined or compatible container. 22 CCR 66265.17	<input type="checkbox"/> 3140001 Failed to properly respond to a tank system spill/leak, follow emergency procedures as required and/or keep secondary containment empty. 22 CCR 66265.56, 66265.196, 66265.194(c)
<input type="checkbox"/> 3130007 Failed to keep a hazardous waste container closed. 22 CCR 66265.173(a)	<input type="checkbox"/> 3150002 Failed to properly close a hazardous waste tank system ensuring the minimization of further maintenance and requirements are met. 22 CCR 66265.111, 66265.114, 66265.197, 67383.3
<input type="checkbox"/> 3130008 Failed to inspect hazardous waste storage area(s) at least weekly. 22 CCR 66265.174	<input type="checkbox"/> HMD 1604 Failed to maintain secondary containment empty. 22 CCR 66265.196(b) and (c); 66265.194(c)
<input type="checkbox"/> 3130009 Failed to keep reactive and/or ignitable waste at least 50 ft. from the property line. 22 CCR 66265.176	<input type="checkbox"/> HMD 1607 Failed to adequately design or maintain corrosion protection. 22 CCR 66265.191(b)(3) or 66265.192(a) and (f)
<input type="checkbox"/> 3130010 Failed to properly separate incompatible waste. 22 CCR 66265.17(b), 66265.177	<input type="checkbox"/> HMD 1608 Failed to complete annual integrity assessment for existing hazardous waste tank system without secondary containment. 22 CCR 66265.191(a)(e)
<input type="checkbox"/> 3130013 Failed to maintain or operate the facility to minimize the possibility of a fire, explosion, or release of hazardous waste or its constituents to the air, soil, or water. 22 CCR 66265.31	<input type="checkbox"/> HMD 1609 Failed to remove unfit hazardous waste tank system from service. 22 CCR 66265.196
<input type="checkbox"/> HMD 0235 Did not accumulate hazardous waste in a container or tank. 22 CCR 66262.34(a)(1)(A)	<input type="checkbox"/> HMD 1611 Failed to properly complete and/or document closure of a hazardous waste tank system. 22 CCR 67383.3, 66265.197(a), (b)
TRAINING, CONTINGENCY PLAN & ER PROCEDURES	
<input type="checkbox"/> 3110011 Failed to prepare a written Contingency Plan to minimize human hazards or threat to the environment. 22 CCR 66265.51(a)	<input type="checkbox"/> HMD 1619 Failed to have required safety measures for hazardous waste tank system holding ignitable or reactive waste. 22 CCR 66265.198(a)(b)
<input type="checkbox"/> 3110012 Failed to maintain onsite a copy of the Contingency Plan and all its revisions and submit a copy to the local emergency agencies that may be called upon to provide emergency services. 22 CCR 66265.53	<input type="checkbox"/> HMD 1620 Failed to immediately remove from service a hazardous waste tank system that leaked or failed. 22 CCR 66265.196(b),(c)
<input type="checkbox"/> 3120001 Failed to maintain training records. 22 CCR 66265.16(d) and (e)	<input type="checkbox"/> HMD 1621 Failed to notify DTSC when a release to environment occurred from a hazardous waste tank system. 22 CCR 66265.196(e)(1)or(3)
<input type="checkbox"/> 3130015 Failed to test and maintain all communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment. 22 CCR 66265.33	<input type="checkbox"/> HMD 1622 Failed to meet air emission standards for HW tank system with VOC waste. 22 CCR 66265.202 and 66265.1082 (a)(b) or (c)
<input type="checkbox"/> 3130016 Failed to maintain aisle space to allow the unobstructed movement of personnel, fire protection, spill-control equipment, etc. to any area of facility operation in an emergency. 22 CCR 66265.35	<input type="checkbox"/> HMD 1623 Failed to develop written plan and schedule to perform VOC emissions monitoring. 22 CCR 66265.1089(b)
<input type="checkbox"/> 3130017 Failed to take precautions to prevent accidental ignition or reaction of ignitable or reactive waste, including the posting of a "No Smoking" sign(s). 22 CCR 66265.17(a)	<input type="checkbox"/> HMD 1624 Failed to comply with the 3 year record keeping requirement for tank accumulating VOC waste. 22 CCR 66265.1090(a)
<input type="checkbox"/> 3130018 Failed to immediately implement the facility Contingency Plan during an emergency. 22 CCR 66265.51(b)	<input type="checkbox"/> HMD 1625 Failed to properly control air pollutant emissions for tank accumulating VOC waste. 22 CCR 66265.202, 66265.1083(b) and 66265.1085(b)
<input type="checkbox"/> HMD 0402 Employee training program not adequate. 22 CCR 66265.16(a) and/or (b)	
<input type="checkbox"/> HMD 0413 Contingency plan content is missing information and/or listing of required actions or descriptions. 22 CCR 66265.52	
<input type="checkbox"/> HMD 0414 Failed to train employees at least annually. 22 CCR 66265.16(c)	
<input type="checkbox"/> HMD 0415 Failed to equip facility with required emergency equipment, internal communication system, and/or spill response equipment. 22 CCR 66265.32	
<input type="checkbox"/> HMD 0417 Failed to have an emergency coordinator on call or available during emergency. 22 CCR 66265.55	

From: [John Sisco](#)
To: [Robertson, Kelly](#)
Cc: [Nuria Ibarra](#)
Subject: RE: Question: Vacating a Property
Date: Thursday, February 8, 2018 2:51:33 PM

Hello Kelly – I hope you are doing well and the beginning of the year is treating you nice. I wanted to communicate to you our status on our property at 11011 N. Torrey Pines Road, Ste 130, La Jolla with CERS ID 10371421 which is a small pharmaceutical manufacturing site (a few batches of commercial product annually). We had expected to vacate the property at the end of the year; however, due to a client requirement, we must maintain the site to return to manufacturing service if required until some legal commitments are completed – we will then vacate the property. We are maintaining all permits and we did update the CERS inventory last December because we only have minimal reporting materials to maintain the site in a return-to-service status (e.g., boiler chemical maintenance, air pollution activated-carbon drums).

We do have maintenance personnel inspecting the site periodically as well as our security personnel on a daily basis. Our fire system, security system, as well as our central Business Management System (BMS) still is active for the site. Please let me know if there is anything else to do since we do not meet all the conditions of the County’s Remote Site Notification, specifically, “The facility is located in an isolated sparsely populated area (i.e., remote mostly mountainous or backcountry area).”

Please do not hesitate to contact me to discuss so we ensure continued compliance and public and environment health and safety. My mobile number (see below) is best to reach me or else Nuria Ibarra, EHS Mgr, at 858-625-2424 x 2203 who is cc’d on this e-mail.

John Sisco

Sr. EHS Manager
Pacira Pharmaceuticals, Inc.
10450 Science Center Drive
San Diego, CA 92121
858-625-2424, ext. 3266 (office)
760-498-9821 (mobile)

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From: Robertson, Kelly [mailto:Kelly.Robertson@sdcounty.ca.gov]
Sent: Thursday, October 12, 2017 8:39 AM
To: John Sisco
Subject: RE: Question: Vacating a Property

Good afternoon John,

Indeed, Louise found an exciting new job last month, so I apologize that no one got back to you sooner. I am the supervisor for Louise's position (which is currently being filled). I was hoping the County would maintain her email address, or forward them to me, but no such luck.

In regards to you vacating the facility at 11011 N. Torrey Pines Rd. Ste 130, The County of San Diego, Hazardous Materials Division (HMD) would need the following information/actions to take place prior to inactivation of the Unified Program Facility Permit and CERS ID number. I am not familiar with the needs of other agencies or jurisdictions though, so I am only speaking from the HMD's perspective.

1. The Hazardous waste storage area can simply be cleaned like you described below, however, make sure to determine if any rinsate or residue from your cleaning activities are considered hazardous waste. Since you have 55 gallon drums instead of hazardous waste *tank* systems, you have less closure requirements. Please maintain any hazardous waste manifests for inspection upon request.
2. No concerns with your plan for the microbiology lab area. Be cautious when doing your lab cleanout that old, expired, or off-spec chemicals don't get accidentally disposed of improperly.
3. In CERS, edit the Facility Information, Business Activities section, and mark "NO" to all of the questions about the activities at that location. This is the formal way to inform the HMD and CalEPA that you do not need to be regulated under the Unified Program or Medical Waste Programs at that location any longer. Make a submittal of the Facility Information with a comment to regulator that you are closing the facility. Once that is reviewed by our department, we will follow the process to archive the CERS information.
4. No additional concerns about these systems.

Once we receive notification via a CERS submittal, an inspection will need to be conducted by one of our staff to verify that a permit is no longer required. After that inspection, the permit will be inactivated.

I hope this answers your questions. Thank you for reaching out to us.

Kelly Robertson

Supervising Environmental Health Specialist - Hazardous Materials Division

County of San Diego - Dept. of Environmental Health

Tel: (858) 505-6780 Kelly.Robertson@sdcounty.ca.gov

From: John Sisco [<mailto:John.Sisco@pacira.com>]

Sent: Wednesday, October 11, 2017 2:01 PM

To: Robertson, Kelly <Kelly.Robertson@sdcounty.ca.gov>

Subject: FW: Question: Vacating a Property

Hello Ms. Robertson.

I discovered today from the Duty Specialist, Joan Swanson, that Louise Norton no longer works for the SDCounty Env Hlth Dept. Below is an e-mail I had sent to her to ensure we properly notify the agency and clean the premises in accordance with any requirements prior to closing the account in CERS. Could you please let me know (your preference of e-mail or phone call) regarding requirements when exiting a building?

Thank you.

John Sisco

Sr. EHS Manager

Pacira Pharmaceuticals, Inc.

10450 Science Center Drive

San Diego, CA 92121

858-625-2424, ext. 3266 (office)

760-498-9821 (mobile)

CONFIDENTIALITY NOTICE

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From: John Sisco

Sent: Friday, September 29, 2017 7:33 AM

To: Louise Norton

Subject: Question: Vacating a Property

Hi Louise – I hope all has been going well with you. We are preparing to vacate a property (our “B6” site located at 11011 N. Torrey Pines Road, Ste 130, La Jolla). Could you please summarize what the expectations from the agency would be since the site is a LQG? I did not see anything on the SDC Env Health website addressing this.

Background

1. We have a 90-day Storage Area (55-gal drum and lab pack only, no tanks) which we are going to appropriately clean (e.g., typically we do a 3x rinse cleaning using Simple Green or other cleaning material).
 - a. No history of spills
 - b. All drum stored on containment pallets (pallets cleaned/properly disposed as well)
2. We did have a microbiology lab there that we managed waste under the Medical Waste Management Act (no pathogens or regulated medical waste but we regulated as such since disposal of the petri dishes, soy broth, etc. all have the appearance as a medical waste); tests were to ensure aseptic conditions were being met per FDA GMP requirements by

checking for typical organism counts found in the natural environment.

- a. Area will be wiped clean in accordance with our GMP cleaning process (IPA wipe clean).
 - b. Bio-safety cabinet/hood will be aseptically cleaned (e.g., paraformaldehyde or hydrogen peroxide tenting).
3. CERS Inventory
- a. Will be properly updated (we have the 30-day requirement for inventory changes)
 - b. Appears that we would contact our regulator to update and be *“transferred out of your business at your request or by your regulator due to an owner/operator change for the facility”* per the Facility Management>Archive page.
4. We do have a wastewater treatment system onsite with a sump and above-ground neutralization tank that will be properly characterized, cleaned, and disposed of or left-in-place based upon Landlord right to maintain *“tenant improvements”*.

Not sure if there is any cleaning plan for approval required prior to exit, inspection and certification of clean by agency, or other task required by SDC Env Health (only closed down the old Hybritech facility back in ca. 1999 and not much requested back then).

Thnx – John S.

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From: [John Sisco](#)
To: [Robertson, Kelly](#)
Cc: [Nuria Ibarra](#)
Subject: RE: Question: Vacating a Property
Date: Thursday, February 8, 2018 2:51:33 PM

Hello Kelly – I hope you are doing well and the beginning of the year is treating you nice. I wanted to communicate to you our status on our property at 11011 N. Torrey Pines Road, Ste 130, La Jolla with CERS ID 10371421 which is a small pharmaceutical manufacturing site (a few batches of commercial product annually). We had expected to vacate the property at the end of the year; however, due to a client requirement, we must maintain the site to return to manufacturing service if required until some legal commitments are completed – we will then vacate the property. We are maintaining all permits and we did update the CERS inventory last December because we only have minimal reporting materials to maintain the site in a return-to-service status (e.g., boiler chemical maintenance, air pollution activated-carbon drums).

We do have maintenance personnel inspecting the site periodically as well as our security personnel on a daily basis. Our fire system, security system, as well as our central Business Management System (BMS) still is active for the site. Please let me know if there is anything else to do since we do not meet all the conditions of the County’s Remote Site Notification, specifically, “The facility is located in an isolated sparsely populated area (i.e., remote mostly mountainous or backcountry area).”

Please do not hesitate to contact me to discuss so we ensure continued compliance and public and environment health and safety. My mobile number (see below) is best to reach me or else Nuria Ibarra, EHS Mgr, at 858-625-2424 x 2203 who is cc’d on this e-mail.

John Sisco

Sr. EHS Manager
Pacira Pharmaceuticals, Inc.
10450 Science Center Drive
San Diego, CA 92121
858-625-2424, ext. 3266 (office)
760-498-9821 (mobile)

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From: Robertson, Kelly [mailto:Kelly.Robertson@sdcounty.ca.gov]
Sent: Thursday, October 12, 2017 8:39 AM
To: John Sisco
Subject: RE: Question: Vacating a Property

Good afternoon John,

Indeed, Louise found an exciting new job last month, so I apologize that no one got back to you sooner. I am the supervisor for Louise's position (which is currently being filled). I was hoping the County would maintain her email address, or forward them to me, but no such luck.

In regards to you vacating the facility at 11011 N. Torrey Pines Rd. Ste 130, The County of San Diego, Hazardous Materials Division (HMD) would need the following information/actions to take place prior to inactivation of the Unified Program Facility Permit and CERS ID number. I am not familiar with the needs of other agencies or jurisdictions though, so I am only speaking from the HMD's perspective.

1. The Hazardous waste storage area can simply be cleaned like you described below, however, make sure to determine if any rinsate or residue from your cleaning activities are considered hazardous waste. Since you have 55 gallon drums instead of hazardous waste *tank* systems, you have less closure requirements. Please maintain any hazardous waste manifests for inspection upon request.
2. No concerns with your plan for the microbiology lab area. Be cautious when doing your lab cleanout that old, expired, or off-spec chemicals don't get accidentally disposed of improperly.
3. In CERS, edit the Facility Information, Business Activities section, and mark "NO" to all of the questions about the activities at that location. This is the formal way to inform the HMD and CalEPA that you do not need to be regulated under the Unified Program or Medical Waste Programs at that location any longer. Make a submittal of the Facility Information with a comment to regulator that you are closing the facility. Once that is reviewed by our department, we will follow the process to archive the CERS information.
4. No additional concerns about these systems.

Once we receive notification via a CERS submittal, an inspection will need to be conducted by one of our staff to verify that a permit is no longer required. After that inspection, the permit will be inactivated.

I hope this answers your questions. Thank you for reaching out to us.

Kelly Robertson

Supervising Environmental Health Specialist - Hazardous Materials Division

County of San Diego - Dept. of Environmental Health

Tel: (858) 505-6780 Kelly.Robertson@sdcounty.ca.gov

From: John Sisco [<mailto:John.Sisco@pacira.com>]

Sent: Wednesday, October 11, 2017 2:01 PM

To: Robertson, Kelly <Kelly.Robertson@sdcounty.ca.gov>

Subject: FW: Question: Vacating a Property

Hello Ms. Robertson.

I discovered today from the Duty Specialist, Joan Swanson, that Louise Norton no longer works for the SDCounty Env Hlth Dept. Below is an e-mail I had sent to her to ensure we properly notify the agency and clean the premises in accordance with any requirements prior to closing the account in CERS. Could you please let me know (your preference of e-mail or phone call) regarding requirements when exiting a building?

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COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 08/27/2018

RECORD ID #: DEH2008-HUPFP-208961

TIME START: 1:30 PM END: 2:10 PM

SPECIALIST: Anastasiya Irkhin

INSPECTION CONTACT: Nuria Ibarra

TITLE: Manager EH&S

PHONE: (858) 625-2424

E-MAIL: nuria.ibarra@pacira.com

FACILITY NAME: PACIRA PHARMACEUTICALS, INC
 ADDRESS: 11011 N TORREY PINES RD 130
 CITY/ZIP: LA JOLLA /92037

FACILITY REFERENCE DATA

ACCELA

RECORD STATUS: Permit Renewed
 PERMIT EXPIRATION DATE: 05/31/2019
 BALANCE DUE: \$0.00
 INSPECTOR: Anastasiya Irkhin
 INSPECTION TYPE: Closure
 INSPECTION STATUS: Complete

CERS

EPA ID NUMBER: CAR000146795
 FACILITY CERS ID NUMBER: 10371421
 CERS LEAD USER: John Sisco
 LAST CERS SUBMITTAL DATE: 11/21/2017
 ENVIRONMENTAL CONTACT EMAIL: john.sisco@pacira.com
 ENVIRONMENTAL CONTACT PHONE: 858-625-2424

FACILITY INFORMATION

	YES	NO
INACTIVATION INSPECTION:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CHANGE OF OWNER:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CHANGE IN BUSINESS TYPE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS TYPE:	Biomedical/Biotech-Not Large Manufacturer	
ISSUE INITIAL INVOICE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS NON-NOTIFICATION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS RE-INSPECTION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FACILITY SUBJECT TO BASE FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FACILITY SUBJECT TO CUPA FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UPDATE FACILITY ADDRESS IN AA:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS CLOSE DATE:*	08/21/2018	

	YES	NO		
HAZARDOUS MATERIALS:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
HAZARDOUS WASTE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
ABOVEGROUND PETROLEUM STORAGE ACT:*	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
TOTAL SHELL CAPACITY APSA:	0			
UNDERGROUND STORAGE TANK:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
CALARP PROGRAM (CERS):	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
CALARP PROGRAM LEVEL:	1	2	3	N/A
MEDICAL WASTE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
MW FACILITY GENERATING OVER 200 LBS PER MONTH:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
EPIC PARTICIPANT:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
NUMBER OF TLV GASES AT THE FACILITY:	0			

HW GENERATOR STATUS : LOG SQG CESQG RCRA LOG N/A

TIERED PERMIT LEVEL(S) : CESQT CESW CE-L CE-CL HHW PBR CA N/A

PRIMARY BILLING CODE: General Medical Waste
 SECONDARY BILLING CODE: EPIC+
 TERTIARY BILLING CODE: EPIC+

INSPECTION SCOPE:

HAZARDOUS MATERIALS: GEN HAZMAT APSA UST
 HAZARDOUS WASTE: SQG LOG

MEDICAL WASTE: SQG SQG - TREATS
 LOG LOG - ABBREVIATED LOG - TREATS

CALARP: 1 2 3

TIERED PERMITTING: CESQT CESW CE-L CE-CL
 CA PBR HHW

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT NAME: Nuria Ibarra TITLE: Manager EH&S

REMOVE BLANK CHECKLISTS FROM FINAL INSPECTION REPORT REFUSED TO SIGN

TIME ACCOUNTING (Closure)

TOTAL TIME ENTERED: 1.2

Date	Time	Group	Type
08/27/2018	0.5	HMD Inspection	Report Writing - Record
08/27/2018	0.7	HMD Inspection	Travel Time - Record

INSPECTION REPORT EMAILS:

Anastasiya.Irkhin@sdcounty.ca.gov, john.sisco@pacira.com



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

FACILITY NAME: PACIRA PHARMACEUTICALS, INC
 ADDRESS: 11011 N TORREY PINES RD 130
 CITY/ZIP: LA JOLLA /92037

INSPECTION DATE: 08/27/2018
 RECORD ID #: DEH2008-HUPFP-208961
 TIME START: 1:30 PM END: 2:10 PM
 SPECIALIST: Anastasiya Irkhin
 INSPECTION CONTACT: Nuria Ibarra
 TITLE: Manager EH&S
 PHONE: (858) 625-2424
 E-MAIL: nuria.ibarra@pacira.com

RECORD COMMENT:

Closure inspection completed at Pacira Pharmaceuticals Inc today. Facility walk-through completed and final manifests on-site and reviewed for final pick-ups. Facility representative submitted in CERS to notify of closure CERS ID: 10371421. OK to suspend permit at this time for Pacira Pharmaceuticals Inc.



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: PACIRA PHARMACEUTICALS, INC
 ADDRESS: 11011 N TORREY PINES RD 130
 CITY/ZIP: LA JOLLA /92037

INSPECTION DATE: 08/27/2018 PAGE 1 OF 2
 RECORD ID #: DEH2008-HUPFP-208961
 TIME START: 1:30 PM END: 2:10 PM
 SPECIALIST: Anastasiya Irkhin
 INSPECTION CONTACT: Nuria Ibarra
 TITLE: Manager EH&S
 PHONE: (858) 625-2424
 E-MAIL: nuria.ibarra@pacira.com

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit Current	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contingency Plan Available <input type="checkbox"/> LQG <input type="checkbox"/> SQG
<input type="checkbox"/>	<input type="checkbox"/>	Hazardous Materials Business Plan Available	<input type="checkbox"/>	<input type="checkbox"/>	Employee Training Records Available
<input type="checkbox"/>	<input type="checkbox"/>	Employee Training is Adequate	<input type="checkbox"/>	<input type="checkbox"/>	Universal Waste Managed Properly
<input type="checkbox"/>	<input type="checkbox"/>	Waste Disposal Records Available for Review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers <input type="checkbox"/> Closed <input type="checkbox"/> Labeled
<input type="checkbox"/>	<input type="checkbox"/>	Emergency Contacts Current <input type="checkbox"/> Updated today	<input type="checkbox"/>	<input type="checkbox"/>	Waste Containers in Good Condition
<input type="checkbox"/>	<input type="checkbox"/>	Chemical Inventory/Map Current <input type="checkbox"/> Updated today			Permit Expires On <u>05/31/2019</u>

CONSENT TO CONDUCT INSPECTION GRANTED BY: Nuria Ibarra

TITLE: Manager EH&S

INTRODUCTION:

Closure inspection completed at Pacira Pharmaceuticals Inc today.
 On-site with Nuria Ibarra, Manager EH&S, and John Sisco, Senior EH&S.
 Facility walk-through completed and final manifests on-site and reviewed for final pick-ups.

Facility representative submitted in CERS to notify of closure CERS ID: 10371421.

OK to suspend permit at this time for Pacira Pharmaceuticals Inc.

INSPECTION REMARKS:

Helpful Websites:

- For guidance documents on hazardous materials-related topics, go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS), go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations, go to: <http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails: <https://public.govdelivery.com/accounts/CASAND/subscriber/new>

If you have any questions regarding this inspection, please contact Anastasiya Irkhin, 858-518-7388, Anastasiya.Irkhin@sdcounty.ca.gov

INSPECTION PHOTOS

None

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 08/27/2018 PAGE 2 OF 2
RECORD ID #: DEH2008-HUPFP-208961

PRINTED NAME OF FACILITY REPRESENTATIVE John Sisco	SIGNATURE 	DATE SIGNED 08/27/2018
TITLE OF FACILITY REPRESENTATIVE Senior EH&S		

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (858) 505-6880 <http://www.sdcdeh.org>



SAN DIEGO REGIONAL 10123627 HAZARDOUS MATERIALS QUESTIONNAIRE

OFFICE USE ONLY	
RECORD ID #	
HHMBP #	
BP DATE	1 / 1

Business Name Agilent Technologies	Business Contact Dan MacNeil	Telephone # (858) 373-6420
Project Address 11011 N. Torrey Pines Rd.	City San Diego	State CA
Mailing Address SAME	City San Diego	State CA
Project Contact Carrie Braun / Dowler Gruman Architects	City San Diego	Telephone # (619) 685-3990

The following questions represent the facility's activities, NOT the specific project description.

PART I: FIRE DEPARTMENT - HAZARDOUS MATERIALS DIVISION; OCCUPANCY CLASSIFICATION: (not required for projects within the City of San Diego); Indicate by circling the item, whether your business will use, process, or store any of the following hazardous materials. If any of the items are circled, applicant must contact the Fire Protection Agency with jurisdiction prior to plan submittal.

- Occupancy Rating: Facility's Square Footage (including proposed project):
- | | | | |
|----------------------------------|-----------------------|-------------------------------------|--------------------------|
| 1. Explosive or Blasting Agents | 5. Organic Peroxides | 9. Water Reactives | 13. Corrosives |
| 2. Compressed Gases | 6. Oxidizers | 10. Cryogenics | 14. Other Health Hazards |
| 3. Flammable/Combustible Liquids | 7. Pyrophorics | 11. Highly Toxic or Toxic Materials | 15. None of These. |
| 4. Flammable Solids | 8. Unstable Reactives | 12. Radioactives | |

PART II: SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH - HAZARDOUS MATERIALS DIVISION (HMD): If the answer to any of the questions is yes, applicant must contact the County of San Diego Hazardous Materials Division, 5500 Overland Avenue, Suite 170, San Diego, CA 92123. Call (858) 505-6700 prior to the issuance of a building permit.

<p>FEE'S ARE REQUIRED. YES NO</p> <p>1. <input checked="" type="checkbox"/> <input type="checkbox"/> Is your business listed on the reverse side of this form? (check all that apply).</p> <p>2. <input checked="" type="checkbox"/> <input type="checkbox"/> Will your business dispose of Hazardous Substances or Medical Waste in any amount?</p> <p>3. <input checked="" type="checkbox"/> <input type="checkbox"/> Will your business store or handle Hazardous Substances in quantities greater than or equal to 55 gallons, 500 pounds and/or 200 cubic feet?</p> <p>4. <input checked="" type="checkbox"/> <input type="checkbox"/> Will your business store or handle carcinogens/reproductive toxins in any quantity?</p> <p>5. <input type="checkbox"/> <input checked="" type="checkbox"/> Will your business use an existing or install an underground storage tank?</p> <p>6. <input type="checkbox"/> <input checked="" type="checkbox"/> Will your business store or handle Regulated Substances (CalARP)?</p> <p>7. <input type="checkbox"/> <input checked="" type="checkbox"/> Will your business use or install a Hazardous Waste Tank System (Title 22, Article 10)?</p> <p>8. <input type="checkbox"/> <input checked="" type="checkbox"/> Will your business store petroleum in tanks or containers at your facility with a total facility storage capacity equal to or greater than 1,320 gallons? (California's Aboveground Petroleum Storage Act).</p>	<p>Project Completion Date:</p> <p>Expected Date of Occupancy: (for new construction or remodeling projects)</p>	<p><input type="checkbox"/> CalARP Exempt Date / Initials</p> <p><input type="checkbox"/> CalARP Required Date / Initials</p> <p><input type="checkbox"/> CalARP Complete Date / Initials</p>
--	--	---

PART III: SAN DIEGO COUNTY AIR POLLUTION CONTROL DISTRICT (APCD): If the answer to Question #1 below is no or the answer to any of the Questions #2-5 is yes, applicant must contact the APCD at 10124 Old Grove Road, San Diego, CA 92131-1649 or telephone (858) 586-2600 prior to the issuance of a building or demolition permit. If the answer to questions #4 or #5 is yes, applicant must also submit an asbestos notification form to the APCD at least 10 working days prior to commencing demolition or renovation. (Some residential projects may be exempt from the notification requirements. Contact the APCD for more information.)

- | | |
|--------|--|
| YES NO | 1. <input checked="" type="checkbox"/> <input type="checkbox"/> Has a survey been performed to determine the presence of Asbestos Containing Materials? |
| YES NO | 2. <input type="checkbox"/> <input checked="" type="checkbox"/> Will the subject facility or construction activities include operations or equipment that emit or are capable of emitting an air contaminant? (See the APCD factsheet at http://www.sdapcd.org/info/facts/permits.pdf , and the list of typical equipment requiring an APCD permit on the reverse side of this form. Contact APCD if you have any questions). |
| YES NO | 3. <input type="checkbox"/> <input checked="" type="checkbox"/> (ANSWER ONLY IF QUESTION 1 IS YES) Will the subject facility be located within 1,000 feet of the outer boundary of a school (K through 12)? (Search the California School Directory at http://www.cde.ca.gov/re/sdi/ for public and private schools or contact the appropriate school district). |
| YES NO | 4. <input type="checkbox"/> <input checked="" type="checkbox"/> Will there be renovation that involves handling of any friable asbestos materials, or disturbing any material that contains non-friable asbestos? |
| YES NO | 5. <input type="checkbox"/> <input checked="" type="checkbox"/> Will there be demolition involving the removal of a load supporting structural member? |

Briefly describe business activities: Bio Technology Research - Sciences	Briefly describe proposed project: Tenant Improvement = convert lab spaces to conference room
I declare under penalty of perjury that to the best of my knowledge and belief the responses made herein are true and correct. DANIEL R. MAC NEIL	07/06/2015
Name of Owner or Authorized Agent	Date

FOR OFFICIAL USE ONLY:

FIRE DEPARTMENT OCCUPANCY CLASSIFICATION: _____ DATE: 1 / 1

BY: _____

EXEMPT OR NO FURTHER INFORMATION REQUIRED		RELEASED FOR BUILDING PERMIT BUT NOT FOR OCCUPANCY		RELEASED FOR OCCUPANCY	
COUNTY-HMD*	APCD	COUNTY-HMD	APCD	COUNTY-HMD	APCD

*A stamp in this box only exempts businesses from completing or updating a Hazardous Materials Business Plan. Other permitting requirements may still apply.

**LIST OF BUSINESSES WHICH REQUIRE REVIEW AND APPROVAL FROM THE COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH – HAZARDOUS MATERIALS DIVISION**

Check all that apply:

AUTOMOTIVE

- Battery Manufacturing/Recycling
- Boat Yard
- Car Wash
- Dealership Maintenance/Painting
- Machine Shop
- Painting
- Radiator Shop
- Rental Yard Equipment
- Repair/Preventive Maintenance
- Spray Booth
- Transportation Services
- Wrecking/Recycling

CHEMICAL HANDLING

- Agricultural supplier/distributor
- Chemical Manufacturer
- Chemical Supplier/Distributor
- Coatings/Adhesive
- Compressed Gas Supplier/Distributor
- Dry Cleaning
- Fiberglass/Resin Application
- Gas Station
- Industrial Laundry
- Laboratory
- Laboratory Supplier/Distributor
- Oil and Fuel Bulk Supply
- Pesticide Operator/Distributor

CHEMICAL HANDLING

- Photographic Processing
- Pool Supplies/Maintenance
- Printing/Blue Printing
- Road Coatings
- Swimming Pool
- Toxic Gas Handler
- Toxic Gas Manufacturer

METAL WORKING

- Anodizing
- Chemical Milling/Etching
- Finish-Coating/Painting
- Flame Spraying
- Foundry
- Machine Shop-Drilling/Lathes/Mills
- Metal Plating
- Metal Prepping/Chemical Coating
- Precious Metal Recovery
- Sand Blasting/Grinding
- Steel Fabricator
- Wrought Iron Manufacturing

AEROSPACE

- Aerospace Industry
- Aircraft Maintenance
- Aircraft Manufacturing

OTHERS AND MISCELLANEOUS

- Asphalt Plant
- Biotechnology/Research
- Chiropractic Office
- Co-Generation Plant
- Dental Clinic/Office
- Dialysis Center
- Emergency Generator
- Frozen Food Processing Facility
- Hazardous Waste Hauler
- Hospital/Convalescent Home
- Laboratory/Biological Lab
- Medical Clinic/Office
- Nitrous Oxide (NO₂) Control System
- Pharmaceuticals
- Public Utility
- Refrigeration System
- Rock Quarry
- Ship Repair/Construction
- Telecommunications Cell Site
- Veterinary Clinic/Hospital
- Wood/Furniture Manufacturing/Refinishing

ELECTRONICS

- Electronic Assembly/Sub-Assembly
- Electronic Components Manufacturing
- Printed Circuit Board Manufacturing

NOTE: THE ABOVE LIST INCLUDES BUSINESSES, WHICH TYPICALLY USE, STORE, HANDLE, AND DISPOSE OF HAZARDOUS SUBSTANCES. ANY BUSINESS NOT INCLUDED ON THIS LIST, WHICH HANDLES, USES OR DISPOSES OF HAZARDOUS SUBSTANCES MAY STILL REQUIRE HAZARDOUS MATERIALS DIVISION (HMD) REVIEW OF BUSINESS PLANS. FOR MORE INFORMATION CALL (858) 505-6880.

LIST OF AIR POLLUTION CONTROL DISTRICT PERMIT CATEGORIES

Businesses, which include any of the following operations or equipment, will require clearance from the Air Pollution Control District.

CHEMICAL

- 47 – Organic Gas Sterilizers
- 32 – Acid Chemical Milling
- 33 – Can & Coil Manufacturing
- 44 – Evaporators, Dryers & Stills Processing Organic Materials
- 24 – Dry Chemical Mixing & Detergent Spray Towers
- 35 – Bulk Dry Chemicals Storage
- 55 – Chroma Electroplating Tanks

COATINGS & ORGANIC SOLVENTS

- 27 – Coating & Painting
- 37 – Plasma Arc & Ceramic Deposition Spray Booths
- 38 – Paint, Stain & Ink Mfg
- 27 – Printing
- 27 – Polyester Resin/Fiberglass Operations

METALS

- 18 – Metal Melting Devices
- 19 – Oil Quenching & Salt Baths
- 32 – Hot Dip Galvanizing
- 39 – Precious Metals Refining

ORGANIC COMPOUND MARKETING

(GASOLINE, ETC)

- 25 – Gasoline & Alcohol Bulk Plants & Terminals
- 25 – Intermediate Refuelers
- 26 – Gasoline & Alcohol Fuel Dispensing

COMBUSTION

- 34 – Piston Internal – Combustion Engines
- 13 – Boilers & Heaters (1 million BTU/hr or larger)
- 14 – Incinerators & Crematories
- 15 – Burn Out Ovens
- 16 – Core Ovens
- 20 – Gas Turbines, and Turbine Test Cells & Stands
- 48 – Landfill and/or Digester Gas Flares

ELECTRONICS

- 29 – Automated Soldering
- 42 – Electronic Component Mfg

FOOD

- 12 – Fish Canneries
- 12 – Smoke Houses
- 50 – Coffee Roasters
- 35 – Bulk Flour & Powered Sugar Storage

SOLVENT USE

- 28 – Vapor & Cold Degreasing
- 30 – Solvent & Extract Driers
- 31 – Dry Cleaning

ROCK AND MINERAL

- 04 – Hot Asphalt Batch Plants
- 05 – Rock Drills
- 06 – Screening Operations
- 07 – Sand Rock & Aggregate Plants
- 08 – Concrete Batch, CTB, Concrete Mixers, Mixers & Silos
- 10 – Brick Manufacturing

OTHER

- 01 – Abrasive Blasting Equipment
- 03 – Asphalt Roofing Kettles & Tankers
- 48 – Reverse Osmosis Membrane Mfg
- 51 – Aqueous Waste Neutralization
- 11 – Tire Buffers
- 17 – Brake Debonders
- 23 – Bulk Grain & Dry Chemical Transfer & Storage
- 45 – Rubber Mixers
- 21 – Waste Disposal & Reclamation Units
- 36 – Grinding Booths & Rooms
- 40 – Asphalt Pavement Heaters
- 43 – Ceramic Slip Casting
- 41 – Perlite Processing
- 40 – Cooling Towers – Registration Only
- 91 – Fumigation Operations
- 56 – WWTP (1 million gal/day or larger) & Pump Station

NOTE: OTHER EQUIPMENT NOT LISTED HERE THAT IS CAPABLE OF EMITTING AIR CONTAMINANTS MAY REQUIRE AN AIR POLLUTION CONTROL DISTRICT PERMIT. IF THERE ARE ANY QUESTIONS, CONTACT THE AIR POLLUTION CONTROL DISTRICT AT (858) 586-2600.



DEH 2015- HHMBP-003131

OFFICE USE ONLY	
RECORD ID #	
HHMBP #	
BP DATE	/ /

SAN DIEGO REGIONAL 10123627 HAZARDOUS MATERIALS QUESTIONNAIRE

Business Name Agilent Technologies	Business Contact Dan MacNeil	Telephone # (858) 373-6420
Project Address 11011 N. Torrey Pines Rd.	City San Diego	State CA
Mailing Address same	City San Diego	State CA
Project Contact Carrie Braun / Dowler Gruman Architects	City San Diego	State CA
		Telephone # (619) 685-3990

The following questions represent the facility's activities, NOT the specific project description.

PART I: FIRE DEPARTMENT - HAZARDOUS MATERIALS DIVISION: OCCUPANCY CLASSIFICATION: (not required for projects within the City of San Diego): Indicate by circling the item, whether your business will use, process, or store any of the following hazardous materials. If any of the items are circled, applicant must contact the Fire Protection Agency with jurisdiction prior to plan submittal.

Occupancy Rating: Facility's Square Footage (including proposed project):

1. Explosive or Blasting Agents	5. Organic Peroxides	9. Water Reactives	13. Corrosives
2. Compressed Gases	6. Oxidizers	10. Cryogenics	14. Other Health Hazards
3. Flammable/Combustible Liquids	7. Pyrophorics	11. Highly Toxic or Toxic Materials	15. None of These.
4. Flammable Solids	8. Unstable Reactives	12. Radioactives	

PART II: SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH - HAZARDOUS MATERIALS DIVISION (HMD): If the answer to any of the questions is yes, applicant must contact the County of San Diego Hazardous Materials Division, 5500 Overland Avenue, Suite 170, San Diego, CA 92123. Call (858) 505-6700 prior to the issuance of a building permit.

FEES ARE REQUIRED.	Project Completion Date:	Expected Date of Occupancy:	<input type="checkbox"/> CalARP Exempt Date / Initials <input type="checkbox"/> CalARP Required Date / Initials <input type="checkbox"/> CalARP Complete Date / Initials
YES NO		(for new construction or remodeling projects)	
1. <input checked="" type="checkbox"/> <input type="checkbox"/>	Is your business listed on the reverse side of this form? (check all that apply).		
2. <input checked="" type="checkbox"/> <input type="checkbox"/>	Will your business dispose of Hazardous Substances or Medical Waste in any amount?		
3. <input checked="" type="checkbox"/> <input type="checkbox"/>	Will your business store or handle Hazardous Substances in quantities greater than or equal to 55 gallons, 500 pounds and/or 200 cubic feet?		
4. <input checked="" type="checkbox"/> <input type="checkbox"/>	Will your business store or handle carcinogens/reproductive toxins in any quantity?		
5. <input type="checkbox"/> <input checked="" type="checkbox"/>	Will your business use an existing or install an underground storage tank?		
6. <input type="checkbox"/> <input checked="" type="checkbox"/>	Will your business store or handle Regulated Substances (CalARP)?		
7. <input type="checkbox"/> <input checked="" type="checkbox"/>	Will your business use or install a Hazardous Waste Tank System (Title 22, Article 10)?		
8. <input type="checkbox"/> <input checked="" type="checkbox"/>	Will your business store petroleum in tanks or containers at your facility with a total facility storage capacity equal to or greater than 1,320 gallons? (California's Aboveground Petroleum Storage Act).		

PART III: SAN DIEGO COUNTY AIR POLLUTION CONTROL DISTRICT (APCD): If the answer to Question #1 below is no or the answer to any of the Questions #2-5 is yes, applicant must contact the APCD at 10124 Old Grove Road, San Diego, CA 92131-1649 or telephone (858) 586-2600 prior to the issuance of a building or demolition permit. If the answer to questions #4 or #5 is yes, applicant must also submit an asbestos notification form to the APCD at least 10 working days prior to commencing demolition or renovation. (Some residential projects may be exempt from the notification requirements. Contact the APCD for more information.)

YES NO	
1. <input checked="" type="checkbox"/> <input type="checkbox"/>	Has a survey been performed to determine the presence of Asbestos Containing Materials?
2. <input type="checkbox"/> <input checked="" type="checkbox"/>	Will the subject facility or construction activities include operations or equipment that emit or are capable of emitting an air contaminant? (See the APCD factsheet at http://www.sdapcd.org/info/facts/permits.pdf , and the list of typical equipment requiring an APCD permit on the reverse side of this form. Contact APCD if you have any questions).
3. <input type="checkbox"/> <input checked="" type="checkbox"/>	(ANSWER ONLY IF QUESTION 1 IS YES) Will the subject facility be located within 1,000 feet of the outer boundary of a school (K through 12)? (Search the California School Directory at http://www.cde.ca.gov/re/sd/ for public and private schools or contact the appropriate school district).
4. <input type="checkbox"/> <input checked="" type="checkbox"/>	Will there be renovation that involves handling of any friable asbestos materials, or disturbing any material that contains non-friable asbestos?
5. <input type="checkbox"/> <input checked="" type="checkbox"/>	Will there be demolition involving the removal of a load supporting structural member?

Briefly describe business activities: **Bio Technology Research - Life Sciences**

Briefly describe proposed project: **Tenant Improvement = convert lab spaces to conference**

I declare under penalty of perjury that to the best of my knowledge and belief the responses made herein are true and correct.

Name of Owner or Authorized Agent: **DANIEL R. MAC NEIL** Signature of Owner or Authorized Agent: **Daniel MacNeil** Date: **07/06/2015**

FOR OFFICIAL USE ONLY:

FIRE DEPARTMENT OCCUPANCY CLASSIFICATION: _____ DATE: / /

BY: _____

EXEMPT OR NO FURTHER INFORMATION REQUIRED		RELEASED FOR BUILDING PERMIT BUT NOT FOR OCCUPANCY		RELEASED FOR OCCUPANCY	
COUNTY-HMD*	APCD	COUNTY-HMD*	APCD	COUNTY-HMD*	APCD

*A stamp in this box only exempts businesses from completing or updating a Hazardous Materials Business Plan. Other permitting requirements may still apply.



HAZAR

The California Health & Safety Code (H&S)

The San Diego County, Department of
requires a business that handles hazardous
site plan, **in lieu of a complete Hazardous
HMBP**. The business must certify that
materials are stored. A complete HMI
Employee Training Plan, as established
and maintained on site. See Back for i

FACILITY ID#				
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BUSINESS NAME (Same as FACILITY NAME)				
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BUSI

FACILITY ID #

3 | 7

BUSINESS NAME (Same as FACILITY NAME)

Agilent Technologies (formerly Str

BUSINESS SITE ADDRESS

11011 N. Torrey Pines Road

BUSINESS SITE CITY

La Jolla

Dichloromethane

Diethyl Sulfate

Dimethyl Sulfate

Ethyl Acetate

Ethylene Glycol Monoethyl Ether

Formaldehyde

Hydrazine

DEH:HM-9243 (Rev. 1/03)

DEH:HM-9243 (Rev. 1/03)



FACILITY ID #

3

7

0

BUSINESS NAME (Same as FACILITY NAME)

Agilent Technologies (For

BUSINESS SITE ADDRESS

11011 N. Torrey Pines Road

BUSINESS SITE CITY

La Jolla



U



This business or service is
Department of Environm
Activities" form.

Date assumed business ov



BUSIN

FACILITY ID #

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7

BUSINESS NAME (Same as FACILITY NAME, or D

Agilent Technologies (~~formerly Stra~~

BUSINESS SITE ADDRESS

11011 N. Torrey Pines Road

BUSINESS SITE CITY



HAZ

The California Health & Safety Code (H&S)
The San Diego County, Department of
requires a business that handles hazardous
plan, in lieu of a complete Hazardous
business must certify that a complete
complete HMBP includes the items to
established in H&SC Section 25504.
for instructions and further clarification

FACILITY ID#

3

7

File



COUNTY OF SAN DIEGO

CORRECTIVE ACTION FORM TO DOCUMENT RETURN TO COMPLIANCE

PERMIT#: 211638

SPECIALIST: Waara

INSPECTION DATE: 5/11/2010

CONTACT: Dan Mac Neil

FACILITY NAME **AGILENT TECHNOLOGIES**

ADDRESS 11011 N. Torrey Pines Road CITY La Jolla ZIP 92037

VIOL #	DATE CORRECTED	Indicate How Violations Were Corrected (Attach Any Supporting Documentation)
1 v	5/17/2010	New signs for the Biowaste Accumulation Area were developed in English and Spanish. Signs were laminated before posted in the Media Lab.
2 v	5/14/2010	The old storage bin without a lid and without labeling was removed from the Media Lab into storage. A Veolia medical waste storage bin was located and moved into the appropriate area, now bearing signs.
3 v	5/19/2010	An updated Medical Waste Management Plan was submitted to DEH, Hazardous Materials Division.
4 v		
5 v		
6 v		
7 v		
8 v		
9 v		
10 v		

I certify under penalty of law that this facility has corrected all violations marked on the Compliance Inspection Report/Notice of Violation. I have personally examined and am familiar with the information submitted and believe the information is true, accurate and complete. I am authorized to file this certification for the facility, and am aware that there are significant penalties for submitting false information.

Responsible Party: DANIEL MAC NEIL Job Title EHS Specialist

Signature of Responsible Party:

Date: 5/19/2010

◀ Send completed form and supporting documentation to the address listed below ▶

COUNTY OF SAN DIEGO USE ONLY: Reviewed by: Date: 5/19/10
(Specialist's name and date required for processing)

Specialist's comments: _____

All violations noted on date listed above were corrected. Based on information provided by the business
 RTC entered in Kiva by Specialist on: 8/4/10 RTC entered in Kiva by Office Assistant on: ____/____/____

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
<http://www.sdcdeh.org> 619-338-2222; 1-800-253-9933



COUNTY

COMPLIANCE

BUSINESS NAME Agilent Technology

ADDRESS 11011 N. Torrey Pines Rd

CITY/ZIP La Jolla / 92037

On the above date, the County inspected your business for compliance with the H&SC, the California Code of Regulations (CCR) (25187.8 & 25404.1.2) for any minor violations. Minor violations do not include repetitive violations. Minor violations do not include knowing, willful, intentional, or criminal violations. The County is intended to provide guidance to correct any violations. The County is (or as specified below) demonstrating that all violations are corrected. Prompt correction can prevent future violations even if they are corrected promptly.



C

SUPPLEMENT

BUSINESS ADDRESS: 11011 N. Torrey

a container without a lid or
and legible biohazardous w
warning signs shall be in E
**UNAUTHORIZED PERSONS
BIOLOGICOS PELIGROSOS**
Within 30 days of receipt o
demonstrates that the above

- 2. Red bag not containerize**
Observations: I observed



C

SUPPLEMENT

BUSINESS ADDRESS: 11011 N. Torrey

- i. Chemical inventory review**
- j. Site map verified**
- k. Emergency contacts verified**
- l. Annual carcinogen dated 7**

Medical Waste

- m. In the Tissue Culture room**
number on them. This was
- n. Medical waste tracking do**



COUNTY

MEDICAL COMPLIANCE

BUSINESS ADDRESS: 11011 N. 7th
VIOLATION REPORT: *The items checked*
the San Diego County Code of Regulatory Ordinances.
All violations must be corrected. Submit documents for
return to compliance. Your Specialist can provide assistance.

STORAGE AND LABELING

<u>Viol #</u>	<u>VIOL</u>	<u>VIOLATION DESCRIPTION</u>
	<input type="checkbox"/> V4201	UPF Permit not obtained
	<input type="checkbox"/> V4202	Medical Waste (MW) not at point of origin. 11827.9
	<input type="checkbox"/> V4203	Enclosure or designated containers not secured
	<input checked="" type="checkbox"/> V4204	MW designated accumulation area not approved and legible

JACK MILLER
DIRECTOR

May 12, 2010

Dan Mac Neil, Safety Mg

SCORING SYSTEM

Significant Violations (E)

1. Unified Program Facilities
2. Failed to obtain & maintain
3. Operating Treatment S





COMPLIANCE INSPECTION REPORT

PAGE 1 OF 5 DATE 5/29/2012
PERMIT # 211638 BUS. CODE K67
TIME START 9:45 am END 2:30 pm
SPECIALIST Keith Waara
INSPECTION CONTACT Dan Mac Neil
TITLE Safety Manager
PHONE 858-373-6300

BUSINESS NAME Agilent Technologies
 ADDRESS 11011 N. Torrey Pines Rd
 CITY/ZIP La Jolla / 92037

On the above date, the County inspected your business under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Y: <input checked="" type="checkbox"/>	N/A: <input type="checkbox"/>	<input checked="" type="checkbox"/> Unified Program Facility Permit current	Y: <input checked="" type="checkbox"/>	N/A: <input type="checkbox"/>	Permit Expires on: 8/31/2012
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Hazardous Materials Business Plan available	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contingency Plan available <input type="checkbox"/> LQG <input checked="" type="checkbox"/> SQG
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Employee Training is adequate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training records available
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Waste disposal records available for review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Universal waste managed properly
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Emergency contacts current <input checked="" type="checkbox"/> Updated today	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste containers <input type="checkbox"/> closed <input type="checkbox"/> labeled
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Chemical inventory/map current <input type="checkbox"/> Updated today	<input type="checkbox"/>	<input type="checkbox"/>	Waste containers in good condition

Consent to inspect granted by: Inspection Contact Other: _____

RECEIVED JUN 19 2012

Notice to Comply

A routine inspection was conducted at the above facility with Dan Mac Neil, Safety Manager. Mr. Mac Neil gave permission to take photos and samples. Copy of photo is attached to this report. Agilent is a biotechnology company that develops products and technologies for life science research, including DNA and protein purification. The inspection covered the following Certified Unified Program Agency (CUPA) elements: hazardous waste generator, hazardous materials business plan, and medical waste generator. Agilent is a small quantity generator (SQG) of hazardous and medical waste. The following observations were made during the inspection:

Violations/Observations/Corrective Actions

Hazardous Materials Violations

- i. **Hazardous Materials Business Plan (HMBP) not certified annually. 25505(d) & (e)(2) Observations:** The business did not recertify the HMBP for 2011. The businesses must annually submit to the HMD a recertification statement in writing that the HMBP is true, accurate, and complete. **Corrective Actions:** The business corrected this violation by recertifying the HMBP during this inspection. Be advised the business must submit a HMBP recertification statement with each change to the chemical inventory, site map, and/or the emergency contacts. The HMBP recertification form, HM-953 can be found on the HMD website at <http://www.sdcounty.ca.gov/deh/hazmat/pdf/hm-953.pdf>

<input type="checkbox"/> This is an annual certification that the Hazardous Materials Business Plan (inventory & site map, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored.	Initials of Business Representative
--	-------------------------------------

PRINTED NAME OF BUSINESS REPRESENTATIVE <u>DANIEL R. MACNEIL</u>	DATE SIGNED <u>05 / 30 / 2012</u>
SIGNATURE OF BUSINESS REPRESENTATIVE <u>[Signature]</u>	TITLE OF BUSINESS REPRESENTATIVE <u>EHS Specialist</u>

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 921129261
 Phone: (619) 338-2222 Toll Free: (800) 253-9933 <http://www.sdcedeh.org>



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

PERMIT # 211638

DATE 5/29/2012

PAGE 2 OF 5

BUSINESS ADDRESS: 11011 N. Torrey Pines Rd

ZIP CODE: 92037

Medical Waste Violations

2. Generator did not store medical waste in approved and properly marked red bags (non-sharps). HSC 118275 Observations: In the Medical Waste Designated Accumulation Area (room 183) medical waste not contained in a red bag. There were at least two used plastic vials and other medical waste debris observed not stored in an approved and properly marked red bag. See photo enclosed. Corrective Actions: To containerize or store medical waste, a person shall do all of the following:

- a. Medical waste shall be contained separately from other waste at the point of origin in the producing facility. Sharps containers may be placed in biohazard bags or in containers with biohazard bags.
b. Biohazardous waste shall be placed in a red biohazard bag conspicuously labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD." Within 30 days of receipt of this report provide the HMD statements, photos and/or documentation that demonstrate that this violation has been corrected.

Within 30 days of this report provide the HMD with statements, documentation, and/or photos which demonstrates that the above violation has been corrected.

3. Red bag not containerized in rigid, leak resistant, and covered containers or bin. HSC 118280(b) Observations: I observed four closed red bags of medical waste in cold room 175 that were not stored in rigid, leak resistant, closed and labeled containers/bins. Onsite staff verified that the waste is regulated medical waste that at one time was material being store for potential future use. Corrective Actions: Red bags must only be used to store medical waste. Red bags ready for disposal must be tied off and be stored in containers with leak resistant and have tight-fitting covers. The containers may be any color, but they must be labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD" on the lid and on the sides so as to be visible from any lateral direction. This violation was corrected during the inspection. No further action required.

4. Reusable containers/bins for medical waste storage not kept clean/sanitary. HSC 118295 Observations: In the Medical Waste Designated Accumulation Area (room 183) I observed a medical waste bin with medical waste directly inside the reusable bin. This bin must be properly decontaminated. See photo. Corrective Actions: Agilent must thoroughly wash and decontaminate reusable rigid containers for medical waste by a method approved by the enforcement agency each time they are emptied, unless the surfaces of the containers have been completely protected from contamination by disposable liners, bags, or other devices removed with the waste. These containers shall be maintained in a clean and sanitary manner. Approved methods of decontamination include, but are not limited to, agitation to remove visible soil combined with one of the following procedures:

- a. Exposure to hot water of at least 82 degrees Centigrade (180 degrees Fahrenheit) for a minimum of 15 seconds.
b. Exposure to chemical sanitizer by rinsing with, or immersion in, one of the following for a minimum of three minutes:
i. Hypochlorite solution (500 ppm available chlorine).
ii. Phenolic solution (500 ppm active agent).
iii. Iodoform solution (100 ppm available iodine).
iv. Quaternary ammonium solution (400 ppm active agent).

Signature of Business Representative

05/29/2012 DATE SIGNED

EHS SPECIALIST TITLE OF BUSINESS REPRESENTATIVE



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

PERMIT #	211638
DATE	5/29/2012
PAGE	3 OF 5

BUSINESS ADDRESS: 11011 N. Torrey Pines Rd

ZIP CODE: 92037

Within 30 days of this report provide the HMD with statements, documentation, and/or photos which demonstrates that the above violation has been corrected.

Remarks:

Hazardous Waste

- a. Contingency plan and emergency procedures reviewed
- b. Reviewed employee training program
- c. There is not a hazardous waste storage area. All containers satellite containers.
- d. Hazardous waste manifests reviewed
- e. Land disposal restriction records reviewed
- f. Universal waste records available

Hazardous Materials

- g. An updated site map was received this day to include a sudden release (SR) symbol for a compressed gas cylinder onsite as well as to show hallway access near room 160.
- h. Chemical inventory reviewed
- i. One emergency contact updated today
- j. Annual carcinogen was reviewed

Medical Waste

- k. I observed 4 sharps containers not labeled with the generator name, address and phone number on the containers. These minor violations were corrected during the inspection.
- l. I observed 2 rigid medical waste containers without a biohazard word and symbol on the lid and sides. These minor violations were corrected during the inspection.
- m. Medical waste tracking documents reviewed

Written documentation of corrective actions with supporting attachments shall be provided to HMD within the time periods prescribed in this Notice to Comply. This can be accomplished by completing and submitting the enclosed corrective action form with supporting attachments to the Hazardous Materials Division.

QUESTIONS and/or CORRESPONDENCE regarding this report should be directed to:

Keith Waara, Environmental Health Specialist III
 Department of Environmental Health
 Hazardous Materials Division MS O564
 PO Box 129261 PHONE: (619) 847-4525
 San Diego, CA 92112-9261 FAX: (858) 694-3705
Keith.Waara@sdcounty.ca.gov

Enclosures:

- Copy of digital photo taken on 5/29/2012

(Signature) 05/30/2012 EHS Specialist
 SIGNATURE OF BUSINESS REPRESENTATIVE DATE SIGNED TITLE OF BUSINESS REPRESENTATIVE
 HM-9110-E (11/08) White: HMD Yellow: Business retains DEH-Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT Small and Large Quantity Generators of Hazardous Waste Handlers of Hazardous Materials

PERMIT # 211638
DATE 5/29/12
PAGE 4 OF 5

FACILITY ADDRESS: 11011 N. Torrey Pines Rd La Jolla ZIP: 92037

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19, 22 & 27 of the California Code of Regulations (CCR), Chapters 6.5, 6.67 & 6.95 of the Health and Safety Code, and/or the San Diego County Code (SDCC) Small Quantity Hazardous Waste Generator=(SQG); Large Hazardous Waste Quantity Generator=(LQG); Code 40 of Federal Regulations=(CFR) All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Your Specialist can provide this form. Please call (858) 505-6880 or your Specialist if you have any questions.

HAZARDOUS MATERIALS REQUIREMENTS

Viol #	V	VIOLATION DESCRIPTION
<input type="checkbox"/>	<input type="checkbox"/>	1001 UPF permit not obtained for hazardous materials. SDCC 68.905
<input type="checkbox"/>	<input type="checkbox"/>	1002 Hazardous Materials Business Plan (HMBP) not established/implemented. 25503.5(a)
<input type="checkbox"/>	<input type="checkbox"/>	1004 HMBP not submitted to the CUPA. 25505(a)
<input type="checkbox"/>	<input type="checkbox"/>	1005 Emergency contact not provided or current. 25509(a)(7)
<input type="checkbox"/>	<input type="checkbox"/>	1007 Highly toxic gas (TLV≤10 ppm) not disclosed. 68.1113(b)
<input type="checkbox"/>	<input type="checkbox"/>	1008 Did not submit annual carcinogen/reproductive toxin list. 68.1113(c)
<input type="checkbox"/>	<input type="checkbox"/>	1009 Site map is not sufficient or complete. 25509(a)(5) & 25505(a)(2)
<input type="checkbox"/>	<input type="checkbox"/>	1010 Did not report release or threatened release. 25507(a), 19 CCR 2703
<input type="checkbox"/>	<input type="checkbox"/>	1012 SPCC Plan not prepared. 25270.3 & 25270.4.5(a)
<input type="checkbox"/>	<input type="checkbox"/>	1013 Copy of HMBP not onsite for inspector's review. 25505(e)
<input type="checkbox"/>	<input type="checkbox"/>	1014 HMBP is incomplete/inadequate/not amended to reflect changes. 25504, 25505(a)(2) &/or 25509(a); 25505(b); 19 CCR 2729
<input type="checkbox"/>	<input type="checkbox"/>	1015 Did not have adequate employee training program 2732 &/or 25504(c)
<input type="checkbox"/>	<input type="checkbox"/>	1016 Failed to have an adequate emergency response plan 25504(b); 2731
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1017 Business Plan not certified annually. 25505(d) & (e)(2)
<input type="checkbox"/>	<input type="checkbox"/>	1018 Inventory not amended for 100% increase of hazardous material onsite or inventory is incomplete. 25509, 25510
<input type="checkbox"/>	<input type="checkbox"/>	1019 SPCC Plan amendment not prepared within 6 months of change. 25270.4.5(a) [ref. CFR 112.1(b) & CFR 112.5]
<input type="checkbox"/>	<input type="checkbox"/>	Failed to submit Unified Program Consolidated Form(s) to the CUPA for regulated activity or change of information. 27 CCR 15400.1(b) &/or SDCC 68.906; 68.909; &/or 68.908.2
<input type="checkbox"/>	<input type="checkbox"/>	1020

HAZWASTE REQUIREMENTS FOR LOGs & SOGs

Viol #	V	VIOLATION DESCRIPTION
<input type="checkbox"/>	<input type="checkbox"/>	0214 Used oil intentionally contaminated with HW. 25250.7(a)
<input type="checkbox"/>	<input type="checkbox"/>	0215 Used oil filters improperly managed. 66266.130
<input type="checkbox"/>	<input type="checkbox"/>	0216 Failed to label hazardous materials within 10 days or less. 25124(b)(3)(A) & 66262.34(f)
<input type="checkbox"/>	<input type="checkbox"/>	0217 Failed to repackage damaged/deteriorated hazardous material container within 96 hours. 25124(b)(3)(B) & 66262.34(f)
<input type="checkbox"/>	<input type="checkbox"/>	0218 Failed to label &/or close drained <input type="checkbox"/> used oil filters &/or <input type="checkbox"/> used fuel filters. 25250.22 & 66266.130(c)(3)
<input type="checkbox"/>	<input type="checkbox"/>	0219 Failed to properly segregate used oil &/or fuel drained from filters. 66266.130(c)(6) or 25250.22(b)(4)
<input type="checkbox"/>	<input type="checkbox"/>	0220 Spent lead acid batteries not properly managed. 66266.81
<input type="checkbox"/>	<input type="checkbox"/>	0221 Failed to comply with satellite regulations. 66262.34(e)
<input type="checkbox"/>	<input type="checkbox"/>	0222 Failed to properly label ERM. 25143.9(a)
<input type="checkbox"/>	<input type="checkbox"/>	0223 Failed to properly manage non-empty container or inner liner removed from a container. 66261.7(b), (d) &/or (r)
<input type="checkbox"/>	<input type="checkbox"/>	0224 Failed to mark date on empty container larger than 5 gallons &/or manage it within one year. 66261.7(e) & (f)
<input type="checkbox"/>	<input type="checkbox"/>	0237 Failed to properly dispose of UW within one year. 66273.35(a) &/or (b)
<input type="checkbox"/>	<input type="checkbox"/>	0238 Failed to manage UW in a manner to prevent release(s) to the environment. 66273.33 & 66273.33.5
<input type="checkbox"/>	<input type="checkbox"/>	0239 Failed to properly label or mark UW (non-CESQUWG). 66273.34

HAZWASTE REQUIREMENTS FOR LOGs & SOGs RECORDKEEPING

<input type="checkbox"/>	<input type="checkbox"/>	0131 Unified Program Facility (UPF) permit not obtained. SDCC 68.905
<input type="checkbox"/>	<input type="checkbox"/>	0132 Failed to obtain & maintain a valid EPA ID Number. 66262.12(a)
<input type="checkbox"/>	<input type="checkbox"/>	0133 Failed to send manifest copy to DTSC. 66262.23(a)(4)
<input type="checkbox"/>	<input type="checkbox"/>	0134 Failed to file Exception Report with DTSC. 66262.42
<input type="checkbox"/>	<input type="checkbox"/>	0135 Failed to keep hazardous waste manifests/receipts for 3 years available for inspection. 66262.40(a) & 25160.2(b)(3), 25185(a)(4)
<input type="checkbox"/>	<input type="checkbox"/>	0136 Did not have records of battery disposal. 66266.81(a)(4)(B)
<input type="checkbox"/>	<input type="checkbox"/>	0137 Failed to complete manifest properly. 66262.23(a)
<input type="checkbox"/>	<input type="checkbox"/>	0138 Manifest signed by the TSDf not available for inspection. 66262.40(a)
<input type="checkbox"/>	<input type="checkbox"/>	0140 Failed to have LDR documentation onsite. 66268.7(a)(8)
<input type="checkbox"/>	<input type="checkbox"/>	0141 Failed to obtain approval for TSDf. 25201(a)
<input type="checkbox"/>	<input type="checkbox"/>	0142 Failed to notify CUPA for eligible onsite treatment. 25201(a)
<input type="checkbox"/>	<input type="checkbox"/>	0145 ERM reporting not submitted biennially &/or available. 25143.10
<input type="checkbox"/>	<input type="checkbox"/>	0146 Failed to have adequate records demonstrating claim of exemption for Excluded Recyclable Material (ERM). 25143.2(f) & 66261.2(g)
<input type="checkbox"/>	<input type="checkbox"/>	0147 Failed to keep records of offsite universal waste (UW) shipment(s) available for inspection for 3 years. 66273.39(c) & (d)(2); 25185(a)(4)
<input type="checkbox"/>	<input type="checkbox"/>	0148 Failed to keep copies of analytical results, waste analysis records, or waste determination results. (3 years) 66262.40(c)
<input type="checkbox"/>	<input type="checkbox"/>	0149 Failed to keep disposal receipts (3 years) for drained used oil filters &/or drained fuel filters. 25250.22 & 66266.130(c)(5)

DISPOSAL AND TRANSPORTATION

<input type="checkbox"/>	<input type="checkbox"/>	0301 Unauthorized disposal of hazardous waste. 25189.5(a) or 25189(c) or (d) or 25189.2(c)
<input type="checkbox"/>	<input type="checkbox"/>	0302 Unlawful transportation of hazardous waste (HW). 25163(a)
<input type="checkbox"/>	<input type="checkbox"/>	0303 Did not use HW manifest for disposal. 66262.20(a); 25160(b)(1) or (2), 25160.2(b)(9)
<input type="checkbox"/>	<input type="checkbox"/>	0304 Failed to make a proper waste determination. 66262.11 & 66260.200(c)
<input type="checkbox"/>	<input type="checkbox"/>	0305 Disposed of used oil illegally. 25250.5(a) & 25189.5(a) or 25189(c) or (d) or 25189.2(c)
<input type="checkbox"/>	<input type="checkbox"/>	0306 Disposed of latex paint illegally. 25217.1
<input type="checkbox"/>	<input type="checkbox"/>	0307 Disposed of UW to an unauthorized point. 25189.5(a) or 25189(c) or (d) or 25189.2(c); 66273.31(a)
<input type="checkbox"/>	<input type="checkbox"/>	0308 Impermissible dilution of hazardous waste. 66268.3(a)

HAZWASTE REQUIREMENTS FOR SOGs ONLY STORAGE AND HANDLING Pursuant to 66262.34(d)

<input type="checkbox"/>	<input type="checkbox"/>	0225 Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e) & (f), &/or 25201(a) [>90 days for an AIIW waste]
<input type="checkbox"/>	<input type="checkbox"/>	0226 Did not accumulate waste in container or tank. 66262.34(d)(2)
<input type="checkbox"/>	<input type="checkbox"/>	0227 Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
<input type="checkbox"/>	<input type="checkbox"/>	0228 Failed to keep container closed. CFR 265.173
<input type="checkbox"/>	<input type="checkbox"/>	0229 Failed to conduct weekly inspections. CFR 265.174
<input type="checkbox"/>	<input type="checkbox"/>	0230 Failed to maintain aisle space. CFR 265.35
<input type="checkbox"/>	<input type="checkbox"/>	0231 Failed to properly separate incompatible wastes. CFR 265.177
<input type="checkbox"/>	<input type="checkbox"/>	0232 Waste accumulated in a container in poor condition. CFR 265.171
<input type="checkbox"/>	<input type="checkbox"/>	0233 Failed to use a lined/compatible container. CFR 265.172
<input type="checkbox"/>	<input type="checkbox"/>	0234 Did not maintain &/or operate facility to prevent release or fire. CFR 265.31

TRAINING, CONTINGENCY PLAN & ER PROCEDURES Pursuant to 66262.34(d)(2)

<input type="checkbox"/>	<input type="checkbox"/>	0407 Employee training program not adequate. CFR 262.34(d)(5)(iii)
<input type="checkbox"/>	<input type="checkbox"/>	0408 Failed to post ER plan by phone. CFR 262.34(d)(5)(ii)
<input type="checkbox"/>	<input type="checkbox"/>	0409 Spill/fire control equip not available. CFR 265.32(c)
<input type="checkbox"/>	<input type="checkbox"/>	0410 Failed to equip facility with internal communication or alarm. CFR 265.32(a) & (b)
<input type="checkbox"/>	<input type="checkbox"/>	0411 Failed to carry out contingency plan during an emergency. CFR 262.34(d)(5)(iv)
<input type="checkbox"/>	<input type="checkbox"/>	0412 Failed to have an emergency coordinator on call or available during emergency. CFR 262.34(d)(5)(i)

HAZARDOUS WASTE TANK SYSTEMS Pursuant to 66262.34(d)(2)

<input type="checkbox"/>	<input type="checkbox"/>	1612 Hazardous waste improperly stored in a tank system causing <input type="checkbox"/> leaks, <input type="checkbox"/> corrosion, or <input type="checkbox"/> failure. CFR 265.201(b)(2)
<input type="checkbox"/>	<input type="checkbox"/>	1613 Failed to comply with tank standards which include: two (2) feet of freeboard (where applicable), shut off for waste feed line, and daily and weekly inspections. CFR 265.201(b) & (c)
<input type="checkbox"/>	<input type="checkbox"/>	1614 Failed to properly complete &/or document closure for a hazardous waste tank. CFR 265.201(d) & 67383.3
<input type="checkbox"/>	<input type="checkbox"/>	1615 Failed to safely accumulate ignitable or reactive waste in a tank. CFR 265.201(e)
<input type="checkbox"/>	<input type="checkbox"/>	1616 Failed to safely manage incompatible waste in a tank. CFR 265.201(f)

SIGNATURE OF FACILITY REPRESENTATIVE
HM-923 (05/11) NCR

05/30/2012
DATE SIGNED
DEH-Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261

TITLE OF FACILITY REPRESENTATIVE



COUNTY OF SAN DIEGO
COMPLIANCE INSPECTION REPORT
MEDICAL WASTE GENERATORS

PERMIT # 211638
 DATE 5/29/12
 PAGE 5 OF 5

FACILITY ADDRESS: 11011 N. Torrey Pines Rd La Jolla ZIP: 92037

VIOLATION REPORT: The items checked below refer to specific section numbers of the California Health and Safety Code Sections 25100 and 117600 et. al.; the San Diego County Code of Regulatory Ordinances Sections 68.1201 et. al.; and the California Code of Regulations, Title 22 Sections 65600 et. al.. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Your Specialist can provide these forms. Please call (858) 505-6880 or your Specialist if you have any questions.

STORAGE AND LABELING

Viol #	V	VIOLATION DESCRIPTION
	<input type="checkbox"/>	4201 UPF Permit not obtained. 117705, 68.905
	<input type="checkbox"/>	4202 Medical waste (MW) not separated from other waste at the point of origin. 118275
	<input type="checkbox"/>	4203 Enclosure or designated accumulation area for MW containers not secured. 118307, 118310
	<input type="checkbox"/>	4204 MW designated accumulation area not posted with an approved, legible biohazardous waste "warning sign" in English & Spanish which can be read from 25 ft. 118310
	<input type="checkbox"/>	4205 Medical SOLID WASTE not secured to deny access to unauthorized persons. 68.1211
	<input type="checkbox"/>	4206 Spill of MW not properly cleaned up. 118300
	<input type="checkbox"/>	4207 Sharps not stored in approved and properly marked sharps container. 118285(a) & (d)
	<input type="checkbox"/>	4208 Full sharps container not taped closed or tightly-lidded to preclude loss of contents. 118285(b)
	<input type="checkbox"/>	4209 Primary containers accumulating MW not labeled with generator's name, address, and phone number. 68.1205
<u>2</u>	<input checked="" type="checkbox"/>	4210 Medical waste not stored in approved and properly marked red bags. 118275
	<input type="checkbox"/>	4211 Red bags not tied off to prevent leakage/expulsion of contents during handling and storage. 118280(a)
<u>3</u>	<input checked="" type="checkbox"/>	4212 Red bags not containerized in rigid, leak resistant, and covered containers or bins. 118280(b)
	<input type="checkbox"/>	4213 Waste container/bin not labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD" on the lid and sides. 118280(b)
<u>4</u>	<input checked="" type="checkbox"/>	4214 Reusable containers/bins for MW storage not kept clean/sanitary. 118295, 118305
	<input type="checkbox"/>	4215 Frozen (0°C/32°F) MW stored >90 days. 118280(d)(2)
	<input type="checkbox"/>	4306 Full sharps container stored >30 days at >0°C. 118285(c)
	<input type="checkbox"/>	4307 Red bag waste stored >7 days at >0°C (for generators of >20lbs/month). 118280(d)(1)(A)
	<input type="checkbox"/>	4308 Red bag waste stored >30 days at >0°C (for generators of <20lbs/month). 118280(d)(1)(B)
	<input type="checkbox"/>	4219 MW interim storage area not marked with warning sign or a biohazard symbol legible from 5 feet. 118307, 118310
	<input type="checkbox"/>	4220 MW interim storage area not properly secured. 118307

TREATMENT AND DISPOSAL

	<input type="checkbox"/>	4251 MW treated by unapproved method/procedure. 118215
	<input type="checkbox"/>	4252 Standardized written operating procedures for steam sterilization not available. 118215(2)(A)
	<input type="checkbox"/>	4253 Recording thermometer not calibrated annually. 118215(2)(B)
	<input type="checkbox"/>	4254 No records of annual thermometer calibration checks onsite for at least the past 3 years. 118215(2)(B)
	<input type="checkbox"/>	4255 Heat-sensitive tape/other approved method not used for each load treated onsite. 118215(2)(C)
	<input type="checkbox"/>	4256 Monthly biological indicator or other approved method not used to confirm proper disinfection. 118215(2)(D)
	<input type="checkbox"/>	4257 Onsite steam sterilization did not reach 121°C/250°F for 30 minutes. 118215(2)(B)
	<input type="checkbox"/>	4258 Treatment records/logs of dates, time, and temperature not available for 3 years. 118215(2)(E)
	<input type="checkbox"/>	4259 Disposal of untreated MW to an unauthorized point. 118340

TRANSPORTATION REQUIREMENTS

Viol #	V	VIOLATION DESCRIPTION
	<input type="checkbox"/>	4260 Transportation of MW without State Hauler Registration or a Limited Quantity Hauler Exemption (LQHE) from HMD. 118025
	<input type="checkbox"/>	4304 No LQHE for "self-hauled" medical waste (<20 pounds of medical waste generated per week). 118025, 118030(a)(1)
	<input type="checkbox"/>	4305 LQHE not renewed annually as required. 118030(b)
	<input type="checkbox"/>	4311 Medical waste tracking documents not in vehicle transporting medical waste. 118040(c)
	<input type="checkbox"/>	4312 Medical waste tracking documents/logs not maintained for 3 years for LQHE. 118040(a)

SMALL QUANTITY GENERATORS ONLY

(<200 pounds of medical waste generated per month)

	<input type="checkbox"/>	4301 Medical Waste Management Plan (MWMP) not submitted to HMD (initial/updates), if onsite treatment. 117935
	<input type="checkbox"/>	4302 Did not maintain and show proof of "onsite" medical waste treatment records for 3 years. 117943, 118215(2)(E)
	<input type="checkbox"/>	4303 Did not retain on file disposal receipts/tracking documents for medical waste shipped offsite for 2 years. 117945(b)
	<input type="checkbox"/>	4309 MWMP or equivalent information not onsite. 117945

LARGE QUANTITY GENERATORS ONLY

(≥ 200 of medical waste generated per month)

	<input type="checkbox"/>	4351 MWMP not submitted to HMD (initial/updates). 117960, 117970
	<input type="checkbox"/>	4352 Records of medical waste treatment not available for 3 years. 117975, 118215(2)(E)
	<input type="checkbox"/>	4353 Did not retain on file disposal receipts/tracking documents for at least 3 years for medical waste shipped offsite. 117975

CHEMOTHERAPY, PATHOLOGY, PHARMACEUTICAL HAZARDOUS & UNIVERSAL WASTES

	<input type="checkbox"/>	4401 Chemo waste not segregated from other MW. 118275(e)
	<input type="checkbox"/>	4402 Chemo waste container not labeled "Chemotherapy Waste" or "CHEMO" on the lid and the sides. 118275(e)
	<input type="checkbox"/>	4403 Illegal disposal of chemo waste. 118340
	<input type="checkbox"/>	4411 Pathology waste not segregated from other MW. 118275(f)
	<input type="checkbox"/>	4412 Pathology waste container not labeled "Pathology Waste" or "PATH" on the lid and the sides. 118275(f)
	<input type="checkbox"/>	4413 Illegal disposal of pathology waste. 118340
	<input type="checkbox"/>	4421 Pharmwaste not segregated from other MW. 118275(g)
	<input type="checkbox"/>	4422 Pharmwaste not labeled "Incineration Only" on the lid and the sides. 118275(g)
	<input type="checkbox"/>	4423 Pharmwaste stored >90 days when container full, or stored longer than one year (maximum allowable time). 118280(e)
	<input type="checkbox"/>	4432 Illegal disposal of pharmwaste. 118340, 118222(b)
	<input type="checkbox"/>	4441 Disposal of photo/hazwaste to an unauthorized point. 25189.5
	<input type="checkbox"/>	0307 Disposal of universal waste (UW) to an unauthorized point. 25189.5(a); 66273.31(a)
	<input type="checkbox"/>	0147 Failed to keep records of offsite universal waste (UW) shipment(s) available for inspection. 66273.39(c) & (d).

LOG MW ONSITE TREATMENT FACILITY

(≥ 200 pounds of medical waste generated per month)

	<input type="checkbox"/>	4501 Onsite MW treatment permit not obtained/renewed. 117950, 118130, 118135, 65620, 65623
	<input type="checkbox"/>	4502 Current copy of the MW treatment permit not available. 65621(f), 65623, 118165, 118180
	<input type="checkbox"/>	4503 Condition(s) of the MW treatment permit violated. 65623

Patricia M...
 SIGNATURE OF FACILITY REPRESENTATIVE

05/30/2012
 DATE SIGNED

EHS Specialist
 TITLE OF FACILITY REPRESENTATIVE

File



COUNTY OF SAN DIEGO CUPA
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6880 FAX (858) 505-6848

ENTERED JUL 20 2012

BUSINESS OWNER/OPERATOR IDENTIFICATION

I. IDENTIFICATION

FACILITY ID #		3	7	0	0	0	2	1	1	6	3	8	BEGINNING DATE	100	ENDING DATE	101		
												May 29, 2012		2012-06-01				
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)													BUSINESS PHONE					
Agilent Technologies													(858) 373-6300					
BUSINESS SITE ADDRESS													BUSINESS FAX					
11011 North Torrey Pines Road													(858) 373-6383					
BUSINESS SITE CITY										104	CA	ZIP CODE		105	COUNTY		108	
La Jolla												92037-			San Diego			
DUN & BRADSTREET												106	PRIMARY SIC		107	PRIMARY NAICS		107a
													8731			541711		
BUSINESS MAILING ADDRESS																		
same as above																		
BUSINESS MAILING CITY										108b	STATE		108c	ZIP CODE			108d	
same as above																		
BUSINESS OPERATOR NAME													BUSINESS OPERATOR PHONE					
Agilent Technologies													(408) 345-8886					

II. BUSINESS OWNER

OWNER NAME													111		OWNER PHONE		112
Agilent Technologies															(408) 345-8886		
OWNER MAILING ADDRESS																	
5301 Stevens Creek Blvd.																	
CITY										114	STATE		115	ZIP CODE			116
Santa Clara											CA			95051-			

III. ENVIRONMENTAL CONTACT

CONTACT NAME													117		CONTACT PHONE		118	
Daniel Mac Neil															(858) 373-6420			
CONTACT MAILING ADDRESS													119		CONTACT EMAIL *			119a
11011 North Torrey Pines Road																		
CITY										120	STATE		121	ZIP CODE			122	
La Jolla											CA			92037				

-PRIMARY-

IV. EMERGENCY CONTACTS

-SECONDARY-

NAME										123		NAME										128	
Daniel Mac Neil												Dusty Mason											
TITLE										124		TITLE										129	
EHS Specialist												Lab Manager											
BUSINESS PHONE										125		BUSINESS PHONE										130	
(858) 373-6420 x												(858) 373-6410											
24-HOUR PHONE*										126		24-HOUR PHONE*										131	
										127												132	

ADDITIONAL LOCALLY COLLECTED INFORMATION:

E-MAIL: *	E-MAIL: *
-----------	-----------

*This information will remain confidential.

ALWAYS SUBMIT A COPY OF THIS COMPLETED PAGE WITH SUBMITTAL OF ANY OTHER UNIFIED PROGRAM CONSOLIDATED FORM.

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE										DATE		134		NAME OF DOCUMENT PREPARER			135	
<i>Daniel R. Mac Neil</i>										2012-05-29				Daniel Mac Neil				
NAME OF SIGNER (print)										136		TITLE OF SIGNER		137				
Daniel R. Mac Neil												Ehs Specialist						

5/31/2012

211638

Agilent Technologies 11011 N. Torrey Pines Rd La Jolla, 92037 Permit #211638
Photo taken by Keith Waara on 5/29/12



Medical Waste Designated Accumulation Area room 183 – Medical waste not contained in a red bag. Reusable container/bin not kept clean and sanitary.



**COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH-CUPA
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6880 FAX (858) 505-6848**

HAZARDOUS MATERIALS BUSINESS PLAN CERTIFICATION

The California Health & Safety Code (H&SC), Division 20, Chapter 6.95, Section 25505 provides for the following:

The County of San Diego, Department of Environmental Health, Hazardous Materials Division (HMD), as the administering agency, requires a business that handles hazardous materials to submit the hazardous materials inventory, a list of emergency contacts, and a site plan, in lieu of a complete Hazardous Materials Business Plan (HMBP), only after the initial submittal of a complete HMBP. A complete HMBP includes the items to be submitted to the HMD and an Emergency Response Plan and Employee Training Plan, as established in H&SC Section 25504. The business must annually certify that a complete HMBP has been prepared, is current and is maintained at the site where the hazardous materials are stored. See *Back* for instructions and further clarification

I. IDENTIFICATION

FACILITY ID#	3	7	0	0	0	2	1	1	6	3	8	'
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)	Agilent Technologies											
BUSINESS SITE ADDRESS	11011 North Torrey Pines Road											
CITY	104	CA	ZIP CODE	105								
La Jolla			92037									

II. CERTIFICATION STATEMENT

CARCINOGEN/REPRODUCTIVE TOXIN ANNUAL RENEWAL WITHOUT CHANGES: This is an annual renewal to certify that the list of carcinogens and/or reproductive toxins last provided is a current list as specified in the San Diego County Code of Regulatory Ordinances Section 68.1113.

Check only ONE of the following boxes:

INITIAL CERTIFICATION: This is to certify (H&SC Section 25505(e)(1)) that a complete HMBP, which includes the hazardous materials inventory, a list of emergency contacts, a site plan, emergency response plan, and employee training plan, has been prepared and is maintained at the site where the hazardous materials are stored.

ANNUAL CERTIFICATION WITHOUT CHANGES: This is an annual certification (H&SC Section 25505(d) & (e)(2)) that the HMBP, which includes the hazardous materials inventory, a list of emergency contacts, a site plan, emergency response plan, and employee training plan, is current and includes all the information required in H&SC Section 25504, and 25509, and is maintained at the site where the hazardous materials are stored.

CERTIFICATION OF CHANGES/REVISIONS: This is to certify that the HMBP has been reviewed (H&SC Section 25505(c) & 25510) and all necessary changes/revisions have been made. The HMBP is current and is maintained at the site where the hazardous materials are stored. Attached are changes to the hazardous materials inventory and/or list of emergency contacts. For site map revisions, submit only the pages that have a change or revision and attach to this certification. This submittal satisfies annual certification requirements specified in H&SC Section 25505(d) & (e)(2).

As an Authorized Representative, I certify, under the penalty of law, that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete. By checking any of the boxes above I also certify that: a) The information contained in the hazardous materials inventory most recently submitted to the CUPA or Administering Agency is complete, accurate, and up to date; b) There has been no change in the quantity of hazardous materials reported in the most recently submitted inventory; and c) All hazardous materials subject to inventory requirements are listed on the most recently submitted inventory.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE
	5/29/2012
NAME OF SIGNER (print)	TITLE OF SIGNER
Daniel R. Mac Neil	EHS Specialist

O F F I C E	INSTRUCTIONS TO CLERICAL STAFF FOR HMBP ACCEPTANCE	<input checked="" type="checkbox"/> Site Map	5/30/12	*Note: Indicate the date that the inventory and/or ER contact information in the KIVA database was reviewed and changes were submitted for processing. If the inventory and ER contact information are exactly the same as it is recorded in KIVA, no changes need to be submitted.
		<input checked="" type="checkbox"/> *Emergency Contacts	5/30/12	
		<input type="checkbox"/> *Chemical Inventory	/ /	
Hazardous Materials Business Plan acceptance date will be changed to the acceptance date on new site map.				
U S E	HIRT SITE <input type="checkbox"/> **	Specialist's Signature: (only required for new plans or for changes to site maps, chemical inventory and/or emergency contacts)		
	FIRE DIST. 20	REMARKS:		

** If HIRT box is checked, follow HIRT policy to indicate on the inventory forms which hazardous materials make this a HIRT site.



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 1 OF 8	DATE 12/2/2013
RECORD ID # DEH2002-HUPFP-211638	
TIME START 9:00am	END 1:30pm
SPECIALIST L. Norton	
INSPECTION CONTACT Dan Mac Neil	
TITLE EHS Specialist	
PHONE 858-373-6300	

FACILITY NAME Agilent Technologies
 ADDRESS 11011 N. Torrey Pines Rd
 CITY/ZIP La Jolla / 92037

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

- NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.
- | | | | | | | | | | |
|-------------------------------------|--------------------------|-------------------------------------|--------------------------|---|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|---|
| Y | N/A | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Unified Program Facility Permit current | Y | N/A | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Permit Expires on: 8/31/2014 |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Hazardous Materials Business Plan available | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Contingency Plan available <input type="checkbox"/> LQG <input checked="" type="checkbox"/> SQG |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Employee Training is adequate | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Employee Training records available |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste disposal records available for review | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Universal waste managed properly |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Emergency contacts current <input type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Waste containers <input checked="" type="checkbox"/> closed <input type="checkbox"/> labeled |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Chemical inventory/map current <input type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Waste containers in good condition |

Consent to inspect granted by: Inspection Contact Other: _____

Notice to Comply

On 12/2/2013 routine inspection was conducted at the above facility with Dan Mac Neil, EHS Specialist. Agilent is a biotechnology company that develops products and technologies for life science research, including DNA and protein purification. The inspection covered the following Certified Unified Program Agency (CUPA) elements: hazardous waste generator, hazardous materials business plan, and medical waste generator. Agilent is a small quantity generator (SQG) of hazardous and medical waste.

During the inspection Mr. Mac Neil was asked for permission to take photos of violations that were observed, and he did not provide consent, stating that only the company's corporate and legal department can grant consent to take photographs and that they do not allow anyone to take photographs inside the facility. Mr. Mac Neil was informed that as per the Health and Safety Code Section 25185, a County inspector has the authority to document violations and take photographs of violations found during an inspection. Eight violations were observed and cited during this inspection, however no photographs were taken as they normally would be during an inspection. During the 5/29/2012 and the 5/11/2010 inspections by County HMD, Mr. Mac Neil gave consent and permission to the County inspector to take photos and samples as per the previous inspection reports; additionally, photographs of the violations cited during those inspections were also taken and a copy provided to the business.

The Hazardous Materials Business Plan (inventory & site map, emergency contacts, emergency response plan, and employee training plan) is required by law to be certified online through the California Environmental Reporting System (CERS). For additional information about hazardous materials business plans and CERS, go to: <http://www.sdcounty.ca.gov/deh/hazmat/hmd-cers-info.html>

PRINTED NAME OF FACILITY REPRESENTATIVE <u>Daniel Mac Neil</u>	DATE SIGNED <u>12, 06, 2013</u>
SIGNATURE OF FACILITY REPRESENTATIVE <u>[Signature]</u>	TITLE OF FACILITY REPRESENTATIVE <u>EHS Specialist</u>
Department of Environmental Health, Hazardous Materials Division, P.O. Box 120261, San Diego, CA 92112-9261 Phone: (858) 505-6880 http://www.sdcdeh.org	



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

RECORD ID # DEH2002-HUPFP-

211638

DATE 12/2/2013

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FACILITY ADDRESS: 11011 N. Torrey Pines Rd

ZIP CODE: 92037

Health and Safety Code Section 25185:

(a) In order to carry out the purposes of this chapter, any authorized representative of the department or the local officer or agency authorized to enforce this chapter pursuant to subdivision (a) of Section 25180, may, at any reasonable hour of the day, or as authorized pursuant to Title 13 (commencing with Section 1822.50) of Part 3 of the Code of Civil Procedure, do any of the following:

(1) Enter and inspect a factory, plant, construction site, disposal site, transfer facility, or any establishment or any other place or environment where hazardous wastes are stored, handled, processed, disposed of, or being treated to recover resources.

(2) Carry out any sampling activities necessary to carry out this chapter, including obtaining samples from any individual or taking samples from the property of any person or from any vehicle in which any authorized representative of the department or the local officer or agency authorized to enforce this chapter pursuant to subdivision (a) of Section 25180 reasonably believes has transported or is transporting hazardous waste. However, upon request, split samples shall be given to the person from whom, or from whose property or vehicle, the samples were obtained.

(3) Stop and inspect any vehicle reasonably suspected of transporting hazardous wastes when accompanied by a uniformed peace officer in a clearly marked vehicle.

(4) Inspect and copy any records, reports, test results, or other information required to carry out this chapter.

(5) Photograph any waste, waste container, waste container label, vehicle, waste treatment process, waste disposal site, or condition constituting a violation of law found during an inspection.

Violations/Observations/Corrective Actions

1. Impeding an inspection by a County inspector HSC 25185

Observations: During the inspection Mr. Mac Neil was asked for permission to take photos of violations that were observed, and he did not provide consent, stating that only the company's corporate and legal department can grant consent to take photographs and that they do not allow anyone to take photographs inside the facility. Mr. Mac Neil was informed that as per the Health and Safety Code Section 25185, a County inspector has the authority to document violations and take photographs of violations found during an inspection (refer to HSC 25185 cited above). Eight violations were observed and cited during this inspection, however no photographs were taken as they normally would be during an inspection. During the 5/29/2012 and the 5/11/2010 inspections by County HMD, Mr. Mac Neil gave consent and permission to the County inspector to take photos and samples as per the previous inspection reports; additionally, photographs of the violations cited during those inspections were also taken and a copy provided to the business.

Corrective Action: In the future during inspections, if the facility operator continues to impede the compliance inspection process, then formal enforcement may occur in accordance with State law. If the operator believes a trade secret or proprietary information requires protection, the procedures of Cal. HSC §25173 and §25185(d) may apply, and the operator must inform the County inspector at the time of the inspection all relevant information to support the belief. A discrete photograph of a waste container/label is normally not a trade secret or proprietary issue. Also, all inspector photos are dutifully submitted to the facility operator in accordance with State law for their file and as a normal component of an inspection report.

Signature of Facility Representative

12 / 06 / 2013

EHS Specialist



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

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FACILITY ADDRESS: 11011 N. Torrey Pines Rd

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Hazardous Materials Violations

2. Did not submit annual carcinogen/reproductive toxin list. SDCC 63.1113(c)

Observations: Mr. Mac Neil stated that the annual carcinogen report was in the process of being updated, but was neither completed nor available for review during the inspection.

Corrective Action: Businesses that handle materials which are a carcinogen and/or reproductive toxin in quantities not subject to the requirements of Chapter 6.95 Health and Safety Code are required to provide a list of each such material handled during the previous year to the HMD. Within 30 days of receiving this report provide the HMD with a current carcinogen or reproductive toxins list. A carcinogen or reproductive toxins, for the purposes of this ordinance, are those listed by Prop 65 pursuant to the California Health and Safety Code Section 25249.8. The Prop 65 list is available on the internet at http://www.oehha.ca.gov/prop65/prop65_list/Newlist.html. Complete the Disclosure of Hazardous Materials Information Bulletin HM-9243 form found on our website at http://www.sdcounty.ca.gov/deh/hazmat/hmd_forms.html and submit to HMD through the California Environmental Reporting System (CERS) (http://cers.calepa.ca.gov/).

3. Site map is not sufficient or complete. HSC 25509(a)(5) & 25505(a)(2)

Observations: After completing the site walkthrough, it was observed that the current site map was not updated and four liquid nitrogen dewars were moved from one room to a different room, however the site map was not updated to reflect this.

Corrective Actions: Within 30 days of receipt of this report, provide HMD with an updated copy of the hazardous materials site map by uploading the map in CERS.

Note: As per an email received from Mr. Mac Neil on 12/5/13, this violation has been corrected prior to the report being issued. No further action required at this time and is pending inspector review and approval in CERS

4. Hazardous Materials Business Plan (HMBP) not certified annually. HSC 25505(d) & (e)(2)

Observations: The business did not recertify the HMBP for 2013.

Be advised: this is a repeat violation that was cited during the 5/29/2012 inspection.

Corrective Actions: The business must certify annually that the HMBP is true, accurate and complete; any updates or changes to the HMBP must be submitted to the HMD through CERS as of January 1, 2013.

Be advised that this facility has not completed or submitted their Hazardous Materials Business Plan and Inventory information in CERS (California Environmental Reporting System http://cers.calepa.ca.gov/). Within 30 days of receiving this report, submit to the County HMD the following information through CERS: Hazardous Materials Business Plan (emergency response plan employee training plan, and facility site map), annual carcinogen report, and the facility's hazardous materials inventory and hazardous waste.

Please refer to the County's webpage for additional CERS information:

http://www.sdcounty.ca.gov/deh/hazmat/hmd-cers-info.html

http://www.sdcounty.ca.gov/deh/hazmat/hmd_forms.html

Note: As per an email received from Mr. Mac Neil on 12/5/13, this violation has been corrected prior to the report being issued. No further action required at this time and is pending inspector review and approval in CERS.

Signature of David MacNeil

12 / 06 / 2013

EHS Specialist



COUNTY OF SAN DIEGO

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211638

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FACILITY ADDRESS: 11011 N. Torrey Pines Rd

ZIP CODE: 92037

5. Inventory not amended for 100% increase of hazardous material onsite or inventory is incomplete. HSC 25509, 25510

Observations: While conducting the facility walk-through I observed (2) approximately 100 gallon propane tanks stored onsite which were not reported to the County HMD in the CERS inventory

Corrective Actions: The reportable quantity for a hazardous material is 55-gallons, 200 cubic feet, and/or 500 lbs. All hazardous wastes, regardless of the amount generated, need to be reported on the permit inventory and in CERS. Within 30 days of receiving this report, revise your hazardous materials inventory and re-submit your CERS inventory to HMD.

Note: As per an email received from Mr. Mac Neil on 12/5/13, this violation has been corrected prior to the report being issued. No further action required at this time and is pending inspector review and approval in CERS.

Medical Waste Violations

6. Red bags, sharps containers, and/or pharmaceutical containers were not labeled with generator's name, address, and phone number. SDCC 68.1205, 68.1206

Observations: Observed all red bags at this facility that were accumulating biohazardous waste were not labeled with the generator's name, address and phone number. As per Mr. Mac Neil, the red bags are not labeled until they are full and ready for disposal. I observed approximately 20 red bags unlabeled at the time of inspection. Additionally, I observed 1 sharps container not labeled on Lab Bench #23.

Note: A photo could not be taken to document this violation because consent was not given by the inspection contact (Mr. Mac Neil).

Corrective Actions: Medical waste must be accumulated, stored and transferred in containers that meet the requirements specified in the California Medical Waste Management Act. Primary containers accumulating medical wastes (e.g. including but not limited to sharps containers, red bags, chemotherapeutic, pharmaceutical and pathology waste containers), with the exception of bench top red bags used to collect non-breakable pipette tips, must be labeled in a manner that will identify the generator by location. A label with the generator's name, address and phone number must be visible on the outside of the red bag. This label must be attached when the container is first used to accumulate or store medical waste. Within 30 days of receiving this report, provide to the HMD documentation that all medical waste at your facility will be managed in either properly marked sharps containers or red bags. Be advised that biohazardous waste must be placed in red biohazard bags labeled with the words "Biohazard" and the biohazard symbol, and also labeled with the generator's name, address and phone number.

Note: As per an email received from Mr. Mac Neil on 12/5/13, this violation has been corrected prior to the report being issued. No further action required.

7. Generator did not store medical waste in approved and properly marked red bags (non-sharps). MWMA 118275

Observations: At Lab Bench #15 I observed one biohazardous waste bin accumulating biohazardous waste which was not contained in a red bag. Note: A photo could not be taken to document this violation because consent was not given by the inspection contact (Mr. Mac Neil).

Corrective Actions: To containerize or store medical waste, a person shall do all of the following:

Handwritten signature of facility representative

12, 06, 2013

EHS Specialist

SIGNATURE OF FACILITY REPRESENTATIVE

DATE SIGNED

TITLE OF FACILITY REPRESENTATIVE

HM-9110-E (08/13)

White: HMD Copy Yellow: Facility Copy

DEH-Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

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FACILITY ADDRESS: 11011 N. Torrey Pines Rd

ZIP CODE: 92037

- a. Medical waste shall be contained separately from other waste at the point of origin in the producing facility.
b. Biohazardous waste shall be placed in a red biohazard bag conspicuously labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD."
c. The red bag must be labeled with the generator's name, address and phone number.

Corrective Action: Within 30 days of receipt of this report, provide HMD with statements, photos and/or documentation that demonstrate that this violation has been corrected. Ensure that that all medical waste at your facility will be managed in either properly marked sharps containers or red bags.

Be advised: this is a repeat violation that was cited during the 5/29/2012 inspection.

Note: As per an email received from Mr. Mac Neil on 12/5/13, this violation has been corrected prior to the report being issued. No further action required

8. Waste container/bin not labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD" on the lid and sides. MWMA 118280(b)

Observations: On Lab Bench #20, I observed (1) biohazard container that was missing the biohazard symbol on the lid and all sides. Only one side of the container had a biohazard label. Also, in the BSL2 Lab I observed (2) biohazard containers that were missing the biohazard symbol on the lids of the containers.

Note: A photo could not be taken to document this violation because consent was not given by the inspection contact (Mr. Mac Neil).

Be advised: this is a repeat violation that was cited during the 5/11/2010 inspection

Corrective Actions: Label the above reference containers/bins properly. Containers must be labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD" on the lid and on the sides so as to be visible from any lateral direction. Within 30 days of receiving this report, provide HMD with documents or photos showing that this violation has been corrected.

Note: As per an email received from Mr. Mac Neil on 12/5/13, this violation has been corrected prior to the report being issued. No further action required.

Remarks

Hazardous Waste

- a. Under Chemical Lab Hood #6, I observed (1) bottle of ethidium bromide in a container with a hazardous waste label on it. The accumulation start date on the label was 5/2010, which has exceeded the 1 year storage limits for satellite accumulation containers. When questioned about the date on the waste bottle, Mr. Mac Neil stated that the bottle was not a waste, and that it was a good product that they were still using. Mr. Mac Neil could not explain why there was a hazardous waste label on the bottle and proceeded to remove the hazardous waste label. Note: A photo could not be taken to document this incident because consent was not given by the inspection contact (Mr. Mac Neil).
b. Emergency plan and emergency procedures reviewed
c. Reviewed employee training program
d. There is not a hazardous waste storage area. All containers satellite containers.
e. Hazardous waste manifests reviewed
f. Land disposal restriction records reviewed

Signature of facility representative

12 / 06 / 2013

EHS Specialist

SIGNATURE OF FACILITY REPRESENTATIVE DATE SIGNED TITLE OF FACILITY REPRESENTATIVE

HM-9110-E (08/13) White: HMD Copy Yellow: Facility Copy DEH-Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

RECORD ID # DEH2002-HUPFP-211638
DATE 12/2/2013 6098

FACILITY ADDRESS: 11011 N. Torrey Pines Rd

ZIP CODE: 92037

g. Universal waste records available

Hazardous Materials

h. Chemical inventory reviewed

Medical Waste

i. Medical waste tracking documents reviewed

Written documentation of corrective actions with supporting attachments shall be provided to HMD within the time periods prescribed in this Notice to Comply. This can be accomplished by completing and submitting the enclosed corrective action form with supporting attachments to the Hazardous Materials Division.

QUESTIONS and/or CORRESPONDENCE regarding this report should be directed to:

Louise Norton, Environmental Health Specialist III
Department of Environmental Health
Hazardous Materials Division MS O564
PO Box 129261 PHONE: (858) 518-7218
San Diego, CA 92112-9261 FAX: (858) 505-6786
Or email your documentation to: Louise.Norton@sdcounty.ca.gov

Handwritten signature of David M...

SIGNATURE OF FACILITY REPRESENTATIVE

HM-9110-E (08/13) White: HMD Copy Yellow: Facility Copy

12 / 06 / 2013

DATE SIGNED

EHS Specialist

TITLE OF FACILITY REPRESENTATIVE

DEH-Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT
Small and Large Quantity Generators of Hazardous Waste
Handlers of Hazardous Materials

PERMIT # 211638
DATE 12/2/13
PAGE 7 OF 8

FACILITY ADDRESS: 11011 N. Torrey Pines Rd ZIP: 92037

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19, 22 & 27 of the California Code of Regulations (CCR), Chapters 6.5, 6.67 & 6.95 of the Health and Safety Code, and/or the San Diego County Code (SDCC), Small Quantity Hazardous Waste Generator=(SQG), Large Hazardous Waste Quantity Generator=(LQG); Code 40 of Federal Regulations=(CFR). All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Your Specialist can provide this form. Please call (858) 505-6880 or your Specialist if you have any questions.

HAZARDOUS MATERIALS REQUIREMENTS

Table with columns: Viol #, V, VIOLATION DESCRIPTION. Contains violations 1001 through 1020, with 1008, 1009, 1017, and 1018 checked.

HAZWASTE REQUIREMENTS FOR LOGs & SOGs

Table with columns: Viol #, V, VIOLATION DESCRIPTION. Contains violations 0214 through 0239, with 0214, 0215, 0216, 0217, 0218, 0219, 0220, 0221, 0222, 0223, 0224, 0237, 0238, and 0239 checked.

HAZWASTE REQUIREMENTS FOR SOGs ONLY

Table with columns: Viol #, V, VIOLATION DESCRIPTION. Contains violations 0225 through 0234, with 0225, 0226, 0227, 0228, 0229, 0230, 0231, 0232, 0233, and 0234 checked.

HAZWASTE REQUIREMENTS FOR LOGs & SOGs RECORDKEEPING

Table with columns: Viol #, V, VIOLATION DESCRIPTION. Contains violations 0131 through 0149, with 0131, 0132, 0133, 0134, 0135, 0136, 0137, 0138, 0140, 0141, 0142, 0145, 0146, 0147, 0148, and 0149 checked.

TRAINING, CONTINGENCY PLAN & ER PROCEDURES

Table with columns: Viol #, V, VIOLATION DESCRIPTION. Contains violations 0407 through 0412, with 0407, 0408, 0409, 0410, 0411, and 0412 checked.

DISPOSAL AND TRANSPORTATION

Table with columns: Viol #, V, VIOLATION DESCRIPTION. Contains violations 0301 through 0308, with 0301, 0302, 0303, 0304, 0305, 0306, 0307, and 0308 checked.

HAZARDOUS WASTE TANK SYSTEMS Pursuant to 66262.34(d)(2)

Table with columns: Viol #, V, VIOLATION DESCRIPTION. Contains violations 1612 through 1616, with 1612, 1613, 1614, 1615, and 1616 checked.

Signature of Facility Representative

DATE SIGNED 12/02/2013

TITLE OF FACILITY REPRESENTATIVE EHS Specialist



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT MEDICAL WASTE GENERATORS

PERMIT # 211638DATE 12/2/13PAGE 8 OF 8FACILITY ADDRESS: 11011 N. Torrey Pines Rd ZIP: 92037

VIOLATION REPORT: The items checked below refer to specific section numbers of the California Health and Safety Code Sections 25100 and 117600 et. al.; the San Diego County Code of Regulatory Ordinances Sections 68.1201 et. al.; and the California Code of Regulations, Title 22 Sections 65600 et. al. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Your Specialist can provide these forms. Please call (858) 505-6880 or your Specialist if you have any questions.

STORAGE AND LABELING

Viol #	V	VIOLATION DESCRIPTION
	<input type="checkbox"/>	4201 UPF Permit not obtained. 117705, 68.905
	<input type="checkbox"/>	4202 Medical waste (MW) not separated from other waste at the point of origin. 118275
	<input type="checkbox"/>	4203 Enclosure or designated accumulation area for MW containers not secured. 118307, 118310
	<input type="checkbox"/>	4204 MW designated accumulation area not posted with an approved, legible biohazardous waste "warning sign" in English & Spanish which can be read from 25 ft. 118310
	<input type="checkbox"/>	4205 Medical SOLID WASTE not secured to deny access to unauthorized persons. 68.1211
	<input type="checkbox"/>	4206 Spill of MW not properly cleaned up. 118300
	<input type="checkbox"/>	4207 Sharps not stored in approved and properly marked sharps container. 118285(a) & (d)
	<input checked="" type="checkbox"/>	4208 Full sharps container not taped closed or tightly-lidded to preclude loss of contents. 118285(b)
6	<input checked="" type="checkbox"/>	4209 Primary containers accumulating MW not labeled with generator's name, address, and phone number. 68.1205
7	<input checked="" type="checkbox"/>	4210 Medical waste not stored in approved and properly marked red bags. 118275
	<input type="checkbox"/>	4211 Red bags not tied off to prevent leakage/expulsion of contents during handling and storage. 118280(a)
	<input type="checkbox"/>	4212 Red bags not containerized in rigid, leak resistant, and covered containers or bins. 118280(b)
8	<input checked="" type="checkbox"/>	4213 Waste container/bin not labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD" on the lid and sides. 118280(b)
	<input type="checkbox"/>	4214 Reusable containers/bins for MW storage not kept clean/sanitary. 118295, 118305
	<input type="checkbox"/>	4215 Frozen (0°C/32°F) MW stored >90 days. 118280(d)(2)
	<input type="checkbox"/>	4306 Full sharps container stored >30 days at >0°C. 118285(c)
	<input type="checkbox"/>	4307 Red bag waste stored >7 days at >0°C (for generators of >20lbs/month). 118280(d)(1)(A)
	<input type="checkbox"/>	4308 Red bag waste stored >30 days at >0°C (for generators of <20lbs/month). 118280(d)(1)(B)
	<input type="checkbox"/>	4219 MW interim storage area not marked with warning sign or a biohazard symbol legible from 5 feet. 118307, 118310
	<input type="checkbox"/>	4220 MW interim storage area not properly secured. 118307

TREATMENT AND DISPOSAL

	<input type="checkbox"/>	4251 MW treated by unapproved method/procedure. 118215
	<input type="checkbox"/>	4252 Standardized written operating procedures for steam sterilization not available. 118215(2)(A)
	<input type="checkbox"/>	4253 Recording thermometer not calibrated annually. 118215(2)(B)
	<input type="checkbox"/>	4254 No records of annual thermometer calibration checks onsite for at least the past 3 years. 118215(2)(B)
	<input type="checkbox"/>	4255 Heat-sensitive tape/other approved method not used for each load treated onsite. 118215(2)(C)
	<input type="checkbox"/>	4256 Monthly biological indicator or other approved method not used to confirm proper disinfection. 118215(2)(D)
	<input type="checkbox"/>	4257 Onsite steam sterilization did not reach 121°C/250°F for 30 minutes. 118215(2)(B)
	<input type="checkbox"/>	4258 Treatment records/logs of dates, time, and temperature not available for 3 years. 118215(2)(E)
	<input type="checkbox"/>	4259 Disposal of untreated MW to an unauthorized point. 118340

TRANSPORTATION REQUIREMENTS

Viol #	V	VIOLATION DESCRIPTION
	<input type="checkbox"/>	4260 Transportation of MW without State Hauler Registration or a Limited Quantity Hauler Exemption (LQHE) from HMD. 118025
	<input type="checkbox"/>	4304 No LQHE for "self-hauled" medical waste (<20 pounds of medical waste generated per week). 118025, 118030(a)(1)
	<input type="checkbox"/>	4305 LQHE not renewed annually as required. 118030(b)
	<input type="checkbox"/>	4311 Medical waste tracking documents not in vehicle transporting medical waste. 118040(c)
	<input type="checkbox"/>	4312 Medical waste tracking documents/logs not maintained for 3 years for LQHE. 118040(a)

SMALL QUANTITY GENERATORS ONLY

(<200 pounds of medical waste generated per month)

	<input type="checkbox"/>	4301 Medical Waste Management Plan (MWMP) not submitted to HMD (initial/updates), if onsite treatment. 117935
	<input type="checkbox"/>	4302 Did not maintain and show proof of "onsite" medical waste treatment records for 3 years. 117943, 118215(2)(E)
	<input type="checkbox"/>	4303 Did not retain on file disposal receipts/tracking documents for medical waste shipped offsite for 2 years. 117945(b)
	<input type="checkbox"/>	4309 MWMP or equivalent information not onsite. 117945

LARGE QUANTITY GENERATORS ONLY

(≥ 200 of medical waste generated per month)

	<input type="checkbox"/>	4351 MWMP not submitted to HMD (initial/updates). 117960, 117970
	<input type="checkbox"/>	4352 Records of medical waste treatment not available for 3 years. 117975, 118215(2)(E)
	<input type="checkbox"/>	4353 Did not retain on file disposal receipts/tracking documents for at least 3 years for medical waste shipped offsite. 117975

CHEMOTHERAPY, PATHOLOGY, PHARMACEUTICAL HAZARDOUS & UNIVERSAL WASTES

	<input type="checkbox"/>	4401 Chemo waste not segregated from other MW. 118275(e)
	<input type="checkbox"/>	4402 Chemo waste container not labeled "Chemotherapy Waste" or "CHEMO" on the lid and the sides. 118275(e)
	<input type="checkbox"/>	4403 Illegal disposal of chemo waste. 118340
	<input type="checkbox"/>	4411 Pathology waste not segregated from other MW. 118275(f)
	<input type="checkbox"/>	4412 Pathology waste container not labeled "Pathology Waste" or "PATH" on the lid and the sides. 118275(f)
	<input type="checkbox"/>	4413 Illegal disposal of pathology waste. 118340
	<input type="checkbox"/>	4421 Pharmwaste not segregated from other MW. 118275(g)
	<input type="checkbox"/>	4422 Pharmwaste not labeled "Incineration Only" on the lid and the sides. 118275(g)
	<input type="checkbox"/>	4423 Pharmwaste stored >90 days when container full, or stored longer than one year (maximum allowable time). 118280(e)
	<input type="checkbox"/>	4432 Illegal disposal of pharmwaste. 118340, 118222(b)
	<input type="checkbox"/>	4441 Disposal of photo/hazwaste to an unauthorized point. 25189.5
	<input type="checkbox"/>	0307 Disposal of universal waste (UW) to an unauthorized point. 25189.5(a); 66273.31(a)
	<input type="checkbox"/>	0147 Failed to keep records of offsite universal waste (UW) shipment(s) available for inspection. 66273.39(c) & (d).

LOG MW ONSITE TREATMENT FACILITY

(≥ 200 pounds of medical waste generated per month)

	<input type="checkbox"/>	4501 Onsite MW treatment permit not obtained/renewed. 117950, 118130, 118135, 65620, 65623
	<input type="checkbox"/>	4502 Current copy of the MW treatment permit not available. 65621(f), 65623, 118165, 118180
	<input type="checkbox"/>	4503 Condition(s) of the MW treatment permit violated. 65623


SIGNATURE OF FACILITY REPRESENTATIVE

12/02/2013
DATE SIGNED

EHS Specialist
TITLE OF FACILITY REPRESENTATIVE

To File
DET 2009-HUPFP-211638

Norton, Louise

From: dan.macneil@agilent.com
Sent: Thursday, December 05, 2013 2:04 PM
To: Norton, Louise
Subject: Agilent Technologies Visit on 12/2/13

Importance: High

Follow Up Flag: Follow up
Flag Status: Flagged

Good afternoon Louise –

I wanted to inform you we have corrected the following items from the visit on 12/2/2013:

Medical Waste:

- V. 4209 – any and all instances
- V. 4210 – any and all instances
- V. 4213 – any and all instances

The additional items below will have been corrected by the close of business, today, 12/5/13.

Hazardous Materials:

- V. 1009
- V. 1017
- V. 1018

Note; we are awaiting final word from our vendor as to the status of the completion of V. 1008.

Cordially

Daniel Mac Neil
Agilent Technologies
Environmental Health & Safety
11011 N. Torrey Pines Road
La Jolla, Ca. 92037
858-373-6420 - Direct
858-373-6383 - Fax
858-228-8044 - Cell
dan.macneil@agilent.com



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 11/23/2015

RECORD ID #: DEH2009-HUPFP-211638

TIME START: 10:35 AM END: 11:15 AM

SPECIALIST: Robertson, Kelly

INSPECTION CONTACT: Daniel Mac Neil

TITLE: EHS Specialist

PHONE: 858-373-6420

E-MAIL: dan.macneil@agilent.com

FACILITY NAME: Agilent Technologies
 ADDRESS: 11011 N TORREY PINES RD
 CITY/ZIP: LA JOLLA /92037

FACILITY REFERENCE DATA

ACCELA

RECORD STATUS: Permit Renewed
 PERMIT EXPIRATION DATE: 08/31/2016
 BALANCE DUE: \$0.00
 INSPECTOR: Robertson, Kelly
 INSPECTION TYPE: Routine
 INSPECTION STATUS: No Access

CERS

EPA ID NUMBER: CAL000324223
 FACILITY CERS ID NUMBER: 10123627
 CERS LEAD USER: Daniel Mac Neil
 LAST CERS SUBMITTAL DATE: 12/08/2013
 ENVIRONMENTAL CONTACT EMAIL: dan.macneil@agilent.com
 ENVIRONMENTAL CONTACT PHONE: 858-373-6420

FACILITY INFORMATION

	YES	NO		YES	NO
INACTIVATION INSPECTION:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HAZARDOUS MATERIALS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CHANGE OF OWNER:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HAZARDOUS WASTE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CHANGE IN BUSINESS TYPE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ABOVEGROUND PETROLEUM STORAGE ACT*:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS TYPE: <u>Biomedical/Biotech-Not Large Manufacturer</u>			TOTAL SHELL CAPACITY APSA:		<u>0</u>
ISSUE INITIAL INVOICE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	UNDERGROUND STORAGE TANK:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS NON-NOTIFICATION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CALARP PROGRAM (CERS):	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS RE-INSPECTION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CALARP PROGRAM LEVEL:	<input type="checkbox"/> 1	<input type="checkbox"/> 2
FACILITY SUBJECT TO BASE FEE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MEDICAL WASTE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FACILITY SUBJECT TO CUPA FEE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MW FACILITY GENERATING OVER 200 LBS PER MONTH:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UPDATE FACILITY ADDRESS IN AA:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EPIC PARTICIPANT:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			NUMBER OF TLV GASES AT THE FACILITY:		<u>0</u>

HW GENERATOR STATUS : LOG SQG CESQG RCRA LOG N/A

TIERED PERMIT LEVEL(S) : CESQT CESW CE-L CE-CL HHW PBR CA N/A

PRIMARY BILLING CODE: Not Applicable SECONDARY BILLING CODE: Not Applicable TERTIARY BILLING CODE: Not Applicable

INSPECTION SCOPE:

HAZARDOUS MATERIALS: GEN HAZMAT APSA UST HAZARDOUS WASTE: SQG LOG

MEDICAL WASTE: SQG SQG - TREATS LOG LOG - ABBREVIATED LOG - TREATS

CALARP: 1 2 3 TIERED PERMITTING: CESQT CESW CE-L CE-CL CA PBR HHW

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT NAME: No consent given TITLE: N/A

REMOVE BLANK CHECKLISTS FROM FINAL INSPECTION REPORT REFUSED TO SIGN

INSPECTION REPORT EMAILS:
kelly.robertson@sdcounty.ca.gov, michelle.price@sdcounty.ca.gov

RECORD COMMENT:
Inspection attempted, inspection contact not onsite and refused inspection. Advised Dan MacNeil about re-inspection fee.



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: Agilent Technologies
 ADDRESS: 11011 N TORREY PINES RD
 CITY/ZIP: LA JOLLA /92037

INSPECTION DATE: 11/23/2015 PAGE 1 OF 1
 RECORD ID #: DEH2009-HUPFP-211638
 TIME START: 10:35 AM END: 11:15 AM
 SPECIALIST: Robertson, Kelly
 INSPECTION CONTACT: Daniel Mac Neil
 TITLE: EHS Specialist
 PHONE: 858-373-6420
 E-MAIL: dan.macneil@agilent.com

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit Current	<input type="checkbox"/>	<input type="checkbox"/>	Contingency Plan Available <input type="checkbox"/> LQG <input type="checkbox"/> SQG
<input type="checkbox"/>	<input type="checkbox"/>	Hazardous Materials Business Plan Available	<input type="checkbox"/>	<input type="checkbox"/>	Employee Training Records Available
<input type="checkbox"/>	<input type="checkbox"/>	Employee Training is Adequate	<input type="checkbox"/>	<input type="checkbox"/>	Universal Waste Managed Properly
<input type="checkbox"/>	<input type="checkbox"/>	Waste Disposal Records Available for Review	<input type="checkbox"/>	<input type="checkbox"/>	Waste Containers <input type="checkbox"/> Closed <input type="checkbox"/> Labeled
<input type="checkbox"/>	<input type="checkbox"/>	Emergency Contacts Current <input type="checkbox"/> Updated today	<input type="checkbox"/>	<input type="checkbox"/>	Waste Containers in Good Condition
<input type="checkbox"/>	<input type="checkbox"/>	Chemical Inventory/Map Current <input type="checkbox"/> Updated today			Permit Expires On <u>08/31/2016</u>

CONSENT TO CONDUCT INSPECTION GRANTED BY: No consent given

TITLE: N/A

INTRODUCTION:

Routine inspection was attempted at this facility. Upon arrival, Tamisha Frye, Operations and Maintenance Administrator informed me that the inspection contact Dan MacNeil had the day off. She called his cell phone to see if there was someone else I could do the inspection with. He called back a short while later and said that no one else was available for the inspection. Tamisha Frye was advised that a re-inspection fee will be charged if I come back for inspection. She told me that Dan MacNeil said to go ahead and charge the fee.

INSPECTION REMARKS:

-Facility going through tenant improvements and the County of San Diego has not received an acceptable Hazardous Materials Business Plan submittal in the California Environmental Reporting System (CERS).

If you have any questions regarding this inspection, please contact Robertson, Kelly, (858) 505-6780, Kelly.Robertson@sdcounty.ca.gov

INSPECTION PHOTOS

None

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE Tamisha Frye	SIGNATURE 	DATE SIGNED 11/23/2015
TITLE OF FACILITY REPRESENTATIVE Operations and Maintenance Administrator		

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
 Phone: (858) 505-6880 <http://www.sdcdelh.org>

**SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT DIVISION
Annual Carcinogen and Reproductive Toxin Reporting List**

Business Name: Agilent Technologies

Business Address: 11011 North Torrey Pines Road, La Jolla, CA 92037

Business Owner or Operator: same as above

Please complete the following by entering the chemical name in the chemical name column and then place a check "√" in the quantity column that most closely estimates the amount on hand. If measured by volume, check the appropriate gallon column(s). If measured by weight, check the appropriate pound column(s). If the chemical is a trade secret, you should check the trade secret box. For example, if you have one pint of benzene you would write benzene in the chemical name column and place a check in the "<1 gallon" column. (PLEASE NOTE: the symbol < means less than).

Chemical Name	<1 Gallon	<1 Pound	<10 Gallons	<10 Pounds	<55 Gallons	<500 Pounds	Trade Secret
1,4-Dioxane			√				
Acetamide		√					
Acrylamide		√					
Aniline		√					
Chloramphenicol		√					
Chloroform			√				
Dichloromethane	√						
Diethyl Sulfate	√						
Dimethyl Sulfate	√						
Ethyl Acetate	√						
Ethylene Glycol Monoethyl Ether	√						
Formaldehyde			√				

H File #: 102557

Date: August 22, 2015

Hydrazine		✓								
Nitrioltriacetic Acid						✓				
Nitromethane	✓									
Pyridine			✓							
Silica						✓				
Streptomycin Sulfate	✓									
Toluene				✓						
Trypan Blue	✓									



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 02/04/2016

RECORD ID #: DEH2009-HUPFP-211638

TIME START: 9:30 AM END: 12:30 PM

SPECIALIST: Norton, Louise

INSPECTION CONTACT: Dan Mac Neil

TITLE: EHS

PHONE: 858-373-6300

E-MAIL: dan.macneil@agilent.com

FACILITY NAME: Agilent Technologies
 ADDRESS: 11011 N TORREY PINES RD
 CITY/ZIP: LA JOLLA /92037

FACILITY REFERENCE DATA

ACCELA

RECORD STATUS: Permit Renewed
 PERMIT EXPIRATION DATE: 08/31/2016
 BALANCE DUE: \$228.00
 INSPECTOR: Norton, Louise
 INSPECTION TYPE: Routine
 INSPECTION STATUS: Complete

CERS

EPA ID NUMBER: CAL000324223
 FACILITY CERS ID NUMBER: 10123627
 CERS LEAD USER: Daniel Mac Neil
 LAST CERS SUBMITTAL DATE: 12/22/2015
 ENVIRONMENTAL CONTACT EMAIL: dan.macneil@agilent.com
 ENVIRONMENTAL CONTACT PHONE: 858-373-6420

FACILITY INFORMATION

	YES	NO		YES	NO
INACTIVATION INSPECTION:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HAZARDOUS MATERIALS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CHANGE OF OWNER:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HAZARDOUS WASTE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CHANGE IN BUSINESS TYPE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ABOVEGROUND PETROLEUM STORAGE ACT*:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS TYPE: <u>Biomedical/Biotech-Not Large Manufacturer</u>			TOTAL SHELL CAPACITY APSA:		<u>0</u>
ISSUE INITIAL INVOICE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	UNDERGROUND STORAGE TANK:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS NON-NOTIFICATION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CALARP PROGRAM (CERS):	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS RE-INSPECTION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CALARP PROGRAM LEVEL:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FACILITY SUBJECT TO BASE FEE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MEDICAL WASTE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FACILITY SUBJECT TO CUPA FEE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MW FACILITY GENERATING OVER 200 LBS PER MONTH:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UPDATE FACILITY ADDRESS IN AA:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EPIC PARTICIPANT:	<input type="checkbox"/>	<input checked="" type="checkbox"/>

NUMBER OF TLV GASES AT THE FACILITY: 0

HW GENERATOR STATUS : LOG SQG CESQG RCRA LOG N/A

TIERED PERMIT LEVEL(S) : CESQT CESW CE-L CE-CL HHW PBR CA N/A

PRIMARY BILLING CODE: Not Applicable SECONDARY BILLING CODE: Not Applicable TERTIARY BILLING CODE: Not Applicable

INSPECTION SCOPE:

HAZARDOUS MATERIALS: GEN HAZMAT APSA UST HAZARDOUS WASTE: SQG LOG

MEDICAL WASTE: SQG SQG - TREATS LOG LOG - ABBREVIATED LOG - TREATS

CALARP: 1 2 3 TIERED PERMITTING: CESQT CESW CE-L CE-CL CA PBR HHW

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT NAME: Dan Mac Neil TITLE: EHS

REMOVE BLANK CHECKLISTS FROM FINAL INSPECTION REPORT REFUSED TO SIGN

INSPECTION REPORT EMAILS:
john.misleh@sdcounty.ca.gov, louise.norton@sdcounty.ca.gov

RECORD COMMENT:



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: Agilent Technologies
 ADDRESS: 11011 N TORREY PINES RD
 CITY/ZIP: LA JOLLA /92037

INSPECTION DATE: <u>02/04/2016</u>	PAGE <u>1</u> OF <u>5</u>
RECORD ID #: <u>DEH2009-HUPFP-211638</u>	
TIME START: <u>9:30 AM</u>	END: <u>12:30 PM</u>
SPECIALIST: <u>Norton, Louise</u>	
INSPECTION CONTACT: <u>Dan Mac Neil</u>	
TITLE: <u>EHS</u>	
PHONE: <u>858-373-6300</u>	
E-MAIL: <u>dan.macneil@agilent.com</u>	

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit Current	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contingency Plan Available <input type="checkbox"/> LQG <input checked="" type="checkbox"/> SQG
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hazardous Materials Business Plan Available	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training Records Available
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training is Adequate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Universal Waste Managed Properly
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Disposal Records Available for Review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers <input checked="" type="checkbox"/> Closed <input checked="" type="checkbox"/> Labeled
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Emergency Contacts Current <input type="checkbox"/> Updated today	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers in Good Condition
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Inventory/Map Current <input type="checkbox"/> Updated today			Permit Expires On <u>08/31/2016</u>

CONSENT TO CONDUCT INSPECTION GRANTED BY: Dan Mac Neil

TITLE: EHS

INTRODUCTION:

On 2/4/2016 a routine inspection was conducted at the above facility with Dan Mac Neil, EHS. Agilent is an R&D biotechnology company that develops products and technologies for life science research, including DNA and protein purification, and bioreagents. The inspection covered the following Certified Unified Program Agency (CUPA) elements: hazardous waste generator, hazardous materials business plan, and medical waste generator. At the time of this inspection Agilent was a small quantity generator (SQG) of hazardous and medical waste. Mr. MacNeil provided consent to take photos if needed and conduct the inspection. Agilent has recently vacated the first floor of the building and is now only occupying the second floor, and laboratory space has downsized.

INSPECTION REMARKS:

The following observations were made during the inspection:

Hazardous Waste and Hazardous Materials

- a. Hazardous Materials Business Plan submitted in CERS 12/22/15
- b. Emergency plan posted on the wall in the lab and emergency procedures uploaded in CERS
- c. Reviewed employee training program and employee training records for new employees and refresher chemical safety training
- d. Minor updates to the chemical inventory made during the inspection
- e. Hazardous waste manifests reviewed
- f. Land disposal restriction records reviewed
- g. Universal waste observed to be properly managed
- h. Universal waste records reviewed
- i. EPA ID # CAL000324223

Medical Waste

- a. Medical waste tracking documents reviewed



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

- b. Out of approximately 40 biohazardous waste containers and sharps containers, only 2 red bags were missing the generator's label. This minor violation was corrected during the inspection.
- c. English/Spanish biohazardous waste warning sign posted outside the designated accumulation area

No violations cited during this inspection

Helpful Websites:

- For guidance documents on hazardous materials-related topics,
go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS),
go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations,
go to: <http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails:
<https://public.govdelivery.com/accounts/CASAND/subscriber/new>

If you have any questions regarding this inspection, please contact Norton, Louise , (858) 518-7218,
Louise.Norton@sdcounty.ca.gov

INSPECTION PHOTOS
None

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE Dan Mac Neil	SIGNATURE		DATE SIGNED 02/04/2016
TITLE OF FACILITY REPRESENTATIVE EHS			

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (858) 505-6880 <http://www.sdcdeh.org>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT Handlers of Hazardous Materials and Small and Large Quantity Generators of Hazardous Waste

INSPECTION DATE: 02/04/2016 PAGE 3 OF 5
RECORD ID #: DEH2009-HUPFP-211638

FACILITY NAME: *Agilent Technologies

ADDRESS: * 11011 N TORREY PINES RD

CITY/ZIP: *LA JOLLA

92037

Each violation checked below is for the section(s) of the California Health and Safety Code (HSC), California Code of Regulations (CCR), or the San Diego County Code (SDCC) indicated in italics. Incorporated provisions of Title 40 of the Code of Federal regulations (CFR) are noted for reference. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. HMBP = Hazardous Materials Business Plan; CUPA = Certified Unified Program Agency; CERS = California Environmental Reporting System; SQG = Small Quantity Hazardous Waste Generator; LQG = Large Quantity Hazardous Waste Generator

Hazardous Materials Requirements

- | # | VIOLATION DESCRIPTION |
|--------------------------|--|
| <input type="checkbox"/> | 1010001 HMBP not established/ implemented. HSC 25505(a) and 25507(a) |
| <input type="checkbox"/> | 1010002 HMBP not submitted to the CUPA in CERS. HSC 25508(a)(1)(A); HSC 25404(e)(4); 27 CCR 15188(a), (d) |
| <input type="checkbox"/> | 1010003 Business Activities and/or Business Owner/Operator Identification not completed in CERS. 19 CCR 2729.2(a)(1); HSC 25404(e)(4) |
| <input type="checkbox"/> | 1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25506; 25507; and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1010005 Site map not submitted in CERS or not sufficient. HSC 25505(a)(2) and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1010006 HMBP not updated to reflect inventory changes or facility information. HSC 25508.1(a-e) |
| <input type="checkbox"/> | 1010007 HMBP not updated to reflect substantial change to the handler's operations. HSC 25508.1(f) |
| <input type="checkbox"/> | 1010008 HMBP not certified annually as complete and accurate in CERS. HSC 25508.2 |
| <input type="checkbox"/> | 1010010 Emergency response procedures to mitigate a release or threatened release not adequate, not established or not submitted in CERS. HSC 25505(a)(3) and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1010011 Failure to notify property owner in writing that the business is subject to the HMBP program. HSC 25505.1 |
| <input type="checkbox"/> | 1010012 Failure to provide a copy of HMBP to the property owner within five working days upon request from property owner. HSC 25505.1 |
| <input type="checkbox"/> | 1010014 Failure to submit emergency response plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1010015 Failure to submit employee training plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1010016 HMBP not established or submitted in CERS, when not meeting the remote site exemption. HSC 25507.2 and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1020001 Employee training plan for hazardous materials management not adequate, not established or not submitted in CERS. HSC 25505(a)(4) and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1020002 Initial and/or annual employee training not conducted for hazardous materials management and/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4) |
| <input type="checkbox"/> | 1040001 Hazardous materials release or threatened release not reported to the CUPA and OES immediately upon discovery. HSC 25510(a) |
| <input type="checkbox"/> | 4010001 Failed to prepare and implement a written Spill Prevention Control and Countermeasures (SPCC) Plan in accordance with 40 CFR 112 (sec. 112.3). HSC 25270.4.5(a) |
| <input type="checkbox"/> | HMD 1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905 |
| <input type="checkbox"/> | HMD 1005 Emergency contact not provided or current. HSC 25508.1(f) |
| <input type="checkbox"/> | HMD 1007 Highly toxic gas (TLV<10 ppm) not disclosed. SDCC 68.1113(b) |
| <input type="checkbox"/> | HMD 1008 Annual carcinogen/reproductive toxin list not submitted. SDCC 68.1113(c) |
| <input type="checkbox"/> | HMD 1013 HMBP not readily available for review. HSC 25505(c) |

Hazardous Waste Requirements for SQGs ONLY

- | | |
|--------------------------|--|
| <input type="checkbox"/> | HMD 0226 Did not accumulate waste in a container or tank. (40 CFR 262.34(d)(2).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | HMD 0412 Failed to have an emergency coordinator on call or available during an emergency. (40 CFR 262.34(d)(5)(i).) 22 CCR 66262.34(d)(2) |

HM-923 (03-15)

Hazardous Waste Requirements for SQGs ONLY (continued)

- | # | VIOLATION DESCRIPTION |
|--------------------------|--|
| <input type="checkbox"/> | 3030007 Failed to properly label/date hazardous waste container and/or tank. 22 CCR 66262.34(f) |
| <input type="checkbox"/> | 3030010 Accumulated waste too long (>180 or 270 days) (>90 days for an acutely hazardous waste). (40 CFR 262.34(e) and (f).) HSC 25201(a); 22 CCR 66262.34(d) |
| <input type="checkbox"/> | 3030013 Failed to accumulate hazardous waste in a container that is in good condition. (40 CFR 262.34(d)(2); 265.171.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030015 Failed to accumulate or store hazardous waste in a lined/compatible container. (40 CFR 262.34(d)(2); 265.172) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030017 Failed to properly close hazardous waste container(s). (40 CFR 262.34(d)(2); 265.173.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030019 Failed to inspect hazardous waste storage area at least weekly. (40 CFR 262.34(d)(2); 265.174.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030022 Failed to properly separate incompatible waste. (40 CFR 262.34(d)(2); 265.177.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030030 Failed to maintain and/or operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents. (40 CFR 262.34(d)(4); 265.31.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030036 Failed to maintain adequate aisle space. (40 CFR 262.34(d)(4); 265.35.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3010022 Failed to post, next to the telephone, emergency information containing the location of emergency equipment, contact names, and numbers. (40 CFR 262.34(d)(5)(ii).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3020001 Failed to ensure employees are trained for hazardous waste handling, compliance with regulations, and emergency response procedures. (40 CFR 262.34(d)(5)(iii).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030032 Failed to maintain or have emergency equipment, supplies, or equivalents. 1) An internal communication or alarm system; 2) A device, such as a telephone; 3) Portable fire extinguishers, fire control equipment, spill control equipment, and decontamination equipment; and 4) Water at adequate volume and pressure (40 CFR 262.34(d)(4); 265.32) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030039 Failed to implement contingency plan during an emergency, spill/ release. (40 CFR 262.34(d)(5)(iv).) 22 CCR 66262.34(d)(2) |

Hazardous Waste Tank Systems for SQGs ONLY

- | | |
|--------------------------|--|
| <input type="checkbox"/> | 3030024 Failed to maintain sufficient freeboard of 2 ft in uncovered tanks to prevent overtopping unless the tank is equipped with a containment structure, a drainage control system or a diversion structure with a capacity that equals or exceeds the volume of the top 2 ft of the tank. (40 CFR 62.34(d)(3); 265.201(b)(c).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030025 Failed to provide an overflow protection device on continuously fed hazardous waste tank. (40 CFR 262.34(d)(3); 265.201(b)(4).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030027 Failed to conduct daily tank inspection of the discharge system, monitoring equipment, and tank level. (40 CFR 265.201(c)(1), 265.201(c)(2), 265.201(c)(3), 262.34(d)(3).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030028 Failed to conduct weekly inspections of the construction materials, fixtures, and surrounding areas of the hazardous waste tank. (40 CFR 265.201(c)(4); 265.201(c)(5); 262.34(d)(3).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3050007 Failed to properly decontaminate and document closure of a hazardous waste tank system. (40 CFR 265.201(f).) 22 CCR 67383.3 |
| <input type="checkbox"/> | HMD 1612 Hazardous waste improperly stored in a tank system causing leaks, corrosion, or failure. (40 CFR 265.201(b).) 22 CCR 66262.34(d) |
| <input type="checkbox"/> | HMD 1614 Failed to pre-notify the CUPA in writing prior to closing a hazardous waste tank system. 22 CCR 67383.3(a)(1) |
| <input type="checkbox"/> | HMD 1615 Failed to properly accumulate ignitable or reactive waste in a tank system. (40 CFR 265.201(g).) 22 CCR 66262.34(d)(2) |



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Hazardous Materials and Hazardous Waste (continued)

Hazardous Waste Requirements for SOGs and LOGs RECORD KEEPING/OPERATIONAL REQUIREMENTS

- | | |
|---|-----------------------|
| # | VIOLATION DESCRIPTION |
|---|-----------------------|
- 3010001 Unified Program Facility (UPF) permit not obtained for the generation of hazardous waste. HSC 25404.1; SDCC 68.905
 - 3010029 The facility has not submitted complete and accurate facility information in CERS. HSC 25404(e)(4); 27 CCR 15188(b)
 - 3010002 Failed to obtain and/or maintain an active EPA ID. 22 CCR 66262.12
 - 3010008 Failed to properly complete a uniform hazardous waste manifest. 22 CCR 66262.23(a)
 - 3010009 Failed to complete the hazardous waste manifest Exception Requirement. 22 CCR 66262.42
 - 3010010 Failed to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a)
 - 3010011 Failed to send hazardous waste manifest copies to the Department of Toxic Substances Control (DTSC). 22 CCR 66262.23(a)(4)
 - 3010013 Failed to meet the consolidated manifesting requirements for waste shipment. HSC 25160.2; 22 CCR 66262.40(a)
 - 3010014 Failed to retain disposal records of spent lead batteries for 3 years. 22 CCR 66266.81(a)(4)(B)
 - 3030006 Failed to determine if a hazardous waste is restricted or prohibited from land disposal. 22 CCR 66268.7(a)
 - 3010016 Failure of recycler who recycles more than 100 kilograms per month of recyclable material under a claim that the material qualifies for exclusion or exemption to provide and submit in CERS the required information. HSC 25143.10(a), (c), and/or (d)
 - HMD 0149 Failed to keep disposal receipts for drained used oil filters and/or drained fuel filters for 3 years. HSC 25250.22; 22 CCR 66266.130
 - HMD 0148 Failed to have copies of analytical records, waste analysis records, and/or waste determination results for 3 years. 22 CCR 66262.40(c)
 - HMD 0140 Failed to have Land Disposal Restriction documentation onsite for 3 years. 22 CCR 66268.7(a)(8)
 - 3250005 Failed to obtain a Treatment, Storage and Disposal Facility (TSDF) permit or authorization to store/treat/dispose of hazardous waste. HSC 25201(a)
 - 3050005 Failed to have adequate records demonstrating claim of exemption for Excluded Recyclable Materials. HSC 25143.2(f); 22 CCR 66261.2(g)
 - 3210001 Failed to notify the CUPA in CERS for onsite hazardous waste treatment/tiered permitting. HSC 25201(a)
 - HMD 0138 Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a)

Hazardous Waste Requirements for SOGs and LOGs DISPOSAL AND TRANSPORTATION

- 3010007 Failed to prepare a hazardous waste manifest for the transport of a waste for off-site transfer, treatment, storage, or disposal. HSC 25160(b)(1) or (2), 25160.2(b)(9); 22 CCR 66262.20(a)
- 3030005 Failed to make a proper waste determination. 22 CCR 66262.11, 66262.40(c)
- 3050001 Failed to use a California registered hazardous waste transporter to transport hazardous waste. HSC 25163(a); 22 CCR 66263.41
- 3050002 Failed to properly dispose of hazardous waste at an authorized facility. HSC 25189.5(a); 25189(c),(d); 25189.2(c)
- 3130002 Impermissible dilution of hazardous waste. 22 CCR 66268.3(a)
- HMD 0305 Disposed of used oil illegally. HSC 25250.5(a); 25189.5(a); 25189(c),(d); 25189.2(c)
- HMD 0306 Disposed of hazardous waste latex paint improperly. HSC 25217.1

Hazardous Waste Requirements for SOGs and LOGs STORAGE AND HANDLING

- | | |
|---|-----------------------|
| # | VIOLATION DESCRIPTION |
|---|-----------------------|
- 3030001 Failed to meet requirements, when handling, and storing spent lead acid batteries. 22 CCR 66266.81(a)(1)
 - 3030003 Failed to properly manage 'damaged' spent lead acid batteries. 22 CCR 66266.81(b)
 - 3030004 Failed to properly manage, store, label, and/or recycle used oil filters and/or used fuel filters. HSC 25250.22; 22 CCR 66266.130
 - 3050004 Failed to properly manage contaminated used oil as a hazardous waste. HSC 25250.7(a), (c)
 - HMD 0222 Failed to properly label Excluded Recyclable Materials (ERM). HSC 25143.9(a).
 - HMD 0216 Failed to label hazardous material container within 10 days after the container was discovered to be mislabeled or inadequately labeled. HSC 25124(b)(3)(A); 22 CCR 66262.34(f)
 - HMD 0217 Failed to repack damaged/deteriorated hazardous material container within 96 hours. HSC 25124(b)(3)(B); 22 CCR 66262.34(f)
 - HMD 0219 Failed to properly segregate used oil &/or fuel drained from filters. HSC 25250.22(b)(4); 22 CCR 66266.130(c)(6)
 - HMD 0221 Failed to comply with hazardous waste satellite container regulation. 22 CCR 66262.34(e)
 - HMD 0223 Failed to properly empty container, failed to manage non-empty container, or inner liner removed from a container. 22 CCR 66261.7(b), (d) and/or (r); 66262.34(f)
 - HMD 0224 Failed to mark date on empty container larger than 5 gallons and/or manage it within one year. 22 CCR 66261.7(e),(f)

Universal Waste Handler Requirements

- 3010004 Failed to obtain an EPA ID number from DTSC or US EPA prior to storing 5,000 kg or more of universal waste. 22 CCR 66273.32(a),(b)
- 3020002 Failed to maintain universal waste handler training records for 3 years. 22 CCR 66273.36(c),(d)
- 3020003 Failed to properly train handlers of universal waste in universal waste management and response procedures. 22 CCR 66273.36(a),(b)
- 3030008 Failed to properly label or mark a universal waste (non-Conditionally Exempt Small Quantity Universal Waste Generator). 22 CCR 66273.34
- 3030011 Failed to properly dispose of universal waste within one year. 22 CCR 66273.35(a) and/or (b)
- 3030046 Failed to keep records of offsite universal waste (UW) shipment(s) available for inspection for 3 years. HSC 25185(a); 22 CCR 66273.39(c), (d)(2)
- 3030051 Failed to meet the accumulation standards for universal waste aerosol containers and waste handling. HSC 25201.16(f)
- 3040004 Failed to manage universal waste in a manner to prevent release(s) to the environment. 22 CCR 66273.33; 66273.33.5
- 3050003 Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a), 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a)



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Medical Waste Generators

Each violation checked below is for the section(s) of the California health and Safety Code (HSC), California Code of Regulation (CCR), or the San Diego County Code (SDCC) indicated in italics. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. UPF = Unified Program Facility; MW = Medical Waste; USPS = United States Postal Service; DOT = Department of Transportation

STORAGE AND LABELING

- | # | HMD | VIOLATION DESCRIPTION |
|--------------------------|------|---|
| <input type="checkbox"/> | 4201 | UPF Permit not obtained. HSC 117705; SDCC 68.905 |
| <input type="checkbox"/> | 4202 | Medical waste (MW) not separated from other waste at the point of origin. HSC 118275 |
| <input type="checkbox"/> | 4203 | Enclosure or designated accumulation area for MW containers not secured. HSC 118307, 118310 |
| <input type="checkbox"/> | 4204 | MW designated accumulation area not posted with an approved, legible biohazardous waste "warning sign" in English & Spanish which can be read from 25 ft. HSC 118310 |
| <input type="checkbox"/> | 4205 | Medical SOLID WASTE not secured to deny access to unauthorized persons. SDCC 68.1211 |
| <input type="checkbox"/> | 4206 | Spill of MW not properly cleaned up. HSC 118300 |
| <input type="checkbox"/> | 4207 | Sharps not stored in approved and properly marked sharps container. HSC 118285(a) & (d) |
| <input type="checkbox"/> | 4208 | Full sharps container not taped closed or tightly-lidded to preclude loss of contents. HSC 118285(b) |
| <input type="checkbox"/> | 4209 | Primary containers accumulating MW not labeled with generator's name, address, and phone number. SDCC 68.1205 |
| <input type="checkbox"/> | 4210 | Medical waste not stored in approved and properly marked biohazard bags. HSC 118275(a) |
| <input type="checkbox"/> | 4211 | Biohazard bags not tied off to prevent leakage/expulsion of contents during handling and storage. HSC 118280(a) |
| <input type="checkbox"/> | 4212 | Biohazard bags not containerized in rigid, leak resistant, and covered containers or bins when placed for storage, handling, or transport. HSC 118280(b) |
| <input type="checkbox"/> | 4213 | Waste container/bin not labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD" on the lid and sides. HSC 118280(c) |
| <input type="checkbox"/> | 4214 | Reusable containers/bins for MW storage not kept clean and sanitary. HSC 118295, 118305 |
| <input type="checkbox"/> | 4215 | Frozen (0°C/32°F) biohazardous waste stored >90 days. HSC 118280(e)(2) |
| <input type="checkbox"/> | 4306 | Full sharps container stored >30 days at >0°C. HSC 118285(c) |
| <input type="checkbox"/> | 4307 | Biohazard bag waste stored >7 days at >0°C (for generators of >20lbs/month). HSC 118280(e)(1)(A) |
| <input type="checkbox"/> | 4308 | Biohazard bag waste stored >30 days at >0°C (for generators of <20lbs/month). HSC 118280(e)(1)(B) |
| <input type="checkbox"/> | 4219 | MW interim storage area not marked with warning sign or biohazard symbol legible from 5 ft. HSC 118307, 118310 |
| <input type="checkbox"/> | 4220 | MW interim storage area not properly secured. HSC 118307 |

TREATMENT AND DISPOSAL

- | | | |
|--------------------------|------|--|
| <input type="checkbox"/> | 4251 | MW treated by unapproved method/procedure. HSC 118215 |
| <input type="checkbox"/> | 4252 | Standardized written operating procedures for steam sterilization not available. HSC 118215(a)(2)(A) |
| <input type="checkbox"/> | 4253 | Recording thermometer not calibrated annually. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> | 4254 | No records of annual thermometer calibration checks onsite for at least the past 2 years. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> | 4255 | Heat-sensitive tape/other approved method not used for each load treated onsite. HSC 118215(a)(2)(C) |
| <input type="checkbox"/> | 4256 | Monthly biological indicator or other approved method not used to confirm proper disinfection. HSC 118215(a)(2)(D) |
| <input type="checkbox"/> | 4257 | Onsite steam sterilization did not reach 121°C/250°F for 30 minutes. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> | 4258 | Treatment records/logs of dates, time, and temperature not available for 2 years. HSC 118215(a)(2)(E) |
| <input type="checkbox"/> | 4259 | Disposal of untreated MW to an unauthorized point. HSC 118340 |

TRANSPORTATION REQUIREMENTS

- | # | HMD | VIOLATION DESCRIPTION |
|--------------------------|------|---|
| <input type="checkbox"/> | 4260 | Transportation of MW without State Hauler Registration, USPS or requirements of the DOT "Materials of Trade Exceptions." HSC 118025 |
| <input type="checkbox"/> | 4311 | Medical waste tracking documents/logs not in vehicle transporting medical waste. HSC 118040 |

SMALL QUANTITY GENERATORS ONLY

(<200 pounds of medical waste generated per month)

- | | | |
|--------------------------|------|---|
| <input type="checkbox"/> | 4301 | Medical Waste Management Plan (MWMP) not submitted to HMD (initial/updates), if onsite treatment. HSC 117935 |
| <input type="checkbox"/> | 4302 | Did not maintain and show proof of "onsite" medical waste treatment records for 3 years. HSC 117943 |
| <input type="checkbox"/> | 4303 | Did not retain on file disposal receipts, tracking/shipping documents for medical waste shipped offsite for 3 years. HSC 117945 |
| <input type="checkbox"/> | 4309 | MWMP or equivalent information not onsite (only for SQG doing onsite treatment or comply with pharmaceutical waste hauling exemption). HSC 117935, 118032 |

LARGE QUANTITY GENERATORS ONLY

(≥ 200 pounds of medical waste generated per month)

- | | | |
|--------------------------|------|--|
| <input type="checkbox"/> | 4351 | MWMP not submitted to HMD (initial/updates). HSC 117960, 117970 |
| <input type="checkbox"/> | 4352 | Records of medical waste treatment not available for 2 years. HSC 117975, 118215(a)(2)(E) |
| <input type="checkbox"/> | 4353 | Did not make available disposal receipts, tracking/shipping documents for at least 2 years for medical waste shipped offsite. HSC 117975 |

CHEMOTHERAPY, PATHOLOGY, PHARMACEUTICAL HAZARDOUS & UNIVERSAL WASTES

- | | | |
|--------------------------|---------|--|
| <input type="checkbox"/> | 4401 | Trace Chemo waste not segregated from other MW. HSC 118275(a)(4) |
| <input type="checkbox"/> | 4402 | Trace Chemo waste container not labeled "Chemotherapy Waste" or "CHEMO" on the lid and the sides. HSC 118275(a)(4) |
| <input type="checkbox"/> | 4403 | Illegal disposal of chemo waste. HSC 118340 |
| <input type="checkbox"/> | 4411 | Pathology waste not segregated from other MW. HSC 118275(a)(5) |
| <input type="checkbox"/> | 4412 | Pathology waste container not labeled "Pathology Waste" or "PATH" on the lid and the sides. HSC 118275(a)(5) |
| <input type="checkbox"/> | 4413 | Illegal disposal of pathology waste. HSC 118340 |
| <input type="checkbox"/> | 4421 | Pharm waste not segregated from other MW. HSC 118275(a)(6) |
| <input type="checkbox"/> | 4422 | Pharm waste not labeled "Incineration Only or HIGH HEAT" on the lid and the sides. HSC 118275(a)(6) |
| <input type="checkbox"/> | 4423 | Pharm waste stored >90 days when container full, or stored longer than one year (maximum allowable time). HSC 118280(f) |
| <input type="checkbox"/> | 4432 | Illegal disposal of pharm waste. HSC 118340, 118222(b) |
| <input type="checkbox"/> | 4441 | Disposal of photo/hazwaste to an unauthorized point. HSC 25189.5 |
| <input type="checkbox"/> | 3030046 | Failed to keep records of offsite universal waste shipment(s) available for inspection for 3 years. HSC 25185(a)(4); 22 CCR 66273.39(c),(d)(2) |
| <input type="checkbox"/> | 3050003 | Disposed of universal waste to an unauthorized point. HSC 25189.5(a); 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a) |

LOG MW ONSITE TREATMENT FACILITY

(≥ 200 pounds of medical waste generated per month)

- | | | |
|--------------------------|------|--|
| <input type="checkbox"/> | 4501 | Onsite MW treatment permit not obtained/renewed. HSC 117950, 118130, 65620, 65623 |
| <input type="checkbox"/> | 4502 | Current copy of the MW treatment permit not available. HSC 65621(f), 65623, 118165, 118180 |
| <input type="checkbox"/> | 4503 | Condition(s) of the MW treatment permit violated. HSC 65623 |



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 04/25/2018

RECORD ID #: DEH2009-HUPFP-211638

TIME START: 9:50 AM END: 12:40 PM

SPECIALIST: Zoraida Herrera

INSPECTION CONTACT: Daniel Mac Neil

TITLE: EHS Specialist

PHONE: (858) 373-6420

E-MAIL: dan.macneil@agilent.com

FACILITY NAME: Agilent Technologies
 ADDRESS: 11011 N TORREY PINES RD
 CITY/ZIP: LA JOLLA /92037

FACILITY REFERENCE DATA

ACCELA

RECORD STATUS: Permit Renewed
 PERMIT EXPIRATION DATE: 08/31/2018
 BALANCE DUE: \$0.00
 INSPECTOR: Zoraida Herrera
 INSPECTION TYPE: Routine
 INSPECTION STATUS: Complete

CERS

EPA ID NUMBER: CAL000324223
 FACILITY CERS ID NUMBER: 10123627
 CERS LEAD USER: Daniel Mac Neil
 LAST CERS SUBMITTAL DATE: 02/04/2016
 ENVIRONMENTAL CONTACT EMAIL: dan.macneil@agilent.com
 ENVIRONMENTAL CONTACT PHONE: 858-373-6420

FACILITY INFORMATION

INACTIVATION INSPECTION:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	HAZARDOUS MATERIALS:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
CHANGE OF OWNER:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	HAZARDOUS WASTE:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
CHANGE IN BUSINESS TYPE:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	ABOVEGROUND PETROLEUM STORAGE ACT:*	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
BUSINESS TYPE: <u>Biomedical/Biotech-Not Large Manufacturer</u>			TOTAL SHELL CAPACITY APSA:	<u>0</u>	
ISSUE INITIAL INVOICE:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	UNDERGROUND STORAGE TANK:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
ASSESS NON-NOTIFICATION FEE:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	CALARP PROGRAM (CERS):	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
ASSESS RE-INSPECTION FEE:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	CALARP PROGRAM LEVEL:	1 <input type="checkbox"/>	2 <input type="checkbox"/>
FACILITY SUBJECT TO BASE FEE:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	MEDICAL WASTE:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
FACILITY SUBJECT TO CUPA FEE:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	MW FACILITY GENERATING OVER 200 LBS PER MONTH:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
UPDATE FACILITY ADDRESS IN AA:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	EPIC PARTICIPANT:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
BUSINESS CLOSE DATE:			NUMBER OF TLV GASES AT THE FACILITY:	<u>0</u>	

HW GENERATOR STATUS : LOG SQG CESQG RCRA LOG N/A

TIERED PERMIT LEVEL(S) : CESQT CESW CE-L CE-CL HHW PBR CA N/A

PRIMARY BILLING CODE: Not Applicable SECONDARY BILLING CODE: Not Applicable TERTIARY BILLING CODE: Not Applicable

INSPECTION SCOPE:*

HAZARDOUS MATERIALS: GEN HAZMAT APSA UST

MEDICAL WASTE: SQG SQG - TREATS LOG LOG - ABBREVIATED LOG - TREATS

HAZARDOUS WASTE: SQG LOG

CALARP: 1 2 3

TIERED PERMITTING: CESQT CESW CE-L CE-CL CA PBR HHW

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT NAME: Daniel Mac Neil TITLE: EHS Specialist

REMOVE BLANK CHECKLISTS FROM FINAL INSPECTION REPORT REFUSED TO SIGN

TIME ACCOUNTING (Routine)

TOTAL TIME ENTERED: 0

Date	Time	Group	Type
04/25/2018	0	HMD Inspection	Report Writing - Record
04/25/2018	0	HMD Inspection	Travel Time - Record
04/25/2018	0	HMD Inspection	HM/HW - Record
04/25/2018	0	HMD Inspection	MW SQG - Record



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

FACILITY NAME: Agilent Technologies
 ADDRESS: 11011 N TORREY PINES RD
 CITY/ZIP: LA JOLLA /92037

INSPECTION DATE: 04/25/2018
 RECORD ID #: DEH2009-HUPFP-211638
 TIME START: 9:50 AM END: 12:40 PM
 SPECIALIST: Zoraida Herrera
 INSPECTION CONTACT: Daniel Mac Neil
 TITLE: EHS Specialist
 PHONE: (858) 373-6420
 E-MAIL: dan.macneil@agilent.com

INSPECTION REPORT EMAILS:

Zoraida.Herrera@sdcounty.ca.gov

RECORD COMMENT:

A routine compliance inspection was conducted on 04/25/18 after two attempts made on 02/21/18 and 04/18/18

Multiple horizontal grey bars representing empty rows for inspection details or notes.



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: Agilent Technologies
 ADDRESS: 11011 N TORREY PINES RD
 CITY/ZIP: LA JOLLA /92037

INSPECTION DATE: 04/25/2018 PAGE 1 OF 8
 RECORD ID #: DEH2009-HUPFP-211638
 TIME START: 9:50 AM END: 12:40 PM
 SPECIALIST: Zoraida Herrera
 INSPECTION CONTACT: Daniel Mac Neil
 TITLE: EHS Specialist
 PHONE: (858) 373-6420
 E-MAIL: dan.macneil@agilent.com

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit Current	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contingency Plan Available <input type="checkbox"/> LQG <input checked="" type="checkbox"/> SQG
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hazardous Materials Business Plan Available	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training Records Available
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training is Adequate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Universal Waste Managed Properly
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Disposal Records Available for Review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers <input checked="" type="checkbox"/> Closed <input checked="" type="checkbox"/> Labeled
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Emergency Contacts Current <input type="checkbox"/> Updated today	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers in Good Condition
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Inventory/Map Current <input type="checkbox"/> Updated today			Permit Expires On <u>08/31/2018</u>

CONSENT TO CONDUCT INSPECTION GRANTED BY: Daniel Mac Neil

TITLE: EHS Specialist

INTRODUCTION:

ROUTINE INSPECTION

A routine inspection to verify compliance with Certified Unified Program Agency (CUPA) programs was conducted on 04/25/18. Consent to inspect was granted by Daniel Mac Neil, Environmental Health and Safety Specialist who also accompanied me during this inspection. Consent to take photographs was not granted; Mr. Mac Neil attempted to get approval for me to take photographs from Agilent Technologies' Legal Department, but didn't hear back from them by the end of the inspection. Mr. Mac Neil was under the understanding that Agilent Technologies had a Non-Disclosure Agreement (NDA) form I could complete in order to be allowed to take photographs. Today, during the signature of this inspection report, Mr. Mac Neil mentioned that he has been informed that the Legal Department does not currently have an NDA form suitable for regulators but will soon develop one.

This inspection occurred during my third visit to this facility. An attempt to conduct this inspection was made on 02/21/18 and a second attempt on 04/18/18. At both times, Mr. Mac Neil was not available for inspection and not on site as informed by Tamisha Frye, Administrator Assistant. During those two visits, a Compliance Inspection Report was written and emailed to Mr. Mac Neil's Agilent email address. After my second visit, Mr. Mac Neil emailed me back (on 04/20/18) informing me that due to personal issues he was not available some time periods and requested an inspection be done on Monday, Wednesday, or Friday. (Note: both of my previous visits occurred on Wednesday).

Agilent Technologies is a life science company that develops laboratory instruments, reagents, kits, etc. Agilent Technologies also does research related to cancer, Parkinson's, and other ailments.

Facility's California Environmental Reporting System (CERS) ID: 10123627. Per the most recent information submitted to the Hazardous Materials Division (HMD) through CERS (on 04/23/18 -five days after my second attempt to conduct this inspection), this facility is subject to:

- Hazardous Materials Business Plan (HMBP) requirements due to the storage of reportable amounts of hazmat
- Hazardous Waste (HW) regulations as a large quantity generator (SQG) of HW (SQG: >100Kg and <1,000Kg of HW per month); EPA ID #: CAL000324223
- Medical Waste (MW) regulations as a small quantity generator of medical waste (SQGMW: <200lbs of MW per month)



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 04/25/2018 PAGE 2 OF 8
RECORD ID #: DEH2009-HUPFP-211638

VIOLATION # 1

1010008 HMBP not certified annually as complete and accurate in CERS. HSC 25508(a)(1)(A), 25508.2, 19 CCR 2654(b)

Classification: Class II

Observations:

The hazardous materials business plan (HMBP) must be certified at least annually to be complete and accurate in the California Environmental Reporting System (CERS).

Agilent Technologies submitted parts of the HMBP through CERS originally on December 2013, but submittals were not accepted and revisions were requested. Another submittal went through CERS on November 2015, but revisions were not completed. Four more submittals were made on the following weeks until a correct submittal was completed on February 2016.

No additional HMBP submittals to certify this facility's HMBP were received during 2017.

Corrective Action Completed During Inspection:

This routine compliance inspection was conducted on 04/25/18; at that time, I found out that HMBP submittals had been made on 04/23/18.

I attempted to conduct an inspection at Agilent Technologies on 02/21/18 and again on 04/18/18; both times, an inspection was not conducted because no consent was obtained. At that time, the most recent HMBP submitted through CERS was dated 02/04/16.

INSPECTION REMARKS:

Hazardous Materials (hazmat):

- Facility's HMBP was last submitted on 04/23/18
- Emergency contacts are current
- Hazmat inventory is current
 - Hazardous materials observed on site in reportable amounts include: liquid nitrogen, propane, and carbon dioxide
 - Hazardous materials observed below reportable thresholds include: argon, nitrogen (gas), radioactive materials (Tr, P33, P32), acetonitrile, isopropyl alcohol
- Facility's site map is current
- HMBP employee training records available and reviewed.
 - This facility provides training on a monthly basis that cover different topics; HMBP employee training requirements are covered within several of those trainings.
 - Required HMPB Employee Training:
 - Ensure that employee training includes methods for safe handling of hazardous materials
 - Procedures for coordination with local emergency response organizations
 - Use of emergency response equipment
 - Emergency response procedures for a release or threatened release of hazardous materials.
 - Retain employee training records for three years. (19 CCR 2659)

Hazardous Waste (HW):



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

- Facility's EPA ID: CAL000324223
- Per observations and HW disposal records, this facility is currently a SQG of HW
- Employee training records, pertaining HW, were available and reviewed (22 CCR 66265.16)
 - Required Hazardous Waste Employee Training:
 - Shall be designed to ensure that facility personnel are able to respond effectively to emergencies by familiarizing them with
 - Emergency procedures
 - Emergency equipment
 - Emergency systems, including where applicable: procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment, key parameters for automatic waste feed cut-off systems, communications or alarm systems, response to fires or explosions, response to ground-water contamination incidents, shutdown of operations
- Current HW and universal waste (UW) hauler: Veolia ES Technical Solutions
- Disposal records and Land Disposal Restrictions (LDR) available and reviewed along with Destination Confirmation (TSDF: Treatment Storage Disposal Facility)
- Agilent Technologies has an Industrial Water Discharge permit from the City of San Diego (# 02-044).
 - A photo fixer equipment, Quality Digital Imaging, and chemicals (fixer and developer) were observed in a “dark room”; this room of approximately 5ft x 6ft is located behind a solid black revolving door, there is regular white light in that room. The equipment has a silver recovery filter and an effluent line from that filter towards what it looked like the sewer.

Revisions to be made in CERS:

- a. The site map is missing to show the location of the emergency response equipment available
- b. The hazardous materials inventory contains obsolete federal hazardous categories and must be revised and re-submitted in CERS. As of December 28, 2017, CalEPA replaced the existing five (5) federal hazard categories available in CERS used for the completion of chemical inventories as part of the annual HMBP submittal with twenty-four (24) new federal hazard categories adopted by the U.S. EPA. As of January 1, 2018 the Hazardous Materials Business Plan (HMBP) submittal certification in CERS must use the federal hazard categories pursuant to California Health and Safety Code (HSC) Chapter 6.95 Section 25508(a)(1)(A). Please see the CERS Announcements page in CERS Central for regulation information and business guidance documentation at: <https://cers.calepa.ca.gov/announcements/>

If you have any questions regarding this inspection, please contact Zoraida Herrera, (619) 454-9682, Zoraida.Herrera@sdcounty.ca.gov

INSPECTION PHOTOS
None

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE Daniel Mac Neil	SIGNATURE		DATE SIGNED 05/04/2018
TITLE OF FACILITY REPRESENTATIVE EHS Specialist			

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (858) 505-6880 <http://www.sdcdelh.org>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT Handlers of Hazardous Materials and Small and Large Quantity Generators of Hazardous Waste

INSPECTION DATE: 04/25/2018 PAGE 4 OF 8
RECORD ID #: DEH2009-HUPFP-211638

FACILITY NAME: * Agilent Technologies

ADDRESS: * 11011 N TORREY PINES RD

CITY/ZIP: * LA JOLLA

92037

Each violation checked below is for the section(s) of the California Health and Safety Code (HSC), California Code of Regulations (CCR), or the San Diego County Code (SDCC) indicated in italics. Incorporated provisions of Title 40 of the Code of Federal Regulations (CFR) are noted for reference. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. HMBP = Hazardous Materials Business Plan; CUPA = Certified Unified Program Agency; CERS = California Environmental Reporting System; SQG = Small Quantity Hazardous Waste Generator; LQG = Large Quantity Hazardous Waste Generator

HAZARDOUS MATERIALS REQUIREMENTS

#	VIOLATION DESCRIPTION
<input type="checkbox"/> 1010001	Failed to establish and implement a HMBP. HSC 25505(a) and 25507(a)
<input type="checkbox"/> 1010002	HMBP not submitted to the CUPA in CERS. HSC 25508(a)(1)(A); 27 CCR 15188(a),(b),(d)
<input type="checkbox"/> 1010003	Business Activities &/or Business Owner/Operator page not completed in CERS. 19 CCR 2652(a)(1); SDCC 68.904(b); HSC 25508(a)(1)(A)
<input type="checkbox"/> 1010004	Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508.1(a-b); 19 CCR 2654 (a) or (d)
<input type="checkbox"/> 1010005	Site map not submitted in CERS or not sufficient. HSC 25505(a)(2); 25508.1(f); 19 CCR 2652(a)(3)
<input type="checkbox"/> 1010006	Failed to update HMBP in CERS within 30 days of a substantial change to any portion of the HMBP, including inventory changes or facility information. HSC 25508.1(a-f); 19 CCR 2654(d); SDCC 68.904(c)(6)
1 <input checked="" type="checkbox"/> 1010008	HMBP not certified annually as complete and accurate in CERS. HSC 25508(a)(1)(A), 25508.2, 19 CCR 2654(b)
<input type="checkbox"/> 1010010	Emergency response plan and procedures to mitigate a release or threatened release not adequate, not established or not submitted in CERS. HSC 25505(a)(3), 25508(a)(1)(A); 19 CCR 2658
<input type="checkbox"/> 1010011	Failure to notify property owner in writing that the business is subject to the HMBP program. HSC 25505.1
<input type="checkbox"/> 1010012	Failure to provide a copy of HMBP to the property owner within five working days upon request from property owner. HSC 25505.1
<input type="checkbox"/> 1010014	Failure to submit emergency response plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A); 19 CCR 2670, 2671
<input type="checkbox"/> 1010015	Failure to submit employee training plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A)
<input type="checkbox"/> 1010016	HMBP not established or submitted in CERS, when not meeting the remote site exemption. HSC 25507.2 and 25508(a)(1)(A)
<input type="checkbox"/> 1020001	Employee training and/or plan for safety procedures in the event of a release or threatened release of a hazardous material not adequate, not established or not submitted in CERS. HSC 25505(a)(4) and 25508(a)(1)(A); 19 CCR 2659(a)
<input type="checkbox"/> 1020002	Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)
<input type="checkbox"/> 1040001	Hazardous materials release or threatened release not immediately reported to the CUPA and OES upon discovery. HSC 25510(a); 19 CCR 2631(a)
<input type="checkbox"/> HMD1001	Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905; 68.906, 68.907
<input type="checkbox"/> HMD1005	Emergency contact not provided or current in CERS. HSC 25508.1(f); SDCC 68.904(b)
<input type="checkbox"/> HMD1007	Highly toxic gas (TLV<10 ppm) not disclosed in CERS. SDCC 68.1113(a)
<input type="checkbox"/> HMD1008	Annual carcinogen/reproductive toxin list not submitted in CERS. SDCC 68.1113(b)
<input type="checkbox"/> 1010017	HMBP not readily available to facility personnel or the CUPA. HSC 25505(c)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS ONLY

#	VIOLATION DESCRIPTION
<input type="checkbox"/> HMD0226	Did not accumulate waste in a container or tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2)
<input type="checkbox"/> 3030007	Failed to properly label/date hazardous waste container &/or tank. 22 CCR 66262.34(f)
<input type="checkbox"/> 3030010	Accumulated waste too long (>180 or 270 days) or (>90 days). HSC 25201(a), 25123.3(h)(1); 22 CCR 66262.34(d); 40 CFR 262.34(e) and/or (f)
<input type="checkbox"/> 3030013	Failed to accumulate hazardous waste in a container that is in good condition. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.171
<input type="checkbox"/> 3030015	Failed to accumulate or store hazardous waste in a lined &/or compatible container. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.172
<input type="checkbox"/> 3030017	Failed to properly close hazardous waste container(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.173
<input type="checkbox"/> 3030019	Failed to inspect hazardous waste storage area at least weekly. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.174
<input type="checkbox"/> 3030022	Failed to properly separate incompatible waste. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.177
<input type="checkbox"/> 3030030	Failed to maintain &/or operate facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.31
<input type="checkbox"/> 3030036	Failed to maintain adequate aisle space. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.35
<input type="checkbox"/> 3010022	Failed to post, next to the telephone, emergency information containing the location of emergency equipment, contact names and phone numbers. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(i)
<input type="checkbox"/> 3020001	Failure to ensure employees are thoroughly familiar with proper waste handling and emergency procedures during normal facility operations and emergencies. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iii)
<input type="checkbox"/> 3030032	Failed to maintain the following emergency response equipment or equivalent: 1) An internal communication or alarm system; 2) A communication device, such as a telephone; 3) Portable fire extinguishers, fire/spill control equipment and decontamination equipment; and 4) Water at adequate volume and pressure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.32
<input type="checkbox"/> 3030039	Failed to have an emergency coordinator on the premises or on call, and available during an emergency. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(i)
<input type="checkbox"/> HMD0412	Failed to implement and/or coordinate emergency response measures during an emergency, spill/release. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iv)

HAZARDOUS WASTE TANK SYSTEMS FOR SQGS ONLY

#	VIOLATION DESCRIPTION
<input type="checkbox"/> 3030024	Failed to operate uncovered tank to ensure at least 2 ft. of freeboard to prevent overtopping, unless the tank is equipped with a containment structure, a drainage control system, or a diversion structure with a capacity that equals or exceeds the volume of the top 2 ft. of the tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(c)



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Hazardous Materials and Hazardous Waste (continued)

- 3030025 Failed to provide an overfill protection device on continuously fed hazardous waste tank(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(4)
- 3030027 Failed to conduct daily tank inspection of discharge control system, monitoring equipment and waste level. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(1-3), 262.34(d)(3)
- 3030028 Failed to conduct weekly hazardous waste tank inspection(s) to detect signs of leakage and ensure that the construction materials, fixtures and surrounding areas of the tank are in good condition. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(4 & 5), 262.34(d)(3)
- 3050007 Failed to properly remove all waste upon closure, decontaminate, and document the closure of a hazardous waste tank system. 22 CCR 67383.3; 40 CFR 262.34(d)(3), 265.201(f)
- HMD1612 Hazardous waste improperly stored in a tank system causing leaks, corrosion, or failure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)
- HMD1614 Failed to pre-notify the CUPA in writing prior to closing a hazardous waste tank system. 22 CCR 67383.3(a)(1)
- HMD1615 Failed to properly accumulate ignitable or reactive waste in a tank system. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(g)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS AND LQGS

RECORD KEEPING/OPERATIONAL REQUIREMENTS

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> HMD0131 | Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. SDCC 68.905 |
| <input type="checkbox"/> HMD0150 | Failed to submit complete and accurate Facility Information in CERS. 27 CCR 15188(b-c); SDCC 68.904(b) |
| <input type="checkbox"/> 3030053 | Failed to maintain waste analysis records, analytical records &/or waste determination results for at least 3 years. 22 CCR 66262.40(c) |
| <input type="checkbox"/> 3010002 | Failed to obtain &/or maintain an active EPA ID Number. 22 CCR 66262.12(a) |
| <input type="checkbox"/> 3010008 | Failed to properly complete a uniform hazardous waste manifest. 22 CCR 66262.23(a) |
| <input type="checkbox"/> 3010009 | Failed to submit an Exception Report to DTSC for hazardous waste manifest. HSC 25123.3(h)(2); 22 CCR 66262.42(b), (c), &/or (d) |
| <input type="checkbox"/> 3010010 | Failed to maintain copies of Uniform Hazardous Waste Manifest, consolidated manifest, or Bills of Lading for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a), 66262.23(a)(3) |
| <input type="checkbox"/> 3010011 | Failed to send copy of the uniform hazardous waste manifest to DTSC within 30 days of shipment. 22 CCR 66262.23(a)(4) |
| <input type="checkbox"/> 3010013 | Failed to meet the consolidated manifesting requirements for waste shipment. HSC 25160.2(b)(3) &/or (c) |
| <input type="checkbox"/> 3010014 | Failed to retain at the generator's place of business disposal records of spent lead-acid batteries for at least 3 years. 22 CCR 66266.81(a)(4)(A) &/or (B) |
| <input type="checkbox"/> 3030006 | Failed to determine if a hazardous waste is restricted or prohibited from land disposal and has to be treated. 22 CCR 66268.7(a)(1) |
| <input type="checkbox"/> 3010016 | Failure of recycler who recycles more than 100 kilograms per month of a recyclable material to submit the biennial Recyclable Materials Report (RMR) in CERS when claiming exclusion or exemption. HSC 25143.10(a), (c) &/or (d) |
| <input type="checkbox"/> HMD0149 | Failed to keep disposal receipts for drained used oil filters and/or drained fuel filters for 3 years. HSC 25250.22; 22 CCR 66266.130(c)(5) |
| <input type="checkbox"/> HMD0152 | Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2) |
| <input type="checkbox"/> HMD0140 | Failed to have Land Disposal Restriction documentation onsite for 3 years. 22 CCR 66268.7(a)(8) |
| <input type="checkbox"/> 3250005 | Failed to obtain a Treatment, Storage and Disposal Facility (TSDF) permit or authorization to store/treat/dispose of hazardous waste. HSC 25201(a) |
| <input type="checkbox"/> 3050005 | Failed to have adequate records demonstrating claim of exemption or exclusion for recyclable materials. HSC 25143.2(f) |
| <input type="checkbox"/> HMD0142 | Failed to notify the CUPA in CERS for onsite hazardous waste treatment/tiered permitting. HSC 25201(a) |
| <input type="checkbox"/> HMD0138 | Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a); HSC 25185(a)(4) |

DISPOSAL AND TRANSPORTATION

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> 3010007 | Failed to prepare a hazardous waste manifest for the transport of a waste for off-site transfer, treatment, storage, or disposal. HSC 25160(b)(1) or (2), 25160.2(b)(9); 22 CCR 66262.20(a) |
| <input type="checkbox"/> 3030005 | Failed to make a proper waste determination. 22 CCR 66262.11, 66262.40(c) |
| <input type="checkbox"/> 3050001 | Failed to use a DTSC registered hazardous waste transporter to transport hazardous waste. HSC 25163(a) |
| <input type="checkbox"/> 3050002 | Failed to properly dispose of hazardous waste at an authorized facility. HSC 25189.5(a) |
| <input type="checkbox"/> HMD0308 | Impermissible dilution of hazardous waste. 22 CCR 66268.3(a) |
| <input type="checkbox"/> HMD0305 | Disposed of used oil illegally. HSC 25250.5(a), 25189.5(a) |
| <input type="checkbox"/> HMD0306 | Failed to properly dispose of oil-based paint &/or hazardous waste latex paint liquid. HSC 25217.1, 25189.5(a) |

STORAGE AND HANDLING

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> 3030001 | Failed to meet the management requirements when handling or storing spent lead-acid batteries. 22 CCR 66266.81(a) |
| <input type="checkbox"/> 3030003 | Failed to properly manage 'damaged' spent lead acid batteries so as to minimize the release of acid and lead and to protect the handlers and the environment 22 CCR 66266.81(b) |
| <input type="checkbox"/> 3030004 | Failed to properly manage, store, label &/or recycle used oil filters &/or used fuel filters. HSC 25250.22; 22 CCR 66266.130 |
| <input type="checkbox"/> 3050004 | Generator intentionally contaminated used oil with another hazardous waste other than minimal amounts of fuel. HSC 25250.7(a), (c) |
| <input type="checkbox"/> HMD0222 | Failed to properly label Excluded Recyclable Materials (ERM) accumulated in a container or tank. HSC 25143.9(a) |
| <input type="checkbox"/> HMD0216 | Failed to label hazardous material container within 10 days after the container was discovered to be mislabeled or inadequately labeled. HSC 25124(b)(3)(A); 22 CCR 66262.34(f) |
| <input type="checkbox"/> HMD0217 | Failed to repackage and properly label damaged/deteriorated hazardous material container within 96 hours. HSC 25124(b)(3)(B); 22 CCR 66262.34(f) |
| <input type="checkbox"/> HMD0219 | Failed to properly segregate used oil &/or fuel drained from filters. HSC 25250.22(b)(4); 22 CCR 66266.130(c)(6) |
| <input type="checkbox"/> 3030057 | Failed to comply with hazardous waste satellite container regulation. 22 CCR 66262.34(e) |
| <input type="checkbox"/> HMD0023 | Failed to properly empty container, failed to manage non-empty container, or inner liner removed from a container. 22 CCR 66261.7(b), (d), (e) &/or (r) |
| <input type="checkbox"/> 3030058 | Failed to mark date on empty container larger than 5 gallons &/or manage it within one year. 22 CCR 66261.7(f) |
| <input type="checkbox"/> 3030059 | Failure of the owner or operator managing laboratory hazardous waste in a laboratory accumulation area to comply with the quantity limitations, management, training, or documentation requirements. HSC 25200.3.1(b) |



COUNTY OF SAN DIEGO COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 04/25/2018 PAGE 6 OF 8
RECORD ID #: DEH2009-HUPFP-211638

Hazardous Materials and Hazardous Waste (continued)

UNIVERSAL WASTE HANDLER REQUIREMENTS

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> 3010004	Failed to obtain a California ID Number from DTSC or federal ID Number from USEPA prior to accumulating 5,000 kgs or more of Universal Waste. 22 CCR 66273.32(a-b)
<input type="checkbox"/> HMD0151	Failed to maintain universal waste handler training records for 3 years. 22 CCR 66273.36(c),(d)
<input type="checkbox"/> 3020003	Failed to properly train handlers of universal waste in universal waste management and response procedures. 22 CCR 66273.36(a),(b)
<input type="checkbox"/> 3030008	Failed to properly label or mark Universal Waste container, package, or pallet (excluding CESQUWG) 22 CCR 66273.34
<input type="checkbox"/> 3030011	Failed to properly dispose of Universal Waste within one year. 22 CCR 66273.35(a) &/or (b)
<input type="checkbox"/> HMD0147	Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2)
<input type="checkbox"/> 3030051	Failed to meet accumulation, labeling, marking, &/or containment standards for Universal Waste aerosol containers. HSC 25201.16(f)
<input type="checkbox"/> 3040004	Failed to manage universal waste in a manner to prevent release(s) to the environment. 22 CCR 66273.33; 66273.33.5
<input type="checkbox"/> HMD0307	Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a); 22 CCR 66273.31(a), 66273.8(b)
<input type="checkbox"/> 3010005	Failure of a universal handler of electronic devices or CRTs from an offsite source to notify DTSC 30 days prior to acceptance. 22 CCR 66273.32(c)
<input type="checkbox"/> 3030055	Failure of certified appliance recycler (CAR) to properly remove and dispose of all materials that require special handling (MRSH). HSC 25211.3, 25212, 25212(c)

HM-923 (06-17)



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Medical Waste Generators

Each violation checked below is for the section(s) of the California health and Safety Code (HSC), California Code of Regulation (CCR), or the San Diego County Code (SDCC) indicated in italics. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. UPF = Unified Program Facility; MW = Medical Waste; USPS = United States Postal Service; DOT = Department of Transportation

MEDICAL WASTE GENERATORS

STORAGE AND LABELING

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> HMD4201	UPF Permit not obtained. HSC 117705; SDCC 68.905, 68.906, 68.1202
<input type="checkbox"/> HMD4216	Failed to submit or report in CERS chemical inventory information for hazardous waste and/or medical waste, and keep up to date. SDCC 68.904(a)(2)
<input type="checkbox"/> HMD4202	Medical waste (MW) not separated from other waste at the point of origin. HSC 118275
<input type="checkbox"/> HMD4203	Enclosure or designated accumulation area for MW containers not secured. HSC 118307, 118310
<input type="checkbox"/> HMD4204	MW designated accumulation area not posted with an approved, legible biohazardous waste "warning sign" in English & Spanish or in another language, in addition to English which can be read from a distance of at least 25 feet. HSC 118310
<input type="checkbox"/> HMD4205	Medical SOLID WASTE not secured to deny access to unauthorized persons. SDCC 68.1211
<input type="checkbox"/> HMD4206	Leak or spill of MW not properly decontaminated. HSC 118300
<input type="checkbox"/> HMD4207	Sharps not stored in approved container or labeled with the words "sharps waste" or with the international biohazard symbol and the word "BIOHAZARD". HSC 118285(a) & (d)
<input type="checkbox"/> HMD4208	Full sharps container not taped closed or tightly-lidded to preclude loss of contents. HSC 118285(b)
<input type="checkbox"/> HMD4209	Primary containers accumulating MW not labeled with an electronic tracking system label or a label with generator's name, address and phone number. SDCC 68.1205
<input type="checkbox"/> HMD4210	Medical waste not stored in approved and properly marked biohazard bags. HSC 118275(a)
<input type="checkbox"/> HMD4211	Biohazard bags not tied off to prevent leakage or expulsion of contents during storage and handling. HSC 118280(a)
<input type="checkbox"/> HMD4212	Biohazardous bags not containerized in rigid, leak resistant, and covered containers or bins when placed for storage, handling, or transport. HSC 118280(c)
<input type="checkbox"/> HMD4213	Waste container or bin not labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD" on the lid and sides. HSC 118280(c)
<input type="checkbox"/> HMD4214	Reusable containers or bins for MW storage not thoroughly washed and decontaminated and maintained in a clean and sanitary manner. HSC 118295, 118305
<input type="checkbox"/> HMD4215	Frozen (0°C/32°F) biohazardous waste stored for not more than 90 days. HSC 118280(e)(2)
<input type="checkbox"/> HMD4306	Full sharps container stored not more than 30 days at >0°C. HSC 118285(c)
<input type="checkbox"/> HMD4307	Biohazard bag waste stored not more than 7 days at >0°C (for generators of 20 or more pounds a month). HSC 118280(e)(1)(A)
<input type="checkbox"/> HMD4308	Biohazard bag waste stored >30 days at >0°C (for generators of <20lbs/month). HSC 118280(e)(1)(B)
<input type="checkbox"/> HMD4219	MW interim storage area not marked with warning signs or international biohazard symbol legible from a distance of 5 feet. HSC 118307, 118310
<input type="checkbox"/> HMD4220	MW interim storage area not properly secured. HSC 118307

TREATMENT AND DISPOSAL

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> HMD4251	MW treated by unapproved method/procedure. HSC 118215
<input type="checkbox"/> HMD4252	Standard written operating procedures for steam sterilization not established. HSC 118215(a)(2)(A)
<input type="checkbox"/> HMD4253	Recording thermometer not calibrated annually. HSC 118215(a)(2)(B)
<input type="checkbox"/> HMD4254	No records of annual thermometer calibration checks onsite for at least the past 2 years. HSC 118215(a)(2)(B)
<input type="checkbox"/> HMD4255	Heat-sensitive tape or other approved method not used for each load treated onsite. HSC 118215(a)(2)(C)
<input type="checkbox"/> HMD4256	Monthly biological indicator or other approved indicator not used to confirm proper sterilization. HSC 118215(a)(2)(D)
<input type="checkbox"/> HMD4257	Onsite steam sterilization did not reach 121° C (250° F) for at least 30 minutes. HSC 118215(a)(2)(B)
<input type="checkbox"/> HMD4258	Treatment records or logs of dates, time, and temperature not maintained for at least 2 years. HSC 118215(a)(2)(E)
<input type="checkbox"/> HMD4259	Disposal of untreated MW to an unauthorized point. HSC 118340

TRANSPORTATION REQUIREMENTS

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> HMD4260	Transportation of MW without State Hauler Registration, USPS or requirements of the DOT "Materials of Trade Exceptions." HSC 118025
<input type="checkbox"/> HMD4311	Medical waste tracking documents or logs not in vehicle transporting medical waste. HSC 118040(a)
<input type="checkbox"/> HMD4313	Medical waste tracking documents or logs not complete. HSC 118040(b)

SMALL QUANTITY GENERATORS ONLY

(<200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> HMD4301	Medical Waste Management Plan (MWMP) not submitted to HMD (initial/updates), if onsite treatment. HSC 117935
<input type="checkbox"/> HMD4302	Did not maintain and show proof of "onsite" medical waste treatment records for 3 years. HSC 117943
<input type="checkbox"/> HMD4303	Did not maintain on file disposal receipts, tracking or shipping documents for medical waste shipped offsite for at least 3 years. HSC 117945
<input type="checkbox"/> HMD4309	MWMP or equivalent information not onsite (only for SQG doing onsite treatment or comply with pharmaceutical waste hauling exemption). HSC 117935, 118032
<input type="checkbox"/> HMD4310	Did not meet the requirements of the pharmaceutical waste hauling exemption. HSC 118032

LARGE QUANTITY GENERATORS ONLY



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 04/25/2018 PAGE 8 OF 8
 RECORD ID #: DEH2009-HUPFP-211638

Medical Waste Generators (continued)

(>= 200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> HMD4351 | MWMP not submitted to HMD (initial/updates) or incomplete. HSC 117960, 117970 |
| <input type="checkbox"/> HMD4352 | Records of medical waste treatment not available for 2 years. HSC 117975, 118215(a)(2)(E) |
| <input type="checkbox"/> HMD4353 | Did not make available disposal receipts, tracking or shipping documents for at least 2 years for medical waste shipped offsite. HSC 117975 |

LOG MW ONSITE TREATMENT FACILITY

(>= 200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> HMD4501 | Onsite MW treatment permit not obtained or renewed. HSC 117950, 118130; CCR 65620, 65623 |
| <input type="checkbox"/> HMD4502 | Current copy of the MW treatment permit not available. HSC 118165, 118180; CCR 65621(f), 65623 |
| <input type="checkbox"/> HMD4503 | Condition(s) of the MW treatment permit violated. CCR 65623 |
| <input type="checkbox"/> HMD4504 | Operators who treat medical waste not trained in proper equipment use, proper protective equipment to wear and if necessary, proper cleanup of spills. HSC 117967(a) |
| <input type="checkbox"/> HMD4505 | Initial and/or annual training for operators that treat medical waste not provided. HSC 117967(b) |
| <input type="checkbox"/> HMD4506 | Initial and/or annual training documentation for operators that treat medical waste not available for two years. HSC 117967(c) |

CHEMOTHERAPY, PATHOLOGY, PHARMACEUTICAL HAZARDOUS & UNIVERSAL WASTES

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> HMD4401 | Trace chemotherapy waste not segregated from other MW. HSC 118275(a)(4) |
| <input type="checkbox"/> HMD4402 | Trace chemotherapy waste container not labeled "Chemotherapy Waste" or "CHEMO" on the lid and the sides. HSC 118275(a)(4) |
| <input type="checkbox"/> HMD4403 | Illegal disposal of chemotherapy waste. HSC 118340 |
| <input type="checkbox"/> HMD4411 | Pathology waste not segregated from other MW. HSC 118275(a)(5) |
| <input type="checkbox"/> HMD4412 | Pathology waste container not labeled "Pathology Waste" or "PATH" on the lid and the sides. HSC 118275(a)(5) |
| <input type="checkbox"/> HMD4413 | Illegal disposal of pathology waste. HSC 118340 |
| <input type="checkbox"/> HMD4421 | Pharmaceutical waste not segregated from other MW. HSC 118275(a)(6) |
| <input type="checkbox"/> HMD4422 | Pharmaceutical waste not labeled "HIGH HEAT" or "INCINERATION ONLY" on the lid and the sides. HSC 118275(a)(6) |
| <input type="checkbox"/> HMD4423 | Pharmaceutical waste stored more than 90 days when container is full, or stored longer than one year (maximum allowable time). HSC 118280(f) |
| <input type="checkbox"/> HMD4432 | Illegal disposal of pharmaceutical waste. HSC 118340, 118222(b) |
| <input type="checkbox"/> HMD4441 | Disposal of photo/hazwaste to an unauthorized point. HSC 25189.5 |
| <input type="checkbox"/> HMD0147 | Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2) |
| <input type="checkbox"/> HMD0307 | Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a), 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a), 66273.8(b) |

HM-9255 MW (06-17)



COUNTY OF SAN DIEGO

CORRECTIVE ACTION FORM TO DOCUMENT RETURN TO COMPLIANCE

FACILITY NAME: Agilent Technologies
 ADDRESS: 11011 N TORREY PINES RD
 CITY/ZIP: LA JOLLA /92037

INSPECTION DATE: 04/25/2018
 RECORD ID #: DEH2009-HUPFP-211638
 SPECIALIST: Zoraida Herrera
 INSPECTION CONTACT: Daniel Mac Neil
 TITLE: EHS Specialist
 PHONE: (858) 373-6420
 E-MAIL: dan.macneil@agilent.com

VIOL#	DATE CORRECTED	INDICATE HOW VIOLATIONS WERE CORRECTED (Attach Any Supporting Documentation)	DUE DATE
#1 1010008	04/25/2018	Corrected during inspection	05/25/2018

I certify under penalty of law that this facility has corrected all violations marked on the Compliance Inspection Report/Notice of Violation. I have personally examined and am familiar with the information submitted and believe the information is true, accurate and complete. I am authorized to file this certification for the facility, and am aware that there are significant penalties for submitting false information.

PRINTED NAME OF FACILITY REPRESENTATIVE	SIGNATURE	DATE SIGNED
TITLE OF FACILITY REPRESENTATIVE		

SEND COMPLETED FORM AND SUPPORTING DOCUMENTATION TO THE ADDRESS LISTED BELOW

COUNTY OF SAN DIEGO USE ONLY

REVIEWED BY: _____ DATE: _____

SPECIALIST'S COMMENTS:

- All violations noted on date listed above were corrected
- Based On Information Provided By The Facility RTC entered by Specialist on: _____
- Based On Field Verification By Specialist RTC entered by Office Assistant on: _____

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
<http://www.sdcdeh.org> 858-505-6880



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: Agilent Technologies
 ADDRESS: 11011 N TORREY PINES RD
 CITY/ZIP: LA JOLLA /92037

INSPECTION DATE: 04/25/2018 PAGE 1 OF 7
 RECORD ID #: DEH2009-HUPFP-211638
 TIME START: 9:50 AM END: 12:40 PM
 SPECIALIST: Zoraida Herrera
 INSPECTION CONTACT: Daniel Mac Neil
 TITLE: EHS Specialist
 PHONE: (858) 373-6420
 E-MAIL: dan.macneil@agilent.com

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). **This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6.** This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit Current	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contingency Plan Available <input type="checkbox"/> LQG <input checked="" type="checkbox"/> SQG
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hazardous Materials Business Plan Available	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training Records Available
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training is Adequate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Universal Waste Managed Properly
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Disposal Records Available for Review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers <input checked="" type="checkbox"/> Closed <input checked="" type="checkbox"/> Labeled
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Emergency Contacts Current <input type="checkbox"/> Updated today	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers in Good Condition
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Inventory/Map Current <input type="checkbox"/> Updated today			Permit Expires On <u>08/31/2018</u>

CONSENT TO CONDUCT INSPECTION GRANTED BY: Daniel Mac Neil

TITLE: EHS Specialist

INTRODUCTION:

ROUTINE INSPECTION (SUMMARY OF VIOLATIONS)

A routine inspection for hazardous materials, hazardous waste, and medical waste was conducted on 04/25/18. This is a summary of violations found during today's inspection. Violations will be added/removed upon further review of the observations and/or regulations.

A full inspection report will be issued within 5 days.

VIOLATION # 1

1010008 HMBP not certified annually as complete and accurate in CERS. HSC 25508(a)(1)(A), 25508.2, 19 CCR 2654(b)

Classification: PLEASE SELECT

Observations:

INSPECTION REMARKS:

Helpful Websites:

- For guidance documents on hazardous materials-related topics, go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS), go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations, go to: <http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails: <https://public.govdelivery.com/accounts/CASAND/subscriber/new>



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 04/25/2018 PAGE 2 OF 7
RECORD ID #: DEH2009-HUPFP-211638

If you have any questions regarding this inspection, please contact Zoraida Herrera, (619) 454-9682,
Zoraida.Herrera@sdcounty.ca.gov

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE Daniel Mac Neil		DATE SIGNED 4-25-18
TITLE OF FACILITY REPRESENTATIVE EHS Specialist		

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (858) 505-6880 <http://www.sdcdeh.org>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT Handlers of Hazardous Materials and Small and Large Quantity Generators of Hazardous Waste

INSPECTION DATE: 04/25/2018 PAGE 3 OF 7
RECORD ID #: DEH2009-HUPFP-211638

FACILITY NAME: * **Agilent Technologies**

ADDRESS: * **11011 N TORREY PINES RD**

CITY/ZIP: * **LA JOLLA**

92037

Each violation checked below is for the section(s) of the California Health and Safety Code (HSC), California Code of Regulations (CCR), or the San Diego County Code (SDCC) indicated in italics. Incorporated provisions of Title 40 of the Code of Federal regulations (CFR) are noted for reference. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. HMBP = Hazardous Materials Business Plan; CUPA = Certified Unified Program Agency; CERS = California Environmental Reporting System; SQG = Small Quantity Hazardous Waste Generator; LQG = Large Quantity Hazardous Waste Generator

HAZARDOUS MATERIALS REQUIREMENTS

#	VIOLATION DESCRIPTION
<input type="checkbox"/> 1010001	Failed to establish and implement a HMBP. HSC 25505(a) and 25507(a)
<input type="checkbox"/> 1010002	HMBP not submitted to the CUPA in CERS. HSC 25508(a)(1)(A); 27 CCR 15188(a),(b),(d)
<input type="checkbox"/> 1010003	Business Activities &/or Business Owner/Operator page not completed in CERS. 19 CCR 2652(a)(1); SDCC 68.904(b); HSC 25508(a)(1)(A)
<input type="checkbox"/> 1010004	Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508.1(a-b); 19 CCR 2654 (a) or (d)
<input type="checkbox"/> 1010005	Site map not submitted in CERS or not sufficient. HSC 25505(a)(2); 25508.1(f); 19 CCR 2652(a)(3)
<input type="checkbox"/> 1010006	Failed to update HMBP in CERS within 30 days of a substantial change to any portion of the HMBP, including inventory changes or facility information. HSC 25508.1(a-f); 19 CCR 2654(d); SDCC 68.904(c)(6)
1 <input checked="" type="checkbox"/> 1010008	HMBP not certified annually as complete and accurate in CERS. HSC 25508(a)(1)(A), 25508.2, 19 CCR 2654(b)
<input type="checkbox"/> 1010010	Emergency response plan and procedures to mitigate a release or threatened release not adequate, not established or not submitted in CERS. HSC 25505(a)(3), 25508(a)(1)(A); 19 CCR 2658
<input type="checkbox"/> 1010011	Failure to notify property owner in writing that the business is subject to the HMBP program. HSC 25505.1
<input type="checkbox"/> 1010012	Failure to provide a copy of HMBP to the property owner within five working days upon request from property owner. HSC 25505.1
<input type="checkbox"/> 1010014	Failure to submit emergency response plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A); 19 CCR 2670, 2671
<input type="checkbox"/> 1010015	Failure to submit employee training plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A)
<input type="checkbox"/> 1010016	HMBP not established or submitted in CERS, when not meeting the remote site exemption. HSC 25507.2 and 25508(a)(1)(A)
<input type="checkbox"/> 1020001	Employee training and/or plan for safety procedures in the event of a release or threatened release of a hazardous material not adequate, not established or not submitted in CERS. HSC 25505(a)(4) and 25508(a)(1)(A); 19 CCR 2659(a)
<input type="checkbox"/> 1020002	Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)
<input type="checkbox"/> 1040001	Hazardous materials release or threatened release not immediately reported to the CUPA and OES upon discovery. HSC 25510(a); 19 CCR 2631(a)
<input type="checkbox"/> HMD1001	Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905; 68.906, 68.907
<input type="checkbox"/> HMD1005	Emergency contact not provided or current in CERS. HSC 25508.1(f); SDCC 68.904(b)
<input type="checkbox"/> HMD1007	Highly toxic gas (TLV<10 ppm) not disclosed in CERS. SDCC 68.1113(a)
<input type="checkbox"/> HMD1008	Annual carcinogen/reproductive toxin list not submitted in CERS. SDCC 68.1113(b)
<input type="checkbox"/> 1010017	HMBP not readily available to facility personnel or the CUPA. HSC 25505(c)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS ONLY

#	VIOLATION DESCRIPTION
<input type="checkbox"/> HMD0226	Did not accumulate waste in a container or tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2)
<input type="checkbox"/> 3030007	Failed to properly label/date hazardous waste container &/or tank. 22 CCR 66262.34(f)
<input type="checkbox"/> 3030010	Accumulated waste too long (>180 or 270 days) or (>90 days). HSC 25201(a), 25123.3(h)(1); 22 CCR 66262.34(d); 40 CFR 262.34(e) and/or (f)
<input type="checkbox"/> 3030013	Failed to accumulate hazardous waste in a container that is in good condition. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.171
<input type="checkbox"/> 3030015	Failed to accumulate or store hazardous waste in a lined &/or compatible container. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.172
<input type="checkbox"/> 3030017	Failed to properly close hazardous waste container(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.173
<input type="checkbox"/> 3030019	Failed to inspect hazardous waste storage area at least weekly. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.174
<input type="checkbox"/> 3030022	Failed to properly separate incompatible waste. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.177
<input type="checkbox"/> 3030030	Failed to maintain &/or operate facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.31
<input type="checkbox"/> 3030036	Failed to maintain adequate aisle space. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.35
<input type="checkbox"/> 3010022	Failed to post, next to the telephone, emergency information containing the location of emergency equipment, contact names and phone numbers. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(ii)
<input type="checkbox"/> 3020001	Failure to ensure employees are thoroughly familiar with proper waste handling and emergency procedures during normal facility operations and emergencies. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iii)
<input type="checkbox"/> 3030032	Failed to maintain the following emergency response equipment or equivalent: 1) An internal communication or alarm system; 2) A communication device, such as a telephone; 3) Portable fire extinguishers, fire/spill control equipment and decontamination equipment; and 4) Water at adequate volume and pressure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.32
<input type="checkbox"/> 3030039	Failed to have an emergency coordinator on the premises or on call, and available during an emergency. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(i)
<input type="checkbox"/> HMD0412	Failed to implement and/or coordinate emergency response measures during an emergency, spill/release. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iv)

HAZARDOUS WASTE TANK SYSTEMS FOR SQGS ONLY

#	VIOLATION DESCRIPTION
<input type="checkbox"/> 3030024	Failed to operate uncovered tank to ensure at least 2 ft. of freeboard to prevent overtopping, unless the tank is equipped with a containment structure, a drainage control system, or a diversion structure with a capacity that equals or exceeds the volume of the top 2 ft. of the tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(c)



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Hazardous Materials and Hazardous Waste (continued)

- 3030025 Failed to provide an overfill protection device on continuously fed hazardous waste tank(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(4)
- 3030027 Failed to conduct daily tank inspection of discharge control system, monitoring equipment and waste level. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(1-3), 262.34(d)(3)
- 3030028 Failed to conduct weekly hazardous waste tank inspection(s) to detect signs of leakage and ensure that the construction materials, fixtures and surrounding areas of the tank are in good condition. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(4 & 5), 262.34(d)(3)
- 3050007 Failed to properly remove all waste upon closure, decontaminate, and document the closure of a hazardous waste tank system. 22 CCR 67383.3; 40 CFR 262.34(d)(3), 265.201(f)
- HMD1612 Hazardous waste improperly stored in a tank system causing leaks, corrosion, or failure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)
- HMD1614 Failed to pre-notify the CUPA in writing prior to closing a hazardous waste tank system. 22 CCR 67383.3(a)(1)
- HMD1615 Failed to properly accumulate ignitable or reactive waste in a tank system. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(g)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS AND LQGS

RECORD KEEPING/OPERATIONAL REQUIREMENTS

- # VIOLATION DESCRIPTION
- HMD0131 Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. SDCC 68.905
 - HMD0150 Failed to submit complete and accurate Facility Information in CERS. 27 CCR 15188(b-c); SDCC 68.904(b)
 - 3030053 Failed to maintain waste analysis records, analytical records &/or waste determination results for at least 3 years. 22 CCR 66262.40(c)
 - 3010002 Failed to obtain &/or maintain an active EPA ID Number. 22 CCR 66262.12(a)
 - 3010008 Failed to properly complete a uniform hazardous waste manifest. 22 CCR 66262.23(a)
 - 3010009 Failed to submit an Exception Report to DTSC for hazardous waste manifest. HSC 25123.3(h)(2); 22 CCR 66262.42(b), (c), &/or (d)
 - 3010010 Failed to maintain copies of Uniform Hazardous Waste Manifest, consolidated manifest, or Bills of Lading for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a), 66262.23(a)(3)
 - 3010011 Failed to send copy of the uniform hazardous waste manifest to DTSC within 30 days of shipment. 22 CCR 66262.23(a)(4)
 - 3010013 Failed to meet the consolidated manifesting requirements for waste shipment. HSC 25160.2(b)(3) &/or (c)
 - 3010014 Failed to retain at the generator's place of business disposal records of spent lead-acid batteries for at least 3 years. 22 CCR 66266.81(a)(4)(A) &/or (B)
 - 3030006 Failed to determine if a hazardous waste is restricted or prohibited from land disposal and has to be treated. 22 CCR 66268.7(a)(1)
 - 3010016 Failure of recycler who recycles more than 100 kilograms per month of a recyclable material to submit the biennial Recyclable Materials Report (RMR) in CERS when claiming exclusion or exemption. HSC 25143.10(a), (c) &/or (d)
 - HMD0149 Failed to keep disposal receipts for drained used oil filters and/or drained fuel filters for 3 years. HSC 25250.22; 22 CCR 66266.130(c)(5)
 - HMD0152 Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2)
 - HMD0140 Failed to have Land Disposal Restriction documentation onsite for 3 years. 22 CCR 66268.7(a)(8)
 - 3250005 Failed to obtain a Treatment, Storage and Disposal Facility (TSDF) permit or authorization to store/treat/dispose of hazardous waste. HSC 25201(a)
 - 3050005 Failed to have adequate records demonstrating claim of exemption or exclusion for recyclable materials. HSC 25143.2(f)
 - HMD0142 Failed to notify the CUPA in CERS for onsite hazardous waste treatment/tiered permitting. HSC 25201(a)
 - HMD0138 Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a); HSC 25185(a)(4)

DISPOSAL AND TRANSPORTATION

- # VIOLATION DESCRIPTION
- 3010007 Failed to prepare a hazardous waste manifest for the transport of a waste for off-site transfer, treatment, storage, or disposal. HSC 25160(b)(1) or (2), 25160.2(b)(9); 22 CCR 66262.20(a)
 - 3030005 Failed to make a proper waste determination. 22 CCR 66262.11, 66262.40(c)
 - 3050001 Failed to use a DTSC registered hazardous waste transporter to transport hazardous waste. HSC 25163(a)
 - 3050002 Failed to properly dispose of hazardous waste at an authorized facility. HSC 25189.5(a)
 - HMD0308 Impermissible dilution of hazardous waste. 22 CCR 66268.3(a)
 - HMD0305 Disposed of used oil illegally. HSC 25250.5(a), 25189.5(a)
 - HMD0306 Failed to properly dispose of oil-based paint &/or hazardous waste latex paint liquid. HSC 25217.1, 25189.5(a)

STORAGE AND HANDLING

- # VIOLATION DESCRIPTION
- 3030001 Failed to meet the management requirements when handling or storing spent lead-acid batteries. 22 CCR 66266.81(a)
 - 3030003 Failed to properly manage 'damaged' spent lead acid batteries so as to minimize the release of acid and lead and to protect the handlers and the environment. 22 CCR 66266.81(b)
 - 3030004 Failed to properly manage, store, label &/or recycle used oil filters &/or used fuel filters. HSC 25250.22; 22 CCR 66266.130
 - 3050004 Generator intentionally contaminated used oil with another hazardous waste other than minimal amounts of fuel. HSC 25250.7(a), (c)
 - HMD0222 Failed to properly label Excluded Recyclable Materials (ERM) accumulated in a container or tank. HSC 25143.9(a)
 - HMD0216 Failed to label hazardous material container within 10 days after the container was discovered to be mislabeled or inadequately labeled. HSC 25124(b)(3)(A); 22 CCR 66262.34(f)
 - HMD0217 Failed to repackage and properly label damaged/deteriorated hazardous material container within 96 hours. HSC 25124(b)(3)(B); 22 CCR 66262.34(f)
 - HMD0219 Failed to properly segregate used oil &/or fuel drained from filters. HSC 25250.22(b)(4); 22 CCR 66266.130(c)(6)
 - 3030057 Failed to comply with hazardous waste satellite container regulation. 22 CCR 66262.34(e)
 - HMD0023 Failed to properly empty container, failed to manage non-empty container, or inner liner removed from a container. 22 CCR 66261.7(b), (d), (e) &/or (r)
 - 3030058 Failed to mark date on empty container larger than 5 gallons &/or manage it within one year. 22 CCR 66261.7(f)
 - 3030059 Failure of the owner or operator managing laboratory hazardous waste in a laboratory accumulation area to comply with the quantity limitations, management, training, or documentation requirements. HSC 25200.3.1(b)



COUNTY OF SAN DIEGO COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 04/25/2018 PAGE 5 OF 7
RECORD ID #: DEH2009-HUPFP-211638

Hazardous Materials and Hazardous Waste (continued)

UNIVERSAL WASTE HANDLER REQUIREMENTS

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> 3010004	Failed to obtain a California ID Number from DTSC or federal ID Number from USEPA prior to accumulating 5,000 kgs or more of Universal Waste. 22 CCR 66273.32(a-b)
<input type="checkbox"/> HMD0151	Failed to maintain universal waste handler training records for 3 years. 22 CCR 66273.36(c),(d)
<input type="checkbox"/> 3020003	Failed to properly train handlers of universal waste in universal waste management and response procedures. 22 CCR 66273.36(a),(b)
<input type="checkbox"/> 3030008	Failed to properly label or mark Universal Waste container, package, or pallet (excluding CESQUWG) 22 CCR 66273.34
<input type="checkbox"/> 3030011	Failed to properly dispose of Universal Waste within one year. 22 CCR 66273.35(a) &/or (b)
<input type="checkbox"/> HMD0147	Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2)
<input type="checkbox"/> 3030051	Failed to meet accumulation, labeling, marking, &/or containment standards for Universal Waste aerosol containers. HSC 25201.16(f)
<input type="checkbox"/> 3040004	Failed to manage universal waste in a manner to prevent release(s) to the environment. 22 CCR 66273.33; 66273.33.5
<input type="checkbox"/> HMD0307	Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a); 22 CCR 66273.31(a), 66273.8(b)
<input type="checkbox"/> 3010005	Failure of a universal handler of electronic devices or CRTs from an offsite source to notify DTSC 30 days prior to acceptance. 22 CCR 66273.32(c)
<input type="checkbox"/> 3030055	Failure of certified appliance recycler (CAR) to properly remove and dispose of all materials that require special handling (MRSH). HSC 25211.3, 25212, 25212(c)

HM-923 (06-17)



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 04/25/2018 PAGE 6 OF 7
 RECORD ID #: DEH2009-HUPFP-211638

Medical Waste Generators

Each violation checked below is for the section(s) of the California health and Safety Code (HSC), California Code of Regulation (CCR), or the San Diego County Code (SDCC) indicated in italics. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. UPF = Unified Program Facility; MW = Medical Waste; USPS = United States Postal Service; DOT = Department of Transportation

MEDICAL WASTE GENERATORS

STORAGE AND LABELING

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> HMD4201 | UPF Permit not obtained. HSC 117705; SDCC 68.905, 68.906, 68.1202 |
| <input type="checkbox"/> HMD4216 | Failed to submit or report in CERS chemical inventory information for hazardous waste and/or medical waste, and keep up to date. SDCC 68.904(a)(2) |
| <input type="checkbox"/> HMD4202 | Medical waste (MW) not separated from other waste at the point of origin. HSC 118275 |
| <input type="checkbox"/> HMD4203 | Enclosure or designated accumulation area for MW containers not secured. HSC 118307, 118310 |
| <input type="checkbox"/> HMD4204 | MW designated accumulation area not posted with an approved, legible biohazardous waste "warning sign" in English & Spanish or in another language, in addition to English which can be read from a distance of at least 25 feet. HSC 118310 |
| <input type="checkbox"/> HMD4205 | Medical SOLID WASTE not secured to deny access to unauthorized persons. SDCC 68.1211 |
| <input type="checkbox"/> HMD4206 | Leak or spill of MW not properly decontaminated. HSC 118300 |
| <input type="checkbox"/> HMD4207 | Sharps not stored in approved container or labeled with the words "sharps waste" or with the international biohazard symbol and the word "BIOHAZARD". HSC 118285(a) & (d) |
| <input type="checkbox"/> HMD4208 | Full sharps container not taped closed or tightly-lidded to preclude loss of contents. HSC 118285(b) |
| <input type="checkbox"/> HMD4209 | Primary containers accumulating MW not labeled with an electronic tracking system label or a label with generator's name, address and phone number. SDCC 68.1205 |
| <input type="checkbox"/> HMD4210 | Medical waste not stored in approved and properly marked biohazard bags. HSC 118275(a) |
| <input type="checkbox"/> HMD4211 | Biohazard bags not tied off to prevent leakage or expulsion of contents during storage and handling. HSC 118280(a) |
| <input type="checkbox"/> HMD4212 | Biohazardous bags not containerized in rigid, leak resistant, and covered containers or bins when placed for storage, handling, or transport. HSC 118280(c) |
| <input type="checkbox"/> HMD4213 | Waste container or bin not labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD" on the lid and sides. HSC 118280(c) |
| <input type="checkbox"/> HMD4214 | Reusable containers or bins for MW storage not thoroughly washed and decontaminated and maintained in a clean and sanitary manner. HSC 118295, 118305 |
| <input type="checkbox"/> HMD4215 | Frozen (0°C/32°F) biohazardous waste stored for not more than 90 days. HSC 118280(e)(2) |
| <input type="checkbox"/> HMD4306 | Full sharps container stored not more than 30 days at >0°C. HSC 118285(c) |
| <input type="checkbox"/> HMD4307 | Biohazard bag waste stored not more than 7 days at >0°C (for generators of 20 or more pounds a month). HSC 118280(e)(1)(A) |
| <input type="checkbox"/> HMD4308 | Biohazard bag waste stored >30 days at >0°C (for generators of <20lbs/month). HSC 118280(e)(1)(B) |
| <input type="checkbox"/> HMD4219 | MW interim storage area not marked with warning signs or international biohazard symbol legible from a distance of 5 feet. HSC 118307, 118310 |
| <input type="checkbox"/> HMD4220 | MW interim storage area not properly secured. HSC 118307 |

TREATMENT AND DISPOSAL

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> HMD4251 | MW treated by unapproved method/procedure. HSC 118215 |
| <input type="checkbox"/> HMD4252 | Standard written operating procedures for steam sterilization not established. HSC 118215(a)(2)(A) |
| <input type="checkbox"/> HMD4253 | Recording thermometer not calibrated annually. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> HMD4254 | No records of annual thermometer calibration checks onsite for at least the past 2 years. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> HMD4255 | Heat-sensitive tape or other approved method not used for each load treated onsite. HSC 118215(a)(2)(C) |
| <input type="checkbox"/> HMD4256 | Monthly biological indicator or other approved indicator not used to confirm proper sterilization. HSC 118215(a)(2)(D) |
| <input type="checkbox"/> HMD4257 | Onsite steam sterilization did not reach 121° C (250° F) for at least 30 minutes. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> HMD4258 | Treatment records or logs of dates, time, and temperature not maintained for at least 2 years. HSC 118215(a)(2)(E) |
| <input type="checkbox"/> HMD4259 | Disposal of untreated MW to an unauthorized point. HSC 118340 |

TRANSPORTATION REQUIREMENTS

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> HMD4260 | Transportation of MW without State Hauler Registration, USPS or requirements of the DOT "Materials of Trade Exceptions." HSC 118025 |
| <input type="checkbox"/> HMD4311 | Medical waste tracking documents or logs not in vehicle transporting medical waste. HSC 118040(a) |
| <input type="checkbox"/> HMD4313 | Medical waste tracking documents or logs not complete. HSC 118040(b) |

SMALL QUANTITY GENERATORS ONLY

(<200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> HMD4301 | Medical Waste Management Plan (MWMP) not submitted to HMD (initial/updates), if onsite treatment. HSC 117935 |
| <input type="checkbox"/> HMD4302 | Did not maintain and show proof of "onsite" medical waste treatment records for 3 years. HSC 117943 |
| <input type="checkbox"/> HMD4303 | Did not maintain on file disposal receipts, tracking or shipping documents for medical waste shipped offsite for at least 3 years. HSC 117945 |
| <input type="checkbox"/> HMD4309 | MWMP or equivalent information not onsite (only for SQG doing onsite treatment or comply with pharmaceutical waste hauling exemption). HSC 117935, 118032 |
| <input type="checkbox"/> HMD4310 | Did not meet the requirements of the pharmaceutical waste hauling exemption. HSC 118032 |

LARGE QUANTITY GENERATORS ONLY



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Medical Waste Generators (continued)

INSPECTION DATE: **04/25/2018**
RECORD ID #: **DEH2009-HUPFP-211638**

PAGE **7** OF **7**

(>= 200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> HMD4351 | MWMP not submitted to HMD (initial/updates) or incomplete. HSC 117960, 117970 |
| <input type="checkbox"/> HMD4352 | Records of medical waste treatment not available for 2 years. HSC 117975, 118215(a)(2)(E) |
| <input type="checkbox"/> HMD4353 | Did not make available disposal receipts, tracking or shipping documents for at least 2 years for medical waste shipped offsite. HSC 117975 |

LQG MW ONSITE TREATMENT FACILITY

(>= 200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> HMD4501 | Onsite MW treatment permit not obtained or renewed. HSC 117950, 118130; CCR 65620, 65623 |
| <input type="checkbox"/> HMD4502 | Current copy of the MW treatment permit not available. HSC 118165, 118180; CCR 65621(f), 65623 |
| <input type="checkbox"/> HMD4503 | Condition(s) of the MW treatment permit violated. CCR 65623 |
| <input type="checkbox"/> HMD4504 | Operators who treat medical waste not trained in proper equipment use, proper protective equipment to wear and if necessary, proper cleanup of spills. HSC 117967(a) |
| <input type="checkbox"/> HMD4505 | Initial and/or annual training for operators that treat medical waste not provided. HSC 117967(b) |
| <input type="checkbox"/> HMD4506 | Initial and/or annual training documentation for operators that treat medical waste not available for two years. HSC 117967(c) |

CHEMOTHERAPY, PATHOLOGY, PHARMACEUTICAL HAZARDOUS & UNIVERSAL WASTES

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> HMD4401 | Trace chemotherapy waste not segregated from other MW. HSC 118275(a)(4) |
| <input type="checkbox"/> HMD4402 | Trace chemotherapy waste container not labeled "Chemotherapy Waste" or "CHEMO" on the lid and the sides. HSC 118275(a)(4) |
| <input type="checkbox"/> HMD4403 | Illegal disposal of chemotherapy waste. HSC 118340 |
| <input type="checkbox"/> HMD4411 | Pathology waste not segregated from other MW. HSC 118275(a)(5) |
| <input type="checkbox"/> HMD4412 | Pathology waste container not labeled "Pathology Waste" or "PATH" on the lid and the sides. HSC 118275(a)(5) |
| <input type="checkbox"/> HMD4413 | Illegal disposal of pathology waste. HSC 118340 |
| <input type="checkbox"/> HMD4421 | Pharmaceutical waste not segregated from other MW. HSC 118275(a)(6) |
| <input type="checkbox"/> HMD4422 | Pharmaceutical waste not labeled "HIGH HEAT" or "INCINERATION ONLY" on the lid and the sides. HSC 118275(a)(6) |
| <input type="checkbox"/> HMD4423 | Pharmaceutical waste stored more than 90 days when container is full, or stored longer than one year (maximum allowable time). HSC 118280(f) |
| <input type="checkbox"/> HMD4432 | Illegal disposal of pharmaceutical waste. HSC 118340, 118222(b) |
| <input type="checkbox"/> HMD4441 | Disposal of photo/hazwaste to an unauthorized point. HSC 25189.5 |
| <input type="checkbox"/> HMD0147 | Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2) |
| <input type="checkbox"/> HMD0307 | Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a), 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a), 66273.8(b) |

HM-9255 MW (06-17)



COUNTY OF SAN DIEGO

CORRECTIVE ACTION FORM TO DOCUMENT RETURN TO COMPLIANCE

FACILITY NAME: Agilent Technologies
 ADDRESS: 11011 N TORREY PINES RD
 CITY/ZIP: LA JOLLA /92037

INSPECTION DATE: 04/25/2018
 RECORD ID #: DEH2009-HUPFP-211638
 SPECIALIST: Zoraida Herrera
 INSPECTION CONTACT: Daniel Mac Neil
 TITLE: EHS Specialist
 PHONE: (858) 373-6420
 E-MAIL: dan.macneil@agilent.com

VIOL#	DATE CORRECTED	INDICATE HOW VIOLATIONS WERE CORRECTED (Attach Any Supporting Documentation)	DUE DATE
#1 1010008			

I certify under penalty of law that this facility has corrected all violations marked on the Compliance Inspection Report/Notice of Violation. I have personally examined and am familiar with the information submitted and believe the information is true, accurate and complete. I am authorized to file this certification for the facility, and am aware that there are significant penalties for submitting false information.

PRINTED NAME OF FACILITY REPRESENTATIVE	SIGNATURE	DATE SIGNED
TITLE OF FACILITY REPRESENTATIVE		

SEND COMPLETED FORM AND SUPPORTING DOCUMENTATION TO THE ADDRESS LISTED BELOW

COUNTY OF SAN DIEGO USE ONLY

REVIEWED BY: _____ DATE: _____

SPECIALIST'S COMMENTS:

- All violations noted on date listed above were corrected
- Based On Information Provided By The Facility RTC entered by Specialist on: _____
- Based On Field Verification By Specialist RTC entered by Office Assistant on: _____

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
<http://www.sdcdeh.org> 858-505-6880



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 02/21/2018

RECORD ID #: DEH2009-HUPFP-211638

TIME START: 10:45 AM END: 11:25 AM

SPECIALIST: Zoraida Herrera

INSPECTION CONTACT: Daniel Mac Neil

TITLE: EHS Specialist

PHONE: (858) 373-6300

E-MAIL: dan.macneil@agilent.com

FACILITY NAME: Agilent Technologies
 ADDRESS: 11011 N TORREY PINES RD
 CITY/ZIP: LA JOLLA /92037

FACILITY REFERENCE DATA

ACCELA

RECORD STATUS: Permit Renewed
 PERMIT EXPIRATION DATE: 08/31/2018
 BALANCE DUE: \$0.00
 INSPECTOR: Zoraida Herrera
 INSPECTION TYPE: Status Verification
 INSPECTION STATUS: Complete

CERS

EPA ID NUMBER: CAL000324223
 FACILITY CERS ID NUMBER: 10123627
 CERS LEAD USER: Daniel Mac Neil
 LAST CERS SUBMITTAL DATE: 02/04/2016
 ENVIRONMENTAL CONTACT EMAIL: dan.macneil@agilent.com
 ENVIRONMENTAL CONTACT PHONE: 858-373-6420

FACILITY INFORMATION

INACTIVATION INSPECTION:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	HAZARDOUS MATERIALS:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
CHANGE OF OWNER:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	HAZARDOUS WASTE:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
CHANGE IN BUSINESS TYPE:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	ABOVEGROUND PETROLEUM STORAGE ACT*:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
BUSINESS TYPE: <u>Biomedical/Biotech-Not Large Manufacturer</u>			TOTAL SHELL CAPACITY APSA:	<u>0</u>	
ISSUE INITIAL INVOICE:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	UNDERGROUND STORAGE TANK:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
ASSESS NON-NOTIFICATION FEE:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	CALARP PROGRAM (CERS):	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
ASSESS RE-INSPECTION FEE:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	CALARP PROGRAM LEVEL:	1 <input type="checkbox"/>	2 <input type="checkbox"/>
FACILITY SUBJECT TO BASE FEE:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	MEDICAL WASTE:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
FACILITY SUBJECT TO CUPA FEE:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	MW FACILITY GENERATING OVER 200 LBS PER MONTH:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
UPDATE FACILITY ADDRESS IN AA:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	EPIC PARTICIPANT:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
BUSINESS CLOSE DATE:			NUMBER OF TLV GASES AT THE FACILITY:	<u>0</u>	

HW GENERATOR STATUS : LOG SQG CESQG RCRA LOG N/A

TIERED PERMIT LEVEL(S) : CESQT CESW CE-L CE-CL HHW PBR CA N/A

PRIMARY BILLING CODE: Not Applicable SECONDARY BILLING CODE: Not Applicable TERTIARY BILLING CODE: Not Applicable

INSPECTION SCOPE:

HAZARDOUS MATERIALS: GEN HAZMAT APSA UST HAZARDOUS WASTE: SQG LOG

MEDICAL WASTE: SQG SQG - TREATS LOG LOG - ABBREVIATED LOG - TREATS CALARP: 1 2 3

TIERED PERMITTING: CESQT CESW CE-L CE-CL CA PBR HHW

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT NAME: No Consent Given TITLE: N/A

REMOVE BLANK CHECKLISTS FROM FINAL INSPECTION REPORT REFUSED TO SIGN

TIME ACCOUNTING (Status Verification) TOTAL TIME ENTERED: 0.8

Date	Time	Group	Type
02/21/2018	0.4	HMD Inspection	Drive Time - Record
02/21/2018	0.4	HMD Inspection	Report Writing - Record
02/21/2018	0	HMD Inspection	HM/HW - Record
02/21/2018	0	HMD Inspection	MW SQG - Record



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

FACILITY NAME: Agilent Technologies
 ADDRESS: 11011 N TORREY PINES RD
 CITY/ZIP: LA JOLLA /92037

INSPECTION DATE: 02/21/2018
 RECORD ID #: DEH2009-HUPFP-211638
 TIME START: 10:45 AM END: 11:25 AM
 SPECIALIST: Zoraida Herrera
 INSPECTION CONTACT: Daniel Mac Neil
 TITLE: EHS Specialist
 PHONE: (858) 373-6300
 E-MAIL: dan.macneil@agilent.com

INSPECTION REPORT EMAILS:

Zoraida.Herrera@sdcounty.ca.gov

RECORD COMMENT:

A routine compliance insp was attempted to be conducted on 02/21/18. No person was available for inspection. A Re-Inspection Fee will be assessed. The routine inspection is still pending.

Multiple horizontal grey bars representing empty rows for additional information or comments.



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: Agilent Technologies
 ADDRESS: 11011 N TORREY PINES RD
 CITY/ZIP: LA JOLLA /92037

INSPECTION DATE: 02/21/2018 PAGE 1 OF 2
 RECORD ID #: DEH2009-HUPFP-211638
 TIME START: 10:45 AM END: 11:25 AM
 SPECIALIST: Zoraida Herrera
 INSPECTION CONTACT: Daniel Mac Neil
 TITLE: EHS Specialist
 PHONE: (858) 373-6300
 E-MAIL: dan.macneil@agilent.com

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit Current	<input type="checkbox"/>	<input type="checkbox"/>	Contingency Plan Available <input type="checkbox"/> LQG <input type="checkbox"/> SQG
<input type="checkbox"/>	<input type="checkbox"/>	Hazardous Materials Business Plan Available	<input type="checkbox"/>	<input type="checkbox"/>	Employee Training Records Available
<input type="checkbox"/>	<input type="checkbox"/>	Employee Training is Adequate	<input type="checkbox"/>	<input type="checkbox"/>	Universal Waste Managed Properly
<input type="checkbox"/>	<input type="checkbox"/>	Waste Disposal Records Available for Review	<input type="checkbox"/>	<input type="checkbox"/>	Waste Containers <input type="checkbox"/> Closed <input type="checkbox"/> Labeled
<input type="checkbox"/>	<input type="checkbox"/>	Emergency Contacts Current <input type="checkbox"/> Updated today	<input type="checkbox"/>	<input type="checkbox"/>	Waste Containers in Good Condition
<input type="checkbox"/>	<input type="checkbox"/>	Chemical Inventory/Map Current <input type="checkbox"/> Updated today			Permit Expires On <u>08/31/2018</u>

CONSENT TO CONDUCT INSPECTION GRANTED BY: No Consent Given

TITLE: N/A

INTRODUCTION:

On site to conduct a routine hazardous materials, hazardous waste, and medical waste inspection.

Upon arrival, I attempted communicating with Daniel Mac Neil, EHS Specialist, for Agilent Technologies, at the phone numbers provided through the California Environmental Reporting System (CERS ID: 10123627). There was no response, I left two voicemails identifying myself, stating the reason of my visit, and providing my phone number. I then dialed the main phone number provided where I was able to speak with Tamisha Frye, Administrator Assistant. I met with Tamisha Frye at the Agilent Technologies lobby area. She indicated that Dan MacNeil was out of town. I asked for the secondary emergency contact, Dusty Mason, Lab Manager (as listed in CERS), and Tamisha Frye said that Dusty Mason was off today. I asked if there was any other person who I could proceed do the inspection with, and there is no other person on site to do the inspection that she is aware of.

Tamisha Frye was advised that a re-inspection fee will be charged for not being able to conduct an inspection today and having to come back at a later time.

For reference, you may go to:

San Diego County Ordinance, section 68.908.1 at:

http://library.amlegal.com/nxt/gateway.dll?f=templates&fn=default.htm&vid=amlegal:sandiegoco_ca_mc

Unified Program Facility Permit Fees at:

[https://www.sandiegocounty.gov/content/dam/sdc/deh/hmd/pdf/HM-9128%20UPFP%20\(06-17\).pdf](https://www.sandiegocounty.gov/content/dam/sdc/deh/hmd/pdf/HM-9128%20UPFP%20(06-17).pdf)

INSPECTION REMARKS:

Helpful Websites:

- For guidance documents on hazardous materials-related topics, go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS), go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations,



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 02/21/2018 PAGE 2 OF 2
RECORD ID #: DEH2009-HUPFP-211638

go to: <http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>

- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails: <https://public.govdelivery.com/accounts/CASAND/subscriber/new>

If you have any questions regarding this inspection, please contact Zoraida Herrera, (619) 454-9682, Zoraida.Herrera@sdcounty.ca.gov

INSPECTION PHOTOS

None

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE Tamisha Frye	SIGNATURE		DATE SIGNED 02/21/2018
TITLE OF FACILITY REPRESENTATIVE Administrator Assistant			

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (858) 505-6880 <http://www.sdcdeh.org>

Herrera, Zoraida

From: Herrera, Zoraida
Sent: April 25, 2018 12:40 PM
To: dan.macneil@agilent.com
Cc: Herrera, Zoraida
Subject: HMD Inspection (DEH2009-HUPFP-211638)
Attachments: DEH2009-HUPFP-211638--04252018_.pdf

Hello Dan,

Please find attached a copy of today's inspections report summary of violations. A full report will be provided within 5 working days.

If there are any questions, or if violations get corrected before I provide a full report, let me know.

Best regards,

Zoraida Herrera, REHS

County of San Diego, Department of Environmental Health, Hazardous Materials Division
P.O. Box 129261, San Diego, CA 92112-9261, MS: O-560
Cell: 619.454-9682 | Fax: 858. 694.3705 | Email: Zoraida.Herrera@sdcounty.ca.gov



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: Agilent Technologies
 ADDRESS: 11011 N TORREY PINES RD
 CITY/ZIP: LA JOLLA /92037

INSPECTION DATE: 04/25/2018 PAGE 1 OF 7
 RECORD ID #: DEH2009-HUPFP-211638
 TIME START: 9:50 AM END: 12:40 PM
 SPECIALIST: Zoraida Herrera
 INSPECTION CONTACT: Daniel Mac Neil
 TITLE: EHS Specialist
 PHONE: (858) 373-6420
 E-MAIL: dan.macneil@agilent.com

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). **This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6.** This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit Current	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contingency Plan Available <input type="checkbox"/> LQG <input checked="" type="checkbox"/> SQG
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hazardous Materials Business Plan Available	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training Records Available
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training is Adequate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Universal Waste Managed Properly
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Disposal Records Available for Review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers <input checked="" type="checkbox"/> Closed <input checked="" type="checkbox"/> Labeled
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Emergency Contacts Current <input type="checkbox"/> Updated today	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers in Good Condition
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Inventory/Map Current <input type="checkbox"/> Updated today			Permit Expires On <u>08/31/2018</u>

CONSENT TO CONDUCT INSPECTION GRANTED BY: Daniel Mac Neil

TITLE: EHS Specialist

INTRODUCTION:

ROUTINE INSPECTION (SUMMARY OF VIOLATIONS)

A routine inspection for hazardous materials, hazardous waste, and medical waste was conducted on 04/25/18. This is a summary of violations found during today's inspection. Violations will be added/removed upon further review of the observations and/or regulations.

A full inspection report will be issued within 5 days.

VIOLATION # 1

1010008 HMBP not certified annually as complete and accurate in CERS. HSC 25508(a)(1)(A), 25508.2, 19 CCR 2654(b)

Classification: PLEASE SELECT

Observations:

INSPECTION REMARKS:

Helpful Websites:

- For guidance documents on hazardous materials-related topics, go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS), go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations, go to: <http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails: <https://public.govdelivery.com/accounts/CASAND/subscriber/new>



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 04/25/2018 PAGE 2 OF 7
RECORD ID #: DEH2009-HUPFP-211638

If you have any questions regarding this inspection, please contact Zoraida Herrera, (619) 454-9682,
Zoraida.Herrera@sdcounty.ca.gov

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE Daniel Mac Neil		DATE SIGNED 4-25-18
TITLE OF FACILITY REPRESENTATIVE EHS Specialist		

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (858) 505-6880 <http://www.sdcdeh.org>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT Handlers of Hazardous Materials and Small and Large Quantity Generators of Hazardous Waste

INSPECTION DATE: 04/25/2018 PAGE 3 OF 7
RECORD ID #: DEH2009-HUPFP-211638

FACILITY NAME: * **Agilent Technologies**

ADDRESS: * **11011 N TORREY PINES RD**

CITY/ZIP: * **LA JOLLA**

92037

Each violation checked below is for the section(s) of the California Health and Safety Code (HSC), California Code of Regulations (CCR), or the San Diego County Code (SDCC) indicated in italics. Incorporated provisions of Title 40 of the Code of Federal regulations (CFR) are noted for reference. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. HMBP = Hazardous Materials Business Plan; CUPA = Certified Unified Program Agency; CERS = California Environmental Reporting System; SQG = Small Quantity Hazardous Waste Generator; LQG = Large Quantity Hazardous Waste Generator

HAZARDOUS MATERIALS REQUIREMENTS

#	VIOLATION DESCRIPTION
<input type="checkbox"/>	1010001 Failed to establish and implement a HMBP. HSC 25505(a) and 25507(a)
<input type="checkbox"/>	1010002 HMBP not submitted to the CUPA in CERS. HSC 25508(a)(1)(A); 27 CCR 15188(a),(b),(d)
<input type="checkbox"/>	1010003 Business Activities &/or Business Owner/Operator page not completed in CERS. 19 CCR 2652(a)(1); SDCC 68.904(b); HSC 25508(a)(1)(A)
<input type="checkbox"/>	1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508.1(a-b); 19 CCR 2654 (a) or (d)
<input type="checkbox"/>	1010005 Site map not submitted in CERS or not sufficient. HSC 25505(a)(2); 25508.1(f); 19 CCR 2652(a)(3)
<input type="checkbox"/>	1010006 Failed to update HMBP in CERS within 30 days of a substantial change to any portion of the HMBP, including inventory changes or facility information. HSC 25508.1(a-f); 19 CCR 2654(d); SDCC 68.904(c)(6)
1 <input checked="" type="checkbox"/>	1010008 HMBP not certified annually as complete and accurate in CERS. HSC 25508(a)(1)(A), 25508.2, 19 CCR 2654(b)
<input type="checkbox"/>	1010010 Emergency response plan and procedures to mitigate a release or threatened release not adequate, not established or not submitted in CERS. HSC 25505(a)(3), 25508(a)(1)(A); 19 CCR 2658
<input type="checkbox"/>	1010011 Failure to notify property owner in writing that the business is subject to the HMBP program. HSC 25505.1
<input type="checkbox"/>	1010012 Failure to provide a copy of HMBP to the property owner within five working days upon request from property owner. HSC 25505.1
<input type="checkbox"/>	1010014 Failure to submit emergency response plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A); 19 CCR 2670, 2671
<input type="checkbox"/>	1010015 Failure to submit employee training plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A)
<input type="checkbox"/>	1010016 HMBP not established or submitted in CERS, when not meeting the remote site exemption. HSC 25507.2 and 25508(a)(1)(A)
<input type="checkbox"/>	1020001 Employee training and/or plan for safety procedures in the event of a release or threatened release of a hazardous material not adequate, not established or not submitted in CERS. HSC 25505(a)(4) and 25508(a)(1)(A); 19 CCR 2659(a)
<input type="checkbox"/>	1020002 Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)
<input type="checkbox"/>	1040001 Hazardous materials release or threatened release not immediately reported to the CUPA and OES upon discovery. HSC 25510(a); 19 CCR 2631(a)
<input type="checkbox"/>	HMD1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905; 68.906, 68.907
<input type="checkbox"/>	HMD1005 Emergency contact not provided or current in CERS. HSC 25508.1(f); SDCC 68.904(b)
<input type="checkbox"/>	HMD1007 Highly toxic gas (TLV<10 ppm) not disclosed in CERS. SDCC 68.1113(a)
<input type="checkbox"/>	HMD1008 Annual carcinogen/reproductive toxin list not submitted in CERS. SDCC 68.1113(b)
<input type="checkbox"/>	1010017 HMBP not readily available to facility personnel or the CUPA. HSC 25505(c)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS ONLY

#	VIOLATION DESCRIPTION
<input type="checkbox"/>	HMD0226 Did not accumulate waste in a container or tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2)
<input type="checkbox"/>	3030007 Failed to properly label/date hazardous waste container &/or tank. 22 CCR 66262.34(f)
<input type="checkbox"/>	3030010 Accumulated waste too long (>180 or 270 days) or (>90 days). HSC 25201(a), 25123.3(h)(1); 22 CCR 66262.34(d); 40 CFR 262.34(e) and/or (f)
<input type="checkbox"/>	3030013 Failed to accumulate hazardous waste in a container that is in good condition. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.171
<input type="checkbox"/>	3030015 Failed to accumulate or store hazardous waste in a lined &/or compatible container. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.172
<input type="checkbox"/>	3030017 Failed to properly close hazardous waste container(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.173
<input type="checkbox"/>	3030019 Failed to inspect hazardous waste storage area at least weekly. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.174
<input type="checkbox"/>	3030022 Failed to properly separate incompatible waste. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.177
<input type="checkbox"/>	3030030 Failed to maintain &/or operate facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.31
<input type="checkbox"/>	3030036 Failed to maintain adequate aisle space. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.35
<input type="checkbox"/>	3010022 Failed to post, next to the telephone, emergency information containing the location of emergency equipment, contact names and phone numbers. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(ii)
<input type="checkbox"/>	3020001 Failure to ensure employees are thoroughly familiar with proper waste handling and emergency procedures during normal facility operations and emergencies. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iii)
<input type="checkbox"/>	3030032 Failed to maintain the following emergency response equipment or equivalent: 1) An internal communication or alarm system; 2) A communication device, such as a telephone; 3) Portable fire extinguishers, fire/spill control equipment and decontamination equipment; and 4) Water at adequate volume and pressure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.32
<input type="checkbox"/>	3030039 Failed to have an emergency coordinator on the premises or on call, and available during an emergency. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(i)
<input type="checkbox"/>	HMD0412 Failed to implement and/or coordinate emergency response measures during an emergency, spill/release. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iv)

HAZARDOUS WASTE TANK SYSTEMS FOR SQGS ONLY

#	VIOLATION DESCRIPTION
<input type="checkbox"/>	3030024 Failed to operate uncovered tank to ensure at least 2 ft. of freeboard to prevent overtopping, unless the tank is equipped with a containment structure, a drainage control system, or a diversion structure with a capacity that equals or exceeds the volume of the top 2 ft. of the tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(c)



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Hazardous Materials and Hazardous Waste (continued)

- 3030025 Failed to provide an overfill protection device on continuously fed hazardous waste tank(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(4)
- 3030027 Failed to conduct daily tank inspection of discharge control system, monitoring equipment and waste level. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(1-3), 262.34(d)(3)
- 3030028 Failed to conduct weekly hazardous waste tank inspection(s) to detect signs of leakage and ensure that the construction materials, fixtures and surrounding areas of the tank are in good condition. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(4 & 5), 262.34(d)(3)
- 3050007 Failed to properly remove all waste upon closure, decontaminate, and document the closure of a hazardous waste tank system. 22 CCR 67383.3; 40 CFR 262.34(d)(3), 265.201(f)
- HMD1612 Hazardous waste improperly stored in a tank system causing leaks, corrosion, or failure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)
- HMD1614 Failed to pre-notify the CUPA in writing prior to closing a hazardous waste tank system. 22 CCR 67383.3(a)(1)
- HMD1615 Failed to properly accumulate ignitable or reactive waste in a tank system. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(g)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS AND LQGS

RECORD KEEPING/OPERATIONAL REQUIREMENTS

- | # | <u>VIOLATION DESCRIPTION</u> |
|--------------------------|--|
| <input type="checkbox"/> | HMD0131 Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. SDCC 68.905 |
| <input type="checkbox"/> | HMD0150 Failed to submit complete and accurate Facility Information in CERS. 27 CCR 15188(b-c); SDCC 68.904(b) |
| <input type="checkbox"/> | 3030053 Failed to maintain waste analysis records, analytical records &/or waste determination results for at least 3 years. 22 CCR 66262.40(c) |
| <input type="checkbox"/> | 3010002 Failed to obtain &/or maintain an active EPA ID Number. 22 CCR 66262.12(a) |
| <input type="checkbox"/> | 3010008 Failed to properly complete a uniform hazardous waste manifest. 22 CCR 66262.23(a) |
| <input type="checkbox"/> | 3010009 Failed to submit an Exception Report to DTSC for hazardous waste manifest. HSC 25123.3(h)(2); 22 CCR 66262.42(b), (c), &/or (d) |
| <input type="checkbox"/> | 3010010 Failed to maintain copies of Uniform Hazardous Waste Manifest, consolidated manifest, or Bills of Lading for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a), 66262.23(a)(3) |
| <input type="checkbox"/> | 3010011 Failed to send copy of the uniform hazardous waste manifest to DTSC within 30 days of shipment. 22 CCR 66262.23(a)(4) |
| <input type="checkbox"/> | 3010013 Failed to meet the consolidated manifesting requirements for waste shipment. HSC 25160.2(b)(3) &/or (c) |
| <input type="checkbox"/> | 3010014 Failed to retain at the generator's place of business disposal records of spent lead-acid batteries for at least 3 years. 22 CCR 66266.81(a)(4)(A) &/or (B) |
| <input type="checkbox"/> | 3030006 Failed to determine if a hazardous waste is restricted or prohibited from land disposal and has to be treated. 22 CCR 66268.7(a)(1) |
| <input type="checkbox"/> | 3010016 Failure of recycler who recycles more than 100 kilograms per month of a recyclable material to submit the biennial Recyclable Materials Report (RMR) in CERS when claiming exclusion or exemption. HSC 25143.10(a), (c) &/or (d) |
| <input type="checkbox"/> | HMD0149 Failed to keep disposal receipts for drained used oil filters and/or drained fuel filters for 3 years. HSC 25250.22; 22 CCR 66266.130(c)(5) |
| <input type="checkbox"/> | HMD0152 Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2) |
| <input type="checkbox"/> | HMD0140 Failed to have Land Disposal Restriction documentation onsite for 3 years. 22 CCR 66268.7(a)(8) |
| <input type="checkbox"/> | 3250005 Failed to obtain a Treatment, Storage and Disposal Facility (TSDF) permit or authorization to store/treat/dispose of hazardous waste. HSC 25201(a) |
| <input type="checkbox"/> | 3050005 Failed to have adequate records demonstrating claim of exemption or exclusion for recyclable materials. HSC 25143.2(f) |
| <input type="checkbox"/> | HMD0142 Failed to notify the CUPA in CERS for onsite hazardous waste treatment/tiered permitting. HSC 25201(a) |
| <input type="checkbox"/> | HMD0138 Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a); HSC 25185(a)(4) |

DISPOSAL AND TRANSPORTATION

- | # | <u>VIOLATION DESCRIPTION</u> |
|--------------------------|---|
| <input type="checkbox"/> | 3010007 Failed to prepare a hazardous waste manifest for the transport of a waste for off-site transfer, treatment, storage, or disposal. HSC 25160(b)(1) or (2), 25160.2(b)(9); 22 CCR 66262.20(a) |
| <input type="checkbox"/> | 3030005 Failed to make a proper waste determination. 22 CCR 66262.11, 66262.40(c) |
| <input type="checkbox"/> | 3050001 Failed to use a DTSC registered hazardous waste transporter to transport hazardous waste. HSC 25163(a) |
| <input type="checkbox"/> | 3050002 Failed to properly dispose of hazardous waste at an authorized facility. HSC 25189.5(a) |
| <input type="checkbox"/> | HMD0308 Impermissible dilution of hazardous waste. 22 CCR 66268.3(a) |
| <input type="checkbox"/> | HMD0305 Disposed of used oil illegally. HSC 25250.5(a), 25189.5(a) |
| <input type="checkbox"/> | HMD0306 Failed to properly dispose of oil-based paint &/or hazardous waste latex paint liquid. HSC 25217.1, 25189.5(a) |

STORAGE AND HANDLING

- | # | <u>VIOLATION DESCRIPTION</u> |
|--------------------------|---|
| <input type="checkbox"/> | 3030001 Failed to meet the management requirements when handling or storing spent lead-acid batteries. 22 CCR 66266.81(a) |
| <input type="checkbox"/> | 3030003 Failed to properly manage 'damaged' spent lead acid batteries so as to minimize the release of acid and lead and to protect the handlers and the environment. 22 CCR 66266.81(b) |
| <input type="checkbox"/> | 3030004 Failed to properly manage, store, label &/or recycle used oil filters &/or used fuel filters. HSC 25250.22; 22 CCR 66266.130 |
| <input type="checkbox"/> | 3050004 Generator intentionally contaminated used oil with another hazardous waste other than minimal amounts of fuel. HSC 25250.7(a), (c) |
| <input type="checkbox"/> | HMD0222 Failed to properly label Excluded Recyclable Materials (ERM) accumulated in a container or tank. HSC 25143.9(a) |
| <input type="checkbox"/> | HMD0216 Failed to label hazardous material container within 10 days after the container was discovered to be mislabeled or inadequately labeled. HSC 25124(b)(3)(A); 22 CCR 66262.34(f) |
| <input type="checkbox"/> | HMD0217 Failed to repackage and properly label damaged/deteriorated hazardous material container within 96 hours. HSC 25124(b)(3)(B); 22 CCR 66262.34(f) |
| <input type="checkbox"/> | HMD0219 Failed to properly segregate used oil &/or fuel drained from filters. HSC 25250.22(b)(4); 22 CCR 66266.130(c)(6) |
| <input type="checkbox"/> | 3030057 Failed to comply with hazardous waste satellite container regulation. 22 CCR 66262.34(e) |
| <input type="checkbox"/> | HMD0023 Failed to properly empty container, failed to manage non-empty container, or inner liner removed from a container. 22 CCR 66261.7(b), (d), (e) &/or (r) |
| <input type="checkbox"/> | 3030058 Failed to mark date on empty container larger than 5 gallons &/or manage it within one year. 22 CCR 66261.7(f) |
| <input type="checkbox"/> | 3030059 Failure of the owner or operator managing laboratory hazardous waste in a laboratory accumulation area to comply with the quantity limitations, management, training, or documentation requirements. HSC 25200.3.1(b) |



COUNTY OF SAN DIEGO COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 04/25/2018 PAGE 5 OF 7
RECORD ID #: DEH2009-HUPFP-211638

Hazardous Materials and Hazardous Waste (continued)

UNIVERSAL WASTE HANDLER REQUIREMENTS

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> 3010004	Failed to obtain a California ID Number from DTSC or federal ID Number from USEPA prior to accumulating 5,000 kgs or more of Universal Waste. 22 CCR 66273.32(a-b)
<input type="checkbox"/> HMD0151	Failed to maintain universal waste handler training records for 3 years. 22 CCR 66273.36(c),(d)
<input type="checkbox"/> 3020003	Failed to properly train handlers of universal waste in universal waste management and response procedures. 22 CCR 66273.36(a),(b)
<input type="checkbox"/> 3030008	Failed to properly label or mark Universal Waste container, package, or pallet (excluding CESQUWG) 22 CCR 66273.34
<input type="checkbox"/> 3030011	Failed to properly dispose of Universal Waste within one year. 22 CCR 66273.35(a) &/or (b)
<input type="checkbox"/> HMD0147	Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2)
<input type="checkbox"/> 3030051	Failed to meet accumulation, labeling, marking, &/or containment standards for Universal Waste aerosol containers. HSC 25201.16(f)
<input type="checkbox"/> 3040004	Failed to manage universal waste in a manner to prevent release(s) to the environment. 22 CCR 66273.33; 66273.33.5
<input type="checkbox"/> HMD0307	Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a); 22 CCR 66273.31(a), 66273.8(b)
<input type="checkbox"/> 3010005	Failure of a universal handler of electronic devices or CRTs from an offsite source to notify DTSC 30 days prior to acceptance. 22 CCR 66273.32(c)
<input type="checkbox"/> 3030055	Failure of certified appliance recycler (CAR) to properly remove and dispose of all materials that require special handling (MRSH). HSC 25211.3, 25212, 25212(c)

HM-923 (06-17)



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Medical Waste Generators

Each violation checked below is for the section(s) of the California health and Safety Code (HSC), California Code of Regulation (CCR), or the San Diego County Code (SDCC) indicated in italics. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. UPF = Unified Program Facility; MW = Medical Waste; USPS = United States Postal Service; DOT = Department of Transportation

MEDICAL WASTE GENERATORS

STORAGE AND LABELING

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> HMD4201 | UPF Permit not obtained. HSC 117705; SDCC 68.905, 68.906, 68.1202 |
| <input type="checkbox"/> HMD4216 | Failed to submit or report in CERS chemical inventory information for hazardous waste and/or medical waste, and keep up to date. SDCC 68.904(a)(2) |
| <input type="checkbox"/> HMD4202 | Medical waste (MW) not separated from other waste at the point of origin. HSC 118275 |
| <input type="checkbox"/> HMD4203 | Enclosure or designated accumulation area for MW containers not secured. HSC 118307, 118310 |
| <input type="checkbox"/> HMD4204 | MW designated accumulation area not posted with an approved, legible biohazardous waste "warning sign" in English & Spanish or in another language, in addition to English which can be read from a distance of at least 25 feet. HSC 118310 |
| <input type="checkbox"/> HMD4205 | Medical SOLID WASTE not secured to deny access to unauthorized persons. SDCC 68.1211 |
| <input type="checkbox"/> HMD4206 | Leak or spill of MW not properly decontaminated. HSC 118300 |
| <input type="checkbox"/> HMD4207 | Sharps not stored in approved container or labeled with the words "sharps waste" or with the international biohazard symbol and the word "BIOHAZARD". HSC 118285(a) & (d) |
| <input type="checkbox"/> HMD4208 | Full sharps container not taped closed or tightly-lidded to preclude loss of contents. HSC 118285(b) |
| <input type="checkbox"/> HMD4209 | Primary containers accumulating MW not labeled with an electronic tracking system label or a label with generator's name, address and phone number. SDCC 68.1205 |
| <input type="checkbox"/> HMD4210 | Medical waste not stored in approved and properly marked biohazard bags. HSC 118275(a) |
| <input type="checkbox"/> HMD4211 | Biohazard bags not tied off to prevent leakage or expulsion of contents during storage and handling. HSC 118280(a) |
| <input type="checkbox"/> HMD4212 | Biohazardous bags not containerized in rigid, leak resistant, and covered containers or bins when placed for storage, handling, or transport. HSC 118280(c) |
| <input type="checkbox"/> HMD4213 | Waste container or bin not labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD" on the lid and sides. HSC 118280(c) |
| <input type="checkbox"/> HMD4214 | Reusable containers or bins for MW storage not thoroughly washed and decontaminated and maintained in a clean and sanitary manner. HSC 118295, 118305 |
| <input type="checkbox"/> HMD4215 | Frozen (0°C/32°F) biohazardous waste stored for not more than 90 days. HSC 118280(e)(2) |
| <input type="checkbox"/> HMD4306 | Full sharps container stored not more than 30 days at >0°C. HSC 118285(c) |
| <input type="checkbox"/> HMD4307 | Biohazard bag waste stored not more than 7 days at >0°C (for generators of 20 or more pounds a month). HSC 118280(e)(1)(A) |
| <input type="checkbox"/> HMD4308 | Biohazard bag waste stored >30 days at >0°C (for generators of <20lbs/month). HSC 118280(e)(1)(B) |
| <input type="checkbox"/> HMD4219 | MW interim storage area not marked with warning signs or international biohazard symbol legible from a distance of 5 feet. HSC 118307, 118310 |
| <input type="checkbox"/> HMD4220 | MW interim storage area not properly secured. HSC 118307 |

TREATMENT AND DISPOSAL

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> HMD4251 | MW treated by unapproved method/procedure. HSC 118215 |
| <input type="checkbox"/> HMD4252 | Standard written operating procedures for steam sterilization not established. HSC 118215(a)(2)(A) |
| <input type="checkbox"/> HMD4253 | Recording thermometer not calibrated annually. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> HMD4254 | No records of annual thermometer calibration checks onsite for at least the past 2 years. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> HMD4255 | Heat-sensitive tape or other approved method not used for each load treated onsite. HSC 118215(a)(2)(C) |
| <input type="checkbox"/> HMD4256 | Monthly biological indicator or other approved indicator not used to confirm proper sterilization. HSC 118215(a)(2)(D) |
| <input type="checkbox"/> HMD4257 | Onsite steam sterilization did not reach 121° C (250° F) for at least 30 minutes. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> HMD4258 | Treatment records or logs of dates, time, and temperature not maintained for at least 2 years. HSC 118215(a)(2)(E) |
| <input type="checkbox"/> HMD4259 | Disposal of untreated MW to an unauthorized point. HSC 118340 |

TRANSPORTATION REQUIREMENTS

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> HMD4260 | Transportation of MW without State Hauler Registration, USPS or requirements of the DOT "Materials of Trade Exceptions." HSC 118025 |
| <input type="checkbox"/> HMD4311 | Medical waste tracking documents or logs not in vehicle transporting medical waste. HSC 118040(a) |
| <input type="checkbox"/> HMD4313 | Medical waste tracking documents or logs not complete. HSC 118040(b) |

SMALL QUANTITY GENERATORS ONLY

(<200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> HMD4301 | Medical Waste Management Plan (MWMP) not submitted to HMD (initial/updates), if onsite treatment. HSC 117935 |
| <input type="checkbox"/> HMD4302 | Did not maintain and show proof of "onsite" medical waste treatment records for 3 years. HSC 117943 |
| <input type="checkbox"/> HMD4303 | Did not maintain on file disposal receipts, tracking or shipping documents for medical waste shipped offsite for at least 3 years. HSC 117945 |
| <input type="checkbox"/> HMD4309 | MWMP or equivalent information not onsite (only for SQG doing onsite treatment or comply with pharmaceutical waste hauling exemption). HSC 117935, 118032 |
| <input type="checkbox"/> HMD4310 | Did not meet the requirements of the pharmaceutical waste hauling exemption. HSC 118032 |

LARGE QUANTITY GENERATORS ONLY



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Medical Waste Generators (continued)

(>= 200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> HMD4351 | MWMP not submitted to HMD (initial/updates) or incomplete. HSC 117960, 117970 |
| <input type="checkbox"/> HMD4352 | Records of medical waste treatment not available for 2 years. HSC 117975, 118215(a)(2)(E) |
| <input type="checkbox"/> HMD4353 | Did not make available disposal receipts, tracking or shipping documents for at least 2 years for medical waste shipped offsite. HSC 117975 |

LQG MW ONSITE TREATMENT FACILITY

(>= 200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> HMD4501 | Onsite MW treatment permit not obtained or renewed. HSC 117950, 118130; CCR 65620, 65623 |
| <input type="checkbox"/> HMD4502 | Current copy of the MW treatment permit not available. HSC 118165, 118180; CCR 65621(f), 65623 |
| <input type="checkbox"/> HMD4503 | Condition(s) of the MW treatment permit violated. CCR 65623 |
| <input type="checkbox"/> HMD4504 | Operators who treat medical waste not trained in proper equipment use, proper protective equipment to wear and if necessary, proper cleanup of spills. HSC 117967(a) |
| <input type="checkbox"/> HMD4505 | Initial and/or annual training for operators that treat medical waste not provided. HSC 117967(b) |
| <input type="checkbox"/> HMD4506 | Initial and/or annual training documentation for operators that treat medical waste not available for two years. HSC 117967(c) |

CHEMOTHERAPY, PATHOLOGY, PHARMACEUTICAL HAZARDOUS & UNIVERSAL WASTES

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> HMD4401 | Trace chemotherapy waste not segregated from other MW. HSC 118275(a)(4) |
| <input type="checkbox"/> HMD4402 | Trace chemotherapy waste container not labeled "Chemotherapy Waste" or "CHEMO" on the lid and the sides. HSC 118275(a)(4) |
| <input type="checkbox"/> HMD4403 | Illegal disposal of chemotherapy waste. HSC 118340 |
| <input type="checkbox"/> HMD4411 | Pathology waste not segregated from other MW. HSC 118275(a)(5) |
| <input type="checkbox"/> HMD4412 | Pathology waste container not labeled "Pathology Waste" or "PATH" on the lid and the sides. HSC 118275(a)(5) |
| <input type="checkbox"/> HMD4413 | Illegal disposal of pathology waste. HSC 118340 |
| <input type="checkbox"/> HMD4421 | Pharmaceutical waste not segregated from other MW. HSC 118275(a)(6) |
| <input type="checkbox"/> HMD4422 | Pharmaceutical waste not labeled "HIGH HEAT" or "INCINERATION ONLY" on the lid and the sides. HSC 118275(a)(6) |
| <input type="checkbox"/> HMD4423 | Pharmaceutical waste stored more than 90 days when container is full, or stored longer than one year (maximum allowable time). HSC 118280(f) |
| <input type="checkbox"/> HMD4432 | Illegal disposal of pharmaceutical waste. HSC 118340, 118222(b) |
| <input type="checkbox"/> HMD4441 | Disposal of photo/hazwaste to an unauthorized point. HSC 25189.5 |
| <input type="checkbox"/> HMD0147 | Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2) |
| <input type="checkbox"/> HMD0307 | Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a), 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a), 66273.8(b) |

HM-9255 MW (06-17)



COUNTY OF SAN DIEGO

CORRECTIVE ACTION FORM TO DOCUMENT RETURN TO COMPLIANCE

FACILITY NAME: Agilent Technologies
 ADDRESS: 11011 N TORREY PINES RD
 CITY/ZIP: LA JOLLA /92037

INSPECTION DATE: 04/25/2018
 RECORD ID #: DEH2009-HUPFP-211638
 SPECIALIST: Zoraida Herrera
 INSPECTION CONTACT: Daniel Mac Neil
 TITLE: EHS Specialist
 PHONE: (858) 373-6420
 E-MAIL: dan.macneil@agilent.com

VIOL#	DATE CORRECTED	INDICATE HOW VIOLATIONS WERE CORRECTED (Attach Any Supporting Documentation)	DUE DATE
#1 1010008			

I certify under penalty of law that this facility has corrected all violations marked on the Compliance Inspection Report/Notice of Violation. I have personally examined and am familiar with the information submitted and believe the information is true, accurate and complete. I am authorized to file this certification for the facility, and am aware that there are significant penalties for submitting false information.

PRINTED NAME OF FACILITY REPRESENTATIVE	SIGNATURE	DATE SIGNED
TITLE OF FACILITY REPRESENTATIVE		

SEND COMPLETED FORM AND SUPPORTING DOCUMENTATION TO THE ADDRESS LISTED BELOW

COUNTY OF SAN DIEGO USE ONLY

REVIEWED BY: _____ DATE: _____

SPECIALIST'S COMMENTS:

- All violations noted on date listed above were corrected
- Based On Information Provided By The Facility RTC entered by Specialist on: _____
- Based On Field Verification By Specialist RTC entered by Office Assistant on: _____

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
<http://www.sdcdeh.org> 858-505-6880

**SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT DIVISION
Annual Carcinogen and Reproductive Toxin Reporting List**

Business Name: Agilent Technologies

Business Address: 11011 North Torrey Pines Road, La Jolla, CA 92037

Business Owner or Operator: same as above

Please complete the following by entering the chemical name in the chemical name column and then place a check "√" in the quantity column that most closely estimates the amount on hand. If measured by volume, check the appropriate gallon column(s). If measured by weight, check the appropriate pound column(s). If the chemical is a trade secret, you should check the trade secret box. For example, if you have one pint of benzene you would write benzene in the chemical name column and place a check in the "<1 gallon" column. (PLEASE NOTE: the symbol < means less than).

Chemical Name	<1 Gallon	<1 Pound	<10 Gallons	<10 Pounds	<55 Gallons	<500 Pounds	Trade Secret
1,4-Dioxane			√				
Acetamide		√					
Acrylamide		√					
Aniline		√					
Chloramphenicol		√					
Chloroform			√				
Dichloromethane	√						
Diethyl Sulfate	√						
Dimethyl Sulfate	√						
Ethyl Acetate	√						
Ethylene Glycol Monoethyl Ether	√						
Formaldehyde			√				

H File #: 102557

Date: August 22, 2015

Hydrazine		✓								
Nitrioltriacetic Acid						✓				
Nitromethane	✓									
Pyridine				✓						
Silica						✓				
Streptomycin Sulfate	✓									
Toluene				✓						
Trypan Blue	✓									



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 04/18/2018

RECORD ID #: DEH2009-HUPFP-211638

TIME START: 10:50 AM END: 12:10 PM

SPECIALIST: Zoraida Herrera

INSPECTION CONTACT: Daniel Mac Neil

TITLE: EHS Specialist

PHONE: (858) 373-6300

E-MAIL: dan.macneil@agilent.com

FACILITY NAME: Agilent Technologies
 ADDRESS: 11011 N TORREY PINES RD
 CITY/ZIP: LA JOLLA /92037

FACILITY REFERENCE DATA

ACCELA

RECORD STATUS: Permit Renewed
 PERMIT EXPIRATION DATE: 08/31/2018
 BALANCE DUE: \$0.00
 INSPECTOR: Zoraida Herrera
 INSPECTION TYPE: Status Verification
 INSPECTION STATUS: Complete

CERS

EPA ID NUMBER: CAL000324223
 FACILITY CERS ID NUMBER: 10123627
 CERS LEAD USER: Daniel Mac Neil
 LAST CERS SUBMITTAL DATE: 02/04/2016
 ENVIRONMENTAL CONTACT EMAIL: dan.macneil@agilent.com
 ENVIRONMENTAL CONTACT PHONE: 858-373-6420

FACILITY INFORMATION

INACTIVATION INSPECTION:	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	HAZARDOUS MATERIALS:	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
CHANGE OF OWNER:	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	HAZARDOUS WASTE:	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
CHANGE IN BUSINESS TYPE:	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	ABOVEGROUND PETROLEUM STORAGE ACT*:	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
BUSINESS TYPE:	<u>Biomedical/Biotech-Not Large Manufacturer</u>		TOTAL SHELL CAPACITY APSA:	<u>0</u>	
ISSUE INITIAL INVOICE:	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	UNDERGROUND STORAGE TANK:	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ASSESS NON-NOTIFICATION FEE:	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	CALARP PROGRAM (CERS):	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ASSESS RE-INSPECTION FEE:	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	CALARP PROGRAM LEVEL:	<input type="checkbox"/> 1	<input type="checkbox"/> 2
FACILITY SUBJECT TO BASE FEE:	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	MEDICAL WASTE:	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
FACILITY SUBJECT TO CUPA FEE:	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	MW FACILITY GENERATING OVER 200 LBS PER MONTH:	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
UPDATE FACILITY ADDRESS IN AA:	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	EPIC PARTICIPANT:	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
BUSINESS CLOSE DATE:			NUMBER OF TLV GASES AT THE FACILITY:	<u>0</u>	

HW GENERATOR STATUS :

TIERED PERMIT LEVEL(S) :

PRIMARY BILLING CODE: SECONDARY BILLING CODE: TERTIARY BILLING CODE:

INSPECTION SCOPE:

HAZARDOUS MATERIALS: HAZARDOUS WASTE:

MEDICAL WASTE: CALARP:

TIERED PERMITTING:

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT NAME: No Consent Given TITLE: N/A

REMOVE BLANK CHECKLISTS FROM FINAL INSPECTION REPORT REFUSED TO SIGN

TIME ACCOUNTING (Status Verification) TOTAL TIME ENTERED: 1.2

Date	Time	Group	Type
04/18/2018	0.6	HMD Inspection	Report Writing - Record
04/18/2018	0.6	HMD Inspection	Travel Time - Record
04/18/2018	0	HMD Inspection	HM/HW - Record
04/18/2018	0	HMD Inspection	MW SQG - Record



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

FACILITY NAME: Agilent Technologies
 ADDRESS: 11011 N TORREY PINES RD
 CITY/ZIP: LA JOLLA /92037

INSPECTION DATE: 04/18/2018
 RECORD ID #: DEH2009-HUPFP-211638
 TIME START: 10:50 AM END: 12:10 PM
 SPECIALIST: Zoraida Herrera
 INSPECTION CONTACT: Daniel Mac Neil
 TITLE: EHS Specialist
 PHONE: (858) 373-6300
 E-MAIL: dan.macneil@agilent.com

INSPECTION REPORT EMAILS:

Zoraida.Herrera@sdcounty.ca.gov,Tamisha.Frye@non.agilent.com

RECORD COMMENT:

Second attempt to conduct routine inspection: 04/18/18

First attempt: 02/21/18

Access denied both times.

Multiple horizontal grey bars representing empty rows for additional information or notes.



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: Agilent Technologies
 ADDRESS: 11011 N TORREY PINES RD
 CITY/ZIP: LA JOLLA /92037

INSPECTION DATE: 04/18/2018 PAGE 1 OF 7
 RECORD ID #: DEH2009-HUPFP-211638
 TIME START: 10:50 AM END: 12:10 PM
 SPECIALIST: Zoraida Herrera
 INSPECTION CONTACT: Daniel Mac Neil
 TITLE: EHS Specialist
 PHONE: (858) 373-6300
 E-MAIL: dan.macneil@agilent.com

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit Current	<input type="checkbox"/>	<input type="checkbox"/>	Contingency Plan Available <input type="checkbox"/> LQG <input type="checkbox"/> SQG
<input type="checkbox"/>	<input type="checkbox"/>	Hazardous Materials Business Plan Available	<input type="checkbox"/>	<input type="checkbox"/>	Employee Training Records Available
<input type="checkbox"/>	<input type="checkbox"/>	Employee Training is Adequate	<input type="checkbox"/>	<input type="checkbox"/>	Universal Waste Managed Properly
<input type="checkbox"/>	<input type="checkbox"/>	Waste Disposal Records Available for Review	<input type="checkbox"/>	<input type="checkbox"/>	Waste Containers <input type="checkbox"/> Closed <input type="checkbox"/> Labeled
<input type="checkbox"/>	<input type="checkbox"/>	Emergency Contacts Current <input type="checkbox"/> Updated today	<input type="checkbox"/>	<input type="checkbox"/>	Waste Containers in Good Condition
<input type="checkbox"/>	<input type="checkbox"/>	Chemical Inventory/Map Current <input type="checkbox"/> Updated today			Permit Expires On <u>08/31/2018</u>

CONSENT TO CONDUCT INSPECTION GRANTED BY: No Consent Given

TITLE: N/A

INTRODUCTION:

On site, for second occasion, to conduct a routine hazardous materials, hazardous waste, and medical waste inspection at Agilent Technologies. A first visit was conducted on 02/21/18; at that time, the Environmental Health Specialist (EHS), Dan Mac Neil, was not on site; I was greeted by Tamisha Frye, Administrator Assistant. Ms. Frye tried to get a hold of Mr. Mac Neil then with no success. Consent to inspect was not granted then.

Today, Ms. Tamisha contacted Mr. Mac Neil over the phone. She indicated that I was the inspector who came in before and that I was back to conduct the inspection. Per Ms. Tamisha, Mr. Mac Neil asked if I could be back to conduct the inspection at a later time, specifically, 3pm. Be aware that a second visit to conduct an inspection merits the assessment of a re-inspection fee.

Per the most recent information submitted to the Hazardous Materials Division (HMD) through the California Environmental Reporting System (CERS) on 02/04/16 (under CERS ID: 10123627), this facility is subject to:

- Hazardous Materials Business Plan (HMBP) requirements due to the storage of reportable amounts of hazmat
- Hazardous Waste (HW) regulations as a small quantity generator (SQG) of HW (SQG: >100Kg but <1,000Kg of HW per month); EPA ID #: CAL000324223
- Medical Waste (MW) regulations as a small quantity generator of medical waste (SQGMW: <200lbs of MW per month)

Agilent Technologies also denied consent to inspect on 11/23/15 when this facility was due for inspection. The inspection was ultimately conducted on 02/04/16.

Authority to Inspect

The California Health and Safety Code, Division 20, Chapter 6.95, Article 1, section 25511, states the following: "In order to carry out the purposes of this article and Article 2 (commencing with Section 25531), an employee or authorized representative of a unified program agency has the authority specified in Section 25185, with respect to the premises of a handler, and in Section 25185.5, with respect to real property that is within 2,000 feet of the premises of a handler, except that this authority shall include conducting inspections concerning hazardous material, in addition to hazardous waste." This information can be found here: http://leginfo.ca.gov/faces/codes_displaySection.xhtml?lawCode=HSC§ionNum=25511.



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

The California Health and Safety Code, Division 20, Chapter 6.5, Article 8, section 25185, states the following: "In order to carry out the purposes of this chapter, any authorized representative of the department or the local officer or agency authorized to enforce this chapter pursuant to subdivision (a) of Section 25180, may, at any reasonable hour of the day, or as authorized pursuant to Title 13 (commencing with Section 1822.50) of Part 3 of the Code of Civil Procedure, do any of the following: (1) Enter and inspect a factory, plant, construction site, disposal site, transfer facility, or any establishment or any other place or environment where hazardous wastes are stored, handled, processed, disposed of, or being treated to recover resources. (2) Carry out any sampling activities necessary to carry out this chapter, including obtaining samples from any individual or taking samples from the property of any person or from any vehicle in which any authorized representative of the department or the local officer or agency authorized to enforce this chapter pursuant to subdivision (a) of Section 25180 reasonably believes has transported or is transporting hazardous waste. However, upon request, split samples shall be given to the person from whom, or from whose property or vehicle, the samples were obtained. (3) Stop and inspect any vehicle reasonably suspected of transporting hazardous wastes when accompanied by a uniformed peace officer in a clearly marked vehicle. (4) Inspect and copy any records, reports, test results, or other information required to carry out this chapter. (5) Photograph any waste, waste container, waste container label, vehicle, waste treatment process, waste disposal site, or condition constituting a violation of law found during an inspection." This information can be found here:

http://leginfo.legislature.ca.gov/faces/codes_displaySection.xhtml?lawCode=HSC§ionNum=25185.

INSPECTION REMARKS:

Helpful Websites:

- For guidance documents on hazardous materials-related topics, go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS), go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations, go to: <http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails: <https://public.govdelivery.com/accounts/CASAND/subscriber/new>

If you have any questions regarding this inspection, please contact Zoraida Herrera, (619) 454-9682, Zoraida.Herrera@sdcounty.ca.gov

INSPECTION PHOTOS

None

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE Tamisha Frye	SIGNATURE		DATE SIGNED 04/18/2018
TITLE OF FACILITY REPRESENTATIVE Administrator Assistant			

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (858) 505-6880 <http://www.sdcdeh.org>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT Handlers of Hazardous Materials and Small and Large Quantity Generators of Hazardous Waste

INSPECTION DATE: 04/18/2018 PAGE 3 OF 7
RECORD ID #: DEH2009-HUPFP-211638

FACILITY NAME: * Agilent Technologies

ADDRESS: * 11011 N TORREY PINES RD

CITY/ZIP: * LA JOLLA

92037

Each violation checked below is for the section(s) of the California Health and Safety Code (HSC), California Code of Regulations (CCR), or the San Diego County Code (SDCC) indicated in italics. Incorporated provisions of Title 40 of the Code of Federal regulations (CFR) are noted for reference. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. HMBP = Hazardous Materials Business Plan; CUPA = Certified Unified Program Agency; CERS = California Environmental Reporting System; SQG = Small Quantity Hazardous Waste Generator; LQG = Large Quantity Hazardous Waste Generator

HAZARDOUS MATERIALS REQUIREMENTS

#	VIOLATION DESCRIPTION
<input type="checkbox"/> 1010001	Failed to establish and implement a HMBP. HSC 25505(a) and 25507(a)
<input type="checkbox"/> 1010002	HMBP not submitted to the CUPA in CERS. HSC 25508(a)(1)(A); 27 CCR 15188(a),(b),(d)
<input type="checkbox"/> 1010003	Business Activities &/or Business Owner/Operator page not completed in CERS. 19 CCR 2652(a)(1); SDCC 68.904(b); HSC 25508(a)(1)(A)
<input type="checkbox"/> 1010004	Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508.1(a-b); 19 CCR 2654 (a) or (d)
<input type="checkbox"/> 1010005	Site map not submitted in CERS or not sufficient. HSC 25505(a)(2); 25508.1(f); 19 CCR 2652(a)(3)
<input type="checkbox"/> 1010006	Failed to update HMBP in CERS within 30 days of a substantial change to any portion of the HMBP, including inventory changes or facility information. HSC 25508.1(a-f); 19 CCR 2654(d); SDCC 68.904(c)(6)
<input type="checkbox"/> 1010008	HMBP not certified annually as complete and accurate in CERS. HSC 25508(a)(1)(A), 25508.2, 19 CCR 2654(b)
<input type="checkbox"/> 1010010	Emergency response plan and procedures to mitigate a release or threatened release not adequate, not established or not submitted in CERS. HSC 25505(a)(3), 25508(a)(1)(A); 19 CCR 2658
<input type="checkbox"/> 1010011	Failure to notify property owner in writing that the business is subject to the HMBP program. HSC 25505.1
<input type="checkbox"/> 1010012	Failure to provide a copy of HMBP to the property owner within five working days upon request from property owner. HSC 25505.1
<input type="checkbox"/> 1010014	Failure to submit emergency response plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A); 19 CCR 2670, 2671
<input type="checkbox"/> 1010015	Failure to submit employee training plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A)
<input type="checkbox"/> 1010016	HMBP not established or submitted in CERS, when not meeting the remote site exemption. HSC 25507.2 and 25508(a)(1)(A)
<input type="checkbox"/> 1020001	Employee training and/or plan for safety procedures in the event of a release or threatened release of a hazardous material not adequate, not established or not submitted in CERS. HSC 25505(a)(4) and 25508(a)(1)(A); 19 CCR 2659(a)
<input type="checkbox"/> 1020002	Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)
<input type="checkbox"/> 1040001	Hazardous materials release or threatened release not immediately reported to the CUPA and OES upon discovery. HSC 25510(a); 19 CCR 2631(a)
<input type="checkbox"/> HMD1001	Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905; 68.906, 68.907
<input type="checkbox"/> HMD1005	Emergency contact not provided or current in CERS. HSC 25508.1(f); SDCC 68.904(b)
<input type="checkbox"/> HMD1007	Highly toxic gas (TLV<10 ppm) not disclosed in CERS. SDCC 68.1113(a)
<input type="checkbox"/> HMD1008	Annual carcinogen/reproductive toxin list not submitted in CERS. SDCC 68.1113(b)
<input type="checkbox"/> 1010017	HMBP not readily available to facility personnel or the CUPA. HSC 25505(c)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS ONLY

#	VIOLATION DESCRIPTION
<input type="checkbox"/> HMD0226	Did not accumulate waste in a container or tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2)
<input type="checkbox"/> 3030007	Failed to properly label/date hazardous waste container &/or tank. 22 CCR 66262.34(f)
<input type="checkbox"/> 3030010	Accumulated waste too long (>180 or 270 days) or (>90 days). HSC 25201(a), 25123.3(h)(1); 22 CCR 66262.34(d); 40 CFR 262.34(e) and/or (f)
<input type="checkbox"/> 3030013	Failed to accumulate hazardous waste in a container that is in good condition. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.171
<input type="checkbox"/> 3030015	Failed to accumulate or store hazardous waste in a lined &/or compatible container. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.172
<input type="checkbox"/> 3030017	Failed to properly close hazardous waste container(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.173
<input type="checkbox"/> 3030019	Failed to inspect hazardous waste storage area at least weekly. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.174
<input type="checkbox"/> 3030022	Failed to properly separate incompatible waste. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.177
<input type="checkbox"/> 3030030	Failed to maintain &/or operate facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.31
<input type="checkbox"/> 3030036	Failed to maintain adequate aisle space. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.35
<input type="checkbox"/> 3010022	Failed to post, next to the telephone, emergency information containing the location of emergency equipment, contact names and phone numbers. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(i)
<input type="checkbox"/> 3020001	Failure to ensure employees are thoroughly familiar with proper waste handling and emergency procedures during normal facility operations and emergencies. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iii)
<input type="checkbox"/> 3030032	Failed to maintain the following emergency response equipment or equivalent: 1) An internal communication or alarm system; 2) A communication device, such as a telephone; 3) Portable fire extinguishers, fire/spill control equipment and decontamination equipment; and 4) Water at adequate volume and pressure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.32
<input type="checkbox"/> 3030039	Failed to have an emergency coordinator on the premises or on call, and available during an emergency. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(i)
<input type="checkbox"/> HMD0412	Failed to implement and/or coordinate emergency response measures during an emergency, spill/release. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iv)

HAZARDOUS WASTE TANK SYSTEMS FOR SQGS ONLY

#	VIOLATION DESCRIPTION
<input type="checkbox"/> 3030024	Failed to operate uncovered tank to ensure at least 2 ft. of freeboard to prevent overtopping, unless the tank is equipped with a containment structure, a drainage control system, or a diversion structure with a capacity that equals or exceeds the volume of the top 2 ft. of the tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(c)



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Hazardous Materials and Hazardous Waste (continued)

- 3030025 Failed to provide an overfill protection device on continuously fed hazardous waste tank(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(4)
- 3030027 Failed to conduct daily tank inspection of discharge control system, monitoring equipment and waste level. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(1-3), 262.34(d)(3)
- 3030028 Failed to conduct weekly hazardous waste tank inspection(s) to detect signs of leakage and ensure that the construction materials, fixtures and surrounding areas of the tank are in good condition. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(4 & 5), 262.34(d)(3)
- 3050007 Failed to properly remove all waste upon closure, decontaminate, and document the closure of a hazardous waste tank system. 22 CCR 67383.3; 40 CFR 262.34(d)(3), 265.201(f)
- HMD1612 Hazardous waste improperly stored in a tank system causing leaks, corrosion, or failure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)
- HMD1614 Failed to pre-notify the CUPA in writing prior to closing a hazardous waste tank system. 22 CCR 67383.3(a)(1)
- HMD1615 Failed to properly accumulate ignitable or reactive waste in a tank system. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(g)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS AND LQGS

RECORD KEEPING/OPERATIONAL REQUIREMENTS

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> HMD0131 | Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. SDCC 68.905 |
| <input type="checkbox"/> HMD0150 | Failed to submit complete and accurate Facility Information in CERS. 27 CCR 15188(b-c); SDCC 68.904(b) |
| <input type="checkbox"/> 3030053 | Failed to maintain waste analysis records, analytical records &/or waste determination results for at least 3 years. 22 CCR 66262.40(c) |
| <input type="checkbox"/> 3010002 | Failed to obtain &/or maintain an active EPA ID Number. 22 CCR 66262.12(a) |
| <input type="checkbox"/> 3010008 | Failed to properly complete a uniform hazardous waste manifest. 22 CCR 66262.23(a) |
| <input type="checkbox"/> 3010009 | Failed to submit an Exception Report to DTSC for hazardous waste manifest. HSC 25123.3(h)(2); 22 CCR 66262.42(b), (c), &/or (d) |
| <input type="checkbox"/> 3010010 | Failed to maintain copies of Uniform Hazardous Waste Manifest, consolidated manifest, or Bills of Lading for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a), 66262.23(a)(3) |
| <input type="checkbox"/> 3010011 | Failed to send copy of the uniform hazardous waste manifest to DTSC within 30 days of shipment. 22 CCR 66262.23(a)(4) |
| <input type="checkbox"/> 3010013 | Failed to meet the consolidated manifesting requirements for waste shipment. HSC 25160.2(b)(3) &/or (c) |
| <input type="checkbox"/> 3010014 | Failed to retain at the generator's place of business disposal records of spent lead-acid batteries for at least 3 years. 22 CCR 66266.81(a)(4)(A) &/or (B) |
| <input type="checkbox"/> 3030006 | Failed to determine if a hazardous waste is restricted or prohibited from land disposal and has to be treated. 22 CCR 66268.7(a)(1) |
| <input type="checkbox"/> 3010016 | Failure of recycler who recycles more than 100 kilograms per month of a recyclable material to submit the biennial Recyclable Materials Report (RMR) in CERS when claiming exclusion or exemption. HSC 25143.10(a), (c) &/or (d) |
| <input type="checkbox"/> HMD0149 | Failed to keep disposal receipts for drained used oil filters and/or drained fuel filters for 3 years. HSC 25250.22; 22 CCR 66266.130(c)(5) |
| <input type="checkbox"/> HMD0152 | Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2) |
| <input type="checkbox"/> HMD0140 | Failed to have Land Disposal Restriction documentation onsite for 3 years. 22 CCR 66268.7(a)(8) |
| <input type="checkbox"/> 3250005 | Failed to obtain a Treatment, Storage and Disposal Facility (TSDF) permit or authorization to store/treat/dispose of hazardous waste. HSC 25201(a) |
| <input type="checkbox"/> 3050005 | Failed to have adequate records demonstrating claim of exemption or exclusion for recyclable materials. HSC 25143.2(f) |
| <input type="checkbox"/> HMD0142 | Failed to notify the CUPA in CERS for onsite hazardous waste treatment/tiered permitting. HSC 25201(a) |
| <input type="checkbox"/> HMD0138 | Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a); HSC 25185(a)(4) |

DISPOSAL AND TRANSPORTATION

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> 3010007 | Failed to prepare a hazardous waste manifest for the transport of a waste for off-site transfer, treatment, storage, or disposal. HSC 25160(b)(1) or (2), 25160.2(b)(9); 22 CCR 66262.20(a) |
| <input type="checkbox"/> 3030005 | Failed to make a proper waste determination. 22 CCR 66262.11, 66262.40(c) |
| <input type="checkbox"/> 3050001 | Failed to use a DTSC registered hazardous waste transporter to transport hazardous waste. HSC 25163(a) |
| <input type="checkbox"/> 3050002 | Failed to properly dispose of hazardous waste at an authorized facility. HSC 25189.5(a) |
| <input type="checkbox"/> HMD0308 | Impermissible dilution of hazardous waste. 22 CCR 66268.3(a) |
| <input type="checkbox"/> HMD0305 | Disposed of used oil illegally. HSC 25250.5(a), 25189.5(a) |
| <input type="checkbox"/> HMD0306 | Failed to properly dispose of oil-based paint &/or hazardous waste latex paint liquid. HSC 25217.1, 25189.5(a) |

STORAGE AND HANDLING

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> 3030001 | Failed to meet the management requirements when handling or storing spent lead-acid batteries. 22 CCR 66266.81(a) |
| <input type="checkbox"/> 3030003 | Failed to properly manage 'damaged' spent lead acid batteries so as to minimize the release of acid and lead and to protect the handlers and the environment 22 CCR 66266.81(b) |
| <input type="checkbox"/> 3030004 | Failed to properly manage, store, label &/or recycle used oil filters &/or used fuel filters. HSC 25250.22; 22 CCR 66266.130 |
| <input type="checkbox"/> 3050004 | Generator intentionally contaminated used oil with another hazardous waste other than minimal amounts of fuel. HSC 25250.7(a), (c) |
| <input type="checkbox"/> HMD0222 | Failed to properly label Excluded Recyclable Materials (ERM) accumulated in a container or tank. HSC 25143.9(a) |
| <input type="checkbox"/> HMD0216 | Failed to label hazardous material container within 10 days after the container was discovered to be mislabeled or inadequately labeled. HSC 25124(b)(3)(A); 22 CCR 66262.34(f) |
| <input type="checkbox"/> HMD0217 | Failed to repackage and properly label damaged/deteriorated hazardous material container within 96 hours. HSC 25124(b)(3)(B); 22 CCR 66262.34(f) |
| <input type="checkbox"/> HMD0219 | Failed to properly segregate used oil &/or fuel drained from filters. HSC 25250.22(b)(4); 22 CCR 66266.130(c)(6) |
| <input type="checkbox"/> 3030057 | Failed to comply with hazardous waste satellite container regulation. 22 CCR 66262.34(e) |
| <input type="checkbox"/> HMD0023 | Failed to properly empty container, failed to manage non-empty container, or inner liner removed from a container. 22 CCR 66261.7(b), (d), (e) &/or (r) |
| <input type="checkbox"/> 3030058 | Failed to mark date on empty container larger than 5 gallons &/or manage it within one year. 22 CCR 66261.7(f) |
| <input type="checkbox"/> 3030059 | Failure of the owner or operator managing laboratory hazardous waste in a laboratory accumulation area to comply with the quantity limitations, management, training, or documentation requirements. HSC 25200.3.1(b) |



COUNTY OF SAN DIEGO COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 04/18/2018 PAGE 5 OF 7
RECORD ID #: DEH2009-HUPFP-211638

Hazardous Materials and Hazardous Waste (continued)

UNIVERSAL WASTE HANDLER REQUIREMENTS

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> 3010004	Failed to obtain a California ID Number from DTSC or federal ID Number from USEPA prior to accumulating 5,000 kgs or more of Universal Waste. 22 CCR 66273.32(a-b)
<input type="checkbox"/> HMD0151	Failed to maintain universal waste handler training records for 3 years. 22 CCR 66273.36(c),(d)
<input type="checkbox"/> 3020003	Failed to properly train handlers of universal waste in universal waste management and response procedures. 22 CCR 66273.36(a),(b)
<input type="checkbox"/> 3030008	Failed to properly label or mark Universal Waste container, package, or pallet (excluding CESQUWG) 22 CCR 66273.34
<input type="checkbox"/> 3030011	Failed to properly dispose of Universal Waste within one year. 22 CCR 66273.35(a) &/or (b)
<input type="checkbox"/> HMD0147	Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2)
<input type="checkbox"/> 3030051	Failed to meet accumulation, labeling, marking, &/or containment standards for Universal Waste aerosol containers. HSC 25201.16(f)
<input type="checkbox"/> 3040004	Failed to manage universal waste in a manner to prevent release(s) to the environment. 22 CCR 66273.33; 66273.33.5
<input type="checkbox"/> HMD0307	Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a); 22 CCR 66273.31(a), 66273.8(b)
<input type="checkbox"/> 3010005	Failure of a universal handler of electronic devices or CRTs from an offsite source to notify DTSC 30 days prior to acceptance. 22 CCR 66273.32(c)
<input type="checkbox"/> 3030055	Failure of certified appliance recycler (CAR) to properly remove and dispose of all materials that require special handling (MRSH). HSC 25211.3, 25212, 25212(c)

HM-923 (06-17)



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 04/18/2018 PAGE 6 OF 7
 RECORD ID #: DEH2009-HUPFP-211638

Medical Waste Generators

Each violation checked below is for the section(s) of the California health and Safety Code (HSC), California Code of Regulation (CCR), or the San Diego County Code (SDCC) indicated in italics. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. UPF = Unified Program Facility; MW = Medical Waste; USPS = United States Postal Service; DOT = Department of Transportation

MEDICAL WASTE GENERATORS

STORAGE AND LABELING

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> HMD4201 | UPF Permit not obtained. HSC 117705; SDCC 68.905, 68.906, 68.1202 |
| <input type="checkbox"/> HMD4216 | Failed to submit or report in CERS chemical inventory information for hazardous waste and/or medical waste, and keep up to date. SDCC 68.904(a)(2) |
| <input type="checkbox"/> HMD4202 | Medical waste (MW) not separated from other waste at the point of origin. HSC 118275 |
| <input type="checkbox"/> HMD4203 | Enclosure or designated accumulation area for MW containers not secured. HSC 118307, 118310 |
| <input type="checkbox"/> HMD4204 | MW designated accumulation area not posted with an approved, legible biohazardous waste "warning sign" in English & Spanish or in another language, in addition to English which can be read from a distance of at least 25 feet. HSC 118310 |
| <input type="checkbox"/> HMD4205 | Medical SOLID WASTE not secured to deny access to unauthorized persons. SDCC 68.1211 |
| <input type="checkbox"/> HMD4206 | Leak or spill of MW not properly decontaminated. HSC 118300 |
| <input type="checkbox"/> HMD4207 | Sharps not stored in approved container or labeled with the words "sharps waste" or with the international biohazard symbol and the word "BIOHAZARD". HSC 118285(a) & (d) |
| <input type="checkbox"/> HMD4208 | Full sharps container not taped closed or tightly-lidded to preclude loss of contents. HSC 118285(b) |
| <input type="checkbox"/> HMD4209 | Primary containers accumulating MW not labeled with an electronic tracking system label or a label with generator's name, address and phone number. SDCC 68.1205 |
| <input type="checkbox"/> HMD4210 | Medical waste not stored in approved and properly marked biohazard bags. HSC 118275(a) |
| <input type="checkbox"/> HMD4211 | Biohazard bags not tied off to prevent leakage or expulsion of contents during storage and handling. HSC 118280(a) |
| <input type="checkbox"/> HMD4212 | Biohazardous bags not containerized in rigid, leak resistant, and covered containers or bins when placed for storage, handling, or transport. HSC 118280(c) |
| <input type="checkbox"/> HMD4213 | Waste container or bin not labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD" on the lid and sides. HSC 118280(c) |
| <input type="checkbox"/> HMD4214 | Reusable containers or bins for MW storage not thoroughly washed and decontaminated and maintained in a clean and sanitary manner. HSC 118295, 118305 |
| <input type="checkbox"/> HMD4215 | Frozen (0°C/32°F) biohazardous waste stored for not more than 90 days. HSC 118280(e)(2) |
| <input type="checkbox"/> HMD4306 | Full sharps container stored not more than 30 days at >0°C. HSC 118285(c) |
| <input type="checkbox"/> HMD4307 | Biohazard bag waste stored not more than 7 days at >0°C (for generators of 20 or more pounds a month). HSC 118280(e)(1)(A) |
| <input type="checkbox"/> HMD4308 | Biohazard bag waste stored >30 days at >0°C (for generators of <20lbs/month). HSC 118280(e)(1)(B) |
| <input type="checkbox"/> HMD4219 | MW interim storage area not marked with warning signs or international biohazard symbol legible from a distance of 5 feet. HSC 118307, 118310 |
| <input type="checkbox"/> HMD4220 | MW interim storage area not properly secured. HSC 118307 |

TREATMENT AND DISPOSAL

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> HMD4251 | MW treated by unapproved method/procedure. HSC 118215 |
| <input type="checkbox"/> HMD4252 | Standard written operating procedures for steam sterilization not established. HSC 118215(a)(2)(A) |
| <input type="checkbox"/> HMD4253 | Recording thermometer not calibrated annually. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> HMD4254 | No records of annual thermometer calibration checks onsite for at least the past 2 years. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> HMD4255 | Heat-sensitive tape or other approved method not used for each load treated onsite. HSC 118215(a)(2)(C) |
| <input type="checkbox"/> HMD4256 | Monthly biological indicator or other approved indicator not used to confirm proper sterilization. HSC 118215(a)(2)(D) |
| <input type="checkbox"/> HMD4257 | Onsite steam sterilization did not reach 121° C (250° F) for at least 30 minutes. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> HMD4258 | Treatment records or logs of dates, time, and temperature not maintained for at least 2 years. HSC 118215(a)(2)(E) |
| <input type="checkbox"/> HMD4259 | Disposal of untreated MW to an unauthorized point. HSC 118340 |

TRANSPORTATION REQUIREMENTS

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> HMD4260 | Transportation of MW without State Hauler Registration, USPS or requirements of the DOT "Materials of Trade Exceptions." HSC 118025 |
| <input type="checkbox"/> HMD4311 | Medical waste tracking documents or logs not in vehicle transporting medical waste. HSC 118040(a) |
| <input type="checkbox"/> HMD4313 | Medical waste tracking documents or logs not complete. HSC 118040(b) |

SMALL QUANTITY GENERATORS ONLY

(<200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> HMD4301 | Medical Waste Management Plan (MWMP) not submitted to HMD (initial/updates), if onsite treatment. HSC 117935 |
| <input type="checkbox"/> HMD4302 | Did not maintain and show proof of "onsite" medical waste treatment records for 3 years. HSC 117943 |
| <input type="checkbox"/> HMD4303 | Did not maintain on file disposal receipts, tracking or shipping documents for medical waste shipped offsite for at least 3 years. HSC 117945 |
| <input type="checkbox"/> HMD4309 | MWMP or equivalent information not onsite (only for SQG doing onsite treatment or comply with pharmaceutical waste hauling exemption). HSC 117935, 118032 |
| <input type="checkbox"/> HMD4310 | Did not meet the requirements of the pharmaceutical waste hauling exemption. HSC 118032 |

LARGE QUANTITY GENERATORS ONLY



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 04/18/2018 PAGE 7 OF 7
 RECORD ID #: DEH2009-HUPFP-211638

Medical Waste Generators (continued)

(>= 200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> HMD4351 | MWMP not submitted to HMD (initial/updates) or incomplete. HSC 117960, 117970 |
| <input type="checkbox"/> HMD4352 | Records of medical waste treatment not available for 2 years. HSC 117975, 118215(a)(2)(E) |
| <input type="checkbox"/> HMD4353 | Did not make available disposal receipts, tracking or shipping documents for at least 2 years for medical waste shipped offsite. HSC 117975 |

LOG MW ONSITE TREATMENT FACILITY

(>= 200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> HMD4501 | Onsite MW treatment permit not obtained or renewed. HSC 117950, 118130; CCR 65620, 65623 |
| <input type="checkbox"/> HMD4502 | Current copy of the MW treatment permit not available. HSC 118165, 118180; CCR 65621(f), 65623 |
| <input type="checkbox"/> HMD4503 | Condition(s) of the MW treatment permit violated. CCR 65623 |
| <input type="checkbox"/> HMD4504 | Operators who treat medical waste not trained in proper equipment use, proper protective equipment to wear and if necessary, proper cleanup of spills. HSC 117967(a) |
| <input type="checkbox"/> HMD4505 | Initial and/or annual training for operators that treat medical waste not provided. HSC 117967(b) |
| <input type="checkbox"/> HMD4506 | Initial and/or annual training documentation for operators that treat medical waste not available for two years. HSC 117967(c) |

CHEMOTHERAPY, PATHOLOGY, PHARMACEUTICAL HAZARDOUS & UNIVERSAL WASTES

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> HMD4401 | Trace chemotherapy waste not segregated from other MW. HSC 118275(a)(4) |
| <input type="checkbox"/> HMD4402 | Trace chemotherapy waste container not labeled "Chemotherapy Waste" or "CHEMO" on the lid and the sides. HSC 118275(a)(4) |
| <input type="checkbox"/> HMD4403 | Illegal disposal of chemotherapy waste. HSC 118340 |
| <input type="checkbox"/> HMD4411 | Pathology waste not segregated from other MW. HSC 118275(a)(5) |
| <input type="checkbox"/> HMD4412 | Pathology waste container not labeled "Pathology Waste" or "PATH" on the lid and the sides. HSC 118275(a)(5) |
| <input type="checkbox"/> HMD4413 | Illegal disposal of pathology waste. HSC 118340 |
| <input type="checkbox"/> HMD4421 | Pharmaceutical waste not segregated from other MW. HSC 118275(a)(6) |
| <input type="checkbox"/> HMD4422 | Pharmaceutical waste not labeled "HIGH HEAT" or "INCINERATION ONLY" on the lid and the sides. HSC 118275(a)(6) |
| <input type="checkbox"/> HMD4423 | Pharmaceutical waste stored more than 90 days when container is full, or stored longer than one year (maximum allowable time). HSC 118280(f) |
| <input type="checkbox"/> HMD4432 | Illegal disposal of pharmaceutical waste. HSC 118340, 118222(b) |
| <input type="checkbox"/> HMD4441 | Disposal of photo/hazwaste to an unauthorized point. HSC 25189.5 |
| <input type="checkbox"/> HMD0147 | Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2) |
| <input type="checkbox"/> HMD0307 | Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a), 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a), 66273.8(b) |

HM-9255 MW (06-17)

Permit #: 211638

Date: August 27, 2019

**SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
Annual Carcinogen and Reproductive Toxin Reporting List**

Business Name: Agilent Technologies

Business Address: 11011 North Torrey Pines Road , La Jolla, CA. 92037

Business Owner or Operator: same as above

Please complete the following by entering the chemical name in the chemical name column and then place a check ✓ in the quantity column that most closely estimates the amount on hand. If measured by volume, check the appropriate gallon column(s). If measured by weight, check the appropriate pound column(s). If the chemical is a trade secret, you should check the trade secret box. For example, if you have one pint of benzene you would write benzene in the chemical name column and place a check ✓ in the <1-gallon column.

(PLEASE NOTE: the symbol < means less than).

Chemical Name	<1 gal.	<1 lb.	<10 gal.	<10 lbs.	<55 gal.	<500 lbs.	Trade Secret
Acrylamide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chloroform	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dichloromethane	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N,N,-Dimethylformamide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ethyl Acetate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Formaldehyde	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Methanol	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pyridine	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trypan Blue	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Permit #: 211638

Date: August 19, 2020

**SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
Annual Carcinogen and Reproductive Toxin Reporting List**

Business Name: Agilent Technologies

Business Address: 11011 North Torrey Pines Road , La Jolla, CA. 92037

Business Owner or Operator: same as above

Please complete the following by entering the chemical name in the chemical name column and then place a check ✓ in the quantity column that most closely estimates the amount on hand. If measured by volume, check the appropriate gallon column(s). If measured by weight, check the appropriate pound column(s). If the chemical is a trade secret, you should check the trade secret box. For example, if you have one pint of benzene you would write benzene in the chemical name column and place a check ✓ in the <1-gallon column.

(PLEASE NOTE: the symbol < means less than).

Chemical Name	<1 gal.	<1 lb.	<10 gal.	<10 lbs.	<55 gal.	<500 lbs.	Trade Secret
Acrylamide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chloroform	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dichloromethane	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N,N,-Dimethylformamide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ethyl Acetate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Formaldehyde	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Methanol	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pyridine	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trypan Blue	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

From: [Marquez, Marie](#)
To: dan.macneil@agilent.com
Subject: Agilent Technologies (CERS ID: 10123627) - Annual Hazardous Materials Business Plan Certification Not Completed
Date: Thursday, April 16, 2020 10:09:39 AM
Attachments: [image001.png](#)

To: Daniel Mac Neil

The Hazardous Materials Division (HMD) is the Certified Unified Program Agency (CUPA) in San Diego County. The HMD, as the CUPA, regulates the hazardous materials business plan statute and regulations. State law requires that a facility that handles or stores hazardous material(s) at or above reporting levels must annually certify their business plan. The business plan certification is important because up to date chemical inventory information is useful to emergency responders and public health officials in case of a spill or other emergencies.

As of 2015, the entire business plan is required to be submitted annually pursuant to California Health and Safety Code (HSC) Chapter 6.95 section 25508(a)(1)(A). The submittal must be completed using the online California Environmental Reporting System (CERS): <https://cers.calepa.ca.gov>. The business plan certification consists of several components:

Facility Information, Hazardous Materials Inventory, Site Map, Emergency Contingency Plan, and Training Plan. Failure to electronically file the business plan as required may result in administrative, civil, or criminal penalties.

Agilent Technologies (CERS ID: 10123627, Record ID: DEH2009-HUPFP-211638) has not completed the Annual Hazardous Materials Business Plan (HMBP) certification requirement of submitting the entire business plan.

The dates of your last submitted business plan from CERS are listed below:

Facility information submitted: 9/30/2019

Inventory and site map submitted: 9/30/2019

Plan submitted: 6/1/2018

Here is a link to the updated Consolidated Emergency Response/Contingency Plan Template:
<https://calepa.ca.gov/wp-content/uploads/sites/6/2017/05/CUPA-Documents-eTemplates-Contingency.pdf>

Within 30 days, please submit your hazardous materials business plan certification using CERS.

Failure to complete the certification can result in civil or administrative penalties between \$2,000 and \$5,000 per day of violation.

If you need assistance, please contact the **CERS Help Desk at (858) 505-6990**.

To make a phone appointment to get one-on-one help, visit HMD's CERS information website at:
https://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html

If you have any question, you can contact me.

Sincerely,

Marie Marquez

Environmental Health Specialist III

County of San Diego

Department of Environmental Health

Hazardous Materials Division

Cell Phone# 619-726-9641

Fax# 858-694-3705

MS O560

Email: marie.marquez@sdcounty.ca.gov

Work Hours: Tuesday – Friday 7:00am – 5:30pm

Website: http://www.co.san-diego.ca.us/deh/hazmat/hazmat_permits.html#box

For local information and daily updates on COVID-19, please visit
<https://www.sandiegocounty.gov/coronavirus.html>
To receive updates via text, send **COSD COVID19** to **468-311**.

Coronavirus Disease 2019
COVID-19

Help us make sure our customers have a positive experience. Please take 60 seconds to provide us with your [feedback](#)



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: Agilent Technologies
 ADDRESS: 11011 N TORREY PINES RD
 CITY/ZIP: LA JOLLA /92037

INSPECTION DATE: <u>04/20/2021</u>	PAGE <u>1</u> OF <u>11</u>
RECORD ID #: <u>DEH2009-HUPFP-211638</u>	
TIME START: <u>10:30 AM</u>	END: <u>2:30 PM</u>
SPECIALIST: <u>Zana Zmily</u>	
INSPECTION CONTACT: <u>Daniel Mac Neil</u>	
TITLE: <u>EH&S Specialist</u>	
PHONE: <u>(858) 373-6420</u>	
E-MAIL: <u>dan.macneil@agilent.com</u>	

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

- | | | | |
|---|--|--|---|
| <input checked="" type="checkbox"/> Unified Program Facility Permit Current | <input checked="" type="checkbox"/> Contingency Plan Available | <input type="checkbox"/> LQG | <input checked="" type="checkbox"/> SQG |
| <input checked="" type="checkbox"/> Hazardous Materials Business Plan Available | <input type="checkbox"/> Employee Training Records Available | | |
| <input checked="" type="checkbox"/> Employee Training is Adequate | <input checked="" type="checkbox"/> Universal Waste Managed Properly | | |
| <input checked="" type="checkbox"/> Waste Disposal Records Available for Review | <input checked="" type="checkbox"/> Waste Containers | <input checked="" type="checkbox"/> Closed | <input type="checkbox"/> Labeled |
| <input checked="" type="checkbox"/> Emergency Contacts Current | <input type="checkbox"/> Updated today | <input checked="" type="checkbox"/> Waste Containers in Good Condition | |
| <input checked="" type="checkbox"/> Chemical Inventory/Map Current | <input type="checkbox"/> Updated today | Permit Expires On | <u>08/31/2021</u> |

CONSENT TO CONDUCT INSPECTION GRANTED BY: Daniel Mac Neil TITLE: EHS Specialist

INTRODUCTION:

Today I conducted a routine inspection of Agilent Technologies to verify compliance with Hazardous Materials Business Plan (HMBP), hazardous waste generator, and medical waste requirements. Today's inspection was conducted with facility representative, Daniel Mac Neil, Environmental Health and Safety Specialist. Consent to conduct the inspection and take photographs was granted to Zana Zmily by Daniel Mac Neil. Agilent Technologies is a facility that specializes in life sciences, including instrumentation and reagents. Per Daniel Mac Neil, the facility has been focusing more on instrumentation within the last year.

The facility address is 11011 N Torrey Pines Road. Invoices and permits mailed to the facility by HMD have been returned several times. Per Daniel Mac Neil, the facility does not have an assigned Suite Number and there are a few other facilities located at the same address. Per Daniel Mac Neil, the facility has established a recent procedure with USPS to ensure the mail is received. The facility has not moved and is currently operating at this location.

On 4/9/21, I called and e-mail Daniel Mac Neil to inform the facility that I would be conducting a routine compliance inspection the following week. On 4/12/21, Daniel Mac Neil e-mailed me stating he was out of town for work and would be available on 4/19/21 or 4/20/21. On 4/13/21, I e-mailed Daniel Mac Neil asking if there was anyone else on-site that would be able to conduct the inspection with me in his absence. On 4/13/21 Daniel Mac Neil responded via e-mail that no one else on-site was knowledgeable or qualified to conduct the inspection and he would try to change his schedule to be available for the inspection. On 4/14/21, Daniel Mac Neil sent me an e-mail that he was unable to change his schedule and that he would be on-site the following week.

The last routine compliance inspection was conducted on 4/25/2018, after two documented attempts to conduct the inspection. During today's inspection, Daniel Mac Neil and I discussed HMD's authority to conduct inspections and that inspections are generally unannounced to get an accurate picture of the day-to-day operations. For reference, HMD's authority to conduct inspections can be found here - California Health and Safety Code, Section 25185 (Hazardous Waste), Section 25511 (Hazardous Materials Business Plan) and Section 118335 (Medical Waste).

This facility is subject to Hazardous Materials Business Plan (HMBP) requirements for storing hazardous materials/hazardous waste in reportable quantities (55 gallons, 500 pounds, 200 cubic feet), hazardous waste, and medical waste requirements. At the time of inspection, based on manifests reviewed, medical waste tracking documents and statements made by Daniel Mac Neil, this facility appears to be a small quantity generator of hazardous waste and a small quantity medical waste generator.



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 04/20/2021 PAGE 2 OF 11
RECORD ID #: DEH2009-HUPFP-211638

VIOLATION # 1

1020002 Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)

Classification: Minor

Observations:

This facility has the capacity to store reportable amounts of hazardous materials/hazardous waste (55 gallons, 500 pounds, 200 cubic feet) and failed to maintain records of an adequate employee training program for the size of the facility and the nature of the hazardous materials handled. The training program shall, at a minimum, include methods for safe handling of hazardous materials; procedures for coordination with local emergency response organizations; use of emergency response equipment; and emergency response procedures for a release or threatened release of hazardous materials.

Per Daniel Mac Neil, the facility conducts HMBP training annually, including IIPP, emergency procedures, PPE, chemical safety, etc.. Documentation of training in 2018 was provided during the inspection. Per Daniel Mac Neil, the facility adjusted training from group refresher training to individual refresher training due to COVID precautions. Daniel Mac Neil provided a few individual training records from varying dates/years, including pre-2020. Per Daniel Mac Neil, the 2019 training records were not available during the inspection. Documentation of training for all staff were not available for three years during the inspection.

Corrective Action Due By:05/20/2021

Locate HMBP employee training records for the last three years and provide copies to me via e-mail. If refresher training has not been conducted within the last year, conduct and document the training within 30 days. Within 30 days, provide documentation of corrective action to me via e-mail at zanalee.zmily@sdcounty.ca.gov. You may use the corrective action form located at the end of this report.

HMBP employee training documentation template: [https://www.sandiegocounty.gov/content/dam/sdc/deh/hmd/pdf/hm-954%20\(01-07\).pdf](https://www.sandiegocounty.gov/content/dam/sdc/deh/hmd/pdf/hm-954%20(01-07).pdf)

VIOLATION # 2

3030007 Failed to properly label/date hazardous waste container &/or tank. 22 CCR 66262.34(f)

Classification: Minor

Observations:

In the West Lab, I observed a cabinet labeled as "Expired Chemical Storage". Inside the cabinet, I observed several expired chemical containers, including Zinc Sulfate, Succinic Acid, etc. Per Daniel Mac Neil, the facility regularly cleans out chemical storage areas and places expired chemicals in the cabinet for disposal by their hazardous waste hauler, Veolia. Several of the containers has labels indicating the chemicals were corrosive, toxic, etc. The containers were not labeled as hazardous waste, the name and address of the generator, the composition and physical state of the waste, the hazardous properties of the waste, or the accumulation start date.

Per Daniel Mac Neil, the "expiration dates" are established by the facility, not the manufacturer, however, once they are placed in the expired chemical storage cabinet are determined to be waste.

Corrective Action Due By:05/20/2021

Properly label all containers storing hazardous waste. Within 30 days, provide documentation of corrective action to me via e-mail at zanalee.zmily@sdcounty.ca.gov. You may use the corrective action form located at the end of this report.

I also observed several containers in the facility that were stored in other chemical storage cabinets that were past the expiration date assigned by the facility, including chloroform in the SA Lab (exp. 9/8/2020), sodium hydroxide in a flammable cabinet (exp. 6/21/2020), isopropyl alcohol with the word "used" on the container, and ethanol (exp. 10/29/2018), methanol (exp. 12/15/2018) and acetonitrile (exp. 12/2019) containers in the Media Lab. Within 30 days, determine if these chemicals are



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 04/20/2021 PAGE 3 OF 11
RECORD ID #: DEH2009-HUPFP-211638

still in use, or if they are waste. If they are waste, conduct a waste determination to determine if the wastes are hazardous waste and ensure they are properly managed accordingly, including proper labeling and disposal as hazardous waste.

Hazardous waste containers must be labeled with the following: The words "Hazardous Waste", the name and address of the generator, the composition and physical state of the waste, the hazardous properties of the waste, and the accumulation start date.

INSPECTION REMARKS:

HMBP Inspection Remarks

The facility last re-certified the Hazardous Materials Business Plan in the California Environmental Reporting System (CERS) on 8/19/2020. In 2019, the facility did not re-certify the Emergency Response/Training Plans submittal element.

Ensure the complete HMBP is re-certified annually, including the Facility Information, Hazardous Materials Inventory and Emergency Response/Training Plans.

Per Daniel Mac Neil, the secondary emergency contact listed in CERS, Chris Mange, was on leave for most of the last year and has recently returned. Since the 8/19/2020, there were no updates made to the facility's secondary emergency contacts in CERS. It is required that emergency contacts are updated and re-submitted through CERS within 30 days of the change. Please ensure the emergency contacts are kept current and are updated, as required, when necessary.

Hazardous Waste Inspection Remarks

Hazardous waste manifests and universal waste disposal records were available during the inspection. Per Daniel Mac Neil, the facility's hazardous waste hauler is Veolia. Per Daniel Mac Neil, the last hazardous waste pick up was in February 2020. Per Daniel Mac Neil, the majority of the hazardous waste generated is from lab clean-outs and a small amount of hazardous waste is generated on a regular basis.

Daniel Mac Neil and I discussed accumulation time limits for small quantity generators (180 days) and facilities that generate less than 100 kg/month (180 days after 100kg is generated - all waste combined). We also discussed satellite accumulation requirements and allowances (*see below*). Ensure the facility is not exceeding accumulation time limits for any hazardous waste generated.

Per the Department of Toxic Substances Control's Hazardous Waste Tracking System (HWTS), the facility's EPA ID, CAL000324223, is active.

The facility has a "dark room" with a photo processing machine that utilizes photo fixer and photo developer. The machine has a water line coming in and several pipes going back to the sewer. There is a silver recovery filter and container that appears to be for waste fixer. The waste fixer container was nearly empty and was not labeled as hazardous waste. It was unclear during the inspection where the waste fixer was discharged to and how the waste is being disposed. Daniel Mac Neil granted consent to take a few photographs of the photo processing system (see Photo 1 and 2). Daniel Mac Neil provided maintenance records for the unit. Per Daniel Mac Neil, prior to obtaining the new unit, the waste fixer was regularly picked up by the same company that collected the silver from the silver recovery unit. There did not appear to be any documentation of disposal for the waste fixer for the last several years. The facility has a current Industrial Wastewater Discharge Permit with the City of San Diego that was recently renewed (02-0441-06-A) expiration 2/1/2025. **Within 30 days, provide a written description of the process to me via e-mail, including the wastes generated, the waste determination for the wastes generated (hazardous/non-hazardous and how you came to that determination) and final disposition of the wastes generated. Please include any safety data sheets if they are used for your waste determination.**

Satellite Accumulation



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 04/20/2021 PAGE 4 OF 11
RECORD ID #: DEH2009-HUPFP-211638

Satellite accumulation allows generators to accumulate hazardous waste for up to one year at or near the point where it is initially generated and collected during daily operation thereby exempting generators from the accumulation standards including the 90, 180 or 270 day accumulation limits if certain conditions are met.

A person may accumulate up to 55 gallons of hazardous waste or 1 quart of acute hazardous waste at each satellite accumulation area, if it is under the control of the person operating the process that generates the waste. Limited standards, such as labeling and maintaining the container in good condition, apply to satellite areas. Once the 55-gallon or 1 quart limit is exceeded at the satellite area, the excess waste must be dated and moved within three days to the central accumulation area where LQG or SQG accumulation standards apply (or the waste can be shipped directly off site).

Medical Waste Inspection Remarks

The facility generates bio-hazardous red bag waste and sharps waste. Per Daniel Mac Neil, medical waste is picked up monthly by Veolia.

Medical waste tracking documents were available and reviewed for the last three years.

Per the medical waste tracking documents reviewed, the facility shipped 156 pounds of medical waste on 8/3/2020. Be advised, if the facility generates 200 or more pounds of medical waste in any month of a 12-month period, then the facility is a large quantity generator. Stay apprised of the facility's medical waste generator status and notify me if the facility generates 200 pounds or more of medical waste in any month.

I observed a steam autoclave in the designated medical waste accumulation area. Per Daniel Mac Neil, the steam autoclave is used to produce distilled water and no medical waste treatment is conducted on-site.

The contents of this report were reviewed with Daniel Mac Neil during the inspection. The report was not signed due to current Public Health Orders and COVID-19 restrictions.

Local information and updates about COVID-19 are available online at:

<https://www.sandiegocounty.gov/coronavirus.html>

To receive text messages with COVID-19 information and updates, send "COSD COVID-19" to the number 468-311 on your mobile phone.

Helpful Websites:

- For guidance documents on hazardous materials-related topics, go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS), go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations, go to: <http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails: <https://public.govdelivery.com/accounts/CASAND/subscriber/new>

If you have any questions regarding this inspection, please contact Zana Zmily ,858-568-8799,
zanalee.zmily@sdcounty.ca.gov



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 04/20/2021 PAGE 5 OF 11
RECORD ID #: DEH2009-HUPFP-211638

INSPECTION PHOTOS



Photo 1 - new fixer (far right), new developer (middle), silver recovery unit (canister in the middle-left), waste fixer (far left). Water line to system (black hose). Tied hoses to sewer.

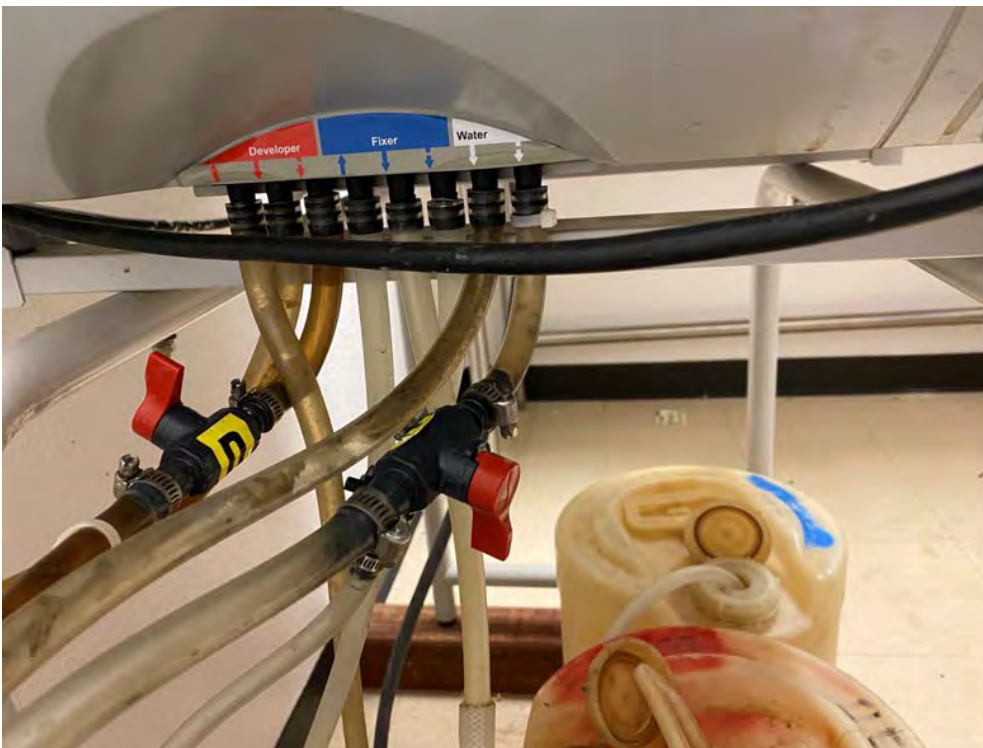


Photo 2 - hoses and labeling showing where the lines are going.

INSPECTION ATTACHMENTS

	Document Name	Document Description
1		



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 04/20/2021 PAGE 6 OF 11
RECORD ID #: DEH2009-HUPFP-211638

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE N/A	SIGNATURE	Signature Not Obtained	DATE SIGNED
TITLE OF FACILITY REPRESENTATIVE N/A			

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (858) 505-6880 <http://www.sdcdeh.org>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT Handlers of Hazardous Materials and Small and Large Quantity Generators of Hazardous Waste

INSPECTION DATE: 04/20/2021 PAGE 7 OF 11
RECORD ID #: DEH2009-HUPFP-211638

FACILITY NAME: * Agilent Technologies

ADDRESS: * 11011 N TORREY PINES RD

CITY/ZIP: * LA JOLLA

92037

Each violation checked below is for the section(s) of the California Health and Safety Code (HSC), California Code of Regulations (CCR), or the San Diego County Code (SDCC) indicated in italics. Incorporated provisions of Title 40 of the Code of Federal regulations (CFR) are noted for reference. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. HMBP = Hazardous Materials Business Plan; CUPA = Certified Unified Program Agency; CERS = California Environmental Reporting System; SQG = Small Quantity Hazardous Waste Generator; LQG = Large Quantity Hazardous Waste Generator

HAZARDOUS MATERIALS REQUIREMENTS

#	VIOLATION DESCRIPTION
<input type="checkbox"/> 1010001	Failed to establish and implement a HMBP. HSC 25505(a) and 25507(a)
<input type="checkbox"/> 1010002	HMBP not submitted in CERS within the required timeframe. HSC 25508(a)(1)(A); 27 CCR 15188(a),(b),(d)
<input type="checkbox"/> 1010003	Business activities &/or Business Owner/Operator page not complete or accurate in CERS. 19 CCR 2652(a)(1); SDCC 68.904(b); HSC 25508(a)(1)(A), 25508(a)(3)
<input type="checkbox"/> 1010004	Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508.1(a-b); 19 CCR 2654 (a) or (d)
<input type="checkbox"/> 1010005	Site map not submitted in CERS or not sufficient. HSC 25505(a)(2); 25508.1(f); 19 CCR 2652(a)(3)
<input type="checkbox"/> 1010006	Failed to update HMBP in CERS within 30 days of a substantial change to any portion of the HMBP, including inventory changes or facility information. HSC 25508.1(a-f); 19 CCR 2654(d); SDCC 68.904(c)(6)
<input type="checkbox"/> 1010008	HMBP not certified as complete and accurate in CERS by the required due date. HSC 25508.2, 19 CCR 2654(b)
<input type="checkbox"/> 1010010	Emergency response plan and procedures to mitigate a release or threatened release not adequate, not established or not submitted in CERS. HSC 25505(a)(3), 25508(a)(1)(A), 25508(a)(3); 19 CCR 2658
<input type="checkbox"/> 1010011	Failure to notify property owner in writing that the business is subject to the HMBP program. HSC 25505.1
<input type="checkbox"/> 1010012	Failure to provide a copy of HMBP to the property owner within five working days upon request from property owner. HSC 25505.1
<input type="checkbox"/> 1010014	Failure to submit emergency response plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A); 19 CCR 2670, 2671
<input type="checkbox"/> 1010015	Failure to submit employee training plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A)
<input type="checkbox"/> 1010016	HMBP not established or submitted in CERS, when not meeting the remote site exemption. HSC 25507.2 and 25508(a)(1)(A)
<input type="checkbox"/> 1020001	Employee training and/or plan for safety procedures in the event of a release or threatened release of a hazardous material not adequate, not established or not submitted in CERS. HSC 25505(a)(4), 25508(a)(1)(A), 25508(a)(3); 19 CCR 2658, 2659(a)
<input type="checkbox"/> 1030001	(AWM) Failure of agricultural handler to post warning signs on buildings where pesticides, petroleum, or fertilizers are stored, that are visible from any direction of probable approach, contain all required information, and are in appropriate language. HSC 6.95 25507.1(a)(2); 19 CCR 2670, 2671
1 <input checked="" type="checkbox"/> 1020002	Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)
<input type="checkbox"/> 1040001	Hazardous materials release or threatened release not immediately reported to the CUPA and OES upon discovery. HSC 25510(a); 19 CCR 2631(a)
<input type="checkbox"/> HMD1001	Unified Program Facility permit not obtained for hazardous materials. SDCC 68.904; 68.905; 68.906, 68.907; 68.907.1
<input type="checkbox"/> HMD1005	Emergency contact not provided or current in CERS. HSC 25508.1(f); SDCC 68.904(b)
<input type="checkbox"/> HMD1007	Highly toxic gas (TLV<10 ppm) not disclosed in CERS. SDCC 68.1113(a)
<input type="checkbox"/> HMD1008	Annual carcinogen/reproductive toxin list not submitted in CERS. SDCC 68.1113(b)
<input type="checkbox"/> 1010017	HMBP not readily available to facility personnel or the CUPA. HSC 25505(c)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS ONLY

#	VIOLATION DESCRIPTION
<input type="checkbox"/> HMD0226	Did not accumulate waste in a container or tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2)
2 <input checked="" type="checkbox"/> 3030007	Failed to properly label/date hazardous waste container &/or tank. 22 CCR 66262.34(f)
<input type="checkbox"/> 3030010	Accumulated waste too long (>180 or 270 days) or (>90 days). HSC 25201(a), 25123.3(h)(1); 22 CCR 66262.34 (b), 66262.34(d); 40 CFR 262.34(e) and/or (f)
<input type="checkbox"/> 3030013	Failed to accumulate hazardous waste in a container that is in good condition. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.171
<input type="checkbox"/> 3030015	Failed to accumulate or store hazardous waste in a lined &/or compatible container. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.172
<input type="checkbox"/> 3030017	Failed to properly close hazardous waste container(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.173
<input type="checkbox"/> 3030019	Failed to inspect hazardous waste storage area at least weekly. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.174
<input type="checkbox"/> 3030022	Failed to properly separate incompatible waste. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.177
<input type="checkbox"/> 3030030	Failed to maintain &/or operate facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.31
<input type="checkbox"/> 3030036	Failed to maintain adequate aisle space. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.35
<input type="checkbox"/> 3010022	Failed to post, next to the telephone, emergency information containing the location of emergency equipment, contact names and phone numbers. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(ii)
<input type="checkbox"/> 3020001	Failure to ensure employees are thoroughly familiar with proper waste handling and emergency procedures during normal facility operations and emergencies. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iii)
<input type="checkbox"/> 3030032	Failed to maintain the following emergency response equipment or equivalent: 1) An internal communication or alarm system; 2) A communication device, such as a telephone; 3) Portable fire extinguishers, fire/spill control equipment and decontamination equipment; and 4) Water at adequate volume and pressure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.32
<input type="checkbox"/> 3030039	Failed to have an emergency coordinator on the premises or on call, and available during an emergency. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(i)
<input type="checkbox"/> HMD0412	Failed to implement and/or coordinate emergency response measures during an emergency, spill/release. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iv)

HAZARDOUS WASTE TANK SYSTEMS FOR SQGS ONLY

VIOLATION DESCRIPTION

HM-923 (10-18)



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Hazardous Materials and Hazardous Waste (continued)

- 3030024 Failed to operate uncovered tank to ensure at least 2 ft. of freeboard to prevent overtopping, unless the tank is equipped with a containment structure, a drainage control system, or a diversion structure with a capacity that equals or exceeds the volume of the top 2 ft. of the tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(c)
- 3030025 Failed to provide an overflow protection device on continuously fed hazardous waste tank(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(4)
- 3030027 Failed to conduct daily tank inspection of discharge control system, monitoring equipment and waste level. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(1-3), 262.34(d)(3)
- 3030028 Failed to conduct weekly hazardous waste tank inspection(s) to detect signs of leakage and ensure that the construction materials, fixtures and surrounding areas of the tank are in good condition. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(4 & 5), 262.34(d)(3)
- 3050007 Failed to properly remove all waste upon closure, decontaminate, and document the closure of a hazardous waste tank system. 22 CCR 67383.3; 40 CFR 262.34(d)(3), 265.201(f)
- HMD1612 Hazardous waste improperly stored in a tank system causing leaks, corrosion, or failure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)
- HMD1614 Failed to pre-notify the CUPA in writing prior to closing a hazardous waste tank system. 22 CCR 67383.3(a)(1)
- HMD1615 Failed to properly accumulate ignitable or reactive waste in a tank system. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(g)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS AND LOGS

RECORD KEEPING/OPERATIONAL REQUIREMENTS

- # VIOLATION DESCRIPTION
- HMD0131 Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. SDCC 68.904; 68.905; 68.907.1
 - HMD0150 Failed to submit complete and accurate Facility Information in CERS. 27 CCR 15188(b-c); SDCC 68.904(b)
 - 3030053 Failed to maintain waste analysis records, analytical records &/or waste determination results for at least 3 years. 22 CCR 66262.40(c)
 - 3010002 Failed to obtain &/or maintain an active EPA ID Number. 22 CCR 66262.12(a)
 - 3010008 Failed to properly complete a uniform hazardous waste manifest. 22 CCR 66262.23(a)
 - 3010009 Failed to submit an Exception Report to DTSC for hazardous waste manifest. HSC 25123.3(h)(2); 22 CCR 66262.42(b), (c), &/or (d)
 - 3010010 Failed to maintain copies of Uniform Hazardous Waste Manifest, consolidated manifest, or Bills of Lading for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a), 66262.23(a)(3)
 - 3010011 Failed to send copy of the uniform hazardous waste manifest to DTSC within 30 days of shipment. 22 CCR 66262.23(a)(4)
 - 3010013 Failed to meet the consolidated manifesting requirements for waste shipment. HSC 25160.2(b)(3) &/or (c)
 - 3010014 Failed to retain at the generator's place of business disposal records of spent lead-acid batteries for at least 3 years. 22 CCR 66266.81(a)(4)(A) &/or (B)
 - 3030006 Failed to determine if a hazardous waste is restricted or prohibited from land disposal and has to be treated. 22 CCR 66268.7(a)(1)
 - 3010016 Failure of recycler who recycles more than 100 kilograms per month of a recyclable material to submit the biennial Recyclable Materials Report (RMR) in CERS when claiming exclusion or exemption. HSC 25143.10(a), (c) &/or (d)
 - HMD0149 Failed to keep disposal receipts for drained used oil filters and/or drained fuel filters for 3 years. HSC 25250.22; 22 CCR 66266.130(c)(5)
 - HMD0152 Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2)
 - HMD0140 Failed to have Land Disposal Restriction documentation onsite for 3 years. 22 CCR 66268.7(a)(8)
 - 3250005 Failed to obtain a Treatment, Storage and Disposal Facility (TSDF) permit or authorization to store/treat/dispose of hazardous waste. HSC 25201(a)
 - 3050005 Failed to have adequate records demonstrating claim of exemption or exclusion for recyclable materials. HSC 25143.2(f)
 - HMD0142 Failed to notify the CUPA in CERS for onsite hazardous waste treatment/tiered permitting. HSC 25201(a)
 - HMD0138 Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a); HSC 25185(a)(4)
 - 3010035 Failure to annually submit notification of generator's intent to remotely consolidate hazardous waste. HSC 25110.10(d)

DISPOSAL AND TRANSPORTATION

- # VIOLATION DESCRIPTION
- 3010007 Failed to prepare a hazardous waste manifest for the transport of a waste for off-site transfer, treatment, storage, or disposal. HSC 25160(b)(1) or (2), 25160.2(b)(9); 22 CCR 66262.20(a)
 - 3030005 Failed to make a proper waste determination. 22 CCR 66262.11, 66262.40(c)
 - 3050001 Failed to use a DTSC registered hazardous waste transporter to transport hazardous waste. HSC 25163(a)
 - 3050002 Failed to properly dispose of hazardous waste at an authorized facility. HSC 25189.5(a)
 - HMD0308 Impermissible dilution of hazardous waste. 22 CCR 66268.3(a)
 - HMD0305 Disposed of used oil illegally. HSC 25250.5(a), 25189.5(a)
 - HMD0306 Failed to properly dispose of oil-based paint &/or hazardous waste latex paint liquid. HSC 25217.1, 25189.5(a)

STORAGE AND HANDLING

- # VIOLATION DESCRIPTION
- 3030001 Failed to meet the management requirements when handling or storing spent lead-acid batteries. 22 CCR 66266.81(a)
 - 3030003 Failed to properly manage 'damaged' spent lead acid batteries so as to minimize the release of acid and lead and to protect the handlers and the environment 22 CCR 66266.81(b)
 - 3030004 Failure to properly manage used oil filters and/or fuel filters in accordance with the requirements. HSC 25250.22; 22 CCR 66266.130
 - 3050004 Generator intentionally contaminated used oil with another hazardous waste other than minimal amounts of fuel. HSC 25250.7(a), (c)
 - HMD0222 Failed to properly label Excluded Recyclable Materials (ERM) accumulated in a container or tank. HSC 25143.9(a)
 - HMD0216 Failed to label hazardous material container within 10 days after the container was discovered to be mislabeled or inadequately labeled. HSC 25124(b)(3)(A); 22 CCR 66262.34(f)
 - HMD0217 Failed to repackage and properly label damaged/deteriorated hazardous material container within 96 hours. HSC 25124(b)(3)(B); 22 CCR 66262.34(f)
 - HMD0219 Failed to properly segregate used oil &/or fuel drained from filters. HSC 25250.22(b)(4); 22 CCR 66266.130(c)(6)
 - 3030057 Failed to comply with hazardous waste satellite container regulation. 22 CCR 66262.34(e)
 - HMD0023 Failed to properly empty container, failed to manage non-empty container, or inner liner removed from a container. 22 CCR 66261.7(b), (d), (e) &/or (r)



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

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Hazardous Materials and Hazardous Waste (continued)

- 3030058 Failed to mark date on empty container larger than 5 gallons &/or manage it within one year. 22 CCR 66261.7(f)
- 3030060 Failure of the owner or operator managing laboratory hazardous waste in a laboratory accumulation area to comply with the accumulation, storage, management, training, and/or record-keeping requirements. HSC 25200.3.1(b) and/or (c)

UNIVERSAL WASTE HANDLER REQUIREMENTS

#	VIOLATION DESCRIPTION
<input type="checkbox"/> 3010004	Failed to obtain a California ID Number from DTSC or federal ID Number from USEPA prior to accumulating 5,000 kgs or more of Universal Waste. 22 CCR 66273.32(a-b)
<input type="checkbox"/> HMD0151	Failed to maintain universal waste handler training records for 3 years. 22 CCR 66273.36(c),(d)
<input type="checkbox"/> 3020003	Failed to properly train handlers of universal waste in universal waste management and response procedures. 22 CCR 66273.36(a),(b)
<input type="checkbox"/> 3030008	Failed to properly label or mark Universal Waste container, package, or pallet (excluding CESQUWG) 22 CCR 66273.34
<input type="checkbox"/> 3030011	Failed to properly dispose of Universal Waste within one year. 22 CCR 66273.35(a) &/or (b)
<input type="checkbox"/> HMD0147	Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2)
<input type="checkbox"/> 3030051	Failed to meet accumulation, labeling, marking, &/or containment standards for Universal Waste aerosol containers. HSC 25201.16(f)
<input type="checkbox"/> 3040004	Failed to manage universal waste in a manner to prevent release(s) to the environment. 22 CCR 66273.33; 66273.33.5
<input type="checkbox"/> HMD0307	Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a); 22 CCR 66273.31(a), 66273.8(b)
<input type="checkbox"/> 3010005	Failure of a universal handler of electronic devices or CRTs from an offsite source to notify DTSC 30 days prior to acceptance. 22 CCR 66273.32(c)
<input type="checkbox"/> 3010020	Failure of a universal waste handler to submit an annual report that includes all required information to DTSC by February 1 of every year . 22 CCR 66273.32(d)
<input type="checkbox"/> 3010006	Failure of the universal waste handler who sends electronic devices or CRTs to any foreign destination to notify DTSC 60 days prior to export and send a copy to the CUPA. 22 CCR 66273.40(a)(3)

CERTIFIED APPLIANCE RECYCLER REQUIREMENTS

#	VIOLATION DESCRIPTION
<input type="checkbox"/> 3010033	Failure to obtain Certified Appliance Recycler certification (CAR) from DTSC. HSC 25211.4
<input type="checkbox"/> 3010034	Failure of certified appliance recycler (CAR) to provide documentation that all materials that require special handling (MRSH) have been properly removed and managed. HSC 25211.2, 25211.3
<input type="checkbox"/> 3030055	Failure of certified appliance recycler (CAR) to properly remove and dispose of all materials that require special handling (MRSH). HSC 25211.3, 25212 (a), (b), and/or (c)

HM-923 (10-18)



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Medical Waste Generators

Each violation checked below is for the section(s) of the California health and Safety Code (HSC), California Code of Regulation (CCR), or the San Diego County Code (SDCC) indicated in italics. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. UPF = Unified Program Facility; MW = Medical Waste; USPS = United States Postal Service; DOT = Department of Transportation

MEDICAL WASTE GENERATORS

STORAGE AND LABELING

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> HMD4201	UPF Permit not obtained. HSC 117705, SDCC 68.904; 68.905; 68.906; 68.907.1; 68.1202
<input type="checkbox"/> HMD4216	Failed to submit or report in CERS chemical inventory information for hazardous waste and/or medical waste, and keep up to date. SDCC 68.904(a)(2)
<input type="checkbox"/> HMD4202	Medical waste (MW) not separated from other waste at the point of origin. HSC 118275
<input type="checkbox"/> HMD4203	Enclosure or designated accumulation area for MW containers not secured. HSC 118307, 118310
<input type="checkbox"/> HMD4204	MW designated accumulation area not posted with an approved, legible biohazardous waste "warning sign" in English & Spanish or in another language, in addition to English which can be read from a distance of at least 25 feet. HSC 118310
<input type="checkbox"/> HMD4205	Medical SOLID WASTE not secured to deny access to unauthorized persons. SDCC 68.1211
<input type="checkbox"/> HMD4206	Leak or spill of MW not properly decontaminated. HSC 118300
<input type="checkbox"/> HMD4207	Sharps not stored in approved container or labeled with the words "sharps waste" or with the international biohazard symbol and the word "BIOHAZARD". HSC 118285(a) & (d)
<input type="checkbox"/> HMD4208	Full sharps container not taped closed or tightly-lidded to preclude loss of contents. HSC 118285(b)
<input type="checkbox"/> HMD4209	Primary containers accumulating MW not labeled with an electronic tracking system label or a label with generator's name, address and phone number. SDCC 68.1205
<input type="checkbox"/> HMD4210	Medical waste not stored in approved and properly marked biohazard bags. HSC 118275(a)
<input type="checkbox"/> HMD4211	Biohazard bags not tied off to prevent leakage or expulsion of contents during storage and handling. HSC 118280(a)
<input type="checkbox"/> HMD4212	Biohazardous bags not containerized in rigid, leak resistant, and covered containers or bins when placed for storage, handling, or transport. HSC 118280(c)
<input type="checkbox"/> HMD4213	Waste container or bin not labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD" on the lid and sides. HSC 118280(c)
<input type="checkbox"/> HMD4214	Reusable containers or bins for MW storage not thoroughly washed and decontaminated and maintained in a clean and sanitary manner. HSC 118295, 118305
<input type="checkbox"/> HMD4215	Frozen (0°C/32°F) biohazardous waste stored for more than 90 days. HSC 118280(e)(2)
<input type="checkbox"/> HMD4306	Full sharps container stored more than 30 days at >0°C. HSC 118285(c)
<input type="checkbox"/> HMD4307	Biohazard bag waste stored more than 7 days at >0°C (for generators of 20 or more pounds a month). HSC 118280(e)(1)(A)
<input type="checkbox"/> HMD4308	Biohazard bag waste stored >30 days at >0°C (for generators of <20lbs/month). HSC 118280(e)(1)(B)
<input type="checkbox"/> HMD4219	MW interim storage area not marked with warning signs or international biohazard symbol legible from a distance of 5 feet. HSC 118307, 118310
<input type="checkbox"/> HMD4220	MW interim storage area not properly secured. HSC 118307

TREATMENT AND DISPOSAL

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> HMD4251	MW treated by unapproved method/procedure. HSC 118215
<input type="checkbox"/> HMD4252	Standard written operating procedures for steam sterilization not established. HSC 118215(a)(2)(A)
<input type="checkbox"/> HMD4253	Recording thermometer not calibrated annually. HSC 118215(a)(2)(B)
<input type="checkbox"/> HMD4254	No records of annual thermometer calibration checks onsite for at least the past 2 years. HSC 118215(a)(2)(B)
<input type="checkbox"/> HMD4255	Heat-sensitive tape or other approved method not used for each load treated onsite. HSC 118215(a)(2)(C)
<input type="checkbox"/> HMD4256	Monthly biological indicator or other approved indicator not used to confirm proper sterilization. HSC 118215(a)(2)(D)
<input type="checkbox"/> HMD4257	Onsite steam sterilization did not reach 121° C (250° F) for at least 30 minutes. HSC 118215(a)(2)(B)
<input type="checkbox"/> HMD4258	Treatment records or logs of dates, time, and temperature not maintained for at least 2 years. HSC 118215(a)(2)(E)
<input type="checkbox"/> HMD4259	Disposal of untreated MW to an unauthorized point. HSC 118340

TRANSPORTATION REQUIREMENTS

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> HMD4260	Transportation of MW without State Hauler Registration, USPS or requirements of the DOT "Materials of Trade Exceptions." HSC 118025
<input type="checkbox"/> HMD4311	Medical waste tracking documents or logs not in vehicle transporting medical waste. HSC 118040(a)
<input type="checkbox"/> HMD4313	Medical waste tracking documents or logs not complete. HSC 118040(b)

SMALL QUANTITY GENERATORS ONLY

(<200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> HMD4301	Medical Waste Management Plan (MWMP) not submitted to HMD (initial/updates), if onsite treatment. HSC 117935
<input type="checkbox"/> HMD4302	Did not maintain and show proof of "onsite" medical waste treatment records for 3 years. HSC 117943
<input type="checkbox"/> HMD4303	Did not maintain on file disposal receipts, tracking or shipping documents for medical waste shipped offsite for at least 3 years. HSC 117945
<input type="checkbox"/> HMD4309	MWMP or equivalent information not onsite (only for SQG doing onsite treatment or comply with pharmaceutical waste hauling exemption). HSC 117935, 118032
<input type="checkbox"/> HMD4310	Did not meet the requirements of the pharmaceutical waste hauling exemption. HSC 118032

LARGE QUANTITY GENERATORS ONLY



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

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Medical Waste Generators (continued)

(>= 200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> HMD4351 | MWMP not submitted to HMD (initial/updates) or incomplete. HSC 117960, 117970 |
| <input type="checkbox"/> HMD4352 | Records of medical waste treatment not available for 2 years. HSC 117975, 118215(a)(2)(E) |
| <input type="checkbox"/> HMD4353 | Did not make available disposal receipts, tracking or shipping documents for at least 2 years for medical waste shipped offsite. HSC 117975 |

LOG MW ONSITE TREATMENT FACILITY

(>= 200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> HMD4501 | Onsite MW treatment permit not obtained or renewed. HSC 117950, 118130; CCR 65620, 65623 |
| <input type="checkbox"/> HMD4502 | Current copy of the MW treatment permit not available. HSC 118165, 118180; CCR 65621(f), 65623 |
| <input type="checkbox"/> HMD4503 | Condition(s) of the MW treatment permit violated. CCR 65623 |
| <input type="checkbox"/> HMD4504 | Operators who treat medical waste not trained in proper equipment use, proper protective equipment to wear and if necessary, proper cleanup of spills. HSC 117967(a) |
| <input type="checkbox"/> HMD4505 | Initial and/or annual training for operators that treat medical waste not provided. HSC 117967(b) |
| <input type="checkbox"/> HMD4506 | Initial and/or annual training documentation for operators that treat medical waste not available for two years. HSC 117967(c) |

CHEMOTHERAPY, PATHOLOGY, PHARMACEUTICAL HAZARDOUS & UNIVERSAL WASTES

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> HMD4401 | Trace chemotherapy waste not segregated from other MW. HSC 118275(a)(4) |
| <input type="checkbox"/> HMD4402 | Trace chemotherapy waste container not labeled "Chemotherapy Waste" or "CHEMO" on the lid and the sides. HSC 118275(a)(4) |
| <input type="checkbox"/> HMD4403 | Illegal disposal of chemotherapy waste. HSC 118340 |
| <input type="checkbox"/> HMD4411 | Pathology waste not segregated from other MW. HSC 118275(a)(5) |
| <input type="checkbox"/> HMD4412 | Pathology waste container not labeled "Pathology Waste" or "PATH" on the lid and the sides. HSC 118275(a)(5) |
| <input type="checkbox"/> HMD4413 | Illegal disposal of pathology waste. HSC 118340 |
| <input type="checkbox"/> HMD4421 | Pharmaceutical waste not segregated from other MW. HSC 118275(a)(6) |
| <input type="checkbox"/> HMD4422 | Pharmaceutical waste not labeled "HIGH HEAT" or "INCINERATION ONLY" on the lid and the sides. HSC 118275(a)(6) |
| <input type="checkbox"/> HMD4423 | Pharmaceutical waste stored more than 90 days when container is full, or stored longer than one year (maximum allowable time). HSC 118280(f) |
| <input type="checkbox"/> HMD4432 | Illegal disposal of pharmaceutical waste. HSC 118340, 118222(b) |
| <input type="checkbox"/> HMD4441 | Disposal of photo/hazwaste to an unauthorized point. HSC 25189.5 |
| <input type="checkbox"/> HMD0147 | Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2) |
| <input type="checkbox"/> HMD0307 | Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a), 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a), 66273.8(b) |

HM-9255 MW (06-17)



COUNTY OF SAN DIEGO

CORRECTIVE ACTION FORM TO DOCUMENT RETURN TO COMPLIANCE

FACILITY NAME: Agilent Technologies
 ADDRESS: 11011 N TORREY PINES RD
 CITY/ZIP: LA JOLLA /92037

INSPECTION DATE: 04/20/2021
 RECORD ID #: DEH2009-HUPFP-211638
 SPECIALIST: Zana Zmily
 INSPECTION CONTACT: Daniel Mac Neil
 TITLE: EH&S Specialist
 PHONE: (858) 373-6420
 E-MAIL: dan.macneil@agilent.com

VIOL#	DATE CORRECTED	INDICATE HOW VIOLATIONS WERE CORRECTED (Attach Any Supporting Documentation)	DUE DATE
#1 1020002			05/20/2021
#2 3030007			05/20/2021

I certify under penalty of law that this facility has corrected all violations marked on the Compliance Inspection Report/Notice of Violation. I have personally examined and am familiar with the information submitted and believe the information is true, accurate and complete. I am authorized to file this certification for the facility, and am aware that there are significant penalties for submitting false information.

PRINTED NAME OF FACILITY REPRESENTATIVE	SIGNATURE	DATE SIGNED
TITLE OF FACILITY REPRESENTATIVE		

SEND COMPLETED FORM AND SUPPORTING DOCUMENTATION TO THE ADDRESS LISTED BELOW

COUNTY OF SAN DIEGO USE ONLY

REVIEWED BY: _____ DATE: _____

SPECIALIST'S COMMENTS:

- All violations noted on date listed above were corrected
- Based On Information Provided By The Facility
- Based On Field Verification By Specialist
- RTC entered by Specialist on: _____
- RTC entered by Office Assistant on: _____

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
<http://www.sdcdeh.org> 858-505-6880



COUNTY OF SAN DIEGO

CORRECTIVE ACTION FORM TO DOCUMENT RETURN TO COMPLIANCE

FACILITY NAME: Agilent Technologies
 ADDRESS: 11011 N TORREY PINES RD
 CITY/ZIP: LA JOLLA / 92 037

INSPECTION DATE: <u>04/20/2021</u>
RECORD ID #: <u>DEH2009-HUPFP-211638</u>
SPECIALIST: <u>Zana Zmily</u>
INSPECTION CONTACT: <u>Daniel Mac Neil</u>
TITLE: <u>EH&S Specialist</u>
PHONE: <u>(858) 633 0</u>
E-MAIL: <u>dan.macneil@agilent.com</u>

VIOL#	DATE CORRECTED	INDICATE HOW VIOLATIONS WERE CORRECTED (Attach Any Supporting Documentation)	DUE DATE
#1 1020002	04/29/2021	Most recent training sign-in sheets could not be located as a result of a recent mock FDA audit. Refresher training was repeated.	05/20/2021
#2 3030007	04/21/2021	Veolia ES disposed of all waste materials on this day + new signage was posted to indicate that the chemicals in question could still be used by R & D, but not our Production teams.	05/20/2021

I certify under penalty of law that this facility has corrected all violations marked on the Compliance Inspection Report/Notice of Violation. I have personally examined and am familiar with the information submitted and believe the information is true, accurate and complete. I am authorized to file this certification for the facility, and am aware that there are significant penalties for submitting false information.

PRINTED NAME OF FACILITY REPRESENTATIVE <u>Daniel R Mac Neil</u>	SIGNATURE	DATE SIGNED <u>May 10, 2021</u>
TITLE OF FACILITY REPRESENTATIVE <u>EHSSpecialist</u>		

SEND COMPLETED FORM AND SUPPORTING DOCUMENTATION TO THE ADDRESS LISTED BELOW

COUNTY OF SAN DIEGO USE ONLY

REVIEWED BY: Zana Zmily DATE: 5/19/2021

SPECIALIST'S COMMENTS:

Email attachment with additional information on fixer/developer

- All violations noted on date listed above were corrected
- Based On Information Provided By The Facility x RTC entered by Specialist on: 7/9/2021
- Based On Field Verification By Specialist RTC entered by Office Assistant on: _____

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
<http://www.sdcdeh.org> 858-505-6880

From: dan.macneil@agilent.com
To: [Zmily, Zanalee](#)
Subject: RE: HMD Compliance Inspection Report
Date: Wednesday, May 19, 2021 2:31:14 PM
Attachments: [Fixer MSDS.pdf](#)
[Developer MSDS.pdf](#)
[Lab Staff Training Refresher Sign In Sheet.pdf](#)
[Final Page Sign Off May 2021.pdf](#)

Hello Zana–

In response to the report action items / follow-up:

1. **Film Processor Operation:** referencing the attachment 1 and based on the manufacturer information, here is a more thorough explanation to the film processor operation in the Dark Room:

The container on the floor directly underneath the processor, right side is the fixer (MSDS attached - Attachment 2)

The container on the floor directly underneath the processor, left side is the developer (MSDS attached – Attachment 3)

The black canister on the floor is the silver trap which collects all the silver – it is collected 1X a year by the service provider and disposed of by [Commodity Resources](#).

The container on the floor against the wall on the far left side is the silver-free rinse (pH 6–8) which is poured back into the machine during cleaning / servicing.

Sources: Quality Digital Imaging of San Diego (service provider) + Alphatek Manufacturing

2. **Unlabeled waste containers in the West Lab:** after discussion with both business teams- Supply Chain / Production and R & D, it was learned that the cabinet with expired chemicals is off limits for use only to the Supply Chain / Production group, not the R & D group. That is apparently why they do not submit the material to the waste cabinet in the same lab and it is not labeled as such. Veolia Environmental Services disposed of all such chemical waste on 4/21/2021.
3. **Training** – The Quality Audit team could not locate the most recent (2020) training sheets that were borrowed from us for a recent mock FDA audit and the majority opinion is that the auditor may have taken these sheets with him after the audit. Therefore I decided to repeat that training (attachment 4).

My apologies for the delay on getting back to you on this – it took a couple weeks to get the vendor onsite to conduct a tutorial with all of us on the workings of the film processor.

The signed corrective action sheet is attachment 5.

Daniel Mac Neil

Workplace Services Site Manager – San Diego Region
Environmental Health & Safety – Americas Field Manager

Agilent Technologies, Inc.
11011 North Torrey Pines Road
La Jolla, Calif. 92037
dan.macneil@agilent.com
Cell : +1 858 228 8044 | TN: +1 858 373 6420 |
www.agilent.com



From: Zanalee.Zmily@sdcounty.ca.gov <Zanalee.Zmily@sdcounty.ca.gov>
Sent: Tuesday, April 20, 2021 6:06 PM
To: MACNEIL,DAN (Agilent USA) <dan.macneil@agilent.com>
Subject: HMD Compliance Inspection Report

External Sender - Use caution opening files, clicking links, or responding to requests.

Dear Daniel Mac Neil:

On 04/20/2021, an inspection was conducted at Agilent Technologies by the County of San Diego Hazardous Materials Division (HMD). Attached is the inspection report, which you should keep for your records, and any corrective action follow-up. If violations were cited during the inspection, the final page entitled Return to Compliance, should be completed, signed and returned to HMD within 30 calendar days.

Please feel free to contact your inspector, or the HMD Desk at hmdutyeh@sdcounty.ca.gov, or by calling 858-505-6880.

Thank you for your time and compliance.

Respectfully,
Your County of San Diego Hazardous Materials Division



DEH2014-HUPFP-000856

Permit Target

DEH2014-HUPFP-000856

[BOX 680]



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 1 OF 3 DATE 9 / 16 / 2014
 RECORD ID # DEH2014-HUPFP-000856
 TIME START 1242 END 1500
 SPECIALIST MIKE MANN
 INSPECTION CONTACT
DAVID HELTON
 TITLE ASSISTANT LAB MANAGER
 PHONE (732) 809-0400

FACILITY NAME GENEWIZ
 ADDRESS 11011 N. TORREY PINES RD. #140
 CITY/ZIP LA JOLLA 92037

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). **This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6.** This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

Y* N/A* NOTE: **Reinspection fees will be charged if additional inspections are required to determine compliance.**

<input type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit current	Y* N/A*	Permit Expires on: <u> </u> / <u> </u> / <u> </u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hazardous Materials Business Plan available	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee training is adequate	<input type="checkbox"/>	Contingency Plan available <input type="checkbox"/> LQG <input checked="" type="checkbox"/> SQG
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste disposal records available for review	<input type="checkbox"/>	Employee training records available
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Emergency contacts current <input type="checkbox"/> Updated today	<input checked="" type="checkbox"/>	Universal waste managed properly
<input type="checkbox"/>	<input type="checkbox"/>	Chemical inventory/map current <input type="checkbox"/> Updated today	<input checked="" type="checkbox"/>	Waste containers <input checked="" type="checkbox"/> closed <input checked="" type="checkbox"/> labeled
			<input checked="" type="checkbox"/>	Waste containers in good condition

Consent to inspect granted by: Inspection Contact Other: _____

NEW BUSINESS PERMIT INSPECTION

THIS BUSINESS IS A CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR OF HAZARDOUS WASTE AND IS A SMALL QUANTITY GENERATOR OF MEDICAL WASTE. THE FOLLOWING VIOLATIONS WERE OBSERVED DURING THIS INSPECTION.
NOTICE TO COMPLY:

1. THIS BUSINESS GENERATES HAZARDOUS WASTE ISOPROPNOL, BUT THE OWNER HAS FAILED TO OBTAIN AN ENVIRONMENTAL PROTECTION AGENCY (EPA) IDENTIFICATION NUMBER FROM THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL (DTSC).
- CORRECTIVE ACTION REQUIRED: WITHIN 30 DAYS, SUBMIT A COMPLETED APPLICATION TO DTSC IN ORDER TO OBTAIN AN EPA ID NUMBER.
2. THIS BUSINESS OPERATOR HAS POURED HAZARDOUS WASTE ISOPROPNOL ON TO ABSORBENT PADS AND THEN PLACED THE PADS IN WITH RED BAG MEDICAL WASTE FOR DISPOSAL. THIS IS UNAUTHORIZED DISPOSAL OF A HAZARDOUS WASTE.
- CORRECTIVE ACTION REQUIRED: MANAGE THE ISOPROPNOL CONTAMINATED PADS AS A HAZARDOUS WASTE. STORE THE PADS INSIDE AN APPROVED CONTAINER WITH A TIGHT FITTING LID AND LABELED WITH A HAZARDOUS WASTE LABEL. REFER TO THE PRINTED FACT SHEET FOR INFORMATION REGARDING HAZARDOUS WASTE STORAGE LIMITS FOR GENERATORS.

The Hazardous Materials Business Plan (inventory & site map, emergency contacts, emergency response plan, and employee training plan) is required by law to be certified online through the California Environmental Reporting System (CERS). For additional information about hazardous materials business plans and CERS, go to: <http://www.sdcountry.ca.gov/deh/hazmat/hmd-cers-info.html>

PRINTED NAME OF FACILITY REPRESENTATIVE

DATE SIGNED

David Helton

09 / 16 / 2014

SIGNATURE OF FACILITY REPRESENTATIVE

TITLE OF FACILITY REPRESENTATIVE

X

Assistant Lab Manager

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261

Phone: (858) 505-6880 <http://www.sdcdeh.org>



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

PERMIT # DEH2014-HUPFP-000856

DATE 9 / 16 / 2014

PAGE 2 OF 3

FACILITY ADDRESS: 11011 N. TORREY PINES RD. #140, LA JOLLA

ZIP CODE: 92037

REMARKS:

- MAIL A PHOTOCOPY OF EACH HAZARDOUS WASTE MANIFEST TO THE CALIFORNIA DTSC WITHIN 30 DAYS OF THE WASTE PICK UP DATE. MAINTAIN COPIES OF THE HAZARDOUS WASTE MANIFESTS ON FILE AT YOUR BUSINESS FOR AT LEAST 3 YEARS.
- A MEDICAL WASTE RED BAG WAS MISSING THE GENERATORS LABEL, BUT WAS PROPERLY LABELED DURING THIS INSPECTION. LABEL ALL RED BAGS WITH THE BUSINESS NAME, ADDRESS, AND PHONE NUMBER WHEN IN USE.
- THIS BUSINESS HAS SUBMITTED ITS INFORMATION TO THE CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS). WITHIN 30 DAYS, UPDATE YOUR CERS ACCOUNT TO INCLUDE THE ISOPROPANOL WASTE AND YOUR EPA ID NUMBER. UPDATE CERS WITHIN 30 DAYS OF ANY CHANGES IN INFORMATION.

SIGNATURE OF FACILITY REPRESENTATIVE

09, 16, 2014

DATE SIGNED

Assistant Lab Manager

TITLE OF FACILITY REPRESENTATIVE



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT
Small and Large Quantity Generators of Hazardous Waste
Handlers of Hazardous Materials

RECORD ID # DEH2014-144444-000856

DATE 9/16/2014

PAGE 3 OF 3

FACILITY ADDRESS: 11011 N. TORREY PINES RD. #140, LA JOLLA ZIP: 92037

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19, 22 & 27 of the California Code of Regulations (CCR), Chapters 6.5, 6.67 & 6.95 of the Health and Safety Code, and/or the San Diego County Code (SDCC), Small Quantity Hazardous Waste Generator=(SQG); Large Hazardous Waste Quantity Generator=(LQG); Code 40 of Federal Regulations=(CFR). All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Your Specialist can provide this form. Please call (858) 505-6880 or your Specialist if you have any questions.

HAZARDOUS MATERIALS REQUIREMENTS

Table with 2 columns: Viol #, V VIOLATION DESCRIPTION. Contains violations 1001 through 1020.

HAZWASTE REQUIREMENTS FOR LOGs & SOGs

Table with 2 columns: Viol #, V VIOLATION DESCRIPTION. Section: STORAGE AND HANDLING. Contains violations 0214 through 0239.

HAZWASTE REQUIREMENTS FOR LOGs & SOGs

RECORDKEEPING

Table with 2 columns: Viol #, V VIOLATION DESCRIPTION. Section: RECORDKEEPING. Contains violations 0131 through 0149.

HAZWASTE REQUIREMENTS FOR SOGs ONLY

Table with 2 columns: Viol #, V VIOLATION DESCRIPTION. Section: STORAGE AND HANDLING Pursuant to 66262.34(d). Contains violations 0225 through 0234.

TRAINING, CONTINGENCY PLAN & ER PROCEDURES

Table with 2 columns: Viol #, V VIOLATION DESCRIPTION. Section: Pursuant to 66262.34(d)(2). Contains violations 0407 through 0412.

DISPOSAL AND TRANSPORTATION

Table with 2 columns: Viol #, V VIOLATION DESCRIPTION. Section: DISPOSAL AND TRANSPORTATION. Contains violations 0301 through 0308.

HAZARDOUS WASTE TANK SYSTEMS Pursuant to 66262.34(d)(2)

Table with 2 columns: Viol #, V VIOLATION DESCRIPTION. Section: HAZARDOUS WASTE TANK SYSTEMS Pursuant to 66262.34(d)(2). Contains violations 1612 through 1616.

SIGNATURE OF FACILITY REPRESENTATIVE

DATE SIGNED 09/16/2014

TITLE OF FACILITY REPRESENTATIVE Assistant Lab Manager



COUNTY OF SAN DIEGO

CORRECTIVE ACTION FORM TO DOCUMENT RETURN TO COMPLIANCE

RECEIVED

OCT 15 2014

PERMIT #: DEH2014-HUPFP-000856

SPECIALIST: MIKE MANN

INSPECTION DATE: 9/16/2014

CONTACT: DAVID HELTON

FACILITY NAME: GENEWIZ

ADDRESS: 11011 N. TORREY PINES RD. #140 CITY: LA JOLLA ZIP: 92037

ENVIRONMENTAL HEALTH

VIOL #	DATE CORRECTED	INDICATE HOW VIOLATIONS WERE CORRECTED (Attach any supporting documentation.)
v 0132	10/13/2014	EPA number was applied for on 9/25/14, and number issued 10/2/14. Permit arrived today 10/13/14. CAL000401033
v 0301	10/13/2014	Signed Quote with Stericycle for new Hazardous Waste Disposal account. Stericycle will supply containers
v 3	/ /	
v 4	/ /	
v 5	/ /	
v 6	/ /	
v 7	/ /	
v 8	/ /	
v 9	/ /	
v 10	/ /	

I certify under penalty of law that this facility has corrected all violations marked on the Compliance Inspection Report/Notice of Violation. I have personally examined and am familiar with the information submitted and believe the information is true, accurate and complete. I am authorized to file this certification for the facility, and am aware that there are significant penalties for submitting false information.

Responsible Party: David Helton Job Title: Assistant Lab Manager

Signature of Responsible Party: [Signature] Date: 10/13/14

Send completed form and supporting documentation to the address listed below

COUNTY OF SAN DIEGO USE ONLY: Reviewed by: M Mann Date: 11/3/2014
(Specialist's name and date required for processing)

Specialist's comments: _____

All violations noted on date listed above were corrected. Based on information provided by the facility
 Based on field verification by Specialist

RTC entered in Kiva by Specialist on: 11/4/14 RTC entered in Kiva by Office Assistant on: / /

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
<http://www.sdcdeh.org> 858-305-6880

DEH2014-HMFP-000856



COUNTY OF SAN DIEGO CUPA
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
PHONE: (858) 505-6700; FAX: (858) 505-6848; Email: hmdutych@sdcounty.ca.gov
www.sdceh.org

RECEIVED

5-16-14
A

2014 APR 25 AM 8:50

CERS ACCESS/I.D. REQUEST FORM

ENVIRONMENTAL HEALTH

All Certified Unified Program Agency (CUPA) regulated businesses are required by law (Assembly Bill 2286) to submit business information electronically through the California Environmental Reporting System (CERS). This includes information related to your:

- Unified Program Facility Permit
- Hazardous Materials Business Plan
- Hazardous Waste
- Hazardous Waste Onsite Treatment
- Hazardous Waste Tank Closures
- Remote Waste Consolidation
- Recyclable Materials Reports
- Underground Storage Tanks
- Aboveground petroleum storage over 1,320 gallons
- Medical Waste**

A CERS I.D. is required in order to obtain or maintain a valid Unified Program Facility Permit. Please send your completed form to the County of San Diego Hazardous Materials Division (address above). When your CERS account is established, your designated lead users will receive an email with directions to begin electronic reporting.

** In San Diego County, Medical Waste Generators are required to report in CERS in order to receive a valid permit.

I. IDENTIFICATION

<input type="checkbox"/> Change of Owner: a business is sold to a new owner.	PERMIT/RECORD NUMBER
<input checked="" type="checkbox"/> Relocation: a business moves to a new address and owner remains the same.	CERS ID NUMBER
<input type="checkbox"/> New Business: a business opens in a vacant or newly constructed building.	10500772
<input type="checkbox"/> CERS Assistance Requested: none of the above are applicable. I need access to my CERS account.	BUSINESS PHONE*
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)*	(858) 454-8889
GENEWIZ San Diego	SUITE NUMBER*
SITE ADDRESS*	140
11011 North Torrey Pines Road	ZIP CODE*
CITY*	CA 92037-
San Diego	BUSINESS OWNER PHONE
BUSINESS OWNER FIRST AND LAST NAME or CORPORATE NAME*	
Genewiz, Inc.	

II. PREVIOUS ADDRESS (IF APPLICABLE)

PREVIOUS SITE ADDRESS	PREVIOUS PERMIT/RECORD NUMBER
11099 North Torrey Pines Road, Suite 270	10371548
PREVIOUS CITY	PREVIOUS ZIP CODE
San Diego	CA 92037-

III. CERS LEAD USERS

-PRIMARY-		-SECONDARY-	
NAME*	Chip Justus	NAME	David Helton
TITLE*	West Coast Regional Manager	TITLE	Ass. Start Manager
BUSINESS PHONE	858-454-8889	BUSINESS PHONE	858-454-8889
E-MAIL*	charles.justus@genewiz.com	E-MAIL:	david.helton@genewiz.com

*Required
I authorize the Hazardous Materials Division to create my CERS ID. I understand that I am responsible for completing and maintaining my facility information in CERS as required by law. I certify under penalty of law that I have personally examined and am familiar with the information submitted on this form and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER OR OPERATOR*	DATE*
	4/23/14
NAME OF SIGNER (print)*	TITLE OF SIGNER*
Chip Justus	West Coast Regional Manager

OFFICE USE ONLY	Transfer past submittals? no <input type="checkbox"/> yes <input type="checkbox"/>	HUPFP #:
	PLAN CHECK: no <input type="checkbox"/> yes <input type="checkbox"/>	HHMBP #: DEH2014-HHMBP-001685

10500772

County of San Diego CUPA
Department of Environmental Health - Hazardous Materials Division



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6880 FAX (858) 505-6848
<http://www.sdcdeh.org>



Medical Waste Management Plan

Facility Information

Unified Program Facility

Business

Permit #: CERS ID#: 10500772

Name: Genewiz-Genetic Analysis

Date: 6 /1 /2014

Type of Business: Biotechnology

Address: 11011 North Torrey Pines Road, Suite 140 La Jolla CA 92037
Street No. Street Name City State Zip Code

Person Responsible for implementing the Medical Waste Management Plan

Name: Chip Justus

Phone: (732)-208 X 6009

Title: West Coast Regional Manager

Types of wastes generated

Sharps - e.g., needles, blades, scalpels, or broken glass or syringes contaminated with biohazardous waste.

Estimated monthly amount lbs

Blood or body fluids - liquid blood or blood products, or other regulated body fluids, or articles contaminated with liquid blood or body fluids.

Estimated monthly amount lbs

Home-Generated Sharps

Estimated monthly amount lbs

Pathology waste - recognizable human anatomical parts.

Estimated monthly amount lbs

Laboratory wastes - specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, biologicals, and culture media.

Estimated monthly amount 80 lbs

Surgical specimens - human or animal parts or tissues removed surgically or by autopsy and are suspected to be contaminated by agents which are contagious to humans.

Estimated monthly amount lbs

Liquid or semi-liquid biohazardous laboratory waste - treated on site by chemical disinfection* and discharged to sewer.

Estimated monthly amount lbs

Isolation waste - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases.

Estimated monthly amount lbs

Waste contaminated with fixatives or chemotherapeutic agents.

Estimated monthly amount lbs

Contaminated animals - animal carcasses, body parts, tissues or fluids suspected to be contaminated by agents which are contagious to humans.

Estimated monthly amount lbs

California-regulated pharmaceutical waste

Estimated monthly amount lbs

Other (specify):

Estimated monthly amount lbs

Estimate of **TOTAL** monthly medical waste generated: 80 lbs

ONSITE MEDICAL WASTE TREATMENT ONLY: Method of medical waste treatment *if performed onsite:*

Steam Autoclaving

Other state approved alternative technology (specify below):

Onsite medical waste treatment records must be maintained for three years. HSC §117975

*Per HSC §118215(c), for liquid or semi-liquid biohazardous laboratory waste (§117635(a)), the treatment method must be recognized by the NIH, the CDC, or the American Biological Safety Association. If the chemical disinfection of the medical waste causes the waste to become a hazardous waste, the waste shall be managed in accordance with the requirements of HSC Chapter 6.5 (commencing with §25100) of Division 20.

Medical Waste Management Plan

Registered Medical Waste Hauler used to remove untreated medical waste (if applicable):

Name: Stericycle

Address: 9855 Distribution Ave, Suite 110

City: San Diego State CA ZIP Code 92121

Phone #: (858) -684 - 3537

Contact Person: Automated

Offsite treatment facility to which medical waste is transported (if applicable):

Facility Name: N/A

Address: _____

City: _____ State _____ ZIP Code _____

Phone #: (____) _____ - _____

Contact Person: _____

Phone #: (____) _____ - _____

I hereby certify to the best of my knowledge and believe the statements made herein are correct and accurate.

Name: Chip Justus
Type or Print

Title: West Coast Regional Manage

Signature: 

Date: 6 /1 /2014

Emergency Action Plan:

Note: This requirement only applies to Large Quantity Generators of Medical Waste (≥ 200 lbs/month).

This plan is to be followed to ensure the proper disposal of medical waste in the event of a natural disaster, spill, treatment system break down, power failure, etc. (600 characters max. for WORD interactive form - use additional sheets if necessary).



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6880 FAX (858) 505-6848
<http://www.sdcdeh.org>



Medical Waste Management Plan

Facility Information

Unified Program Facility

Business

Permit #: CERS ID#: 10600772

Name: Genewiz-Genetic Analysis

Date: 6 /1 /2014

Type of Business: Biotechnology

Address: 11011 North Torrey Pines Road, Suite 140 La Jolla CA 92037
Street No. Street Name City State Zip Code

Person Responsible for implementing the Medical Waste Management Plan

Name: Chip Justus

Phone: (732)-208 X 6009

Title: West Coast Regional Manager

Types of wastes generated

Sharps - e.g., needles, blades, scalpels, or broken glass or syringes contaminated with biohazardous waste.

Estimated monthly amount lbs

Blood or body fluids - liquid blood or blood products, or other regulated body fluids, or articles contaminated with liquid blood or body fluids.

Estimated monthly amount lbs

Home-Generated Sharps

Estimated monthly amount lbs

Pathology waste - recognizable human anatomical parts.

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Liquid or semi-liquid biohazardous laboratory waste - treated on site by chemical disinfection* and discharged to sewer.

Estimated monthly amount lbs

Isolation waste - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases.

Estimated monthly amount lbs

Waste contaminated with fixatives or chemotherapeutic agents.

Estimated monthly amount lbs

Contaminated animals - animal carcasses, body parts, tissues or fluids suspected to be contaminated by agents which are contagious to humans.

Estimated monthly amount lbs

California-regulated pharmaceutical waste
Estimated monthly amount lbs

Other (specify):
Estimated monthly amount lbs

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Phone #: (858) -684 - 3537

Contact Person: Automated

Offsite treatment facility to which medical waste is transported (if applicable):

Facility Name: N/A

Address: _____

City: _____ State _____ ZIP Code _____

Phone #: (____) _____ - _____

Contact Person: _____

Phone #: (____) _____ - _____

I hereby certify to the best of my knowledge and believe the statements made herein are correct and accurate.

Name: Chip Justus
Type or Print

Title: West Coast Regional Manage

Signature: _____

Date: 6 /1 /2014

Emergency Action Plan:

Note: This requirement only applies to Large Quantity Generators of Medical Waste (≥ 200 lbs/month).

This plan is to be followed to ensure the proper disposal of medical waste in the event of a natural disaster, spill, treatment system break down, power failure, etc. (600 characters max. for WORD interactive form - use additional sheets if necessary).



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
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P.O. BOX 129261, SAN DIEGO, CA 92112-9261
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Medical Waste Management Plan

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Street No. Street Name City State Zip Code

Person Responsible for Implementing the Medical Waste Management Plan

Name: Chip Justus

Phone: (732)-208 X 6009

Title: West Coast Regional Manager

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Estimated monthly amount lbs

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Liquid or semi-liquid biohazardous laboratory waste - treated on site by chemical disinfection* and discharged to sewer.

Estimated monthly amount lbs

Isolation waste - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases.

Estimated monthly amount lbs

Waste contaminated with fixatives or chemotherapeutic agents.

Estimated monthly amount lbs

Contaminated animals - animal carcasses, body parts, tissues or fluids suspected to be contaminated by agents which are contagious to humans.

Estimated monthly amount lbs

California-regulated pharmaceutical waste
Estimated monthly amount lbs

Other (specify):
Estimated monthly amount lbs

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Medical Waste Management Plan

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Name: Stericycle

Address: 9855 Distribution Ave, Suite 110

City: San Diego State CA ZIP Code 92121

Phone #: (858) -684 - 3537

Contact Person: Automated

Offsite treatment facility to which medical waste is transported (if applicable):

Facility Name: N/A

Address: _____

City: _____ State _____ ZIP Code _____

Phone #: (____) _____ - _____

Contact Person: _____

Phone #: (____) _____ - _____

I hereby certify to the best of my knowledge and believe the statements made herein are correct and accurate.

Name: Chip Justus
Type or Print

Title: West Coast Regional Manage

Signature: _____

Date: 6 /1 /2014

Emergency Action Plan:

Note: This requirement only applies to Large Quantity Generators of Medical Waste (≥ 200 lbs/month).

This plan is to be followed to ensure the proper disposal of medical waste in the event of a natural disaster, spill, treatment system break down, power failure, etc. (600 characters max. for WORD interactive form - use additional sheets if necessary).



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 09/08/2016

RECORD ID #: DEH2014-HUPFP-000856

TIME START: 10:45 AM END: 12:30 PM

SPECIALIST: Anastasiya Irkhin

INSPECTION CONTACT: David Helton

TITLE: Assistant Manager Genetic Analysis

PHONE: (858) 454-8889

E-MAIL: david.helton@genewiz.com

FACILITY NAME: GENEWIZ
 ADDRESS: 11011 N TORREY PINES RD 140
 CITY/ZIP: LA JOLLA /92037

FACILITY REFERENCE DATA

ACCELA

RECORD STATUS: Permit Renewed
 PERMIT EXPIRATION DATE: 03/31/2017
 BALANCE DUE: \$0.00
 INSPECTOR: Anastasiya Irkhin
 INSPECTION TYPE: Routine
 INSPECTION STATUS: Complete

CERS

EPA ID NUMBER: CAL000401033
 FACILITY CERS ID NUMBER: 10500772
 CERS LEAD USER: Chad Hansen
 LAST CERS SUBMITTAL DATE: 12/18/2014
 ENVIRONMENTAL CONTACT EMAIL: charles.justus@genewiz.com
 ENVIRONMENTAL CONTACT PHONE: 8584548889

FACILITY INFORMATION

	YES	NO		YES	NO
INACTIVATION INSPECTION:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HAZARDOUS MATERIALS:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CHANGE OF OWNER:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HAZARDOUS WASTE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CHANGE IN BUSINESS TYPE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ABOVEGROUND PETROLEUM STORAGE ACT:*	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS TYPE: <u>Biomedical/Biotech-Not Large Manufacturer</u>			TOTAL SHELL CAPACITY APSA:		<u>0</u>
ISSUE INITIAL INVOICE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	UNDERGROUND STORAGE TANK:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS NON-NOTIFICATION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CALARP PROGRAM (CERS):	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS RE-INSPECTION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CALARP PROGRAM LEVEL:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FACILITY SUBJECT TO BASE FEE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MEDICAL WASTE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
FACILITY SUBJECT TO CUPA FEE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MW FACILITY GENERATING OVER 200 LBS PER MONTH:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UPDATE FACILITY ADDRESS IN AA:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EPIC PARTICIPANT:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			NUMBER OF TLV GASES AT THE FACILITY:		<u>0</u>

HW GENERATOR STATUS :

TIERED PERMIT LEVEL(S) :

PRIMARY BILLING CODE: SECONDARY BILLING CODE: TERTIARY BILLING CODE:

INSPECTION SCOPE:

HAZARDOUS MATERIALS: HAZARDOUS WASTE:

MEDICAL WASTE: CALARP:

TIERED PERMITTING:

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT NAME: David Helton TITLE: Assistant Manager Genetic A

REMOVE BLANK CHECKLISTS FROM FINAL INSPECTION REPORT REFUSED TO SIGN

INSPECTION REPORT EMAILS:
Anastasiya.Irkhin@sdcounty.ca.gov, Kelly.Robertson@sdcounty.ca.gov

RECORD COMMENT:



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: GENEWIZ
 ADDRESS: 11011 N TORREY PINES RD 140
 CITY/ZIP: LA JOLLA /92037

INSPECTION DATE: 09/08/2016 PAGE 1 OF 5
 RECORD ID #: DEH2014-HUPFP-000856
 TIME START: 10:45 AM END: 12:30 PM
 SPECIALIST: Anastasiya Irkhin
 INSPECTION CONTACT: David Helton
 TITLE: Assistant Manager Genetic Analysis
 PHONE: (858) 454-8889
 E-MAIL: david.helton@genewiz.com

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit Current	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contingency Plan Available <input checked="" type="checkbox"/> LQG <input type="checkbox"/> SQG
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hazardous Materials Business Plan Available	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training Records Available
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training is Adequate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Universal Waste Managed Properly
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Disposal Records Available for Review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers <input checked="" type="checkbox"/> Closed <input checked="" type="checkbox"/> Labeled
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Emergency Contacts Current <input type="checkbox"/> Updated today	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers in Good Condition
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Inventory/Map Current <input checked="" type="checkbox"/> Updated today			Permit Expires On <u>03/31/2017</u>

CONSENT TO CONDUCT INSPECTION GRANTED BY: David Helton

TITLE: Assistant Manager Genetic Anal

INTRODUCTION:

Today a routine Certified Unified Program Agency (CUPA) inspection was completed at Genewiz to verify compliance with medical waste and hazardous waste regulations. At the time of inspection this facility is a small quantity medical waste generator and a small quantity hazardous waste generator.

INSPECTION REMARKS:

Observed during inspection were the following hazardous waste and medical waste:

- 1 x 55 gallon drum of hazardous waste solid - flammable
- 2 x 55 gallon drums of medical waste (bio-hazardous waste "red-bag" waste)

Medical waste disposal documents were on-site and reviewed during inspection. Pick-ups are weekly per disposal documents. Hazardous waste manifests were reviewed during inspection. Pick-ups are every three months at approximately one-55 gallon container per disposal documents.

Employee training documents were on-site and reviewed during inspection.

Facility is managing all their medical solid waste as bio-hazardous red bag waste since the shared dumpster is not locked currently.

At the time of inspection California Environmental Reporting System (CERS) assistance was provided. Facility re-submitted facility information, hazardous materials inventory, and emergency response/employee training plans sections which included and updated site map to indicate location of emergency response equipment.

REMARK: Ensure that your hazardous materials business plan (HMBP) is re-submitted/re-certified at least once every twelve months or within 30 days of a change occurring.

Helpful Websites:



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 09/08/2016 PAGE 2 OF 5
 RECORD ID #: DEH2014-HUPFP-000856

- For guidance documents on hazardous materials-related topics, go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS), go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations, go to: <http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails: <https://public.govdelivery.com/accounts/CASAND/subscriber/new>

If you have any questions regarding this inspection, please contact Anastasiya Irkhin, 858-518-7388, Anastasiya.Irkhin@sdcounty.ca.gov

INSPECTION PHOTOS
None

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE David Helton	SIGNATURE		DATE SIGNED 09/08/2016
TITLE OF FACILITY REPRESENTATIVE Assistant Manager Genetic Analysis			

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
 Phone: (858) 505-6880 <http://www.sdcdeh.org>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT Handlers of Hazardous Materials and Small and Large Quantity Generators of Hazardous Waste

INSPECTION DATE: 09/08/2016 PAGE 3 OF 5
RECORD ID #: DEH2014-HUPFP-000856

FACILITY NAME: * **GENEWIZ**

ADDRESS: * **11011 N TORREY PINES RD 140**

CITY/ZIP: * **LA JOLLA**

92037

Each violation checked below is for the section(s) of the California Health and Safety Code (HSC), California Code of Regulations (CCR), or the San Diego County Code (SDCC) indicated in italics. Incorporated provisions of Title 40 of the Code of Federal regulations (CFR) are noted for reference. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. HMBP = Hazardous Materials Business Plan; CUPA = Certified Unified Program Agency; CERS = California Environmental Reporting System; SQG = Small Quantity Hazardous Waste Generator; LQG = Large Quantity Hazardous Waste Generator

Hazardous Materials Requirements

- | # | VIOLATION DESCRIPTION |
|--------------------------|--|
| <input type="checkbox"/> | 1010001 HMBP not established/ implemented. HSC 25505(a) and 25507(a) |
| <input type="checkbox"/> | 1010002 HMBP not submitted to the CUPA in CERS. HSC 25508(a)(1)(A); HSC 25404(e)(4); 27 CCR 15188(a), (d) |
| <input type="checkbox"/> | 1010003 Business Activities and/or Business Owner/Operator Identification not completed in CERS. 19 CCR 2729.2(a)(1); HSC 25404(e)(4) |
| <input type="checkbox"/> | 1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25506; 25507; and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1010005 Site map not submitted in CERS or not sufficient. HSC 25505(a)(2) and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1010006 HMBP not updated to reflect inventory changes or facility information. HSC 25508.1(a-e) |
| <input type="checkbox"/> | 1010007 HMBP not updated to reflect substantial change to the handler's operations. HSC 25508.1(f) |
| <input type="checkbox"/> | 1010008 HMBP not certified annually as complete and accurate in CERS. HSC 25508.2 |
| <input type="checkbox"/> | 1010010 Emergency response procedures to mitigate a release or threatened release not adequate, not established or not submitted in CERS. HSC 25505(a)(3) and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1010011 Failure to notify property owner in writing that the business is subject to the HMBP program. HSC 25505.1 |
| <input type="checkbox"/> | 1010012 Failure to provide a copy of HMBP to the property owner within five working days upon request from property owner. HSC 25505.1 |
| <input type="checkbox"/> | 1010014 Failure to submit emergency response plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1010015 Failure to submit employee training plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1010016 HMBP not established or submitted in CERS, when not meeting the remote site exemption. HSC 25507.2 and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1020001 Employee training plan for hazardous materials management not adequate, not established or not submitted in CERS. HSC 25505(a)(4) and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1020002 Initial and/or annual employee training not conducted for hazardous materials management and/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4) |
| <input type="checkbox"/> | 1040001 Hazardous materials release or threatened release not reported to the CUPA and OES immediately upon discovery. HSC 25510(a) |
| <input type="checkbox"/> | 4010001 Failed to prepare and implement a written Spill Prevention Control and Countermeasures (SPCC) Plan in accordance with 40 CFR 112 (sec. 112.3). HSC 25270.4.5(a) |
| <input type="checkbox"/> | HMD 1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905 |
| <input type="checkbox"/> | HMD 1005 Emergency contact not provided or current. HSC 25508.1(f) |
| <input type="checkbox"/> | HMD 1007 Highly toxic gas (TLV<10 ppm) not disclosed. SDCC 68.1113(b) |
| <input type="checkbox"/> | HMD 1008 Annual carcinogen/reproductive toxin list not submitted. SDCC 68.1113(c) |
| <input type="checkbox"/> | HMD 1013 HMBP not readily available for review. HSC 25505(c) |

Hazardous Waste Requirements for SQGs ONLY

- | | |
|--------------------------|--|
| <input type="checkbox"/> | HMD 0226 Did not accumulate waste in a container or tank. (40 CFR 262.34(d)(2).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | HMD 0412 Failed to have an emergency coordinator on call or available during an emergency. (40 CFR 262.34(d)(5)(i).) 22 CCR 66262.34(d)(2) |

HM-923 (03-15)

Hazardous Waste Requirements for SQGs ONLY (continued)

- | # | VIOLATION DESCRIPTION |
|--------------------------|--|
| <input type="checkbox"/> | 3030007 Failed to properly label/date hazardous waste container and/or tank. 22 CCR 66262.34(f) |
| <input type="checkbox"/> | 3030010 Accumulated waste too long (>180 or 270 days) (>90 days for an acutely hazardous waste). (40 CFR 262.34(e) and (f).) HSC 25201(a); 22 CCR 66262.34(d) |
| <input type="checkbox"/> | 3030013 Failed to accumulate hazardous waste in a container that is in good condition. (40 CFR 262.34(d)(2); 265.171.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030015 Failed to accumulate or store hazardous waste in a lined/compatible container. (40 CFR 262.34(d)(2); 265.172) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030017 Failed to properly close hazardous waste container(s). (40 CFR 262.34(d)(2); 265.173.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030019 Failed to inspect hazardous waste storage area at least weekly. (40 CFR 262.34(d)(2); 265.174.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030022 Failed to properly separate incompatible waste. (40 CFR 262.34(d)(2); 265.177.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030030 Failed to maintain and/or operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents. (40 CFR 262.34(d)(4), 265.31.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030036 Failed to maintain adequate aisle space. (40 CFR 262.34(d)(4); 265.35.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3010022 Failed to post, next to the telephone, emergency information containing the location of emergency equipment, contact names, and numbers. (40 CFR 262.34(d)(5)(ii).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3020001 Failed to ensure employees are trained for hazardous waste handling, compliance with regulations, and emergency response procedures. (40 CFR 262.34(d)(5)(iii).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030032 Failed to maintain or have emergency equipment, supplies, or equivalents. 1) An internal communication or alarm system; 2) A device, such as a telephone; 3) Portable fire extinguishers, fire control equipment, spill control equipment, and decontamination equipment; and 4) Water at adequate volume and pressure (40 CFR 262.34(d)(4); 265.32) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030039 Failed to implement contingency plan during an emergency, spill/ release. (40 CFR 262.34(d)(5)(iv).) 22 CCR 66262.34(d)(2) |

Hazardous Waste Tank Systems for SQGs ONLY

- | | |
|--------------------------|--|
| <input type="checkbox"/> | 3030024 Failed to maintain sufficient freeboard of 2 ft in uncovered tanks to prevent overtopping unless the tank is equipped with a containment structure, a drainage control system or a diversion structure with a capacity that equals or exceeds the volume of the top 2 ft of the tank. (40 CFR 62.34(d)(3); 265.201(b)(c).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030025 Failed to provide an overflow protection device on continuously fed hazardous waste tank. (40 CFR 262.34(d)(3); 265.201(b)(4).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030027 Failed to conduct daily tank inspection of the discharge system, monitoring equipment, and tank level. (40 CFR 265.201(c)(1), 265.201(c)(2), 265.201(c)(3), 262.34(d)(3).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030028 Failed to conduct weekly inspections of the construction materials, fixtures, and surrounding areas of the hazardous waste tank. (40 CFR 265.201(c)(4); 265.201(c)(5); 262.34(d)(3).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3050007 Failed to properly decontaminate and document closure of a hazardous waste tank system. (40 CFR 265.201(f).) 22 CCR 67383.3 |
| <input type="checkbox"/> | HMD 1612 Hazardous waste improperly stored in a tank system causing leaks, corrosion, or failure. (40 CFR 265.201(b).) 22 CCR 66262.34(d) |
| <input type="checkbox"/> | HMD 1614 Failed to pre-notify the CUPA in writing prior to closing a hazardous waste tank system. 22 CCR 67383.3(a)(1) |
| <input type="checkbox"/> | HMD 1615 Failed to properly accumulate ignitable or reactive waste in a tank system. (40 CFR 265.201(g).) 22 CCR 66262.34(d)(2) |



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Hazardous Materials and Hazardous Waste (continued)

Hazardous Waste Requirements for SOGs and LOGs RECORD KEEPING/OPERATIONAL REQUIREMENTS

- | | |
|---|-----------------------|
| # | VIOLATION DESCRIPTION |
|---|-----------------------|
- 3010001 Unified Program Facility (UPF) permit not obtained for the generation of hazardous waste. HSC 25404.1; SDCC 68.905
 - 3010029 The facility has not submitted complete and accurate facility information in CERS. HSC 25404(e)(4); 27 CCR 15188(b)
 - 3010002 Failed to obtain and/or maintain an active EPA ID. 22 CCR 66262.12
 - 3010008 Failed to properly complete a uniform hazardous waste manifest. 22 CCR 66262.23(a)
 - 3010009 Failed to complete the hazardous waste manifest Exception Requirement. 22 CCR 66262.42
 - 3010010 Failed to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a)
 - 3010011 Failed to send hazardous waste manifest copies to the Department of Toxic Substances Control (DTSC). 22 CCR 66262.23(a)(4)
 - 3010013 Failed to meet the consolidated manifesting requirements for waste shipment. HSC 25160.2; 22 CCR 66262.40(a)
 - 3010014 Failed to retain disposal records of spent lead batteries for 3 years. 22 CCR 66266.81(a)(4)(B)
 - 3030006 Failed to determine if a hazardous waste is restricted or prohibited from land disposal. 22 CCR 66268.7(a)
 - 3010016 Failure of recycler who recycles more than 100 kilograms per month of recyclable material under a claim that the material qualifies for exclusion or exemption to provide and submit in CERS the required information. HSC 25143.10(a), (c), and/or (d)
 - HMD 0149 Failed to keep disposal receipts for drained used oil filters and/or drained fuel filters for 3 years. HSC 25250.22; 22 CCR 66266.130
 - HMD 0148 Failed to have copies of analytical records, waste analysis records, and/or waste determination results for 3 years. 22 CCR 66262.40(c)
 - HMD 0140 Failed to have Land Disposal Restriction documentation onsite for 3 years. 22 CCR 66268.7(a)(8)
 - 3250005 Failed to obtain a Treatment, Storage and Disposal Facility (TSDF) permit or authorization to store/treat/dispose of hazardous waste. HSC 25201(a)
 - 3050005 Failed to have adequate records demonstrating claim of exemption for Excluded Recyclable Materials. HSC 25143.2(f); 22 CCR 66261.2(g)
 - 3210001 Failed to notify the CUPA in CERS for onsite hazardous waste treatment/tiered permitting. HSC 25201(a)
 - HMD 0138 Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a)

Hazardous Waste Requirements for SOGs and LOGs DISPOSAL AND TRANSPORTATION

- 3010007 Failed to prepare a hazardous waste manifest for the transport of a waste for off-site transfer, treatment, storage, or disposal. HSC 25160(b)(1) or (2), 25160.2(b)(9); 22 CCR 66262.20(a)
- 3030005 Failed to make a proper waste determination. 22 CCR 66262.11, 66262.40(c)
- 3050001 Failed to use a California registered hazardous waste transporter to transport hazardous waste. HSC 25163(a); 22 CCR 66263.41
- 3050002 Failed to properly dispose of hazardous waste at an authorized facility. HSC 25189.5(a); 25189(c),(d); 25189.2(c)
- 3130002 Impermissible dilution of hazardous waste. 22 CCR 66268.3(a)
- HMD 0305 Disposed of used oil illegally. HSC 25250.5(a); 25189.5(a); 25189(c),(d); 25189.2(c)
- HMD 0306 Disposed of hazardous waste latex paint improperly. HSC 25217.1

Hazardous Waste Requirements for SOGs and LOGs STORAGE AND HANDLING

- | | |
|---|-----------------------|
| # | VIOLATION DESCRIPTION |
|---|-----------------------|
- 3030001 Failed to meet requirements, when handling, and storing spent lead acid batteries. 22 CCR 66266.81(a)(1)
 - 3030003 Failed to properly manage 'damaged' spent lead acid batteries. 22 CCR 66266.81(b)
 - 3030004 Failed to properly manage, store, label, and/or recycle used oil filters and/or used fuel filters. HSC 25250.22; 22 CCR 66266.130
 - 3050004 Failed to properly manage contaminated used oil as a hazardous waste. HSC 25250.7(a), (c)
 - HMD 0222 Failed to properly label Excluded Recyclable Materials (ERM). HSC 25143.9(a).
 - HMD 0216 Failed to label hazardous material container within 10 days after the container was discovered to be mislabeled or inadequately labeled. HSC 25124(b)(3)(A); 22 CCR 66262.34(f)
 - HMD 0217 Failed to repack damaged/deteriorated hazardous material container within 96 hours. HSC 25124(b)(3)(B); 22 CCR 66262.34(f)
 - HMD 0219 Failed to properly segregate used oil &/or fuel drained from filters. HSC 25250.22(b)(4); 22 CCR 66266.130(c)(6)
 - HMD 0221 Failed to comply with hazardous waste satellite container regulation. 22 CCR 66262.34(e)
 - HMD 0223 Failed to properly empty container, failed to manage non-empty container, or inner liner removed from a container. 22 CCR 66261.7(b), (d) and/or (r); 66262.34(f)
 - HMD 0224 Failed to mark date on empty container larger than 5 gallons and/or manage it within one year. 22 CCR 66261.7(e),(f)

Universal Waste Handler Requirements

- 3010004 Failed to obtain an EPA ID number from DTSC or US EPA prior to storing 5,000 kg or more of universal waste. 22 CCR 66273.32(a),(b)
- 3020002 Failed to maintain universal waste handler training records for 3 years. 22 CCR 66273.36(c),(d)
- 3020003 Failed to properly train handlers of universal waste in universal waste management and response procedures. 22 CCR 66273.36(a),(b)
- 3030008 Failed to properly label or mark a universal waste (non-Conditionally Exempt Small Quantity Universal Waste Generator). 22 CCR 66273.34
- 3030011 Failed to properly dispose of universal waste within one year. 22 CCR 66273.35(a) and/or (b)
- 3030046 Failed to keep records of offsite universal waste (UW) shipment(s) available for inspection for 3 years. HSC 25185(a); 22 CCR 66273.39(c), (d)(2)
- 3030051 Failed to meet the accumulation standards for universal waste aerosol containers and waste handling. HSC 25201.16(f)
- 3040004 Failed to manage universal waste in a manner to prevent release(s) to the environment. 22 CCR 66273.33; 66273.33.5
- 3050003 Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a), 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a)



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 09/08/2016 PAGE 5 OF 5
 RECORD ID #: DEH2014-HUPFP-000856

Medical Waste Generators

Each violation checked below is for the section(s) of the California health and Safety Code (HSC), California Code of Regulation (CCR), or the San Diego County Code (SDCC) indicated in italics. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. UPF = Unified Program Facility; MW = Medical Waste; USPS = United States Postal Service; DOT = Department of Transportation

STORAGE AND LABELING

- | # | HMD | VIOLATION DESCRIPTION |
|--------------------------|------|---|
| <input type="checkbox"/> | 4201 | UPF Permit not obtained. HSC 117705; SDCC 68.905, 68.1202 |
| <input type="checkbox"/> | 4202 | Medical waste (MW) not separated from other waste at the point of origin. HSC 118275 |
| <input type="checkbox"/> | 4203 | Enclosure or designated accumulation area for MW containers not secured. HSC 118307, 118310 |
| <input type="checkbox"/> | 4204 | MW designated accumulation area not posted with an approved, legible biohazardous waste "warning sign" in English & Spanish which can be read from 25 ft. HSC 118310 |
| <input type="checkbox"/> | 4205 | Medical SOLID WASTE not secured to deny access to unauthorized persons. SDCC 68.1211 |
| <input type="checkbox"/> | 4206 | Spill of MW not properly cleaned up. HSC 118300 |
| <input type="checkbox"/> | 4207 | Sharps not stored in approved and properly marked sharps container. HSC 118285(a) & (d) |
| <input type="checkbox"/> | 4208 | Full sharps container not taped closed or tightly-lidded to preclude loss of contents. HSC 118285(b) |
| <input type="checkbox"/> | 4209 | Primary containers accumulating MW not labeled with generator's name, address, and phone number. SDCC 68.1205 |
| <input type="checkbox"/> | 4210 | Medical waste not stored in approved and properly marked biohazard bags. HSC 118275(a) |
| <input type="checkbox"/> | 4211 | Biohazard bags not tied off to prevent leakage/expulsion of contents during handling and storage. HSC 118280(a) |
| <input type="checkbox"/> | 4212 | Biohazard bags not containerized in rigid, leak resistant, and covered containers or bins when placed for storage, handling, or transport. HSC 118280(b) |
| <input type="checkbox"/> | 4213 | Waste container/bin not labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD" on the lid and sides. HSC 118280(c) |
| <input type="checkbox"/> | 4214 | Reusable containers/bins for MW storage not kept clean and sanitary. HSC 118295, 118305 |
| <input type="checkbox"/> | 4215 | Frozen (0°C/32°F) biohazardous waste stored >90 days. HSC 118280(e)(2) |
| <input type="checkbox"/> | 4306 | Full sharps container stored >30 days at >0°C. HSC 118285(c) |
| <input type="checkbox"/> | 4307 | Biohazard bag waste stored >7 days at >0°C (for generators of >20lbs/month). HSC 118280(e)(1)(A) |
| <input type="checkbox"/> | 4308 | Biohazard bag waste stored >30 days at >0°C (for generators of <20lbs/month). HSC 118280(e)(1)(B) |
| <input type="checkbox"/> | 4219 | MW interim storage area not marked with warning sign or biohazard symbol legible from 5 ft. HSC 118307, 118310 |
| <input type="checkbox"/> | 4220 | MW interim storage area not properly secured. HSC 118307 |

TREATMENT AND DISPOSAL

- | | | |
|--------------------------|------|--|
| <input type="checkbox"/> | 4251 | MW treated by unapproved method/procedure. HSC 118215 |
| <input type="checkbox"/> | 4252 | Standardized written operating procedures for steam sterilization not available. HSC 118215(a)(2)(A) |
| <input type="checkbox"/> | 4253 | Recording thermometer not calibrated annually. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> | 4254 | No records of annual thermometer calibration checks onsite for at least the past 2 years. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> | 4255 | Heat-sensitive tape/other approved method not used for each load treated onsite. HSC 118215(a)(2)(C) |
| <input type="checkbox"/> | 4256 | Monthly biological indicator or other approved method not used to confirm proper disinfection. HSC 118215(a)(2)(D) |
| <input type="checkbox"/> | 4257 | Onsite steam sterilization did not reach 121°C/250°F for 30 minutes. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> | 4258 | Treatment records/logs of dates, time, and temperature not available for 2 years. HSC 118215(a)(2)(E) |
| <input type="checkbox"/> | 4259 | Disposal of untreated MW to an unauthorized point. HSC 118340 |

TRANSPORTATION REQUIREMENTS

- | # | HMD | VIOLATION DESCRIPTION |
|--------------------------|------|---|
| <input type="checkbox"/> | 4260 | Transportation of MW without State Hauler Registration, USPS or requirements of the DOT "Materials of Trade Exceptions." HSC 118025 |
| <input type="checkbox"/> | 4311 | Medical waste tracking documents/logs not in vehicle transporting medical waste. HSC 118040 |

SMALL QUANTITY GENERATORS ONLY

(<200 pounds of medical waste generated per month)

- | | | |
|--------------------------|------|---|
| <input type="checkbox"/> | 4301 | Medical Waste Management Plan (MWMP) not submitted to HMD (initial/updates), if onsite treatment. HSC 117935 |
| <input type="checkbox"/> | 4302 | Did not maintain and show proof of "onsite" medical waste treatment records for 3 years. HSC 117943 |
| <input type="checkbox"/> | 4303 | Did not retain on file disposal receipts, tracking/shipping documents for medical waste shipped offsite for 3 years. HSC 117945 |
| <input type="checkbox"/> | 4309 | MWMP or equivalent information not onsite (only for SQG doing onsite treatment or comply with pharmaceutical waste hauling exemption). HSC 117935, 118032 |

LARGE QUANTITY GENERATORS ONLY

(≥ 200 pounds of medical waste generated per month)

- | | | |
|--------------------------|------|--|
| <input type="checkbox"/> | 4351 | MWMP not submitted to HMD (initial/updates). HSC 117960, 117970 |
| <input type="checkbox"/> | 4352 | Records of medical waste treatment not available for 2 years. HSC 117975, 118215(a)(2)(E) |
| <input type="checkbox"/> | 4353 | Did not make available disposal receipts, tracking/shipping documents for at least 2 years for medical waste shipped offsite. HSC 117975 |

CHEMOTHERAPY, PATHOLOGY, PHARMACEUTICAL HAZARDOUS & UNIVERSAL WASTES

- | | | |
|--------------------------|---------|--|
| <input type="checkbox"/> | 4401 | Trace Chemo waste not segregated from other MW. HSC 118275(a)(4) |
| <input type="checkbox"/> | 4402 | Trace Chemo waste container not labeled "Chemotherapy Waste" or "CHEMO" on the lid and the sides. HSC 118275(a)(4) |
| <input type="checkbox"/> | 4403 | Illegal disposal of chemo waste. HSC 118340 |
| <input type="checkbox"/> | 4411 | Pathology waste not segregated from other MW. HSC 118275(a)(5) |
| <input type="checkbox"/> | 4412 | Pathology waste container not labeled "Pathology Waste" or "PATH" on the lid and the sides. HSC 118275(a)(5) |
| <input type="checkbox"/> | 4413 | Illegal disposal of pathology waste. HSC 118340 |
| <input type="checkbox"/> | 4421 | Pharm waste not segregated from other MW. HSC 118275(a)(6) |
| <input type="checkbox"/> | 4422 | Pharm waste not labeled "Incineration Only or HIGH HEAT" on the lid and the sides. HSC 118275(a)(6) |
| <input type="checkbox"/> | 4423 | Pharm waste stored >90 days when container full, or stored longer than one year (maximum allowable time). HSC 118280(f) |
| <input type="checkbox"/> | 4432 | Illegal disposal of pharm waste. HSC 118340, 118222(b) |
| <input type="checkbox"/> | 4441 | Disposal of photo/hazwaste to an unauthorized point. HSC 25189.5 |
| <input type="checkbox"/> | 3030046 | Failed to keep records of offsite universal waste shipment(s) available for inspection for 3 years. HSC 25185(a)(4); 22 CCR 66273.39(c),(d)(2) |
| <input type="checkbox"/> | 3050003 | Disposed of universal waste to an unauthorized point. HSC 25189.5(a); 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a) |

LOG MW ONSITE TREATMENT FACILITY

(≥ 200 pounds of medical waste generated per month)

- | | | |
|--------------------------|------|--|
| <input type="checkbox"/> | 4501 | Onsite MW treatment permit not obtained/renewed. HSC 117950, 118130, 65620, 65623 |
| <input type="checkbox"/> | 4502 | Current copy of the MW treatment permit not available. HSC 65621(f), 65623, 118165, 118180 |
| <input type="checkbox"/> | 4503 | Condition(s) of the MW treatment permit violated. HSC 65623 |



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 08/22/2018

RECORD ID #: DEH2014-HUPFP-000856

TIME START: 11:30 AM END: 12:45 PM

SPECIALIST: Anastasiya Irkhin

INSPECTION CONTACT: Lynnae Manuel

TITLE: Assistant Manager

PHONE: (858) 454-8889

E-MAIL: lynnae.manuel@genewiz.com

FACILITY NAME: GENEWIZ
 ADDRESS: 11011 N TORREY PINES RD 140
 CITY/ZIP: LA JOLLA /92037

FACILITY REFERENCE DATA

ACCELA

RECORD STATUS: Permit Renewed
 PERMIT EXPIRATION DATE: 03/31/2019
 BALANCE DUE: \$0.00
 INSPECTOR: Anastasiya Irkhin
 INSPECTION TYPE: Routine
 INSPECTION STATUS: Complete

CERS

EPA ID NUMBER: CAL000401033
 FACILITY CERS ID NUMBER: 10500772
 CERS LEAD USER: David Helton
 LAST CERS SUBMITTAL DATE: 09/08/2016
 ENVIRONMENTAL CONTACT EMAIL: charles.justus@genewiz.com
 ENVIRONMENTAL CONTACT PHONE: 8584548889

FACILITY INFORMATION

	YES	NO		YES	NO
INACTIVATION INSPECTION:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HAZARDOUS MATERIALS:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CHANGE OF OWNER:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HAZARDOUS WASTE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CHANGE IN BUSINESS TYPE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ABOVEGROUND PETROLEUM STORAGE ACT:*	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS TYPE: <u>Biomedical/Biotech-Not Large Manufacturer</u>			TOTAL SHELL CAPACITY APSA:		<u>0</u>
ISSUE INITIAL INVOICE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	UNDERGROUND STORAGE TANK:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS NON-NOTIFICATION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CALARP PROGRAM (CERS):	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS RE-INSPECTION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CALARP PROGRAM LEVEL:	<input type="checkbox"/> 1	<input type="checkbox"/> 2
FACILITY SUBJECT TO BASE FEE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MEDICAL WASTE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
FACILITY SUBJECT TO CUPA FEE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MW FACILITY GENERATING OVER 200 LBS PER MONTH:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UPDATE FACILITY ADDRESS IN AA:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EPIC PARTICIPANT:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS CLOSE DATE:			NUMBER OF TLV GASES AT THE FACILITY:		<u>0</u>

HW GENERATOR STATUS :

TIERED PERMIT LEVEL(S) :

PRIMARY BILLING CODE: SECONDARY BILLING CODE: TERTIARY BILLING CODE:

INSPECTION SCOPE:*

HAZARDOUS MATERIALS: HAZARDOUS WASTE:

MEDICAL WASTE: CALARP:

TIERED PERMITTING:

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT NAME: Lynnae Manuel TITLE: Assistant Manager

REMOVE BLANK CHECKLISTS FROM FINAL INSPECTION REPORT REFUSED TO SIGN

TIME ACCOUNTING (Routine) TOTAL TIME ENTERED: 1.4

Date	Time	Group	Type
08/22/2018	0.2	HMD Inspection	Report Writing - Record
08/22/2018	0.1	HMD Inspection	Travel Time - Record
08/22/2018	0.6	HMD Inspection	HM/HW - Record
08/22/2018	0.5	HMD Inspection	MW SQG - Record



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

FACILITY NAME: GENEWIZ
 ADDRESS: 11011 N TORREY PINES RD 140
 CITY/ZIP: LA JOLLA /92037

INSPECTION DATE: 08/22/2018
 RECORD ID #: DEH2014-HUPFP-000856
 TIME START: 11:30 AM END: 12:45 PM
 SPECIALIST: Anastasiya Irkhin
 INSPECTION CONTACT: Lynnae Manuel
 TITLE: Assistant Manager
 PHONE: (858) 454-8889
 E-MAIL: lynnae.manuel@genewiz.com

INSPECTION REPORT EMAILS:

Anastasiya.Irkhin@sdcounty.ca.gov

RECORD COMMENT:



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: GENEWIZ
 ADDRESS: 11011 N TORREY PINES RD 140
 CITY/ZIP: LA JOLLA /92037

INSPECTION DATE: 08/22/2018 PAGE 1 OF 7
 RECORD ID #: DEH2014-HUPFP-000856
 TIME START: 11:30 AM END: 12:45 PM
 SPECIALIST: Anastasiya Irkhin
 INSPECTION CONTACT: Lynnae Manuel
 TITLE: Assistant Manager
 PHONE: (858) 454-8889
 E-MAIL: lynnae.manuel@genewiz.com

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit Current	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contingency Plan Available <input type="checkbox"/> LQG <input checked="" type="checkbox"/> SQG
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hazardous Materials Business Plan Available	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Employee Training Records Available
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training is Adequate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Universal Waste Managed Properly
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Disposal Records Available for Review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers <input checked="" type="checkbox"/> Closed <input checked="" type="checkbox"/> Labeled
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Emergency Contacts Current <input type="checkbox"/> Updated today	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers in Good Condition
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Inventory/Map Current <input type="checkbox"/> Updated today			Permit Expires On <u>03/31/2019</u>

CONSENT TO CONDUCT INSPECTION GRANTED BY: Lynnae Manuel

TITLE: Assistant Manager

INTRODUCTION:

Today a routine Certified Unified Program Agency (CUPA) inspection was completed at Genewiz to verify compliance with hazardous waste and medical waste regulations and requirements. At the time of inspection this facility is a conditionally exempt small quantity hazardous waste generator and a small quantity medical waste generator.

Consent to complete inspection was granted by David Helton, Manager of Business Operations. Inspection walk-through and documentation review was completed with Lynnae Manuel, Assistant Manager.

Observed on-site during inspection:

- 2 x 40 gallon medical waste containers (red bag waste)
- 1 x 55 gallon drum of hazardous waste solid, flammable paper products

Containers were observed properly labeled and closed.

Manifests on-site and reviewed.

Medical waste disposal documents on-site and reviewed, pick-ups are weekly per documents.

Medical waste management plan on-site, per MWMP this facility generates approx. 80 pounds a month of red bag waste.

Per Lynnae Manuel this facility only generates red-bag waste, any sharps waste generated on-site is not medical waste.

Per Lynnae Manuel this facility has an online employee training that covers hazardous waste and bio-safety, as well as emergency response training.

Per Lynnae Manuel this facility manages all medical solid waste as red-bag waste within the laboratory areas.

California Environmental Reporting System (CERS) submittal has been made by facility representative.

CERS ID: 10500772

INSPECTION REMARKS:

Helpful Websites:

- For guidance documents on hazardous materials-related topics, go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS), go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 08/22/2018 PAGE 2 OF 7
 RECORD ID #: DEH2014-HUPFP-000856

- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations, go to: <http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails: <https://public.govdelivery.com/accounts/CASAND/subscriber/new>

If you have any questions regarding this inspection, please contact Anastasiya Irkhin, 858-518-7388, Anastasiya.Irkhin@sdcounty.ca.gov

INSPECTION PHOTOS

None

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE Lynnae Manuel	SIGNATURE 	DATE SIGNED 08/22/2018
TITLE OF FACILITY REPRESENTATIVE Assistant Manager		

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
 Phone: (858) 505-6880 <http://www.sdcdeh.org>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT Handlers of Hazardous Materials and Small and Large Quantity Generators of Hazardous Waste

INSPECTION DATE: 08/22/2018 PAGE 3 OF 7
RECORD ID #: DEH2014-HUPFP-000856

FACILITY NAME: * **GENEWIZ**

ADDRESS: * **11011 N TORREY PINES RD 140**

CITY/ZIP: * **LA JOLLA**

92037

Each violation checked below is for the section(s) of the California Health and Safety Code (HSC), California Code of Regulations (CCR), or the San Diego County Code (SDCC) indicated in italics. Incorporated provisions of Title 40 of the Code of Federal regulations (CFR) are noted for reference. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. HMBP = Hazardous Materials Business Plan; CUPA = Certified Unified Program Agency; CERS = California Environmental Reporting System; SQG = Small Quantity Hazardous Waste Generator; LQG = Large Quantity Hazardous Waste Generator

HAZARDOUS MATERIALS REQUIREMENTS

#	VIOLATION DESCRIPTION
<input type="checkbox"/> 1010001	Failed to establish and implement a HMBP. HSC 25505(a) and 25507(a)
<input type="checkbox"/> 1010002	HMBP not submitted to the CUPA in CERS. HSC 25508(a)(1)(A); 27 CCR 15188(a),(b),(d)
<input type="checkbox"/> 1010003	Business Activities &/or Business Owner/Operator page not completed in CERS. 19 CCR 2652(a)(1); SDCC 68.904(b); HSC 25508(a)(1)(A)
<input type="checkbox"/> 1010004	Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508.1(a-b); 19 CCR 2654 (a) or (d)
<input type="checkbox"/> 1010005	Site map not submitted in CERS or not sufficient. HSC 25505(a)(2); 25508.1(f); 19 CCR 2652(a)(3)
<input type="checkbox"/> 1010006	Failed to update HMBP in CERS within 30 days of a substantial change to any portion of the HMBP, including inventory changes or facility information. HSC 25508.1(a-f); 19 CCR 2654(d); SDCC 68.904(c)(6)
<input type="checkbox"/> 1010008	HMBP not certified annually as complete and accurate in CERS. HSC 25508(a)(1)(A), 25508.2, 19 CCR 2654(b)
<input type="checkbox"/> 1010010	Emergency response plan and procedures to mitigate a release or threatened release not adequate, not established or not submitted in CERS. HSC 25505(a)(3), 25508(a)(1)(A); 19 CCR 2658
<input type="checkbox"/> 1010011	Failure to notify property owner in writing that the business is subject to the HMBP program. HSC 25505.1
<input type="checkbox"/> 1010012	Failure to provide a copy of HMBP to the property owner within five working days upon request from property owner. HSC 25505.1
<input type="checkbox"/> 1010014	Failure to submit emergency response plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A); 19 CCR 2670, 2671
<input type="checkbox"/> 1010015	Failure to submit employee training plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A)
<input type="checkbox"/> 1010016	HMBP not established or submitted in CERS, when not meeting the remote site exemption. HSC 25507.2 and 25508(a)(1)(A)
<input type="checkbox"/> 1020001	Employee training and/or plan for safety procedures in the event of a release or threatened release of a hazardous material not adequate, not established or not submitted in CERS. HSC 25505(a)(4) and 25508(a)(1)(A); 19 CCR 2659(a)
<input type="checkbox"/> 1020002	Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)
<input type="checkbox"/> 1040001	Hazardous materials release or threatened release not immediately reported to the CUPA and OES upon discovery. HSC 25510(a); 19 CCR 2631(a)
<input type="checkbox"/> HMD1001	Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905; 68.906, 68.907
<input type="checkbox"/> HMD1005	Emergency contact not provided or current in CERS. HSC 25508.1(f); SDCC 68.904(b)
<input type="checkbox"/> HMD1007	Highly toxic gas (TLV<10 ppm) not disclosed in CERS. SDCC 68.1113(a)
<input type="checkbox"/> HMD1008	Annual carcinogen/reproductive toxin list not submitted in CERS. SDCC 68.1113(b)
<input type="checkbox"/> 1010017	HMBP not readily available to facility personnel or the CUPA. HSC 25505(c)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS ONLY

#	VIOLATION DESCRIPTION
<input type="checkbox"/> HMD0226	Did not accumulate waste in a container or tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2)
<input type="checkbox"/> 3030007	Failed to properly label/date hazardous waste container &/or tank. 22 CCR 66262.34(f)
<input type="checkbox"/> 3030010	Accumulated waste too long (>180 or 270 days) or (>90 days). HSC 25201(a), 25123.3(h)(1); 22 CCR 66262.34(d); 40 CFR 262.34(e) and/or (f)
<input type="checkbox"/> 3030013	Failed to accumulate hazardous waste in a container that is in good condition. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.171
<input type="checkbox"/> 3030015	Failed to accumulate or store hazardous waste in a lined &/or compatible container. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.172
<input type="checkbox"/> 3030017	Failed to properly close hazardous waste container(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.173
<input type="checkbox"/> 3030019	Failed to inspect hazardous waste storage area at least weekly. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.174
<input type="checkbox"/> 3030022	Failed to properly separate incompatible waste. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.177
<input type="checkbox"/> 3030030	Failed to maintain &/or operate facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.31
<input type="checkbox"/> 3030036	Failed to maintain adequate aisle space. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.35
<input type="checkbox"/> 3010022	Failed to post, next to the telephone, emergency information containing the location of emergency equipment, contact names and phone numbers. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(i)
<input type="checkbox"/> 3020001	Failure to ensure employees are thoroughly familiar with proper waste handling and emergency procedures during normal facility operations and emergencies. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iii)
<input type="checkbox"/> 3030032	Failed to maintain the following emergency response equipment or equivalent: 1) An internal communication or alarm system; 2) A communication device, such as a telephone; 3) Portable fire extinguishers, fire/spill control equipment and decontamination equipment; and 4) Water at adequate volume and pressure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.32
<input type="checkbox"/> 3030039	Failed to have an emergency coordinator on the premises or on call, and available during an emergency. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(i)
<input type="checkbox"/> HMD0412	Failed to implement and/or coordinate emergency response measures during an emergency, spill/release. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iv)

HAZARDOUS WASTE TANK SYSTEMS FOR SQGS ONLY

#	VIOLATION DESCRIPTION
<input type="checkbox"/> 3030024	Failed to operate uncovered tank to ensure at least 2 ft. of freeboard to prevent overtopping, unless the tank is equipped with a containment structure, a drainage control system, or a diversion structure with a capacity that equals or exceeds the volume of the top 2 ft. of the tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(c)



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Hazardous Materials and Hazardous Waste (continued)

- 3030025 Failed to provide an overfill protection device on continuously fed hazardous waste tank(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(4)
- 3030027 Failed to conduct daily tank inspection of discharge control system, monitoring equipment and waste level. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(1-3), 262.34(d)(3)
- 3030028 Failed to conduct weekly hazardous waste tank inspection(s) to detect signs of leakage and ensure that the construction materials, fixtures and surrounding areas of the tank are in good condition. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(4 & 5), 262.34(d)(3)
- 3050007 Failed to properly remove all waste upon closure, decontaminate, and document the closure of a hazardous waste tank system. 22 CCR 67383.3; 40 CFR 262.34(d)(3), 265.201(f)
- HMD1612 Hazardous waste improperly stored in a tank system causing leaks, corrosion, or failure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)
- HMD1614 Failed to pre-notify the CUPA in writing prior to closing a hazardous waste tank system. 22 CCR 67383.3(a)(1)
- HMD1615 Failed to properly accumulate ignitable or reactive waste in a tank system. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(g)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS AND LQGS

RECORD KEEPING/OPERATIONAL REQUIREMENTS

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> HMD0131 | Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. SDCC 68.905 |
| <input type="checkbox"/> HMD0150 | Failed to submit complete and accurate Facility Information in CERS. 27 CCR 15188(b-c); SDCC 68.904(b) |
| <input type="checkbox"/> 3030053 | Failed to maintain waste analysis records, analytical records &/or waste determination results for at least 3 years. 22 CCR 66262.40(c) |
| <input type="checkbox"/> 3010002 | Failed to obtain &/or maintain an active EPA ID Number. 22 CCR 66262.12(a) |
| <input type="checkbox"/> 3010008 | Failed to properly complete a uniform hazardous waste manifest. 22 CCR 66262.23(a) |
| <input type="checkbox"/> 3010009 | Failed to submit an Exception Report to DTSC for hazardous waste manifest. HSC 25123.3(h)(2); 22 CCR 66262.42(b), (c), &/or (d) |
| <input type="checkbox"/> 3010010 | Failed to maintain copies of Uniform Hazardous Waste Manifest, consolidated manifest, or Bills of Lading for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a), 66262.23(a)(3) |
| <input type="checkbox"/> 3010011 | Failed to send copy of the uniform hazardous waste manifest to DTSC within 30 days of shipment. 22 CCR 66262.23(a)(4) |
| <input type="checkbox"/> 3010013 | Failed to meet the consolidated manifesting requirements for waste shipment. HSC 25160.2(b)(3) &/or (c) |
| <input type="checkbox"/> 3010014 | Failed to retain at the generator's place of business disposal records of spent lead-acid batteries for at least 3 years. 22 CCR 66266.81(a)(4)(A) &/or (B) |
| <input type="checkbox"/> 3030006 | Failed to determine if a hazardous waste is restricted or prohibited from land disposal and has to be treated. 22 CCR 66268.7(a)(1) |
| <input type="checkbox"/> 3010016 | Failure of recycler who recycles more than 100 kilograms per month of a recyclable material to submit the biennial Recyclable Materials Report (RMR) in CERS when claiming exclusion or exemption. HSC 25143.10(a), (c) &/or (d) |
| <input type="checkbox"/> HMD0149 | Failed to keep disposal receipts for drained used oil filters and/or drained fuel filters for 3 years. HSC 25250.22; 22 CCR 66266.130(c)(5) |
| <input type="checkbox"/> HMD0152 | Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2) |
| <input type="checkbox"/> HMD0140 | Failed to have Land Disposal Restriction documentation onsite for 3 years. 22 CCR 66268.7(a)(8) |
| <input type="checkbox"/> 3250005 | Failed to obtain a Treatment, Storage and Disposal Facility (TSDF) permit or authorization to store/treat/dispose of hazardous waste. HSC 25201(a) |
| <input type="checkbox"/> 3050005 | Failed to have adequate records demonstrating claim of exemption or exclusion for recyclable materials. HSC 25143.2(f) |
| <input type="checkbox"/> HMD0142 | Failed to notify the CUPA in CERS for onsite hazardous waste treatment/tiered permitting. HSC 25201(a) |
| <input type="checkbox"/> HMD0138 | Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a); HSC 25185(a)(4) |

DISPOSAL AND TRANSPORTATION

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> 3010007 | Failed to prepare a hazardous waste manifest for the transport of a waste for off-site transfer, treatment, storage, or disposal. HSC 25160(b)(1) or (2), 25160.2(b)(9); 22 CCR 66262.20(a) |
| <input type="checkbox"/> 3030005 | Failed to make a proper waste determination. 22 CCR 66262.11, 66262.40(c) |
| <input type="checkbox"/> 3050001 | Failed to use a DTSC registered hazardous waste transporter to transport hazardous waste. HSC 25163(a) |
| <input type="checkbox"/> 3050002 | Failed to properly dispose of hazardous waste at an authorized facility. HSC 25189.5(a) |
| <input type="checkbox"/> HMD0308 | Impermissible dilution of hazardous waste. 22 CCR 66268.3(a) |
| <input type="checkbox"/> HMD0305 | Disposed of used oil illegally. HSC 25250.5(a), 25189.5(a) |
| <input type="checkbox"/> HMD0306 | Failed to properly dispose of oil-based paint &/or hazardous waste latex paint liquid. HSC 25217.1, 25189.5(a) |

STORAGE AND HANDLING

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> 3030001 | Failed to meet the management requirements when handling or storing spent lead-acid batteries. 22 CCR 66266.81(a) |
| <input type="checkbox"/> 3030003 | Failed to properly manage 'damaged' spent lead acid batteries so as to minimize the release of acid and lead and to protect the handlers and the environment 22 CCR 66266.81(b) |
| <input type="checkbox"/> 3030004 | Failed to properly manage, store, label &/or recycle used oil filters &/or used fuel filters. HSC 25250.22; 22 CCR 66266.130 |
| <input type="checkbox"/> 3050004 | Generator intentionally contaminated used oil with another hazardous waste other than minimal amounts of fuel. HSC 25250.7(a), (c) |
| <input type="checkbox"/> HMD0222 | Failed to properly label Excluded Recyclable Materials (ERM) accumulated in a container or tank. HSC 25143.9(a) |
| <input type="checkbox"/> HMD0216 | Failed to label hazardous material container within 10 days after the container was discovered to be mislabeled or inadequately labeled. HSC 25124(b)(3)(A); 22 CCR 66262.34(f) |
| <input type="checkbox"/> HMD0217 | Failed to repackage and properly label damaged/deteriorated hazardous material container within 96 hours. HSC 25124(b)(3)(B); 22 CCR 66262.34(f) |
| <input type="checkbox"/> HMD0219 | Failed to properly segregate used oil &/or fuel drained from filters. HSC 25250.22(b)(4); 22 CCR 66266.130(c)(6) |
| <input type="checkbox"/> 3030057 | Failed to comply with hazardous waste satellite container regulation. 22 CCR 66262.34(e) |
| <input type="checkbox"/> HMD0023 | Failed to properly empty container, failed to manage non-empty container, or inner liner removed from a container. 22 CCR 66261.7(b), (d), (e) &/or (r) |
| <input type="checkbox"/> 3030058 | Failed to mark date on empty container larger than 5 gallons &/or manage it within one year. 22 CCR 66261.7(f) |
| <input type="checkbox"/> 3030059 | Failure of the owner or operator managing laboratory hazardous waste in a laboratory accumulation area to comply with the quantity limitations, management, training, or documentation requirements. HSC 25200.3.1(b) |



COUNTY OF SAN DIEGO COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 08/22/2018 PAGE 5 OF 7
RECORD ID #: DEH2014-HUPFP-000856

Hazardous Materials and Hazardous Waste (continued)

UNIVERSAL WASTE HANDLER REQUIREMENTS

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> 3010004	Failed to obtain a California ID Number from DTSC or federal ID Number from USEPA prior to accumulating 5,000 kgs or more of Universal Waste. 22 CCR 66273.32(a-b)
<input type="checkbox"/> HMD0151	Failed to maintain universal waste handler training records for 3 years. 22 CCR 66273.36(c),(d)
<input type="checkbox"/> 3020003	Failed to properly train handlers of universal waste in universal waste management and response procedures. 22 CCR 66273.36(a),(b)
<input type="checkbox"/> 3030008	Failed to properly label or mark Universal Waste container, package, or pallet (excluding CESQUWG) 22 CCR 66273.34
<input type="checkbox"/> 3030011	Failed to properly dispose of Universal Waste within one year. 22 CCR 66273.35(a) &/or (b)
<input type="checkbox"/> HMD0147	Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2)
<input type="checkbox"/> 3030051	Failed to meet accumulation, labeling, marking, &/or containment standards for Universal Waste aerosol containers. HSC 25201.16(f)
<input type="checkbox"/> 3040004	Failed to manage universal waste in a manner to prevent release(s) to the environment. 22 CCR 66273.33; 66273.33.5
<input type="checkbox"/> HMD0307	Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a); 22 CCR 66273.31(a), 66273.8(b)
<input type="checkbox"/> 3010005	Failure of a universal handler of electronic devices or CRTs from an offsite source to notify DTSC 30 days prior to acceptance. 22 CCR 66273.32(c)
<input type="checkbox"/> 3030055	Failure of certified appliance recycler (CAR) to properly remove and dispose of all materials that require special handling (MRSH). HSC 25211.3, 25212, 25212(c)

HM-923 (06-17)



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 08/22/2018 PAGE 6 OF 7
 RECORD ID #: DEH2014-HUPFP-000856

Medical Waste Generators

Each violation checked below is for the section(s) of the California health and Safety Code (HSC), California Code of Regulation (CCR), or the San Diego County Code (SDCC) indicated in italics. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. UPF = Unified Program Facility; MW = Medical Waste; USPS = United States Postal Service; DOT = Department of Transportation

MEDICAL WASTE GENERATORS

STORAGE AND LABELING

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> HMD4201	UPF Permit not obtained. HSC 117705; SDCC 68.905, 68.906, 68.1202
<input type="checkbox"/> HMD4216	Failed to submit or report in CERS chemical inventory information for hazardous waste and/or medical waste, and keep up to date. SDCC 68.904(a)(2)
<input type="checkbox"/> HMD4202	Medical waste (MW) not separated from other waste at the point of origin. HSC 118275
<input type="checkbox"/> HMD4203	Enclosure or designated accumulation area for MW containers not secured. HSC 118307, 118310
<input type="checkbox"/> HMD4204	MW designated accumulation area not posted with an approved, legible biohazardous waste "warning sign" in English & Spanish or in another language, in addition to English which can be read from a distance of at least 25 feet. HSC 118310
<input type="checkbox"/> HMD4205	Medical SOLID WASTE not secured to deny access to unauthorized persons. SDCC 68.1211
<input type="checkbox"/> HMD4206	Leak or spill of MW not properly decontaminated. HSC 118300
<input type="checkbox"/> HMD4207	Sharps not stored in approved container or labeled with the words "sharps waste" or with the international biohazard symbol and the word "BIOHAZARD". HSC 118285(a) & (d)
<input type="checkbox"/> HMD4208	Full sharps container not taped closed or tightly-lidded to preclude loss of contents. HSC 118285(b)
<input type="checkbox"/> HMD4209	Primary containers accumulating MW not labeled with an electronic tracking system label or a label with generator's name, address and phone number. SDCC 68.1205
<input type="checkbox"/> HMD4210	Medical waste not stored in approved and properly marked biohazard bags. HSC 118275(a)
<input type="checkbox"/> HMD4211	Biohazard bags not tied off to prevent leakage or expulsion of contents during storage and handling. HSC 118280(a)
<input type="checkbox"/> HMD4212	Biohazardous bags not containerized in rigid, leak resistant, and covered containers or bins when placed for storage, handling, or transport. HSC 118280(c)
<input type="checkbox"/> HMD4213	Waste container or bin not labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD" on the lid and sides. HSC 118280(c)
<input type="checkbox"/> HMD4214	Reusable containers or bins for MW storage not thoroughly washed and decontaminated and maintained in a clean and sanitary manner. HSC 118295, 118305
<input type="checkbox"/> HMD4215	Frozen (0°C/32°F) biohazardous waste stored for not more than 90 days. HSC 118280(e)(2)
<input type="checkbox"/> HMD4306	Full sharps container stored not more than 30 days at >0°C. HSC 118285(c)
<input type="checkbox"/> HMD4307	Biohazard bag waste stored not more than 7 days at >0°C (for generators of 20 or more pounds a month). HSC 118280(e)(1)(A)
<input type="checkbox"/> HMD4308	Biohazard bag waste stored >30 days at >0°C (for generators of <20lbs/month). HSC 118280(e)(1)(B)
<input type="checkbox"/> HMD4219	MW interim storage area not marked with warning signs or international biohazard symbol legible from a distance of 5 feet. HSC 118307, 118310
<input type="checkbox"/> HMD4220	MW interim storage area not properly secured. HSC 118307

TREATMENT AND DISPOSAL

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> HMD4251	MW treated by unapproved method/procedure. HSC 118215
<input type="checkbox"/> HMD4252	Standard written operating procedures for steam sterilization not established. HSC 118215(a)(2)(A)
<input type="checkbox"/> HMD4253	Recording thermometer not calibrated annually. HSC 118215(a)(2)(B)
<input type="checkbox"/> HMD4254	No records of annual thermometer calibration checks onsite for at least the past 2 years. HSC 118215(a)(2)(B)
<input type="checkbox"/> HMD4255	Heat-sensitive tape or other approved method not used for each load treated onsite. HSC 118215(a)(2)(C)
<input type="checkbox"/> HMD4256	Monthly biological indicator or other approved indicator not used to confirm proper sterilization. HSC 118215(a)(2)(D)
<input type="checkbox"/> HMD4257	Onsite steam sterilization did not reach 121° C (250° F) for at least 30 minutes. HSC 118215(a)(2)(B)
<input type="checkbox"/> HMD4258	Treatment records or logs of dates, time, and temperature not maintained for at least 2 years. HSC 118215(a)(2)(E)
<input type="checkbox"/> HMD4259	Disposal of untreated MW to an unauthorized point. HSC 118340

TRANSPORTATION REQUIREMENTS

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> HMD4260	Transportation of MW without State Hauler Registration, USPS or requirements of the DOT "Materials of Trade Exceptions." HSC 118025
<input type="checkbox"/> HMD4311	Medical waste tracking documents or logs not in vehicle transporting medical waste. HSC 118040(a)
<input type="checkbox"/> HMD4313	Medical waste tracking documents or logs not complete. HSC 118040(b)

SMALL QUANTITY GENERATORS ONLY

(<200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> HMD4301	Medical Waste Management Plan (MWMP) not submitted to HMD (initial/updates), if onsite treatment. HSC 117935
<input type="checkbox"/> HMD4302	Did not maintain and show proof of "onsite" medical waste treatment records for 3 years. HSC 117943
<input type="checkbox"/> HMD4303	Did not maintain on file disposal receipts, tracking or shipping documents for medical waste shipped offsite for at least 3 years. HSC 117945
<input type="checkbox"/> HMD4309	MWMP or equivalent information not onsite (only for SQG doing onsite treatment or comply with pharmaceutical waste hauling exemption). HSC 117935, 118032
<input type="checkbox"/> HMD4310	Did not meet the requirements of the pharmaceutical waste hauling exemption. HSC 118032

LARGE QUANTITY GENERATORS ONLY



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 08/22/2018 PAGE 7 OF 7
 RECORD ID #: DEH2014-HUPFP-000856

Medical Waste Generators (continued)

(>= 200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> HMD4351 | MWMP not submitted to HMD (initial/updates) or incomplete. HSC 117960, 117970 |
| <input type="checkbox"/> HMD4352 | Records of medical waste treatment not available for 2 years. HSC 117975, 118215(a)(2)(E) |
| <input type="checkbox"/> HMD4353 | Did not make available disposal receipts, tracking or shipping documents for at least 2 years for medical waste shipped offsite. HSC 117975 |

LOG MW ONSITE TREATMENT FACILITY

(>= 200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> HMD4501 | Onsite MW treatment permit not obtained or renewed. HSC 117950, 118130; CCR 65620, 65623 |
| <input type="checkbox"/> HMD4502 | Current copy of the MW treatment permit not available. HSC 118165, 118180; CCR 65621(f), 65623 |
| <input type="checkbox"/> HMD4503 | Condition(s) of the MW treatment permit violated. CCR 65623 |
| <input type="checkbox"/> HMD4504 | Operators who treat medical waste not trained in proper equipment use, proper protective equipment to wear and if necessary, proper cleanup of spills. HSC 117967(a) |
| <input type="checkbox"/> HMD4505 | Initial and/or annual training for operators that treat medical waste not provided. HSC 117967(b) |
| <input type="checkbox"/> HMD4506 | Initial and/or annual training documentation for operators that treat medical waste not available for two years. HSC 117967(c) |

CHEMOTHERAPY, PATHOLOGY, PHARMACEUTICAL HAZARDOUS & UNIVERSAL WASTES

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> HMD4401 | Trace chemotherapy waste not segregated from other MW. HSC 118275(a)(4) |
| <input type="checkbox"/> HMD4402 | Trace chemotherapy waste container not labeled "Chemotherapy Waste" or "CHEMO" on the lid and the sides. HSC 118275(a)(4) |
| <input type="checkbox"/> HMD4403 | Illegal disposal of chemotherapy waste. HSC 118340 |
| <input type="checkbox"/> HMD4411 | Pathology waste not segregated from other MW. HSC 118275(a)(5) |
| <input type="checkbox"/> HMD4412 | Pathology waste container not labeled "Pathology Waste" or "PATH" on the lid and the sides. HSC 118275(a)(5) |
| <input type="checkbox"/> HMD4413 | Illegal disposal of pathology waste. HSC 118340 |
| <input type="checkbox"/> HMD4421 | Pharmaceutical waste not segregated from other MW. HSC 118275(a)(6) |
| <input type="checkbox"/> HMD4422 | Pharmaceutical waste not labeled "HIGH HEAT" or "INCINERATION ONLY" on the lid and the sides. HSC 118275(a)(6) |
| <input type="checkbox"/> HMD4423 | Pharmaceutical waste stored more than 90 days when container is full, or stored longer than one year (maximum allowable time). HSC 118280(f) |
| <input type="checkbox"/> HMD4432 | Illegal disposal of pharmaceutical waste. HSC 118340, 118222(b) |
| <input type="checkbox"/> HMD4441 | Disposal of photo/hazwaste to an unauthorized point. HSC 25189.5 |
| <input type="checkbox"/> HMD0147 | Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2) |
| <input type="checkbox"/> HMD0307 | Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a), 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a), 66273.8(b) |

HM-9255 MW (06-17)



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 01/15/2019

RECORD ID #: DEH2014-HUPFP-000856

TIME START: 2:20 PM END: 2:45 PM

SPECIALIST: Anastasiya Irkhin

INSPECTION CONTACT: Chip Justus

TITLE: Associate Director

PHONE: (858) 291-9466

E-MAIL: chip.justus@genewiz.com

FACILITY NAME: GENEWIZ
 ADDRESS: 11011 N TORREY PINES RD 140
 CITY/ZIP: LA JOLLA /92037

FACILITY REFERENCE DATA

ACCELA

RECORD STATUS: Permit Renewed
 PERMIT EXPIRATION DATE: 03/31/2019
 BALANCE DUE: \$0.00
 INSPECTOR: Anastasiya Irkhin
 INSPECTION TYPE: Closure
 INSPECTION STATUS: Complete

CERS

EPA ID NUMBER: CAL000401033
 FACILITY CERS ID NUMBER: 10500772
 CERS LEAD USER: David Helton
 LAST CERS SUBMITTAL DATE: 09/08/2016
 ENVIRONMENTAL CONTACT EMAIL: charles.justus@genewiz.com
 ENVIRONMENTAL CONTACT PHONE: 8584548889

FACILITY INFORMATION

	YES	NO
INACTIVATION INSPECTION:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CHANGE OF OWNER:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CHANGE IN BUSINESS TYPE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS TYPE:	<u>Biomedical/Biotech-Not Large Manufacturer</u>	
ISSUE INITIAL INVOICE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS NON-NOTIFICATION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS RE-INSPECTION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FACILITY SUBJECT TO BASE FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FACILITY SUBJECT TO CUPA FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UPDATE FACILITY ADDRESS IN AA:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS CLOSE DATE:*	<u>10/25/2018</u>	

	YES	NO		
HAZARDOUS MATERIALS:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
HAZARDOUS WASTE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
ABOVEGROUND PETROLEUM STORAGE ACT:*	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
TOTAL SHELL CAPACITY APSA:	<u>0</u>			
UNDERGROUND STORAGE TANK:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
CALARP PROGRAM (CERS):	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
CALARP PROGRAM LEVEL:	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input checked="" type="checkbox"/> N/A
MEDICAL WASTE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
MW FACILITY GENERATING OVER 200 LBS PER MONTH:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
EPIC PARTICIPANT:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
NUMBER OF TLV GASES AT THE FACILITY:	<u>0</u>			

HW GENERATOR STATUS : LOG SQG CESQG RCRA LOG N/A

TIERED PERMIT LEVEL(S) : CESQT CESW CE-L CE-CL HHW PBR CA N/A

PRIMARY BILLING CODE: Not Applicable SECONDARY BILLING CODE: Not Applicable TERTIARY BILLING CODE: Not Applicable

INSPECTION SCOPE:

HAZARDOUS MATERIALS: GEN HAZMAT APSA UST HAZARDOUS WASTE: SQG LOG

MEDICAL WASTE: SQG SQG - TREATS LOG LOG - ABBREVIATED LOG - TREATS CALARP: 1 2 3

TIERED PERMITTING: CESQT CESW CE-L CE-CL CA PBR HHW

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT NAME: Chip Justus TITLE: Associate Director

REMOVE BLANK CHECKLISTS FROM FINAL INSPECTION REPORT REFUSED TO SIGN

TIME ACCOUNTING (Closure) TOTAL TIME ENTERED: 0.9

Date	Time	Group	Type
01/15/2019	0.4	HMD Inspection	Report Writing - Record
01/15/2019	0.5	HMD Inspection	Travel Time - Record

INSPECTION REPORT EMAILS:

anastasiya.irkhin@sdcounty.ca.gov,mario@occserv.com



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

FACILITY NAME: GENEWIZ
 ADDRESS: 11011 N TORREY PINES RD 140
 CITY/ZIP: LA JOLLA /92037

INSPECTION DATE: 01/15/2019
 RECORD ID #: DEH2014-HUPFP-000856
 TIME START: 2:20 PM END: 2:45 PM
 SPECIALIST: Anastasiya Irkhin
 INSPECTION CONTACT: Chip Justus
 TITLE: Associate Director
 PHONE: (858) 291-9466
 E-MAIL: chip.justus@genewiz.com

RECORD COMMENT:

Today a closure inspection was completed at Genewiz - 11011 N Torrey Pines Rd #140. Consent granted by: Chip Justus, Associate Director. Also present during inspection: Mario Esparza, EHS Technician with OSI. Facility walk-through completed of laboratory areas, no hazardous substances or medical waste could be observed. Final hazardous waste manifest on-site and reviewed. Per Chip Justus closure date for this facility is 10/25/2018. Facility has re-located to 11099 N Torrey Pines Rd #270 and applied for a permit at this new location. OK TO SUSPEND PERMIT AT THIS TIME FOR GENEWIZ AT THIS LOCATION



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: GENEWIZ
 ADDRESS: 11011 N TORREY PINES RD 140
 CITY/ZIP: LA JOLLA /92037

INSPECTION DATE: 01/15/2019 PAGE 1 OF 2
 RECORD ID #: DEH2014-HUPFP-000856
 TIME START: 2:20 PM END: 2:45 PM
 SPECIALIST: Anastasiya Irkhin
 INSPECTION CONTACT: Chip Justus
 TITLE: Associate Director
 PHONE: (858) 291-9466
 E-MAIL: chip.justus@genewiz.com

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit Current	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contingency Plan Available <input type="checkbox"/> LQG <input type="checkbox"/> SQG
<input type="checkbox"/>	<input type="checkbox"/>	Hazardous Materials Business Plan Available	<input type="checkbox"/>	<input type="checkbox"/>	Employee Training Records Available
<input type="checkbox"/>	<input type="checkbox"/>	Employee Training is Adequate	<input type="checkbox"/>	<input type="checkbox"/>	Universal Waste Managed Properly
<input type="checkbox"/>	<input type="checkbox"/>	Waste Disposal Records Available for Review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers <input type="checkbox"/> Closed <input type="checkbox"/> Labeled
<input type="checkbox"/>	<input type="checkbox"/>	Emergency Contacts Current <input type="checkbox"/> Updated today	<input type="checkbox"/>	<input type="checkbox"/>	Waste Containers in Good Condition
<input type="checkbox"/>	<input type="checkbox"/>	Chemical Inventory/Map Current <input type="checkbox"/> Updated today			Permit Expires On <u>03/31/2019</u>

CONSENT TO CONDUCT INSPECTION GRANTED BY: Chip Justus

TITLE: Associate Director

INTRODUCTION:

CLOSURE INSPECTION

Today a Certified Unified Program Agency (CUPA) closure inspection was completed at Genewiz - 11011 N Torrey Pines Rd #140.

Consent granted by: Chip Justus, Associate Director. Also present during inspection: Mario Esparza, EHS Technician with OSI.

Facility walk-through completed of laboratory areas, no hazardous substances or medical wastes could be observed.

Final hazardous waste manifest on-site and reviewed.

Facility notified in the California Environmental Reporting System of closure: CERS ID 10500772

Per Chip Justus closure date for this facility is 10/25/2018.

Facility has re-located to 11099 N Torrey Pines Rd #270 and applied for a CUPA permit at this new location.

OK TO SUSPEND PERMIT AT THIS TIME FOR GENEWIZ AT THIS LOCATION.

INSPECTION REMARKS:

Helpful Websites:

- For guidance documents on hazardous materials-related topics, go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS), go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations, go to: <http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails: <https://public.govdelivery.com/accounts/CASAND/subscriber/new>

If you have any questions regarding this inspection, please contact Anastasiya Irkhin, (858) 518-7388, anastasiya.irkhin@sdcounty.ca.gov



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 01/15/2019 PAGE 2 OF 2
RECORD ID #: DEH2014-HUPFP-000856

INSPECTION PHOTOS

None

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE Chip Justus	SIGNATURE 	DATE SIGNED 01/15/2019
TITLE OF FACILITY REPRESENTATIVE Associate Director		

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (858) 505-6880 <http://www.sdcdeh.org>

Permit #:

Date: 5/28/2014

SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
Annual Carcinogen and Reproductive Toxin Reporting List

Business Name: Celula, Inc.

Business Address: 11011 Torreyana Road, Suite 200, San Diego CA 92121

Business Owner or Operator: Celula, Inc.

Please complete the following by entering the chemical name in the chemical name column and then place a check ✓ in the quantity column that most closely estimates the amount on hand. If measured by volume, check the appropriate gallon column(s). If measured by weight, check the appropriate pound column(s). If the chemical is a trade secret, you should check the trade secret box. For example, if you have one pint of benzene you would write benzene in the chemical name column and place a check ✓ in the <1-gallon column.

(PLEASE NOTE: the symbol < means less than).

Chemical Name	<1 gal.	<1 lb.	<10 gal.	<10 lbs.	<55 gal.	<500 lbs.	Trade Secret
Acetazolamide	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chloroform	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
O-Dianisidine	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
O-Dianisidine Dihydrochloride	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Formaldehyde	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trypan Blue	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Methanol	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Toluene	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Silica Dust	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6880 FAX (858) 505-6848
<http://www.sdcdeh.org>



Medical Waste Management Plan

Facility Information

Unified Program Facility

Permit #: _____

Business

Name: Celula, Inc.

Date: 5 /28 /2014

Type of Business: Biotechnology Research And Development

Address: 11011 Torreyana Road Suite 200 San Diego CA 92121
Street No. Street Name City State Zip Code

Person Responsible for implementing the Medical Waste Management Plan

Name: Mark Mccutchen

Phone: (858)875 X 8817

Title: Chief Financial Officer

Types of wastes generated

Sharps - e.g., needles, blades, scalpels, or broken glass or syringes contaminated with biohazardous waste.

Estimated monthly amount 10 lbs

Blood or body fluids - liquid blood or blood products, or other regulated body fluids, or articles contaminated with liquid blood or body fluids.

Estimated monthly amount 10 lbs

Home-Generated Sharps

Estimated monthly amount _____ lbs

Pathology waste - recognizable human anatomical parts.

Estimated monthly amount _____ lbs

Laboratory wastes - specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, biologicals, and culture media.

Estimated monthly amount 40 lbs

Surgical specimens - human or animal parts or tissues removed surgically or by autopsy and are suspected to be contaminated by agents which are contagious to humans.

Estimated monthly amount _____ lbs

Liquid or semi-liquid biohazardous laboratory waste - treated on site by chemical disinfection* and discharged to sewer.

Estimated monthly amount _____ lbs

Isolation waste - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases.

Estimated monthly amount _____ lbs

Waste contaminated with fixatives or chemotherapeutic agents.

Estimated monthly amount _____ lbs

Contaminated animals - animal carcasses, body parts, tissues or fluids suspected to be contaminated by agents which are contagious to humans.

Estimated monthly amount _____ lbs

California-regulated pharmaceutical waste
Estimated monthly amount _____ lbs

Other (specify): _____
Estimated monthly amount _____ lbs

Estimate of **TOTAL** monthly medical waste generated: 60 lbs

ONSITE MEDICAL WASTE TREATMENT ONLY: Method of medical waste treatment *if performed onsite:*

Steam Autoclaving **Other state approved alternative technology** (specify below):

Onsite medical waste treatment records must be maintained for three years. HSC §117975

*Per HSC §118215(c), for liquid or semi-liquid biohazardous laboratory waste (§117635(a)), the treatment method must be recognized by the NIH, the CDC, or the American Biological Safety Association. If the chemical disinfection of the medical waste causes the waste to become a hazardous waste, the waste shall be managed in accordance with the requirements of HSC Chapter 6.5 (commencing with §25100) of Division 20.

Medical Waste Management Plan

Registered Medical Waste Hauler used to remove untreated medical waste (if applicable):

Name: Ingenium Group LLC

Address: 2255 Barham Drive

City: Escondido State CA ZIP Code 92029

Phone #: (790) 745 - 8780

Contact Person: Vanessa Loetell

Offsite treatment facility to which medical waste is transported (if applicable):

Facility Name: Enserv West LLC

Address: 4726 Loma Vista Ave

City: Vernon State CA ZIP Code 90058

Phone #: (323)589 - 5159

Contact Person: Facility Manager

Phone #: (877)339 - 5333

I hereby certify to the best of my knowledge and believe the statements made herein are correct and accurate.

Name: Mark McCutchen
Type or Print

Title: Chief Financial Officer

Signature: 

Date: 5 /28 /2014

Emergency Action Plan:

Note: This requirement only applies to Large Quantity Generators of Medical Waste (≥200 lbs/month).

This plan is to be followed to ensure the proper disposal of medical waste in the event of a natural disaster, spill, treatment system break down, power failure, etc. (600 characters max. for WORD interactive form - use additional sheets if necessary).



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

DEH 2014-HUPFP-001150

PAGE <u>1</u> OF <u>1</u> DATE <u>10/8/14</u>
RECORD ID # <u>DEH 2014-HUPFP-001150</u>
TIME START <u>10:07</u> END <u>11:35</u>
SPECIALIST <u>MIKE MANESE</u>
INSPECTION CONTACT <u>Brenda Mercado</u>
TITLE <u>Office Manager</u>
PHONE <u>(858) 875-8804</u>

FACILITY NAME CELULA, INC.
 ADDRESS 11011 TOMBLEYANA RD. STE 200
 CITY/ZIP SD 92129

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). **This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6.** This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

- NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.**
- | | | | | | |
|-------------------------------------|--------------------------|--|-------------------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Unified Program Facility Permit current | <input type="checkbox"/> | <input type="checkbox"/> | Permit Expires on: <u>NEW BUSINESS</u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Hazardous Materials Business Plan available | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Contingency Plan available <input type="checkbox"/> LQG <input checked="" type="checkbox"/> SQG |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Employee Training is adequate | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Employee Training records available |
| <input type="checkbox"/> | <input type="checkbox"/> | Waste disposal records available for review | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Universal waste managed properly |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Emergency contacts current <input type="checkbox"/> Updated today | <input type="checkbox"/> | <input type="checkbox"/> | Waste containers <input checked="" type="checkbox"/> closed <input type="checkbox"/> labeled |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Chemical inventory/map current <input type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste containers in good condition |

Consent to inspect granted by: Inspection Contact Other: _____

- INITIAL INSPECTION -

ON SITE WITH BRENDA MERCADO TO CONDUCT THE HAZARDOUS MATERIALS AND MEDICAL WASTE INSPECTION. THE FACILITY IS A BIOTECH AND GENERATES BIOHAZARDOUS SHARPS, RED BAG AND LIQUID WASTE. IN THE FUTURE THE FACILITY WILL BE GENERATING SOLVENT WASTE. THE FACILITY IS CURRENTLY A SMALL QUANTITY GENERATOR OF BIOHAZARDOUS WASTE.

- MINOR VIOLATION CORRECTED AT THE TIME OF INSPECTION -

GENERATOR INFORMATION LABEL MISSING FROM BIOHAZARDOUS RED BAGS

REMARKS - FACILITY HAS NOT HAD A MEDICAL WASTE PICK UP SINCE BEGINNING OPERATIONS PLEASE KEEP A COPY OF MEDICAL WASTE TRACKING RECORDS ON SITE FOR THE PAST 2 YEARS AND HAZARDOUS WASTE MANIFESTS FOR THE PAST 3 YEARS.

The Hazardous Materials Business Plan (inventory & site map, emergency contacts, emergency response plan, and employee training plan) is required by law to be certified online through the California Environmental Reporting System (CERS). For additional information about hazardous materials business plans and CERS, go to: <http://www.sdcounty.ca.gov/deh/hazmat/hmd-cers-info.html>

PRINTED NAME OF FACILITY REPRESENTATIVE

DATE SIGNED

Brenda Mercado

10 / 08 / 2014

SIGNATURE OF FACILITY REPRESENTATIVE

TITLE OF FACILITY REPRESENTATIVE

[Signature]

Office Manager

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129241, San Diego, CA 92112-9261
 Phone: (858) 505-6880 <http://www.sdcdeh.org>



**COUNTY OF SAN DIEGO CUPA
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6880 FAX (858) 505-6848**

CalARP REGULATED SUBSTANCE DISCLAIMER/DEREGISTRATION

I. IDENTIFICATION

FACILITY ID# (Same as UPF Permit #)										Date Submitted:	
3	7		0	0	0						6/10/2014
BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As)										BUSINESS PHONE	
Celula, Inc.										(858) 875-8800	
BUSINESS SITE ADDRESS											
11011 Torrevana Road, Suite 200											
CITY										CA	ZIP CODE
San Diego											92121-
BUSINESS OPERATOR NAME										BUSINESS OPERATOR PHONE	
Celula, Inc.										(858) 875-8800	
MAILING ADDRESS											
Same as above											
CITY										STATE	ZIP CODE

II. THE FOLLOWING REGULATED SUBSTANCES ARE NO LONGER HANDLED AT THE ABOVE SITE

1. N/A
Reason for discontinued use/ or replacement chemical that is not a regulated substance.
2. N/A
Reason for discontinued use/ or replacement chemical that is not a regulated substance.
3. N/A
Reason for discontinued use/ or replacement chemical that is not a regulated substance.

III. THE FOLLOWING REGULATED SUBSTANCES ARE HANDLED BELOW THEIR THRESHOLD

NAME OF SUBSTANCE	TOTAL AMOUNT STORED ON SITE	SIZE OF LARGEST STORAGE CONTAINER
1. See Attached Page-2		
2.		
3.		

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete. I understand that if I submit a disclaimer and am now or in the future subject to the RMP requirements, a new RMP will be required. The RMP will be as for a new process and the regulated substance(s) cannot be brought on site or increased above the threshold until a complete RMP has been submitted.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE	NAME OF DOCUMENT PREPARER
	2014-06-10	Occupational Services, Inc.
NAME OF SIGNER (print)	TITLE OF SIGNER	
Mark McCutchen	Chief Financial Officer	

OFFICE USE	DISCLAIMER ACCEPTED	BY: _____
	<input type="checkbox"/> Change the status of site to non-CalARP (Bus. Activities in KIVA). Change Route to _____. <input type="checkbox"/> Remove KIVA billing codes: 6HCUPA3 6HRMP1 6HRMP2 (Quantities=0 in KIVA) <input type="checkbox"/> Update inventory for: _____ DELETE, AVG ____ MAX ____ <input type="checkbox"/> Enter Remark "Verify Inventory or Use of _____, at _____. CalARP disclaimer submitted ____/____/____ indicated below TPQ/ discontinued use." <input type="checkbox"/> Deactivate	
HIRT SITE	REMARKS:	
<input type="checkbox"/> YES <input type="checkbox"/> NO	_____	

CalARP REGULATED SUBSTANCES DISCLAIMER/DEREGISTRATION

Celula, Inc.
11011 Torreyana Road, Suite 200, San Diego, CA 92121

	Name of Substance	Total Amount Stored On-site	Size of Largest Container
1	Nitric Acid	1 Gallon	1 Gallon
2	Hydrogen Chloride (liquid)	1 Gallon	1 Gallon
3	Sodium Azide	1 Liter	1 Liter



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 11/04/2015
 RECORD ID #: DEH2014-HUPFP-001150
 TIME START: 10:10 AM END: 11:35 AM
 SPECIALIST: Kaelyn Malone
 INSPECTION CONTACT: Jayant Thatte, Ph.D
 TITLE: Director of Operations
 PHONE: (858) 622-2937
 E-MAIL: jthatte@crownbio.com

FACILITY NAME: Crown Bioscience, Inc
 ADDRESS: 11011 TORREYANA RD 200 + 150
 CITY/ZIP: SAN DIEGO /92121-1104

FACILITY REFERENCE DATA

ACCELA	CERS
RECORD STATUS: Permit Renewed	EPA ID NUMBER: CAL000397310
PERMIT EXPIRATION DATE: 02/29/2016	FACILITY CERS ID NUMBER: 10503748
BALANCE DUE: \$0.00	CERS LEAD USER: Chad Hansen
INSPECTOR: Kaelyn Malone	LAST CERS SUBMITTAL DATE: 10/15/2014
INSPECTION TYPE: Routine	ENVIRONMENTAL CONTACT EMAIL: bmercado@celula-inc.com
INSPECTION STATUS: Pending Corrective Action	ENVIRONMENTAL CONTACT PHONE: 8588758804

FACILITY INFORMATION

	YES	NO		YES	NO		
INACTIVATION INSPECTION:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HAZARDOUS MATERIALS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
CHANGE OF OWNER:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	HAZARDOUS WASTE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
CHANGE IN BUSINESS TYPE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ABOVEGROUND PETROLEUM STORAGE ACT*:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
BUSINESS TYPE: Biomedical/Biotech-Not Large Manufacturer			TOTAL SHELL CAPACITY APSA:		0		
ISSUE INITIAL INVOICE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	UNDERGROUND STORAGE TANK:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
ASSESS NON-NOTIFICATION FEE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CALARP PROGRAM LEVEL:	1	2	3	N/A
ASSESS RE-INSPECTION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MEDICAL WASTE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
FACILITY SUBJECT TO BASE FEE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MW FACILITY GENERATING OVER 200 LBS PER MONTH:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
FACILITY SUBJECT TO CUPA FEE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EPIC PARTICIPANT:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
UPDATE FACILITY ADDRESS IN AA:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	NUMBER OF TLV GASES AT THE FACILITY:				0

GENERATOR STATUS :

TIERED PERMIT LEVEL(S) :

PRIMARY BILLING CODE: General Medical Waste
 SECONDARY BILLING CODE: Not Applicable
 TERTIARY BILLING CODE: Not Applicable

INSPECTION SCOPE:

HAZARDOUS MATERIALS: HAZARDOUS WASTE:

APSA: UST: CALARP:

MEDICAL WASTE:

TIERED PERMITTING:

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT NAME: Jayant Thatte, Ph.D TITLE: Director of Operations
 REFUSED TO SIGN

INSPECTION REPORT EMAILS:
 john.misleh@sdcounty.ca.gov,kaelyn.malone@sdcounty.ca.gov,acalinisan@crownbio.com

RECORD COMMENT:
 Initial inspection conducted at this facility 11/4/2015. Facility expanded suite 200 on October 16, 2015, but has been operating out of suite 150 since February 5, 2015. Suite 150 currently does not have a permit, and so Crown Bioscience has been operating without a permit for handling hazardous materials, generating hazardous waste, and generating medical biohazardous waste.



COUNTY OF SAN DIEGO

NOTICE OF VIOLATION

INSPECTION DATE: 11/04/2015	PAGE 1 OF 11
RECORD ID #: DEH2014-HUPFP-001150	
TIME START: 10:10 AM	END: 11:35 AM
SPECIALIST: Kaelyn Malone	
INSPECTION CONTACT: Jayant Thatte, Ph.D	
TITLE: Director of Operations	
PHONE: (858) 622-2937	
E-MAIL: jthatte@crownbio.com	

FACILITY NAME: Crown Bioscience, Inc
 ADDRESS: 11011 TORREYANA RD 200 + 150
 CITY/ZIP: SAN DIEGO /92121-1104

OWNER'S NAME CELULA, INC. CITY/ZIP SAN DIEGO /92121
 ADDRESS 11011 TORREYANA ROAD, SUITE 200 PHONE (858) 875-8800

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). The following statements describe significant violations. This notice requires a formal written response and corrective action within the times specified.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

CONSENT TO CONDUCT INSPECTION GRANTED BY: Jayant Thatte, Ph.D TITLE: Director of Operations

INTRODUCTION:

Today I conducted an initial inspection at this facility to determine compliance in the handling, storing, and disposal of hazardous substances and medical waste. Consent for today's inspection and to take photos during the inspection was granted by Jayant Thatte, Director of Operations. Andrew Calinisan, Lab Manager, also accompanied us on the facility walk-through. Photos have been attached to this report.

Per Jayant Thatte, Crown Bioscience Inc began operating out of 11011 Torreyana Road Suite 150, as of February 5, 2015. At the time of this inspection, Crown Bioscience does not have a Unified Program Facility Permit with the County of San Diego- Hazardous Materials Division. As of October 16, 2015, Crown Bioscience has expanded to Suite 200 from Celula Inc, and is operating out of Suite 200. Suite 150 is currently under renovation to include a vivarium.

The facility handles reportable amounts of hazardous materials and they are subject to hazardous materials business plan requirements. At the time of this inspection, the facility is a small quantity generator of hazardous waste and they are a large quantity generator of medical waste.

VIOLATION # 1

HMD1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905

Classification: Class I

Observations:

This facility has the capacity to store reportable amounts of hazardous materials or hazardous waste (55 gal, 500 lbs., or 200 cuft) and does not have a valid Unified Program Facility Permit from the Hazardous Materials Division (HMD) as required by SDCC .

Observed during today's inspection were the following hazardous materials in reportable threshold quantities:

- 4 x 230L Liquid Nitrogen Tanks (Total: 243 gallons)
- 3 x 50 pound Carbon Dioxide cylinders (Total: 1,311 cubic feet)

Corrective Action Due By: 11/14/2015

Within 10 days complete a submittal of Facility information in the California Environmental Reporting System (CERS) to begin the permit process for a Unified Program Facility Permit. For a new permit, begin by submitting a CERS ID form found on our CERS information page at http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html within 10 calendar days.

Pay all applicable Unified Program Facility Permit fees and penalties within ten (10) calendar days of receipt of an invoice from the County of San Diego, Hazardous Materials Division.



SUPPLEMENTAL NOTICE OF VIOLATION

VIOLATION # 2

3010001 Unified Program Facility (UPF) permit not obtained for the generation of hazardous waste. HSC 25404.1; SDCC 68.905

Classification: Class I

Observations:

The following hazardous wastes were observed during today's facility walk-through:

- RCRA Pharmaceutical waste
- 10% Formalin/spent solvent waste

(See Photos 1-4)

Corrective Action Due By: 11/14/2015

Within 10 days complete a submittal of Facility information in the California Environmental Reporting System (CERS) to begin the permit process for a Unified Program Facility Permit. For a new permit, begin by submitting a CERS ID form found on our CERS information page at http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html within 10 calendar days.

Pay all applicable Unified Program Facility Permit fees and penalties within ten (10) calendar days of receipt of an invoice from the County of San Diego, Hazardous Materials Division.

VIOLATION # 3

HMD4201 UPF Permit not obtained. HSC 117705; SDCC 68.905

Classification: Class I

Observations:

During today's facility walk-through, it was observed that the facility generates medical/biohazardous wastes.

The following medical and biohazardous waste streams were observed:

- Biohazardous red bag waste
- Biohazardous waste sharps
- Liquid Biohazardous Waste

Corrective Action Due By: 11/14/2015

Within 10 days complete a submittal of Facility information in the California Environmental Reporting System (CERS) to begin the permit process for a Unified Program Facility Permit. For a new permit, begin by submitting a CERS ID form found on our CERS information page at http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html within 10 calendar days.

Pay all applicable Unified Program Facility Permit fees and penalties within ten (10) calendar days of receipt of an invoice from the County of San Diego, Hazardous Materials Division.

Specialist should verify the identification of facility representative using a standard form of ID (e.g., CDL#, CA ID# or DOB).

PRINTED NAME OF ENV. HEALTH SPECIALIST Kaelyn Malone	SIGNATURE		DATE SIGNED 11/04/2015
PRINTED NAME OF FACILITY REPRESENTATIVE Jayant Thatte, Ph.D			DATE SIGNED 11/04/2015
TITLE OF FACILITY REPRESENTATIVE Director of Operations	SIGNATURE		



COUNTY OF SAN DIEGO

SUPPLEMENTAL NOTICE OF VIOLATION

INSPECTION DATE: 11/04/2015 PAGE 3 OF 11
RECORD ID #: DEH2014-HUPFP-001150

You must submit a written response within 30 days (or as specified) addressing all violations noted. The written response must demonstrate all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. The County may initiate formal enforcement action including the imposition of substantial penalties for any significant violations addressed in this notice. Any violations that are not promptly corrected will result in liability for additional days in violation and additional penalties. Any failure to provide the information requested will also be a factor in determining penalties. For these purposes, "significant violations" include violations that represent a significant threat to human health or safety or the environment, chronic violations, violations committed by a recalcitrant violator and Class I hazardous waste violations (CCR 66260.10 and H&SC 25110.8.5).



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: Crown Bioscience, Inc
 ADDRESS: 11011 TORREYANA RD 200 + 150
 CITY/ZIP: SAN DIEGO /92121-1104

INSPECTION DATE: 11/04/2015 PAGE 4 OF 11
 RECORD ID #: DEH2014-HUPFP-001150
 TIME START: 10:10 AM END: 11:35 AM
 SPECIALIST: Kaelyn Malone
 INSPECTION CONTACT: Jayant Thatte, Ph.D
 TITLE: Director of Operations
 PHONE: (858) 622-2937
 E-MAIL: jthatte@crownbio.com

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit Current	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contingency Plan Available <input type="checkbox"/> LQG <input checked="" type="checkbox"/> SQG
<input type="checkbox"/>	<input type="checkbox"/>	Hazardous Materials Business Plan Available	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training Records Available
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training is Adequate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Universal Waste Managed Properly
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Disposal Records Available for Review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers <input checked="" type="checkbox"/> Closed <input type="checkbox"/> Labeled
<input type="checkbox"/>	<input type="checkbox"/>	Emergency Contacts Current <input type="checkbox"/> Updated today	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers in Good Condition
<input type="checkbox"/>	<input type="checkbox"/>	Chemical Inventory/Map Current <input type="checkbox"/> Updated today			Permit Expires On <u>02/29/2016</u>

CONSENT TO CONDUCT INSPECTION GRANTED BY: Jayant Thatte, Ph.D

TITLE: Director of Operations

VIOLATION # 4

1010001 HMBP not established/ implemented. HSC 25505(a) and 25507(a)

Classification: Class II

Observations:

This facility has the capacity to store reportable amounts of hazardous materials or hazardous waste (>= 55 gal, 500 lbs., or 200 cuft) and is thus required to prepare a hazardous materials business plan (HMBP). HMBPs consist of three sections to be completed online via the California Environmental Reporting System (CERS) at cers.calepa.ca.gov. This facility has not established or submitted an HMBP as required.

Corrective Action Due By: 12/04/2015

This violation must be corrected online by logging into the facility account in CERS, completing the first three sections (facility information, hazardous materials/waste inventory, and emergency response/training plans) and submitting them electronically. Once accepted, this must be updated and recertified at least every 12 months or within 30 days of changes thereafter. For assistance, visit our CERS Information webpage for guides and videos or call our CERS help line at (858) 505-6990 for one-on-one guidance.

VIOLATION # 5

1010002 HMBP not submitted to the CUPA in CERS. HSC 25508(a)(1)(A); HSC 25404(e)(4); 27 CCR 15188(a), (d)

Classification: Class II

Observations:

This facility has the capacity to store reportable amounts of hazardous materials or hazardous waste (>= 55 gal, 500 lbs., or 200 cuft) and is required to submit a hazardous materials business plan (HMBP) through the California Environmental Reporting System (CERS). There is no record of an HMBP being submitted in CERS to date.

Corrective Action Due By: 12/04/2015

Within 30 days, log into your account in CERS and submit a complete HMBP including: facility information, hazardous materials/waste inventory, and emergency response/training plans. Once accepted, your HMBP must be updated and recertified at least every 12 months or within 30 days of changes. For help, visit our CERS Information webpage for instructions/videos or call our CERS help line at (858) 505-6990 for one-on-one guidance.



COUNTY OF SAN DIEGO
SUPPLEMENTAL COMPLIANCE
INSPECTION REPORT

INSPECTION DATE: 11/04/2015 PAGE 5 OF 11
RECORD ID #: DEH2014-HUPFP-001150

VIOLATION # 6

HMD4209 Primary containers accumulating MW not labeled with generator's name, address, and phone number. SDCC 68.1205

Classification: Class II

Observations:

During today's facility walk-through, the sharps waste containers, and the biohazardous red bags that were accumulating waste did not have a generator's label with the generator's name, address, and phone number.

Corrective Action Due By: 12/04/2015

Immediately label all primary medical waste containers with the generator's name, address, and phone number. Within 30 days, submit documentation that the violation was corrected to HMD.

VIOLATION # 7

HMD4351 MWMP not submitted to HMD (initial/updates). HSC 117960, 117970

Classification: Class II

Observations:

At the time of this inspection, the facility was observed to be a large quantity generator of medical/biohazardous waste. A medical waste management plan was not observed onsite or submitted to HMD.

Corrective Action Due By: 12/04/2015

Within 30 days, complete a medical waste management plan and upload and submit the plan to HMD through CERS.

VIOLATION # 8

3030007 Failed to properly label/date hazardous waste container and/or tank. 22 CCR 66262.34(f)

Classification: Minor

Observations:

Observed a RCRA pharmaceutical waste container that was not properly labeled as hazardous waste. The container(s) and/or tank was missing a hazardous waste label. Hazardous waste containers must be labeled with the following: The words "Hazardous Waste", the name and address of the generator, the composition and physical state of the waste, the hazardous properties of the waste, and the accumulation start date.

(See photos 1-2)

Corrective Action Due By: 12/04/2015

Immediately begin labeling the container(s) and/or portable tank(s) with the required labeling. Within 30 days, submit documentation to the HMD that this violation was corrected.

INSPECTION REMARKS:

Helpful Websites:

- For guidance documents on hazardous materials-related topics, go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS), go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations, go to: <http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails: <https://public.govdelivery.com/accounts/CASAND/subscriber/new>



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 11/04/2015 PAGE 6 OF 11
RECORD ID #: DEH2014-HUPFP-001150

If you have any questions regarding this inspection, please contact Kaelyn Malone , 619-884-5441,
Kaelyn.Malone@sdcounty.ca.gov

INSPECTION PHOTOS



Photo 1: Container holding RCRA pharmaceutical waste observed without a Hazardous Waste Label.



Photo 2: Container holding RCRA pharmaceutical waste observed without a Hazardous Waste Label.



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT



Photo 3: Spent 10% Formalin waste generated by the facility.

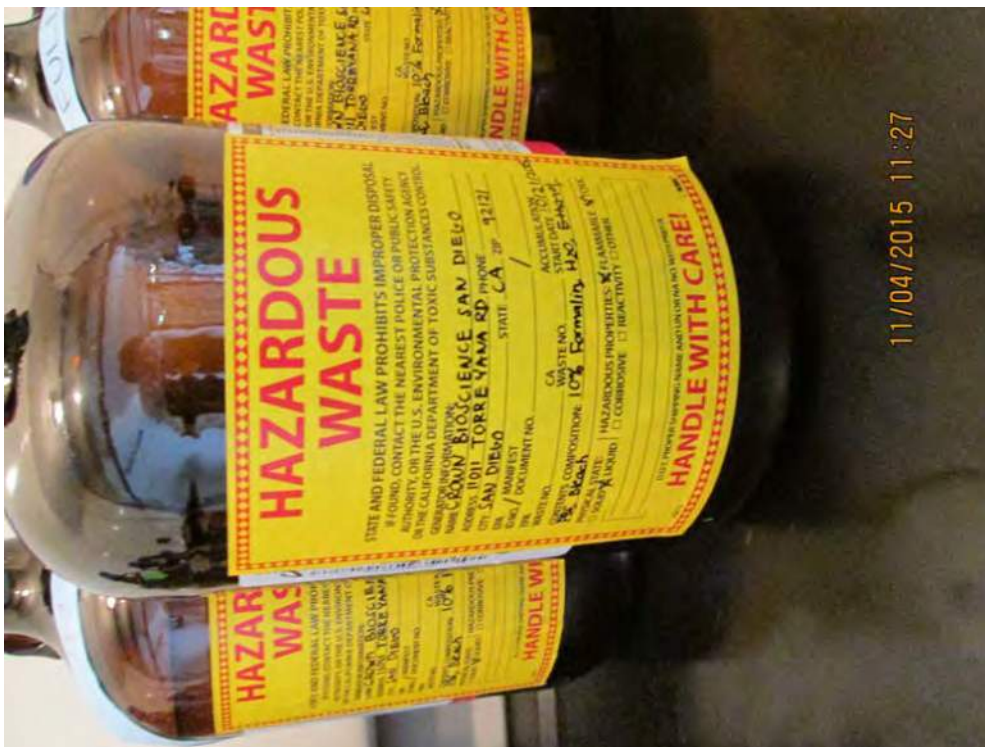


Photo 4: Spent 10% Formalin waste generated by the facility.

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 11/04/2015 PAGE 8 OF 11
RECORD ID #: DEH2014-HUPFP-001150

PRINTED NAME OF FACILITY REPRESENTATIVE Jayant Thatte, Ph.D	SIGNATURE 	DATE SIGNED 11/04/2015
TITLE OF FACILITY REPRESENTATIVE Director of Operations		

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (858) 505-6880 <http://www.sdcdeh.org>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT Handlers of Hazardous Materials and Small and Large Quantity Generators of Hazardous Waste

INSPECTION DATE: 11/04/2015 PAGE 9 OF 11
RECORD ID #: DEH2014-HUPFP-001150

FACILITY NAME: * Crown Bioscience, Inc

ADDRESS: * 11011 TORREYANA RD 200 + 150

CITY/ZIP: * SAN DIEGO

92121-1104

Each violation checked below is for the section(s) of the California Health and Safety Code (HSC), California Code of Regulations (CCR), or the San Diego County Code (SDCC) indicated in italics. Incorporated provisions of Title 40 of the Code of Federal regulations (CFR) are noted for reference. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. HMBP = Hazardous Materials Business Plan; CUPA = Certified Unified Program Agency; CERS = California Environmental Reporting System; SQG = Small Quantity Hazardous Waste Generator; LQG = Large Quantity Hazardous Waste Generator

Hazardous Materials Requirements

- | # | VIOLATION DESCRIPTION |
|---|---|
| 4 | <input checked="" type="checkbox"/> 1010001 HMBP not established/ implemented. HSC 25505(a) and 25507(a) |
| 5 | <input checked="" type="checkbox"/> 1010002 HMBP not submitted to the CUPA in CERS. HSC 25508(a)(1)(A); HSC 25404(e)(4); 27 CCR 15188(a), (d) |
| | <input type="checkbox"/> 1010003 Business Activities and/or Business Owner/Operator Identification not completed in CERS. 19 CCR 2729.2(a)(1); HSC 25404(e)(4) |
| | <input type="checkbox"/> 1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25506; 25507; and 25508(a)(1)(A) |
| | <input type="checkbox"/> 1010005 Site map not submitted in CERS or not sufficient. HSC 25505(a)(2) and 25508(a)(1)(A) |
| | <input type="checkbox"/> 1010006 HMBP not updated to reflect inventory changes or facility information. HSC 25508.1(a-e) |
| | <input type="checkbox"/> 1010007 HMBP not updated to reflect substantial change to the handler's operations. HSC 25508.1(f) |
| | <input type="checkbox"/> 1010008 HMBP not certified annually as complete and accurate in CERS. HSC 25508.2 |
| | <input type="checkbox"/> 1010010 Emergency response procedures to mitigate a release or threatened release not adequate, not established or not submitted in CERS. HSC 25505(a)(3) and 25508(a)(1)(A) |
| | <input type="checkbox"/> 1010011 Failure to notify property owner in writing that the business is subject to the HMBP program. HSC 25505.1 |
| | <input type="checkbox"/> 1010012 Failure to provide a copy of HMBP to the property owner within five working days upon request from property owner. HSC 25505.1 |
| | <input type="checkbox"/> 1010014 Failure to submit emergency response plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A) |
| | <input type="checkbox"/> 1010015 Failure to submit employee training plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A) |
| | <input type="checkbox"/> 1010016 HMBP not established or submitted in CERS, when not meeting the remote site exemption. HSC 25507.2 and 25508(a)(1)(A) |
| | <input type="checkbox"/> 1020001 Employee training plan for hazardous materials management not adequate, not established or not submitted in CERS. HSC 25505(a)(4) and 25508(a)(1)(A) |
| | <input type="checkbox"/> 1020002 Initial and/or annual employee training not conducted for hazardous materials management and/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4) |
| | <input type="checkbox"/> 1040001 Hazardous materials release or threatened release not reported to the CUPA and OES immediately upon discovery. HSC 25510(a) |
| | <input type="checkbox"/> 4010001 Failed to prepare and implement a written Spill Prevention Control and Countermeasures (SPCC) Plan in accordance with 40 CFR 112 (sec. 112.3). HSC 25270.4.5(a) |
| 1 | <input checked="" type="checkbox"/> HMD 1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905 |
| | <input type="checkbox"/> HMD 1005 Emergency contact not provided or current. HSC 25508.1(f) |
| | <input type="checkbox"/> HMD 1007 Highly toxic gas (TLV<10 ppm) not disclosed. SDCC 68.1113(b) |
| | <input type="checkbox"/> HMD 1008 Annual carcinogen/reproductive toxin list not submitted. SDCC 68.1113(c) |
| | <input type="checkbox"/> HMD 1013 HMBP not readily available for review. HSC 25505(c) |

Hazardous Waste Requirements for SQGs ONLY

- | | |
|--------------------------|--|
| <input type="checkbox"/> | HMD 0219 Failed to properly segregate used oil &/or fuel drained from filters. HSC 25250.22(b)(4); 22 CCR 66266.130(c)(6) |
| <input type="checkbox"/> | HMD 0226 Did not accumulate waste in a container or tank. (40 CFR 262.34(d)(2)). 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | HMD 0412 Failed to have an emergency coordinator on call or available during an emergency. (40 CFR 262.34(d)(5)(i)). 22 CCR 66262.34(d)(2) |

HM-923 (03-15)

Hazardous Waste Requirements for SQGs ONLY (continued)

- | # | VIOLATION DESCRIPTION |
|---|---|
| 8 | <input checked="" type="checkbox"/> 3030007 Failed to properly label/date hazardous waste container and/or tank. 22 CCR 66262.34(f) |
| | <input type="checkbox"/> 3030010 Accumulated waste too long (>180 or 270 days) (>90 days for an acutely hazardous waste). (40 CFR 262.34(e) and (f)). HSC 25201(a); 22 CCR 66262.34(d) |
| | <input type="checkbox"/> 3030013 Failed to accumulate hazardous waste in a container that is in good condition. (40 CFR 262.34(d)(2); 265.171.) 22 CCR 66262.34(d)(2) |
| | <input type="checkbox"/> 3030015 Failed to accumulate or store hazardous waste in a lined/compatible container. (40 CFR 262.34(d)(2); 265.172) 22 CCR 66262.34(d)(2) |
| | <input type="checkbox"/> 3030017 Failed to properly close hazardous waste container(s). (40 CFR 262.34(d)(2); 265.173.) 22 CCR 66262.34(d)(2) |
| | <input type="checkbox"/> 3030019 Failed to inspect hazardous waste storage area at least weekly. (40 CFR 262.34(d)(2); 265.174.) 22 CCR 66262.34(d)(2) |
| | <input type="checkbox"/> 3030022 Failed to properly separate incompatible waste. (40 CFR 262.34(d)(2); 265.177.) 22 CCR 66262.34(d)(2) |
| | <input type="checkbox"/> 3030030 Failed to maintain and/or operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents. (40 CFR 262.34(d)(4); 265.31.) 22 CCR 66262.34(d)(2) |
| | <input type="checkbox"/> 3030036 Failed to maintain adequate aisle space. (40 CFR 262.34(d)(4); 265.35.) 22 CCR 66262.34(d)(2) |
| | <input type="checkbox"/> 3010022 Failed to post, next to the telephone, emergency information containing the location of emergency equipment, contact names, and numbers. (40 CFR 262.34(d)(5)(ii)). 22 CCR 66262.34(d)(2) |
| | <input type="checkbox"/> 3020001 Failed to ensure employees are trained for hazardous waste handling, compliance with regulations, and emergency response procedures. (40 CFR 262.34(d)(5)(iii)). 22 CCR 66262.34(d)(2) |
| | <input type="checkbox"/> 3030032 Failed to maintain or have emergency equipment, supplies, or equivalents. 1) An internal communication or alarm system; 2) A device, such as a telephone; 3) Portable fire extinguishers, fire control equipment, spill control equipment, and decontamination equipment; and 4) Water at adequate volume and pressure (40 CFR 262.34(d)(4); 265.32) 22 CCR 66262.34(d)(2) |
| | <input type="checkbox"/> 3030039 Failed to implement contingency plan during an emergency, spill/ release. (40 CFR 262.34(d)(5)(iv)). 22 CCR 66262.34(d)(2) |

Hazardous Waste Tank Systems for SQGs ONLY

- | | |
|--------------------------|--|
| <input type="checkbox"/> | 3030024 Failed to maintain sufficient freeboard of 2 ft in uncovered tanks to prevent overtopping unless the tank is equipped with a containment structure, a drainage control system or a diversion structure with a capacity that equals or exceeds the volume of the top 2 ft of the tank. (40 CFR 62.34(d)(3); 265.201(b)(c)). 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030025 Failed to provide an overflow protection device on continuously fed hazardous waste tank. (40 CFR 262.34(d)(3); 265.201(b)(4)). 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030027 Failed to conduct daily tank inspection of the discharge system, monitoring equipment, and tank level. (40 CFR 265.201(c)(1), 265.201(c)(2), 265.201(c)(3), 262.34(d)(3)). 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030028 Failed to conduct weekly inspections of the construction materials, fixtures, and surrounding areas of the hazardous waste tank. (40 CFR 265.201(c)(4); 265.201(c)(5); 262.34(d)(3)). 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3050007 Failed to properly decontaminate and document closure of a hazardous waste tank system. (40 CFR 265.201(f)). 22 CCR 67383.3 |
| <input type="checkbox"/> | HMD 1612 Hazardous waste improperly stored in a tank system causing leaks, corrosion, or failure. (40 CFR 265.201(b)). 22 CCR 66262.34(d) |
| <input type="checkbox"/> | HMD 1614 Failed to pre-notify the CUPA in writing prior to closing a hazardous waste tank system. 22 CCR 67383.3(a)(1) |
| <input type="checkbox"/> | HMD 1615 Failed to properly accumulate ignitable or reactive waste in a tank system. (40 CFR 265.201(g)). 22 CCR 66262.34(d)(2) |



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Hazardous Materials and Hazardous Waste (continued)

Hazardous Waste Requirements for SOGs and LOGs RECORD KEEPING/OPERATIONAL REQUIREMENTS

- | # | VIOLATION DESCRIPTION |
|---|--|
| 2 | <input checked="" type="checkbox"/> 3010001 Unified Program Facility (UPF) permit not obtained for the generation of hazardous waste. HSC 25404.1; SDCC 68.905 |
| | <input type="checkbox"/> 3010029 The facility has not submitted complete and accurate facility information in CERS. HSC 25404(e)(4); 27 CCR 15188(b) |
| | <input type="checkbox"/> 3010002 Failed to obtain and/or maintain an active EPA ID. 22 CCR 66262.12 |
| | <input type="checkbox"/> 3010008 Failed to properly complete a uniform hazardous waste manifest. 22 CCR 66262.23(a) |
| | <input type="checkbox"/> 3010009 Failed to complete the hazardous waste manifest Exception Requirement. 22 CCR 66262.42 |
| | <input type="checkbox"/> 3010010 Failed to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a) |
| | <input type="checkbox"/> 3010011 Failed to send hazardous waste manifest copies to the Department of Toxic Substances Control (DTSC). 22 CCR 66262.23(a)(4) |
| | <input type="checkbox"/> 3010013 Failed to meet the consolidated manifesting requirements for waste shipment. HSC 25160.2; 22 CCR 66262.40(a) |
| | <input type="checkbox"/> 3010014 Failed to retain disposal records of spent lead batteries for 3 years. 22 CCR 66266.81(a)(4)(B) |
| | <input type="checkbox"/> 3030006 Failed to determine if a hazardous waste is restricted or prohibited from land disposal. 22 CCR 66268.7(a) |
| | <input type="checkbox"/> 3010016 Failure of recycler who recycles more than 100 kilograms per month of recyclable material under a claim that the material qualifies for exclusion or exemption to provide and submit in CERS the required information. HSC 25143.10(a), (c), and/or (d) |
| | <input type="checkbox"/> HMD 0149 Failed to keep disposal receipts for drained used oil filters and/or drained fuel filters for 3 years. HSC 25250.22; 22 CCR 66266.130 |
| | <input type="checkbox"/> HMD 0148 Failed to have copies of analytical records, waste analysis records, and/or waste determination results for 3 years. 22 CCR 66262.40(c) |
| | <input type="checkbox"/> HMD 0140 Failed to have Land Disposal Restriction documentation onsite for 3 years. 22 CCR 66268.7(a)(8) |
| | <input type="checkbox"/> 3250005 Failed to obtain a Treatment, Storage and Disposal Facility (TSDF) permit or authorization to store/treat/dispose of hazardous waste. HSC 25201(a) |
| | <input type="checkbox"/> 3050005 Failed to have adequate records demonstrating claim of exemption for Excluded Recyclable Materials. HSC 25143.2(f); 22 CCR 66261.2(g) |
| | <input type="checkbox"/> 3210001 Failed to notify the CUPA in CERS for onsite hazardous waste treatment/tiered permitting. HSC 25201(a) |
| | <input type="checkbox"/> HMD 0138 Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a) |

Hazardous Waste Requirements for SOGs and LOGs DISPOSAL AND TRANSPORTATION

- | | |
|--------------------------|---|
| <input type="checkbox"/> | 3010007 Failed to prepare a hazardous waste manifest for the transport of a waste for off-site transfer, treatment, storage, or disposal. HSC 25160(b)(1) or (2), 25160.2(b)(9); 22 CCR 66262.20(a) |
| <input type="checkbox"/> | 3030005 Failed to make a proper waste determination. 22 CCR 66262.11, 66262.40(c) |
| <input type="checkbox"/> | 3050001 Failed to use a California registered hazardous waste transporter to transport hazardous waste. HSC 25163(a); 22 CCR 66263.41 |
| <input type="checkbox"/> | 3050002 Failed to properly dispose of hazardous waste at an authorized facility. HSC 25189.5(a); 25189(c),(d); 25189.2(c) |
| <input type="checkbox"/> | 3130002 Impermissible dilution of hazardous waste. 22 CCR 66268.3(a) |
| <input type="checkbox"/> | HMD 0305 Disposed of used oil illegally. HSC 25250.5(a); 25189.5(a); 25189(c),(d); 25189.2(c) |
| <input type="checkbox"/> | HMD 0306 Disposed of hazardous waste latex paint improperly. HSC 25217.1 |

Hazardous Waste Requirements for SOGs and LOGs STORAGE AND HANDLING

- | # | VIOLATION DESCRIPTION |
|--------------------------|--|
| <input type="checkbox"/> | 3030001 Failed to meet requirements, when handling, and storing spent lead acid batteries. 22 CCR 66266.81(a)(1) |
| <input type="checkbox"/> | 3030003 Failed to properly manage 'damaged' spent lead acid batteries. 22 CCR 66266.81(b) |
| <input type="checkbox"/> | 3030004 Failed to properly manage, store, label, and/or recycle used oil filters and/or used fuel filters. HSC 25250.22; 22 CCR 66266.130 |
| <input type="checkbox"/> | 3050004 Failed to properly manage contaminated used oil as a hazardous waste. HSC 25250.7(a), (c) |
| <input type="checkbox"/> | HMD 0222 Failed to properly label Excluded Recyclable Materials (ERM). HSC 25143.9(a). |
| <input type="checkbox"/> | HMD 0216 Failed to label hazardous material container within 10 days after the container was discovered to be mislabeled or inadequately labeled. HSC 25124(b)(3)(A); 22 CCR 66262.34(f) |
| <input type="checkbox"/> | HMD 0217 Failed to repackage damaged/deteriorated hazardous material container within 96 hours. HSC 25124(b)(3)(B); 22 CCR 66262.34(f) |
| <input type="checkbox"/> | HMD 0221 Failed to comply with hazardous waste satellite container regulation. 22 CCR 66262.34(e) |
| <input type="checkbox"/> | HMD 0223 Failed to properly empty container, failed to manage non-empty container, or inner liner removed from a container. 22 CCR 66261.7(b), (d) and/or (r); 66262.34(f) |
| <input type="checkbox"/> | HMD 0224 Failed to mark date on empty container larger than 5 gallons and/or manage it within one year. 22 CCR 66261.7(e),(f) |

Universal Waste Handler Requirements

- | | |
|--------------------------|---|
| <input type="checkbox"/> | 3010004 Failed to obtain an EPA ID number from DTSC or US EPA prior to storing 5,000 kg or more of universal waste. 22 CCR 66273.32(a),(b) |
| <input type="checkbox"/> | 3020002 Failed to maintain universal waste handler training records for 3 years. 22 CCR 66273.36(c),(d) |
| <input type="checkbox"/> | 3020003 Failed to properly train handlers of universal waste in universal waste management and response procedures. 22 CCR 66273.36(a),(b) |
| <input type="checkbox"/> | 3030008 Failed to properly label or mark a universal waste (non-Conditionally Exempt Small Quantity Universal Waste Generator). 22 CCR 66273.34 |
| <input type="checkbox"/> | 3030011 Failed to properly dispose of universal waste within one year. 22 CCR 66273.35(a) and/or (b) |
| <input type="checkbox"/> | 3030046 Failed to keep records of offsite universal waste (UW) shipment(s) available for inspection for 3 years. HSC 25185(a); 22 CCR 66273.39(c), (d)(2) |
| <input type="checkbox"/> | 3030051 Failed to meet the accumulation standards for universal waste aerosol containers and waste handling. HSC 25201.16(f) |
| <input type="checkbox"/> | 3040004 Failed to manage universal waste in a manner to prevent release(s) to the environment. 22 CCR 66273.33; 66273.33.5 |
| <input type="checkbox"/> | 3050003 Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a), 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a) |



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 11/04/2015 PAGE 11 OF 11
 RECORD ID #: DEH2014-HUPFP-001150

Medical Waste Generators

Each violation checked below is for the section(s) of the California health and Safety Code (HSC), California Code of Regulation (CCR), or the San Diego County Code (SDCC) indicated in italics. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. UPF = Unified Program Facility; MW = Medical Waste; USPS = United States Postal Service; DOT = Department of Transportation

STORAGE AND LABELING

- | # | HMD | VIOLATION DESCRIPTION |
|---|--|---|
| 3 | <input checked="" type="checkbox"/> 4201 | UPF Permit not obtained. HSC 117705; SDCC 68.905 |
| | <input type="checkbox"/> 4202 | Medical waste (MW) not separated from other waste at the point of origin. HSC 118275 |
| | <input type="checkbox"/> 4203 | Enclosure or designated accumulation area for MW containers not secured. HSC 118307, 118310 |
| | <input type="checkbox"/> 4204 | MW designated accumulation area not posted with an approved, legible biohazardous waste "warning sign" in English & Spanish which can be read from 25 ft. HSC 118310 |
| | <input type="checkbox"/> 4205 | Medical SOLID WASTE not secured to deny access to unauthorized persons. SDCC 68.1211 |
| | <input type="checkbox"/> 4206 | Spill of MW not properly cleaned up. HSC 118300 |
| | <input type="checkbox"/> 4207 | Sharps not stored in approved and properly marked sharps container. HSC 118285(a) & (d) |
| | <input type="checkbox"/> 4208 | Full sharps container not taped closed or tightly-lidded to preclude loss of contents. HSC 118285(b) |
| 6 | <input checked="" type="checkbox"/> 4209 | Primary containers accumulating MW not labeled with generator's name, address, and phone number. SDCC 68.1205 |
| | <input type="checkbox"/> 4210 | Medical waste not stored in approved and properly marked biohazard bags. HSC 118275(a) |
| | <input type="checkbox"/> 4211 | Biohazard bags not tied off to prevent leakage/expulsion of contents during handling and storage. HSC 118280(a) |
| | <input type="checkbox"/> 4212 | Biohazard bags not containerized in rigid, leak resistant, and covered containers or bins when placed for storage, handling, or transport. HSC 118280(b) |
| | <input type="checkbox"/> 4213 | Waste container/bin not labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD" on the lid and sides. HSC 118280(c) |
| | <input type="checkbox"/> 4214 | Reusable containers/bins for MW storage not kept clean and sanitary. HSC 118295, 118305 |
| | <input type="checkbox"/> 4215 | Frozen (0°C/32°F) biohazardous waste stored >90 days. HSC 118280(e)(2) |
| | <input type="checkbox"/> 4306 | Full sharps container stored >30 days at >0°C. HSC 118285(c) |
| | <input type="checkbox"/> 4307 | Biohazard bag waste stored >7 days at >0°C (for generators of >20lbs/month). HSC 118280(e)(1)(A) |
| | <input type="checkbox"/> 4308 | Biohazard bag waste stored >30 days at >0°C (for generators of <20lbs/month). HSC 118280(e)(1)(B) |
| | <input type="checkbox"/> 4219 | MW interim storage area not marked with warning sign or biohazard symbol legible from 5 ft. HSC 118307, 118310 |
| | <input type="checkbox"/> 4220 | MW interim storage area not properly secured. HSC 118307 |

TREATMENT AND DISPOSAL

- | | |
|-------------------------------|--|
| <input type="checkbox"/> 4251 | MW treated by unapproved method/procedure. HSC 118215 |
| <input type="checkbox"/> 4252 | Standardized written operating procedures for steam sterilization not available. HSC 118215(a)(2)(A) |
| <input type="checkbox"/> 4253 | Recording thermometer not calibrated annually. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> 4254 | No records of annual thermometer calibration checks onsite for at least the past 2 years. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> 4255 | Heat-sensitive tape/other approved method not used for each load treated onsite. HSC 118215(a)(2)(C) |
| <input type="checkbox"/> 4256 | Monthly biological indicator or other approved method not used to confirm proper disinfection. HSC 118215(a)(2)(D) |
| <input type="checkbox"/> 4257 | Onsite steam sterilization did not reach 121°C/250°F for 30 minutes. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> 4258 | Treatment records/logs of dates, time, and temperature not available for 2 years. HSC 118215(a)(2)(E) |
| <input type="checkbox"/> 4259 | Disposal of untreated MW to an unauthorized point. HSC 118340 |

TRANSPORTATION REQUIREMENTS

- | # | HMD | VIOLATION DESCRIPTION |
|---|-------------------------------|---|
| | <input type="checkbox"/> 4260 | Transportation of MW without State Hauler Registration, USPS or requirements of the DOT "Materials of Trade Exceptions." HSC 118025 |
| | <input type="checkbox"/> 4311 | Medical waste tracking documents/logs not in vehicle transporting medical waste. HSC 118040 |

SMALL QUANTITY GENERATORS ONLY

(<200 pounds of medical waste generated per month)

- | | |
|-------------------------------|---|
| <input type="checkbox"/> 4301 | Medical Waste Management Plan (MWMP) not submitted to HMD (initial/updates), if onsite treatment. HSC 117935 |
| <input type="checkbox"/> 4302 | Did not maintain and show proof of "onsite" medical waste treatment records for 3 years. HSC 117943 |
| <input type="checkbox"/> 4303 | Did not retain on file disposal receipts, tracking/shipping documents for medical waste shipped offsite for 3 years. HSC 117945 |
| <input type="checkbox"/> 4309 | MWMP or equivalent information not onsite (only for SQG doing onsite treatment or comply with pharmaceutical waste hauling exemption). HSC 117935, 118032 |

LARGE QUANTITY GENERATORS ONLY

(≥ 200 pounds of medical waste generated per month)

- | | | |
|---|--|--|
| 7 | <input checked="" type="checkbox"/> 4351 | MWMP not submitted to HMD (initial/updates). HSC 117960, 117970 |
| | <input type="checkbox"/> 4352 | Records of medical waste treatment not available for 2 years. HSC 117975, 118215(a)(2)(E) |
| | <input type="checkbox"/> 4353 | Did not make available disposal receipts, tracking/shipping documents for at least 2 years for medical waste shipped offsite. HSC 117975 |

CHEMOTHERAPY, PATHOLOGY, PHARMACEUTICAL HAZARDOUS & UNIVERSAL WASTES

- | | |
|----------------------------------|--|
| <input type="checkbox"/> 4401 | Trace Chemo waste not segregated from other MW. HSC 118275(a)(4) |
| <input type="checkbox"/> 4402 | Trace Chemo waste container not labeled "Chemotherapy Waste" or "CHEMO" on the lid and the sides. HSC 118275(a)(4) |
| <input type="checkbox"/> 4403 | Illegal disposal of chemo waste. HSC 118340 |
| <input type="checkbox"/> 4411 | Pathology waste not segregated from other MW. HSC 118275(a)(5) |
| <input type="checkbox"/> 4412 | Pathology waste container not labeled "Pathology Waste" or "PATH" on the lid and the sides. HSC 118275(a)(5) |
| <input type="checkbox"/> 4413 | Illegal disposal of pathology waste. HSC 118340 |
| <input type="checkbox"/> 4421 | Pharm waste not segregated from other MW. HSC 118275(a)(6) |
| <input type="checkbox"/> 4422 | Pharm waste not labeled "Incineration Only or HIGH HEAT" on the lid and the sides. HSC 118275(a)(6) |
| <input type="checkbox"/> 4423 | Pharm waste stored >90 days when container full, or stored longer than one year (maximum allowable time). HSC 118280(f) |
| <input type="checkbox"/> 4432 | Illegal disposal of pharm waste. HSC 118340, 118222(b) |
| <input type="checkbox"/> 4441 | Disposal of photo/hazwaste to an unauthorized point. HSC 25189.5 |
| <input type="checkbox"/> 3030046 | Failed to keep records of offsite universal waste shipment(s) available for inspection for 3 years. HSC 25185(a)(4); 22 CCR 66273.39(c),(d)(2) |
| <input type="checkbox"/> 3050003 | Disposed of universal waste to an unauthorized point. HSC 25189.5(a); 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a) |

LOG MW ONSITE TREATMENT FACILITY

(≥ 200 pounds of medical waste generated per month)

- | | |
|-------------------------------|--|
| <input type="checkbox"/> 4501 | Onsite MW treatment permit not obtained/renewed. HSC 117950, 118130, 65620, 65623 |
| <input type="checkbox"/> 4502 | Current copy of the MW treatment permit not available. HSC 65621(f), 65623, 118165, 118180 |
| <input type="checkbox"/> 4503 | Condition(s) of the MW treatment permit violated. HSC 65623 |



COUNTY OF SAN DIEGO

CORRECTIVE ACTION FORM TO DOCUMENT RETURN TO COMPLIANCE

FACILITY NAME: Crown Bioscience, Inc
 ADDRESS: 11011 TORREYANA RD 200 + 150
 CITY/ZIP: SAN DIEGO /92121-1104

INSPECTION DATE: 11/04/2015
 RECORD ID #: DEH2014-HUPFP-001150
 SPECIALIST: Kaelyn Malone
 INSPECTION CONTACT: Jayant Thatte, Ph.D
 TITLE: Director of Operations
 PHONE: (858) 622-2937
 E-MAIL: jthatte@crownbio.com

VIOL#	DATE CORRECTED	INDICATE HOW VIOLATIONS WERE CORRECTED (Attach Any Supporting Documentation)	DUE DATE
#1 HMD1001			11/14/2015
#2 3010001			11/14/2015
#3 HMD4201			11/14/2015
#4 1010001			12/04/2015
#5 1010002			12/04/2015
#6 HMD4209			12/04/2015
#7 HMD4351			12/04/2015
#8 3030007			12/04/2015

I certify under penalty of law that this facility has corrected all violations marked on the Compliance Inspection Report/Notice of Violation. I have personally examined and am familiar with the information submitted and believe the information is true, accurate and complete. I am authorized to file this certification for the facility, and am aware that there are significant penalties for submitting false information.

PRINTED NAME OF FACILITY REPRESENTATIVE	SIGNATURE	DATE SIGNED
TITLE OF FACILITY REPRESENTATIVE		

SEND COMPLETED FORM AND SUPPORTING DOCUMENTATION TO THE ADDRESS LISTED BELOW

COUNTY OF SAN DIEGO USE ONLY

REVIEWED BY: _____ DATE: _____

SPECIALIST'S COMMENTS:

- All violations noted on date listed above were corrected
- Based On Information Provided By The Facility
- Based On Field Verification By Specialist
- RTC entered by Specialist on: _____
- RTC entered by Office Assistant on: _____



COUNTY OF SAN DIEGO

CORRECTIVE ACTION FORM TO DOCUMENT RETURN TO COMPLIANCE

INSPECTION DATE: 11/04/2015
RECORD ID #: DEH2014-HUPFP-001150

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261

<http://www.sdcdeh.org> 858-505-6880





COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 11/04/2015
 RECORD ID #: DEH2014-HUPFP-001150
 TIME START: 9:30 AM END: 10:10 AM
 SPECIALIST: Kaelyn Malone
 INSPECTION CONTACT: Mark McCutchen
 TITLE: Chief Financial Officer
 PHONE: (858) 386-8415
 E-MAIL: mmcutchen@celula-inc.com

FACILITY NAME: Celula, Inc.
 ADDRESS: 11011 TORREYANA RD 200
 CITY/ZIP: SAN DIEGO /92121-1104

FACILITY REFERENCE DATA

ACCELA	CERS
RECORD STATUS: Permit Renewed	EPA ID NUMBER: CAL000397310
PERMIT EXPIRATION DATE: 02/29/2016	FACILITY CERS ID NUMBER: 10503748
BALANCE DUE: \$0.00	CERS LEAD USER: Chad Hansen
INSPECTOR: Kaelyn Malone	LAST CERS SUBMITTAL DATE: 10/15/2014
INSPECTION TYPE: Status Verification	ENVIRONMENTAL CONTACT EMAIL: bmercado@celula-inc.com
INSPECTION STATUS: Complete	ENVIRONMENTAL CONTACT PHONE: 8588758804

FACILITY INFORMATION

	YES	NO		YES	NO			
INACTIVATION INSPECTION:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	HAZARDOUS MATERIALS:	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
CHANGE OF OWNER:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HAZARDOUS WASTE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
CHANGE IN BUSINESS TYPE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ABOVEGROUND PETROLEUM STORAGE ACT:*	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
BUSINESS TYPE: Biomedical/Biotech-Not Large Manufacturer			TOTAL SHELL CAPACITY APSA:		0			
ISSUE INITIAL INVOICE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	UNDERGROUND STORAGE TANK:	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
ASSESS NON-NOTIFICATION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CALARP PROGRAM LEVEL:	1	2	3	<input checked="" type="checkbox"/>	N/A
ASSESS RE-INSPECTION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MEDICAL WASTE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
FACILITY SUBJECT TO BASE FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MW FACILITY GENERATING OVER 200 LBS PER MONTH:	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
FACILITY SUBJECT TO CUPA FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EPIC PARTICIPANT:	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
UPDATE FACILITY ADDRESS IN AA:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	NUMBER OF TLV GASES AT THE FACILITY:		0			

GENERATOR STATUS :

TIERED PERMIT LEVEL(S) :

PRIMARY BILLING CODE: Not Applicable SECONDARY BILLING CODE: Not Applicable TERTIARY BILLING CODE: Not Applicable

INSPECTION SCOPE:

HAZARDOUS MATERIALS: HAZARDOUS WASTE:

APSA: UST: CALARP:

MEDICAL WASTE: TIERED PERMITTING:

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT NAME: Mark McCutchen TITLE: Chief Financial Officer
 REFUSED TO SIGN

INSPECTION REPORT EMAILS:
 john.misleh@sdcounty.ca.gov,kaelyn.malone@sdcounty.ca.gov,alexis@occserv.com

RECORD COMMENT:
 Status verification conducted on 11/4/2015. Facility vacated on 10/16/2015. Manifests for hazardous materials were observed and reviewed. Celula, Inc will only have administrative offices at this location. Crown Biosciences assuming ownership of the suite and an initial inspection will have to be done to follow up. Okay to suspend this permit for Celula, Inc.



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: Celula, Inc.
 ADDRESS: 11011 TORREYANA RD 200
 CITY/ZIP: SAN DIEGO /92121-1104

INSPECTION DATE: 11/04/2015 PAGE 1 OF 2
 RECORD ID #: DEH2014-HUPFP-001150
 TIME START: 9:30 AM END: 10:10 AM
 SPECIALIST: Kaelyn Malone
 INSPECTION CONTACT: Mark McCutchen
 TITLE: Chief Financial Officer
 PHONE: (858) 386-8415
 E-MAIL: mmcutchen@celula-inc.com

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit Current	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contingency Plan Available <input type="checkbox"/> LQG <input type="checkbox"/> SQG
<input type="checkbox"/>	<input type="checkbox"/>	Hazardous Materials Business Plan Available	<input type="checkbox"/>	<input type="checkbox"/>	Employee Training Records Available
<input type="checkbox"/>	<input type="checkbox"/>	Employee Training is Adequate	<input type="checkbox"/>	<input type="checkbox"/>	Universal Waste Managed Properly
<input type="checkbox"/>	<input type="checkbox"/>	Waste Disposal Records Available for Review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers <input type="checkbox"/> Closed <input type="checkbox"/> Labeled
<input type="checkbox"/>	<input type="checkbox"/>	Emergency Contacts Current <input type="checkbox"/> Updated today	<input type="checkbox"/>	<input type="checkbox"/>	Waste Containers in Good Condition
<input type="checkbox"/>	<input type="checkbox"/>	Chemical Inventory/Map Current <input type="checkbox"/> Updated today			Permit Expires On <u>02/29/2016</u>

CONSENT TO CONDUCT INSPECTION GRANTED BY: Mark McCutchen

TITLE: Chief Financial Officer

INTRODUCTION:

Status verification conducted on 11/4/2015. Facility vacated on 10/16/2015. Hazardous waste manifests for the final hazardous materials pick up were observed and reviewed. Celula, Inc will only have administrative offices at this location. Crown Biosciences assuming ownership of the suite and an initial inspection will have to be done to follow up.

Okay to suspend this permit for Celula, Inc.

INSPECTION REMARKS:

Helpful Websites:

- For guidance documents on hazardous materials-related topics, go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS), go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations, go to: <http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails: <https://public.govdelivery.com/accounts/CASAND/subscriber/new>

If you have any questions regarding this inspection, please contact Kaelyn Malone ,619-884-5441, Kaelyn.Malone@sdcounty.ca.gov

INSPECTION PHOTOS

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE Mark McCutchen	SIGNATURE 	DATE SIGNED 11/04/2015
TITLE OF FACILITY REPRESENTATIVE Chief Financial Officer		



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 11/04/2015 PAGE 2 OF 2
RECORD ID #: DEH2014-HUPFP-001150

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (858) 505-6880 <http://www.sdcdeh.org>

Send to file:
DEH2014-HUPFP-001150

To: Malone
(Signature)



RECEIVED

OCT 20 2015

ENVIRONMENTAL
HEALTH

10/16/2015
Sent via: UPS

County of San Diego
Department of Environmental Health
P.O. Box 129261
San Diego, CA 92112-9261

Re: Cancel Unified Program Facility Permit

Dear Regulator;

Celula, Inc. has terminated laboratory operations 11011 Torreyana Road, Suite 200, San Diego, CA 92121. No hazardous or biohazardous wastes or hazardous or biohazardous materials remain on site. Please Inactivate UFPF #37-000-001150 (CERS #10503748).

Please contact me at (858) 875-8817 or via email at mark@celula-inc.com to schedule a site inspection appointment for this facility.

Thank you.

Sincerely,
Celula, Inc.

A handwritten signature in black ink, appearing to read "Mark McCutchen", with a horizontal line underneath it.

Mark McCutchen
CFO
Celula, Inc.
11011 Torreyana Road, Suite 200
San Diego, CA 92121
office (858) 875-8817
mobile (858) 386-8415
mark@celula-inc.com
mmccutchen



HAZAR WAS

STATE AND FEDERAL LAW PROHIBIT IMPROPER DISPOSAL
IF FOUND, CONTACT THE NEAREST POLICE OR PUBLIC SAFETY
AUTHORITY, OR THE U.S. ENVIRONMENTAL PROTECTION AGENCY
OR THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL

GENERATOR INFORMATION:
NAME: CROWN BIOSCIENCE SAN DIEGO
ADDRESS: 11011 TORREYANA RD
CITY: SAN DIEGO STATE: CA ZIP: 92121

CONTENTS COMPOSITION: 10% Formalin & Bleach
HAZARDOUS PROPERTIES: FLAMMABLE TOXIC
 CORROSIVE REACTIVITY

HANDLE WITH CARE

HAZARDOUS WASTE

STATE AND FEDERAL LAW PROHIBITS IMPROPER DISPOSAL
IF FOUND, CONTACT THE NEAREST POLICE OR PUBLIC SAFETY
AUTHORITY, OR THE U.S. ENVIRONMENTAL PROTECTION AGENCY
OR THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL

GENERATOR INFORMATION:
NAME: CROWN BIOSCIENCE SAN DIEGO
ADDRESS: 11011 TORREYANA RD
CITY: SAN DIEGO STATE: CA ZIP: 92121

CONTENTS COMPOSITION: 10% Formalin, H₂O, Ethanol
HAZARDOUS PROPERTIES: FLAMMABLE TOXIC
 CORROSIVE REACTIVITY OTHER

D.O.T. PROPER SHIPPING NAME AND UN OR NA NO. WITH PREFIX
HANDLE WITH CARE!

HAZAR WAS

FEDERAL LAW PROHIBITS IMPROPER DISPOSAL
IF FOUND, CONTACT THE NEAREST POLICE OR PUBLIC SAFETY
AUTHORITY, OR THE U.S. ENVIRONMENTAL PROTECTION AGENCY
OR THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL

GENERATOR INFORMATION:
NAME: CROWN BIOSCIENCE SAN DIEGO
ADDRESS: 11011 TORREYANA RD
CITY: SAN DIEGO STATE: CA ZIP: 92121

CONTENTS COMPOSITION: 10% Formalin & Bleach
HAZARDOUS PROPERTIES: FLAMMABLE TOXIC
 CORROSIVE REACTIVITY

HANDLE WITH CARE

11/04/2015 11:27



CLASS

F1ONCOLOGY, INC

07/15/2016

To whom it may concerns

This is to inform you that Crown Bioscience San Diego will be using the chemical hood in F1Oncology lab space to store their chemical waste and Crown Bioscience will be responsible for proper disposal of the waste and maintenance of the chemical hood,

If you have any questions please contact us,

Regards,

Farzad Haerizadeh

Farzad Haerizadeh, PhD
Senior Director, R&D

F1Oncology Inc.

11011 Torreyana Rd, San Diego, CA 92121
Main: 858-275-6280



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6880 FAX (858) 505-6848
<http://www.sdcdeh.org>



Medical Waste Management Plan

The San Diego County Department of Environmental Health, Hazardous Materials Division (HMD) is the local agency designated by the California Department of Public Health to implement the Medical Waste Management Act. This law governs the generation, handling, storage, transportation, treatment and disposal of medical waste to protect the public and the environment from potential infectious exposure to disease-causing agents.

The Medical Waste Management Plan (MWMP) is a document that describes the types and amount of medical waste generated at a specific location, and indicates how wastes are managed to ensure proper treatment and disposal. All Large Quantity Generators (LQGs) generating **≥200 pounds** of medical waste per month and Small Quantity Generators (SQGs) generating **<200 pounds** of medical waste per month that also treat their medical waste onsite, are required to submit their MWMP to the local enforcement agency. [Authority cited California Health and Safety Code § 117600 et seq.]

SQGs of medical waste that do not treat their medical waste onsite or do not transport waste under the Pharmaceutical Waste Hauling Exemptions, are not required to submit this form to the local enforcement agency; however are required for maintaining a document stating how they contain, store, treat, and dispose of any medical waste generated on file at their office. Completing a MWMP and keeping it at their office can satisfy this requirement. All uses of the Medical Waste Self-Haul and Pharmaceutical Waste Hauling Exemptions require recording and tracking documentation.

Attached is a blank MWMP form for your use. Please **complete, sign, and upload, as required above**, your MWMP to the "Locally-Required Documentation" of the "Hazardous Materials Inventory" section of your California Environmental Reporting System (CERS) facility. Retain a copy for your records and inspection review. If there are changes in any of the information on your MWMP, submit a revised form in CERS within 30 days of changes. Annual submittal of the MWMP is not required.

Additional information about CERS can be found at the following website:
http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html

If you have any questions, please contact your area inspector or the Hazardous Materials Division Duty Desk at (858) 505-6880.

Attachment

"Environmental and public health through leadership, partnership and science"

MEDICAL WASTE – DEFINITION OF TERMS

MEDICAL WASTE means biohazardous, pathology, pharmaceutical, or trace chemotherapy waste not regulated by the federal Resource Conservation and Recovery Act; sharps and trace chemotherapy wastes generated in a health care setting in the diagnosis, treatment, immunization, or care of humans or animals; waste generated in autopsy or necropsy; waste generated during preparation of a body for final disposition such as cremation or interment; waste generated in research pertaining to the production or testing of microbiologicals; waste generated in research using human or animal pathogens; sharps and laboratory waste that poses a potential risk of infection to humans generated in the inoculation of animals in commercial farming operations; waste generated from the consolidation of home-generated sharps; and waste generated in the cleanup of trauma scenes.

BIOHAZARDOUS WASTE means all of the following (A-D):

(A) (i) Regulated medical waste, clinical waste, or biomedical waste that is a waste or reusable material derived from the medical treatment of a human or from an animal that is suspected by the attending veterinarian of being infected with a pathogen that is also infectious to humans, which includes diagnosis and immunization; or from biomedical research, which includes the production and testing of biological products.

(ii) Regulated medical waste or clinical waste or biomedical waste suspected of containing a highly communicable disease.

(B) Laboratory waste such as human specimen cultures or animal specimen cultures that are infected with pathogens that are also infectious to humans; cultures and stocks of infectious agents from research; wastes from the production of bacteria, viruses, spores, discarded live and attenuated vaccines used in human health care or research, discarded animal vaccines, including Brucellosis and Contagious Ecthyma, as defined by the department; culture dishes, devices used to transfer, inoculate, and mix cultures; and wastes identified by Section 173.134 of Title 49 of the Code of Federal Regulations as Category B “once wasted” for laboratory wastes.

(C) Waste that, at the point of transport from the generator’s site or at the point of disposal contains recognizable fluid human blood, fluid human blood products, containers, or equipment containing human blood that is fluid, or blood from animals suspected by the attending veterinarian of being contaminated with infectious agents known to be contagious to humans.

(D) Waste containing discarded materials contaminated with excretion, exudate, or secretions from humans or animals that are required to be isolated by the infection control staff, the attending physician and surgeon, the attending veterinarian, or the local health officer, to protect others from highly communicable diseases or diseases of animals that are communicable to humans.

SHARPS CONTAINERS means a rigid puncture-resistant container used in patient care or research activities meeting the standards of, and receiving approval from the United States Food and Drug Administration as a medical device used for the collection of discarded medical needles or other sharps.

“BIOHAZARD BAG” means a disposable film bag that is impervious to moisture. The film bags that are used for transport shall be marked and certified by the manufacturer as having passed the tests prescribed for tear resistance in the American Society for Testing Materials (ASTM) D1922, “Standard Test Method for Propagation Tear Resistance of Plastic Film and Thin Sheeting by Pendulum Method” and for impact resistance in ASTM D 1709, “Standard Test Methods for Impact Resistance of Plastic Film by the Free-Falling Dart Method,” as those documents were published in January 1, 2014. The film bag shall meet an impact resistance of 165 grams and a tearing resistance of 480 grams in both parallel and perpendicular planes with respect to the length of the bag. The color of the bag shall be red; except when yellow bags are used to further segregate trace chemotherapy waste and white bags are used to further segregate pathology waste.

STORAGE AREA WARNING SIGN is: A sign posted at a designated accumulation area, visible for 25 feet, used to store medical waste which must read in English, “CAUTION—BIOHAZARDOUS WASTE STORAGE AREA—UNAUTHORIZED PERSONS KEEP OUT” and in Spanish, “CUIDADO-ZONA DE RESIDUOS—BIOLOGICOS PELIGROSOS—PROHIBIDA LA ENTRADA A PERSONAS NO AUTORIZADAS” or in another language determined to be appropriate. Intermediate storage areas shall be marked with the international biohazardous symbol or the signage noted above. These warning signs shall be readily legible from a distance of five feet.

PHARMACEUTICAL WASTE (a) means a pharmaceutical, as defined in Section 117747, including trace chemotherapy waste, that is a waste, as defined in Section 25124. (b) For purposes of this part, “pharmaceutical waste” does not include any pharmaceutical that meets either of the following criteria:

(1) The pharmaceutical is being sent out of the State of California to a reverse distributor, as defined in Section 4040.5 of the Business and Professions Code, that is licensed as a wholesaler of dangerous drugs by the California State Board of Pharmacy pursuant to Section 4161 of the Business and Professions Code.

(2) The pharmaceutical is being sent by a reverse distributor, as defined in Section 4040.5 of the Business and Professions Code, offsite for treatment and disposal in accordance with applicable laws, or to a reverse distributor that is licensed as a wholesaler of dangerous drugs by the California State Board of Pharmacy pursuant to Section 4160 of the Business and Professions Code and as a permitted transfer station if the reverse distributor is located within the State of California.



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6880 FAX (858) 505-6848
<http://www.sdcdeh.org>



Medical Waste Management Plan

Facility Information	
Business Name Crown Bioscience San Diego	Unified Program Facility Permit #
Type of Business Contract Research Organization	Date 26 July 2016
Street Address 11011 Torreyana Rd. Suite 200	City/ZIP San Diego / 92121
Person Responsible for implementing the Medical Waste Management Plan (MWMP)	
Name Shoana Sikorski	
Title Lab Supervisor	Phone 619-347-7218
Types of medical wastes (MW) generated	
<input checked="" type="checkbox"/> MW Sharps - e.g., needles, blades, scalpels, or broken glass or syringes contaminated with biohazardous waste. (human or animal) Estimated monthly amount <u>50</u> lbs	<input type="checkbox"/> Blood or blood products - liquid blood or blood products, or other regulated body fluids, or articles contaminated with liquid blood or body fluids. Estimated monthly amount _____ lbs
<input checked="" type="checkbox"/> Laboratory wastes – infectious specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, biologicals, and culture media. Estimated monthly amount <u>50</u> lbs	<input type="checkbox"/> Pathology waste – human or animal tissues suspected to be infectious to humans Estimated monthly amount _____ lbs
<input checked="" type="checkbox"/> Liquid or semi-liquid biohazardous laboratory waste - treated on site by chemical disinfection* and discharged to sewer. Estimated monthly amount <u>50</u> lbs	<input type="checkbox"/> Isolation waste - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases. Estimated monthly amount _____ lbs
<input checked="" type="checkbox"/> Trace chemotherapeutic waste Estimated monthly amount <u>10</u> lbs	<input checked="" type="checkbox"/> Contaminated animals w/Highly communicable animal carcasses, body parts, tissues or fluids suspected to be contaminated by agents which are contagious. Estimated monthly amount <u>50</u> lbs
<input type="checkbox"/> California-regulated pharmaceutical waste (non-RCRA, non-radioactive) Estimated monthly amount _____ lbs	<input type="checkbox"/> Other (specify): _____ Estimated monthly amount _____ lbs
Estimate of <u>TOTAL</u> monthly medical waste for generator classification: <u>210</u> lbs	
Estimate of other monthly medical wastes (does not count towards generator class):	
<input type="checkbox"/> Home Generated MW Sharps Estimated Monthly Amount _____ lbs.	<input type="checkbox"/> Home Generated Pharmaceutical Waste Estimated monthly amount _____ lbs.
ONSITE MEDICAL WASTE TREATMENT ONLY: Method & capacity of medical waste treatment <i>if performed onsite</i> :	
<input type="checkbox"/> Steam Autoclaving <input type="checkbox"/> Other state approved alternative technology (specify below): _____	
Treatment records must be maintained for three years for small quantity generators, and maintained two years for large quantity generators. (HSC§117943; HSC§117975)	


*Per HSC §118215(c), for liquid or semi-liquid biohazardous laboratory waste (§117690(b)(1)(B)), the treatment method must be recognized by the NIH, the CDC, or the American Biological Safety Association. If the chemical disinfection of the medical waste causes the waste to become a hazardous waste, the waste shall be managed in accordance with the requirements of HSC Chapter 6.5 (commencing with §25100) of Division 20.

Medical Waste Management Plan

The following requirements apply to LQGs (HSC§117960), and SQGs that treat MW on-site, or use the Pharmaceutical Waste Hauling Exemption. (HSC§118032)

Emergency Action Plan

This plan is to be followed to ensure the proper disposal of medical waste, including controlled substances in compliance with DEA, approved incineration of pharmaceutical and trace chemotherapy in the event of a natural disaster, spill, treatment system break down, power failure, etc., and closure plan at termination (600 characters max. for WORD interactive form - use additional sheets if necessary). (LQG HSC§117960(h); SQG HSC§117935).

Registered hazardous waste hauler/common carrier used to remove untreated medical waste (if applicable)	
Primary Hauler Name Stericycle	Phone # (858) 684-3535
Street Address 9855 Distribution Ave. Ste 110	City/ZIP San Diego / 92121
Contact Person Daniel Montoya	Contact Phone # (858) 684-3535
Offsite treatment facility to which medical waste is transported (if applicable)	
Facility Name	Phone #
Street Address	City/ZIP
Contact Person	Contact Phone #
<u>Pharmaceutical Waste Categorization</u> If applicable, the steps taken to categorize the pharmaceutical wastes generated at the facility to ensure that the wastes are properly disposed of as follows: (1) Pharmaceutical wastes classified by the federal Drug Enforcement Administration (DEA) as "controlled substances" are disposed of in compliance with DEA requirements. (2) <u>The name and business address of the registered hazardous waste hauler used by the generator to have wastes that are not regulated pursuant to the federal Resource Conservation and Recovery Act of 1976 and nonradioactive pharmaceutical wastes regulated as medical waste safely removed for treatment in compliance with subdivision (b) of Section 118222 as waste requiring specific methods.</u> (LQG:HSC§117960(i); SQG:HSC§117935(i))	
<u>Closure Plan</u> A closure plan for the termination of treatment at the facility using, at a minimum, one of the methods of decontamination specified in subdivision (a) or (b) of Section 118295, thereby rendering the property to an acceptable sanitary condition following the completion of treatment services at the site. (LQG: HSC§117960(j); SQG: HSC§117935(j))	
<i>I hereby certify to the best of my knowledge and believe the statements made herein are correct and accurate.</i>	
Name Andrew Calinisan	
Title Research Associate III	
Signature 	Date 26 July 2016

F1ONCOLOGY, INC

07/15/2016

To whom it may concerns

This is to inform you that Crown Bioscience San Diego will be using the chemical hood in F1Oncology lab space to store their chemical waste and Crown Bioscience will be responsible for proper disposal of the waste and maintenance of the chemical hood,

If you have any questions please contact us,

Regards,

Farzad Haerizadeh

Farzad Haerizadeh, PhD
Senior Director, R&D

F1Oncology Inc.

11011 Torreyana Rd, San Diego, CA 92121
Main: 858-275-6280



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 10/10/2016

RECORD ID #: DEH2014-HUPFP-001150

TIME START: 2:00 PM END: 4:00 PM

SPECIALIST: Anastasiya Irkhin

INSPECTION CONTACT: Andrew Calinisan

TITLE: Research Associate III

PHONE: (858) 717-4218

E-MAIL: acalinisan@crownbio.com

FACILITY NAME: Crown Bioscience San Diego
 ADDRESS: 11011 TORREYANA RD 200
 CITY/ZIP: SAN DIEGO /92121-1104

FACILITY REFERENCE DATA

ACCELA

RECORD STATUS: Permit Renewed
 PERMIT EXPIRATION DATE: 09/30/2017
 BALANCE DUE: \$0.00
 INSPECTOR: Anastasiya Irkhin
 INSPECTION TYPE: Routine
 INSPECTION STATUS: Complete

CERS

EPA ID NUMBER: CAL000406828
 FACILITY CERS ID NUMBER: 10503748
 CERS LEAD USER: Andrew Calinisan
 LAST CERS SUBMITTAL DATE: 07/28/2016
 ENVIRONMENTAL CONTACT EMAIL: acalinisan@crownbio.com
 ENVIRONMENTAL CONTACT PHONE: 858-717-4218

FACILITY INFORMATION

	YES	NO		YES	NO
INACTIVATION INSPECTION:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HAZARDOUS MATERIALS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CHANGE OF OWNER:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HAZARDOUS WASTE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CHANGE IN BUSINESS TYPE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ABOVEGROUND PETROLEUM STORAGE ACT*:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS TYPE: <u>Biomedical/Biotech-Not Large Manufacturer</u>			TOTAL SHELL CAPACITY APSA:		<u>0</u>
ISSUE INITIAL INVOICE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	UNDERGROUND STORAGE TANK:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS NON-NOTIFICATION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CALARP PROGRAM (CERS):	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS RE-INSPECTION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CALARP PROGRAM LEVEL:	<input type="checkbox"/> 1	<input type="checkbox"/> 2
FACILITY SUBJECT TO BASE FEE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MEDICAL WASTE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
FACILITY SUBJECT TO CUPA FEE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MW FACILITY GENERATING OVER 200 LBS PER MONTH:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
UPDATE FACILITY ADDRESS IN AA:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EPIC PARTICIPANT:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			NUMBER OF TLV GASES AT THE FACILITY:		<u>0</u>

HW GENERATOR STATUS :

TIERED PERMIT LEVEL(S) :

PRIMARY BILLING CODE: General Medical Waste SECONDARY BILLING CODE: Not Applicable TERTIARY BILLING CODE: Not Applicable

INSPECTION SCOPE:

HAZARDOUS MATERIALS: HAZARDOUS WASTE:

MEDICAL WASTE: CALARP: 1 2 3

 TIERED PERMITTING:

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT NAME: Andrew Calinisan TITLE: Research Associate III

REMOVE BLANK CHECKLISTS FROM FINAL INSPECTION REPORT REFUSED TO SIGN

INSPECTION REPORT EMAILS:
Anastasiya.Irkhin@sdcounty.ca.gov, Kelly.Robertson@sdcounty.ca.gov

RECORD COMMENT:
LQMW inspection completed 10/10/2016



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: Crown Bioscience San Diego
 ADDRESS: 11011 TORREYANA RD 200
 CITY/ZIP: SAN DIEGO /92121-1104

INSPECTION DATE: 10/10/2016 PAGE 1 OF 3
 RECORD ID #: DEH2014-HUPFP-001150
 TIME START: 2:00 PM END: 4:00 PM
 SPECIALIST: Anastasiya Irkhin
 INSPECTION CONTACT: Andrew Calinisan
 TITLE: Research Associate III
 PHONE: (858) 717-4218
 E-MAIL: acalinisan@crownbio.com

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit Current	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contingency Plan Available <input type="checkbox"/> LQG <input checked="" type="checkbox"/> SQG
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hazardous Materials Business Plan Available	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training Records Available
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training is Adequate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Universal Waste Managed Properly
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Disposal Records Available for Review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers <input checked="" type="checkbox"/> Closed <input checked="" type="checkbox"/> Labeled
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Emergency Contacts Current <input type="checkbox"/> Updated today	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers in Good Condition
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Inventory/Map Current <input type="checkbox"/> Updated today			Permit Expires On <u>09/30/2017</u>

CONSENT TO CONDUCT INSPECTION GRANTED BY: Andrew Calinisan

TITLE: Research Associate III

INTRODUCTION:

Today a Certified Unified Program Agency (CUPA) inspection was completed at Crown Bioscience Inc. to verify compliance with medical waste regulations. At the time of inspection this facility is a large quantity medical waste generator.

This facility conducts contract cancer research on-site.

INSPECTION REMARKS:

Observed during the walk-through were the following medical wastes:

- sharps waste
- red bag waste

Medical waste disposal documents were on-site and reviewed during inspection. Pick-ups are weekly at this location, per disposal documents.

Medical Waste Management Plan was uploaded in the California Environmental Reporting System (CERS).

Medical waste accumulation area was secured with appropriate sign posted.

Helpful Websites:

- For guidance documents on hazardous materials-related topics, go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS), go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations, go to: <http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails: <https://public.govdelivery.com/accounts/CASAND/subscriber/new>



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 10/10/2016 PAGE 2 OF 3
RECORD ID #: DEH2014-HUPFP-001150

If you have any questions regarding this inspection, please contact Anastasiya Irkhin, 858-518-7388,
Anastasiya.Irkhin@sdcounty.ca.gov

INSPECTION PHOTOS

None

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE Andrew Calinisan	SIGNATURE 	DATE SIGNED 10/10/2016
TITLE OF FACILITY REPRESENTATIVE Research Associate III		

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (858) 505-6880 <http://www.sdcdeh.org>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Medical Waste Generators

INSPECTION DATE: 10/10/2016 PAGE 3 OF 3
 RECORD ID #: DEH2014-HUPFP-001150

FACILITY NAME: * Crown Bioscience San Diego
 ADDRESS: * 11011 TORREYANA RD 200 CITY/ZIP: * SAN DIEGO 92121-1104

Each violation checked below is for the section(s) of the California health and Safety Code (HSC), California Code of Regulation (CCR), or the San Diego County Code (SDCC) indicated in italics. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. UPF = Unified Program Facility; MW = Medical Waste; USPS = United States Postal Service; DOT = Department of Transportation

STORAGE AND LABELING

- | # | HMD | VIOLATION DESCRIPTION |
|--------------------------|------|---|
| <input type="checkbox"/> | 4201 | UPF Permit not obtained. HSC 117705; SDCC 68.905, 68.1202 |
| <input type="checkbox"/> | 4202 | Medical waste (MW) not separated from other waste at the point of origin. HSC 118275 |
| <input type="checkbox"/> | 4203 | Enclosure or designated accumulation area for MW containers not secured. HSC 118307, 118310 |
| <input type="checkbox"/> | 4204 | MW designated accumulation area not posted with an approved, legible biohazardous waste "warning sign" in English & Spanish which can be read from 25 ft. HSC 118310 |
| <input type="checkbox"/> | 4205 | Medical SOLID WASTE not secured to deny access to unauthorized persons. SDCC 68.1211 |
| <input type="checkbox"/> | 4206 | Spill of MW not properly cleaned up. HSC 118300 |
| <input type="checkbox"/> | 4207 | Sharps not stored in approved and properly marked sharps container. HSC 118285(a) & (d) |
| <input type="checkbox"/> | 4208 | Full sharps container not taped closed or tightly-lidded to preclude loss of contents. HSC 118285(b) |
| <input type="checkbox"/> | 4209 | Primary containers accumulating MW not labeled with generator's name, address, and phone number. SDCC 68.1205 |
| <input type="checkbox"/> | 4210 | Medical waste not stored in approved and properly marked biohazard bags. HSC 118275(a) |
| <input type="checkbox"/> | 4211 | Biohazard bags not tied off to prevent leakage/expulsion of contents during handling and storage. HSC 118280(a) |
| <input type="checkbox"/> | 4212 | Biohazard bags not containerized in rigid, leak resistant, and covered containers or bins when placed for storage, handling, or transport. HSC 118280(b) |
| <input type="checkbox"/> | 4213 | Waste container/bin not labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD" on the lid and sides. HSC 118280(c) |
| <input type="checkbox"/> | 4214 | Reusable containers/bins for MW storage not kept clean and sanitary. HSC 118295, 118305 |
| <input type="checkbox"/> | 4215 | Frozen (0°C/32°F) biohazardous waste stored >90 days. HSC 118280(e)(2) |
| <input type="checkbox"/> | 4306 | Full sharps container stored >30 days at >0°C. HSC 118285(c) |
| <input type="checkbox"/> | 4307 | Biohazard bag waste stored >7 days at >0°C (for generators of >20lbs/month). HSC 118280(e)(1)(A) |
| <input type="checkbox"/> | 4308 | Biohazard bag waste stored >30 days at >0°C (for generators of <20lbs/month). HSC 118280(e)(1)(B) |
| <input type="checkbox"/> | 4219 | MW interim storage area not marked with warning sign or biohazard symbol legible from 5 ft. HSC 118307, 118310 |
| <input type="checkbox"/> | 4220 | MW interim storage area not properly secured. HSC 118307 |

TREATMENT AND DISPOSAL

- | | | |
|--------------------------|------|--|
| <input type="checkbox"/> | 4251 | MW treated by unapproved method/procedure. HSC 118215 |
| <input type="checkbox"/> | 4252 | Standardized written operating procedures for steam sterilization not available. HSC 118215(a)(2)(A) |
| <input type="checkbox"/> | 4253 | Recording thermometer not calibrated annually. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> | 4254 | No records of annual thermometer calibration checks onsite for at least the past 2 years. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> | 4255 | Heat-sensitive tape/other approved method not used for each load treated onsite. HSC 118215(a)(2)(C) |
| <input type="checkbox"/> | 4256 | Monthly biological indicator or other approved method not used to confirm proper disinfection. HSC 118215(a)(2)(D) |
| <input type="checkbox"/> | 4257 | Onsite steam sterilization did not reach 121°C/250°F for 30 minutes. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> | 4258 | Treatment records/logs of dates, time, and temperature not available for 2 years. HSC 118215(a)(2)(E) |
| <input type="checkbox"/> | 4259 | Disposal of untreated MW to an unauthorized point. HSC 118340 |

TRANSPORTATION REQUIREMENTS

- | # | HMD | VIOLATION DESCRIPTION |
|--------------------------|------|---|
| <input type="checkbox"/> | 4260 | Transportation of MW without State Hauler Registration, USPS or requirements of the DOT "Materials of Trade Exceptions." HSC 118025 |
| <input type="checkbox"/> | 4311 | Medical waste tracking documents/logs not in vehicle transporting medical waste. HSC 118040 |

SMALL QUANTITY GENERATORS ONLY

(<200 pounds of medical waste generated per month)

- | | | |
|--------------------------|------|---|
| <input type="checkbox"/> | 4301 | Medical Waste Management Plan (MWMP) not submitted to HMD (initial/updates), if onsite treatment. HSC 117935 |
| <input type="checkbox"/> | 4302 | Did not maintain and show proof of "onsite" medical waste treatment records for 3 years. HSC 117943 |
| <input type="checkbox"/> | 4303 | Did not retain on file disposal receipts, tracking/shipping documents for medical waste shipped offsite for 3 years. HSC 117945 |
| <input type="checkbox"/> | 4309 | MWMP or equivalent information not onsite (only for SQG doing onsite treatment or comply with pharmaceutical waste hauling exemption). HSC 117935, 118032 |

LARGE QUANTITY GENERATORS ONLY

(≥ 200 pounds of medical waste generated per month)

- | | | |
|--------------------------|------|--|
| <input type="checkbox"/> | 4351 | MWMP not submitted to HMD (initial/updates). HSC 117960, 117970 |
| <input type="checkbox"/> | 4352 | Records of medical waste treatment not available for 2 years. HSC 117975, 118215(a)(2)(E) |
| <input type="checkbox"/> | 4353 | Did not make available disposal receipts, tracking/shipping documents for at least 2 years for medical waste shipped offsite. HSC 117975 |

CHEMOTHERAPY, PATHOLOGY, PHARMACEUTICAL HAZARDOUS & UNIVERSAL WASTES

- | | | |
|--------------------------|---------|--|
| <input type="checkbox"/> | 4401 | Trace Chemo waste not segregated from other MW. HSC 118275(a)(4) |
| <input type="checkbox"/> | 4402 | Trace Chemo waste container not labeled "Chemotherapy Waste" or "CHEMO" on the lid and the sides. HSC 118275(a)(4) |
| <input type="checkbox"/> | 4403 | Illegal disposal of chemo waste. HSC 118340 |
| <input type="checkbox"/> | 4411 | Pathology waste not segregated from other MW. HSC 118275(a)(5) |
| <input type="checkbox"/> | 4412 | Pathology waste container not labeled "Pathology Waste" or "PATH" on the lid and the sides. HSC 118275(a)(5) |
| <input type="checkbox"/> | 4413 | Illegal disposal of pathology waste. HSC 118340 |
| <input type="checkbox"/> | 4421 | Pharm waste not segregated from other MW. HSC 118275(a)(6) |
| <input type="checkbox"/> | 4422 | Pharm waste not labeled "Incineration Only or HIGH HEAT" on the lid and the sides. HSC 118275(a)(6) |
| <input type="checkbox"/> | 4423 | Pharm waste stored >90 days when container full, or stored longer than one year (maximum allowable time). HSC 118280(f) |
| <input type="checkbox"/> | 4432 | Illegal disposal of pharm waste. HSC 118340, 118222(b) |
| <input type="checkbox"/> | 4441 | Disposal of photo/hazwaste to an unauthorized point. HSC 25189.5 |
| <input type="checkbox"/> | 3030046 | Failed to keep records of offsite universal waste shipment(s) available for inspection for 3 years. HSC 25185(a)(4); 22 CCR 66273.39(c),(d)(2) |
| <input type="checkbox"/> | 3050003 | Disposed of universal waste to an unauthorized point. HSC 25189.5(a); 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a) |

LOG MW ONSITE TREATMENT FACILITY

(≥ 200 pounds of medical waste generated per month)

- | | | |
|--------------------------|------|--|
| <input type="checkbox"/> | 4501 | Onsite MW treatment permit not obtained/renewed. HSC 117950, 118130, 65620, 65623 |
| <input type="checkbox"/> | 4502 | Current copy of the MW treatment permit not available. HSC 65621(f), 65623, 118165, 118180 |
| <input type="checkbox"/> | 4503 | Condition(s) of the MW treatment permit violated. HSC 65623 |



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6880 FAX (858) 505-6848
<http://www.sdcdeh.org>



Medical Waste Management Plan

The San Diego County Department of Environmental Health, Hazardous Materials Division (HMD) is the local agency designated by the California Department of Public Health to implement the Medical Waste Management Act. This law governs the generation, handling, storage, transportation, treatment and disposal of medical waste to protect the public and the environment from potential infectious exposure to disease-causing agents.

The Medical Waste Management Plan (MWMP) is a document that describes the types and amount of medical waste generated at a specific location, and indicates how wastes are managed to ensure proper treatment and disposal. All Large Quantity Generators (LQGs) generating **≥200 pounds** of medical waste per month and Small Quantity Generators (SQGs) generating **<200 pounds** of medical waste per month that also treat their medical waste onsite, are required to submit their MWMP to the local enforcement agency. [Authority cited California Health and Safety Code § 117600 et seq.]

SQGs of medical waste that do not treat their medical waste onsite or do not transport waste under the Pharmaceutical Waste Hauling Exemptions, are not required to submit this form to the local enforcement agency; however are required for maintaining a document stating how they contain, store, treat, and dispose of any medical waste generated on file at their office. Completing a MWMP and keeping it at their office can satisfy this requirement. All uses of the Medical Waste Self-Haul and Pharmaceutical Waste Hauling Exemptions require recording and tracking documentation.

Attached is a blank MWMP form for your use. Please **complete, sign, and upload, as required above**, your MWMP to the "Locally-Required Documentation" of the "Hazardous Materials Inventory" section of your California Environmental Reporting System (CERS) facility. Retain a copy for your records and inspection review. If there are changes in any of the information on your MWMP, submit a revised form in CERS within 30 days of changes. Annual submittal of the MWMP is not required.

Additional information about CERS can be found at the following website:
http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html

If you have any questions, please contact your area inspector or the Hazardous Materials Division Duty Desk at (858) 505-6880.

Attachment

"Environmental and public health through leadership, partnership and science"

MEDICAL WASTE – DEFINITION OF TERMS

MEDICAL WASTE means biohazardous, pathology, pharmaceutical, or trace chemotherapy waste not regulated by the federal Resource Conservation and Recovery Act; sharps and trace chemotherapy wastes generated in a health care setting in the diagnosis, treatment, immunization, or care of humans or animals; waste generated in autopsy or necropsy; waste generated during preparation of a body for final disposition such as cremation or interment; waste generated in research pertaining to the production or testing of microbiologicals; waste generated in research using human or animal pathogens; sharps and laboratory waste that poses a potential risk of infection to humans generated in the inoculation of animals in commercial farming operations; waste generated from the consolidation of home-generated sharps; and waste generated in the cleanup of trauma scenes.

BIOHAZARDOUS WASTE means all of the following (A-D):

(A) (i) Regulated medical waste, clinical waste, or biomedical waste that is a waste or reusable material derived from the medical treatment of a human or from an animal that is suspected by the attending veterinarian of being infected with a pathogen that is also infectious to humans, which includes diagnosis and immunization; or from biomedical research, which includes the production and testing of biological products.

(ii) Regulated medical waste or clinical waste or biomedical waste suspected of containing a highly communicable disease.

(B) Laboratory waste such as human specimen cultures or animal specimen cultures that are infected with pathogens that are also infectious to humans; cultures and stocks of infectious agents from research; wastes from the production of bacteria, viruses, spores, discarded live and attenuated vaccines used in human health care or research, discarded animal vaccines, including Brucellosis and Contagious Ecthyma, as defined by the department; culture dishes, devices used to transfer, inoculate, and mix cultures; and wastes identified by Section 173.134 of Title 49 of the Code of Federal Regulations as Category B “once wasted” for laboratory wastes.

(C) Waste that, at the point of transport from the generator’s site or at the point of disposal contains recognizable fluid human blood, fluid human blood products, containers, or equipment containing human blood that is fluid, or blood from animals suspected by the attending veterinarian of being contaminated with infectious agents known to be contagious to humans.

(D) Waste containing discarded materials contaminated with excretion, exudate, or secretions from humans or animals that are required to be isolated by the infection control staff, the attending physician and surgeon, the attending veterinarian, or the local health officer, to protect others from highly communicable diseases or diseases of animals that are communicable to humans.

SHARPS CONTAINERS means a rigid puncture-resistant container used in patient care or research activities meeting the standards of, and receiving approval from the United States Food and Drug Administration as a medical device used for the collection of discarded medical needles or other sharps.

“BIOHAZARD BAG” means a disposable film bag that is impervious to moisture. The film bags that are used for transport shall be marked and certified by the manufacturer as having passed the tests prescribed for tear resistance in the American Society for Testing Materials (ASTM) D1922, “Standard Test Method for Propagation Tear Resistance of Plastic Film and Thin Sheeting by Pendulum Method” and for impact resistance in ASTM D 1709, “Standard Test Methods for Impact Resistance of Plastic Film by the Free-Falling Dart Method,” as those documents were published in January 1, 2014. The film bag shall meet an impact resistance of 165 grams and a tearing resistance of 480 grams in both parallel and perpendicular planes with respect to the length of the bag. The color of the bag shall be red; except when yellow bags are used to further segregate trace chemotherapy waste and white bags are used to further segregate pathology waste.

STORAGE AREA WARNING SIGN is: A sign posted at a designated accumulation area, visible for 25 feet, used to store medical waste which must read in English, “CAUTION—BIOHAZARDOUS WASTE STORAGE AREA—UNAUTHORIZED PERSONS KEEP OUT” and in Spanish, “CUIDADO-ZONA DE RESIDUOS—BIOLOGICOS PELIGROSOS—PROHIBIDA LA ENTRADA A PERSONAS NO AUTORIZADAS” or in another language determined to be appropriate. Intermediate storage areas shall be marked with the international biohazardous symbol or the signage noted above. These warning signs shall be readily legible from a distance of five feet.

PHARMACEUTICAL WASTE (a) means a pharmaceutical, as defined in Section 117747, including trace chemotherapy waste, that is a waste, as defined in Section 25124. (b) For purposes of this part, “pharmaceutical waste” does not include any pharmaceutical that meets either of the following criteria:

(1) The pharmaceutical is being sent out of the State of California to a reverse distributor, as defined in Section 4040.5 of the Business and Professions Code, that is licensed as a wholesaler of dangerous drugs by the California State Board of Pharmacy pursuant to Section 4161 of the Business and Professions Code.

(2) The pharmaceutical is being sent by a reverse distributor, as defined in Section 4040.5 of the Business and Professions Code, offsite for treatment and disposal in accordance with applicable laws, or to a reverse distributor that is licensed as a wholesaler of dangerous drugs by the California State Board of Pharmacy pursuant to Section 4160 of the Business and Professions Code and as a permitted transfer station if the reverse distributor is located within the State of California.



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6880 FAX (858) 505-6848
<http://www.sdcdeh.org>



Medical Waste Management Plan

Facility Information	
Business Name Crown Bioscience San Diego	Unified Program Facility Permit #
Type of Business Contract Research Organization	Date 26 July 2016
Street Address 11011 Torreyana Rd. Suite 200	City/ZIP San Diego / 92121
Person Responsible for implementing the Medical Waste Management Plan (MWMP)	
Name Shoana Sikorski	
Title Lab Supervisor	Phone 619-347-7218
Types of medical wastes (MW) generated	
<input checked="" type="checkbox"/> MW Sharps - e.g., needles, blades, scalpels, or broken glass or syringes contaminated with biohazardous waste. (human or animal) Estimated monthly amount <u>50</u> lbs	<input type="checkbox"/> Blood or blood products - liquid blood or blood products, or other regulated body fluids, or articles contaminated with liquid blood or body fluids. Estimated monthly amount _____ lbs
<input checked="" type="checkbox"/> Laboratory wastes – infectious specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, biologicals, and culture media. Estimated monthly amount <u>50</u> lbs	<input type="checkbox"/> Pathology waste – human or animal tissues suspected to be infectious to humans Estimated monthly amount _____ lbs
<input checked="" type="checkbox"/> Liquid or semi-liquid biohazardous laboratory waste - treated on site by chemical disinfection* and discharged to sewer. Estimated monthly amount <u>50</u> lbs	<input type="checkbox"/> Isolation waste - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases. Estimated monthly amount _____ lbs
<input checked="" type="checkbox"/> Trace chemotherapeutic waste Estimated monthly amount <u>10</u> lbs	<input checked="" type="checkbox"/> Contaminated animals w/Highly communicable animal carcasses, body parts, tissues or fluids suspected to be contaminated by agents which are contagious. Estimated monthly amount <u>50</u> lbs
<input type="checkbox"/> California-regulated pharmaceutical waste (non-RCRA, non-radioactive) Estimated monthly amount _____ lbs	<input type="checkbox"/> Other (specify): _____ Estimated monthly amount _____ lbs
Estimate of <u>TOTAL</u> monthly medical waste for generator classification: <u>210</u> lbs	
Estimate of other monthly medical wastes (does not count towards generator class):	
<input type="checkbox"/> Home Generated MW Sharps Estimated Monthly Amount _____ lbs.	<input type="checkbox"/> Home Generated Pharmaceutical Waste Estimated monthly amount _____ lbs.
ONSITE MEDICAL WASTE TREATMENT ONLY: Method & capacity of medical waste treatment <i>if performed onsite</i> :	
<input type="checkbox"/> Steam Autoclaving <input type="checkbox"/> Other state approved alternative technology (specify below): _____	
Treatment records must be maintained for three years for small quantity generators, and maintained two years for large quantity generators. (HSC§117943; HSC§117975)	


*Per HSC §118215(c), for liquid or semi-liquid biohazardous laboratory waste (§117690(b)(1)(B)), the treatment method must be recognized by the NIH, the CDC, or the American Biological Safety Association. If the chemical disinfection of the medical waste causes the waste to become a hazardous waste, the waste shall be managed in accordance with the requirements of HSC Chapter 6.5 (commencing with §25100) of Division 20.

Medical Waste Management Plan

The following requirements apply to LQGs (HSC§117960), and SQGs that treat MW on-site, or use the Pharmaceutical Waste Hauling Exemption. (HSC§118032)

Emergency Action Plan

This plan is to be followed to ensure the proper disposal of medical waste, including controlled substances in compliance with DEA, approved incineration of pharmaceutical and trace chemotherapy in the event of a natural disaster, spill, treatment system break down, power failure, etc., and closure plan at termination (600 characters max. for WORD interactive form - use additional sheets if necessary). (LQG HSC§117960(h); SQG HSC§117935).

Registered hazardous waste hauler/common carrier used to remove untreated medical waste (if applicable)	
Primary Hauler Name Stericycle	Phone # (858) 684-3535
Street Address 9855 Distribution Ave. Ste 110	City/ZIP San Diego / 92121
Contact Person Daniel Montoya	Contact Phone # (858) 684-3535
Offsite treatment facility to which medical waste is transported (if applicable)	
Facility Name	Phone #
Street Address	City/ZIP
Contact Person	Contact Phone #
<u>Pharmaceutical Waste Categorization</u> If applicable, the steps taken to categorize the pharmaceutical wastes generated at the facility to ensure that the wastes are properly disposed of as follows: (1) Pharmaceutical wastes classified by the federal Drug Enforcement Administration (DEA) as "controlled substances" are disposed of in compliance with DEA requirements. (2) <u>The name and business address of the registered hazardous waste hauler used by the generator to have wastes that are not regulated pursuant to the federal Resource Conservation and Recovery Act of 1976 and nonradioactive pharmaceutical wastes regulated as medical waste safely removed for treatment in compliance with subdivision (b) of Section 118222 as waste requiring specific methods.</u> (LQG:HSC§117960(i); SQG:HSC§117935(i))	
<u>Closure Plan</u> A closure plan for the termination of treatment at the facility using, at a minimum, one of the methods of decontamination specified in subdivision (a) or (b) of Section 118295, thereby rendering the property to an acceptable sanitary condition following the completion of treatment services at the site. (LQG: HSC§117960(j); SQG: HSC§117935(j))	
<i>I hereby certify to the best of my knowledge and believe the statements made herein are correct and accurate.</i>	
Name Andrew Calinisan	
Title Research Associate III	
Signature 	Date 26 July 2016



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 09/19/2017

RECORD ID #: DEH2014-HUPFP-001150

TIME START: 1:45 PM END: 3:50 PM

SPECIALIST: Anastasiya Irkhin

INSPECTION CONTACT: Shoana Sikorski

TITLE: Lab & Vivarium Supervisor

PHONE: (858) 622-2900

E-MAIL: ssikorski@crownbio.com

FACILITY NAME: Crown Bioscience San Diego
 ADDRESS: 11011 TORREYANA RD 200
 CITY/ZIP: SAN DIEGO /92121-1104

FACILITY REFERENCE DATA

ACCELA

RECORD STATUS: Permit RenewedPERMIT EXPIRATION DATE: 09/30/2018BALANCE DUE: \$0.00INSPECTOR: Anastasiya IrkhinINSPECTION TYPE: RoutineINSPECTION STATUS: Pending Corrective Action

CERS

EPA ID NUMBER: CAL000406828FACILITY CERS ID NUMBER: 10503748CERS LEAD USER: Andrew CalinisanLAST CERS SUBMITTAL DATE: 07/28/2016ENVIRONMENTAL CONTACT EMAIL: acalinisan@crownbio.comENVIRONMENTAL CONTACT PHONE: 858-717-4218

FACILITY INFORMATION

INACTIVATION INSPECTION:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	HAZARDOUS MATERIALS:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
CHANGE OF OWNER:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	HAZARDOUS WASTE:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
CHANGE IN BUSINESS TYPE:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	ABOVEGROUND PETROLEUM STORAGE ACT:*	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
BUSINESS TYPE: <u>Biomedical/Biotech-Not Large Manufacturer</u>			TOTAL SHELL CAPACITY APSA:	<u>0</u>	
ISSUE INITIAL INVOICE:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	UNDERGROUND STORAGE TANK:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
ASSESS NON-NOTIFICATION FEE:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	CALARP PROGRAM (CERS):	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
ASSESS RE-INSPECTION FEE:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	CALARP PROGRAM LEVEL:	<u>1</u>	<u>2</u>
FACILITY SUBJECT TO BASE FEE:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	MEDICAL WASTE:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
FACILITY SUBJECT TO CUPA FEE:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	MW FACILITY GENERATING OVER 200 LBS PER MONTH:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
UPDATE FACILITY ADDRESS IN AA:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	EPIC PARTICIPANT:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
BUSINESS CLOSE DATE:			NUMBER OF TLV GASES AT THE FACILITY:	<u>0</u>	

HW GENERATOR STATUS :

TIERED PERMIT LEVEL(S) :

PRIMARY BILLING CODE: General Medical Waste SECONDARY BILLING CODE: Not Applicable TERTIARY BILLING CODE: Not Applicable

INSPECTION SCOPE:*

HAZARDOUS MATERIALS: HAZARDOUS WASTE:

MEDICAL WASTE: CALARP:

TIERED PERMITTING:

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT NAME: Shoana Sikorski TITLE: Lab & Vivarium Supervisor

REMOVE BLANK CHECKLISTS FROM FINAL INSPECTION REPORT REFUSED TO SIGN

TIME ACCOUNTING (Routine)

TOTAL TIME ENTERED: 2.8

Date	Time	Group	Type
09/19/2017	0.3	Record	Drive Time
09/19/2017	1.5	Record	Report Writing
09/19/2017	0.5	Record	HazMat HazWaste
09/19/2017	0.5	Record	Medical Waste LQG



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

FACILITY NAME: Crown Bioscience San Diego
 ADDRESS: 11011 TORREYANA RD 200
 CITY/ZIP: SAN DIEGO /92121-1104

INSPECTION DATE: 09/19/2017
 RECORD ID #: DEH2014-HUPFP-001150
 TIME START: 1:45 PM END: 3:50 PM
 SPECIALIST: Anastasiya Irkhin
 INSPECTION CONTACT: Shoana Sikorski
 TITLE: Lab & Vivarium Supervisor
 PHONE: (858) 622-2900
 E-MAIL: ssikorski@crownbio.com

INSPECTION REPORT EMAILS:

Anastasiya.Irkhin@sdcounty.ca.gov

RECORD COMMENT:

[Large empty area for inspection report details and comments]



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: Crown Bioscience San Diego
 ADDRESS: 11011 TORREYANA RD 200
 CITY/ZIP: SAN DIEGO /92121-1104

INSPECTION DATE: 09/19/2017 PAGE 1 OF 11
 RECORD ID #: DEH2014-HUPFP-001150
 TIME START: 1:45 PM END: 3:50 PM
 SPECIALIST: Anastasiya Irkhin
 INSPECTION CONTACT: Shoana Sikorski
 TITLE: Lab & Vivarium Supervisor
 PHONE: (858) 622-2900
 E-MAIL: ssikorski@crownbio.com

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit Current	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contingency Plan Available <input type="checkbox"/> LQG <input checked="" type="checkbox"/> SQG
<input type="checkbox"/>	<input type="checkbox"/>	Hazardous Materials Business Plan Available	<input type="checkbox"/>	<input type="checkbox"/>	Employee Training Records Available
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training is Adequate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Universal Waste Managed Properly
<input type="checkbox"/>	<input type="checkbox"/>	Waste Disposal Records Available for Review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers <input checked="" type="checkbox"/> Closed <input type="checkbox"/> Labeled
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Emergency Contacts Current <input type="checkbox"/> Updated today	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers in Good Condition
<input type="checkbox"/>	<input type="checkbox"/>	Chemical Inventory/Map Current <input type="checkbox"/> Updated today			Permit Expires On <u>09/30/2018</u>

CONSENT TO CONDUCT INSPECTION GRANTED BY: Shoana Sikorski

TITLE: Lab & Vivarium Supervisor

INTRODUCTION:

The Hazardous Materials Division (HMD) of the Department of Environmental Health serves as the Certified Unified Program Agency (CUPA) for the County of San Diego. As the local CUPA, Hazardous Materials Division implements the Unified Program, which includes programs pertaining to Hazardous Materials Business Plan, Hazardous Waste, Aboveground Petroleum Storage, and Underground Storage Tanks. In the San Diego County, Hazardous Materials Division also enforces the Medical Waste Management Act.

Today a routine Certified Unified Program Agency (CUPA) inspection was completed at Crown Bioscience San Diego to verify compliance with hazardous waste, hazardous materials, and medical waste regulations. At the time of inspection this facility is a small quantity hazardous waste generator, stores on-site reportable amounts of hazardous materials, and is a large quantity medical waste generator. At the time of inspection this facility is subject to hazardous materials business plan requirements.

Observed on-site during inspection within laboratory areas and waste storage areas:

- red bag waste (throughout lab areas)
- sharps waste (throughout lab areas)
- liquid bio-hazardous waste (bleached & sewered)
- liquid nitrogen (11 x 240 Liters)
- Carbon Dioxide (5 x 50 pounds)
- Oxygen (10 x 24 cubic feet)
- Hazardous waste solid - RCRA pharmaceutical waste (6 x 15 gallon containers)



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 09/19/2017 PAGE 2 OF 11
RECORD ID #: DEH2014-HUPFP-001150

VIOLATION # 1

1010008 HMBP not certified annually as complete and accurate in CERS. HSC 25508(a)(1)(A), 25508.2, 19 CCR 2654(b)

Classification: Class II

Observations:

Your HMBP must be certified at least annually to be complete and accurate in the California Environmental Reporting System. Records show it has been more than 12 months since an HMBP was submitted in CERS including up-to-date facility information, hazardous materials inventory, and emergency response and training plans sections as required by HSC.

Per HMD records the last re-certification for this facility's HMBP was 7/28/2016

CERS ID: 10503748

Corrective Action Due By: 10/19/2017

This violation must be corrected online by logging into the facility account in CERS, reviewing the facility information, hazardous materials/waste inventory, and emergency response/training plans sections, and submitting them electronically. For assistance, visit our CERS Information webpage for guides and videos or call our CERS help line at (858) 505-6990 for one-on-one guidance.

Within 30 days, ensure your facility representatives gain access to CERS, update your HMBP, and re-certify a complete HMBP (business activities, hazardous materials inventory, emergency response/employee training plans).

VIOLATION # 2

1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508(a)(1)(A); 25508.1(a-b); 19 CCR 2654 (a) or (d)

Classification: Class II

Observations:

Your facility is required to report any hazardous materials inventory updates in CERS within 30 days of the change occurring. Per Shoana Sikorski this facility has had these inventory items on-site since 2015.

At the time of inspection the following hazardous materials were observed on-site that were not reported in the hazardous materials inventory in CERS:

Carbon Dioxide = 5 x 50 pounds = 2,025 cubic feet

Oxygen = 10 x 24 cubic feet = 240 cubic feet

The Liquid Nitrogen inventory item does not currently include a correct "maximum daily amount". At the time of inspection it was observed the facility stores 11 x 240 Liter containers = 660 gallons

Corrective Action Due By: 10/19/2017

Within 30 days ensure that your CERS hazardous materials inventory is updated to include the following observed inventory items:

Carbon Dioxide = 5 x 50 pounds = 2,025 cubic feet

Oxygen = 10 x 24 cubic feet = 240 cubic feet

Ensure the Liquid Nitrogen inventory item is updated to include a correct "maximum daily amount": at the time of inspection it was observed the facility stores 11 x 240 Liter containers = 660 gallons

VIOLATION # 3

1010017 HMBP not readily available to facility personnel or the CUPA. HSC 25505(c)



COUNTY OF SAN DIEGO
SUPPLEMENTAL COMPLIANCE
INSPECTION REPORT

INSPECTION DATE: 09/19/2017 PAGE 3 OF 11
RECORD ID #: DEH2014-HUPFP-001150

Classification: Class II

Observations:

At the time of inspection the facility representative did not have a readily available HMBP and did not have access to the facility's CERS account.

Corrective Action Due By: 10/19/2017

Immediately ensure that your facility has their HMBP readily available for review.

Within 30 days provide documentation to your inspector's attention how this violation was corrected.

VIOLATION # 4

3030007 Failed to properly label/date hazardous waste container &/or tank. 22 CCR 66262.34(f)

Classification: Class II

Observations:

Observed 6 x 15 gallon hazardous waste solid containers (RCRA pharmaceutical waste) that were not properly labeled as hazardous waste. The containers were missing hazardous waste labels.

Observed 12 x 1 gallon hazardous waste liquid (flammable) containers missing an accumulation start date on the labels.

Hazardous waste containers must be labeled with the following: The words "Hazardous Waste", the name and address of the generator, the composition and physical state of the waste, the hazardous properties of the waste, and the accumulation start date.

Corrective Action Due By: 10/19/2017

Immediately begin labeling the containers with the required labeling.

Hazardous waste containers must be labeled with the following: The words "Hazardous Waste", the name and address of the generator, the composition and physical state of the waste, the hazardous properties of the waste, and the accumulation start date.

Within 30 days, submit documentation to the HMD that this violation was corrected.

VIOLATION # 5

3010002 Failed to obtain &/or maintain an active EPA ID Number. 22 CCR 66262.12(a)

Classification: Minor

Observations:

This facility generates hazardous waste and does not have an active EPA ID number at this time.

Per DTSC website this facility's EPA ID number CAL000406828, has been expired since 6/30/2015.

Corrective Action Due By: 10/19/2017

Obtain or reactivate an EPA ID number by completing an application for a State ID at the Department of Toxic Substances (DTSC) website: <https://www.dtsc.ca.gov/IDManifest/>.

Within 30 days, submit proof of corrective action to the Hazardous Materials Division.



COUNTY OF SAN DIEGO
SUPPLEMENTAL COMPLIANCE
INSPECTION REPORT

INSPECTION DATE: 09/19/2017 PAGE 4 OF 11
RECORD ID #: DEH2014-HUPFP-001150

VIOLATION # 6

HMD0138 Manifest signed by the TSDf not available for inspection. 22 CCR 66262.40(a)

Classification: Minor

Observations:

At the time of inspection Shoana Sikorski was not able to provide the manifests for review. Per Shoana Sikorski the manifests were kept with the Finance department and she was not able to get them for inspection.

As a hazardous waste generator, your facility is required to keep at least 3 years of manifests available for review during inspection.

Corrective Action Due By: 10/19/2017

Immediately locate the manifests.

Within 30 days send documentation to your inspectors attention on how this violation was corrected along with any supporting documents.

VIOLATION # 7

HMD4209 Primary containers accumulating MW not labeled with generator's name, address, and phone number. SDCC 68.1205

Classification: Minor

Observations:

Observed during inspection that all medical waste generator labels were missing the business phone number.

All medical waste containers are required to have a generator label on the container at the time the waste is placed into the container. The generator must include the business name, phone number, and address.

Corrective Action Due By: 10/19/2017

Immediately label all primary medical waste containers with the generator's name, address, and phone number.

Within 30 days, submit documentation that the violation was corrected to HMD.

VIOLATION # 8

HMD4351 MWMP not submitted to HMD (initial/updates). HSC 117960, 117970

Classification: Minor

Observations:

This facility is a large quantity medical waste generator as has not submitted an updated MWMP which includes an updated total amount of medical waste generator.

Per Shoana Sikorski this facility has most likely doubled their medical waste amounts.

Corrective Action Due By: 10/19/2017

Immediately update your Medical Waste Management Plan (MWMP) to ensure that the waste totals your facility generates are accurate.

Within 30 days ensure to resubmit the updated MWMP in CERS.



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 09/19/2017 PAGE 5 OF 11
RECORD ID #: DEH2014-HUPFP-001150

VIOLATION # 9

HMD4353 Did not make available disposal receipts, tracking/shipping documents for at least 2 years for medical waste shipped offsite. HSC 117975

Classification: Minor

Observations:

At the time of inspection Shoana Sikorski was not able to provide the medical waste disposal documents for review. Per Shoana Sikorski the medical waste disposal documents are kept with the Finance department and she was not able to get them for inspection.

As a large quantity medical waste generator, your facility is required to keep at least 2 years of manifests available for review during inspection.

Corrective Action Due By: 10/19/2017

Immediately locate the medical waste disposal documents and ensure to have them available for review during inspection (at least 2 years.)

Within 30 days provide documentation to your inspector's attention how this violation was corrected.

INSPECTION REMARKS:

Minor Violation Corrected during inspection:

During inspection Shoana Sikorski was able to place a proper sign in the designated medical waste accumulation area.

Employee training records were on-site and reviewed. Training has been completed within the past year at this facility.

BE ADVISED: Ensure your "environmental contact" is updated in CERS to reflect the correct personnel on-site.

Helpful Websites:

- For guidance documents on hazardous materials-related topics, go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS), go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations, go to: <http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails: <https://public.govdelivery.com/accounts/CASAND/subscriber/new>

If you have any questions regarding this inspection, please contact Anastasiya Irkhin, 858-518-7388, Anastasiya.Irkhin@sdcounty.ca.gov

INSPECTION PHOTOS

None

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 09/19/2017 PAGE 6 OF 11
RECORD ID #: DEH2014-HUPFP-001150

PRINTED NAME OF FACILITY REPRESENTATIVE Shoana Sikorski	SIGNATURE 	DATE SIGNED 09/19/2017
TITLE OF FACILITY REPRESENTATIVE Project Manager		

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (858) 505-6880 <http://www.sdcdeh.org>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Handlers of Hazardous Materials and Small and Large Quantity Generators of Hazardous Waste

INSPECTION DATE: 09/19/2017 PAGE 7 OF 11
 RECORD ID #: DEH2014-HUPFP-001150

FACILITY NAME: * Crown Bioscience San Diego
 ADDRESS: * 11011 TORREYANA RD 200 CITY/ZIP: * SAN DIEGO 92121-1104

Each violation checked below is for the section(s) of the California Health and Safety Code (HSC), California Code of Regulations (CCR), or the San Diego County Code (SDCC) indicated in italics. Incorporated provisions of Title 40 of the Code of Federal regulations (CFR) are noted for reference. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. HMBP = Hazardous Materials Business Plan; CUPA = Certified Unified Program Agency; CERS = California Environmental Reporting System; SQG = Small Quantity Hazardous Waste Generator; LQG = Large Quantity Hazardous Waste Generator

HAZARDOUS MATERIALS REQUIREMENTS

#	VIOLATION DESCRIPTION
<input type="checkbox"/>	1010001 HMBP not established/ implemented. HSC 25505(a) and 25507(a)
<input type="checkbox"/>	1010002 HMBP not submitted to the CUPA in CERS. HSC 25508(a)(1)(A); HSC 25404(e)(4); 27 CCR 15188(a),(b),(d)
<input type="checkbox"/>	1010003 Business Activities &/or Business Owner/Operator page not completed in CERS. 19 CCR 2652(a)(1); HSC 25404(e)(4); SDCC 68.904(b)
2 <input checked="" type="checkbox"/>	1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508(a)(1)(A); 25508.1(a-b); 19 CCR 2654 (a) or (d)
<input type="checkbox"/>	1010005 Site map not submitted in CERS or not sufficient. HSC 25505(a)(2); 25508(a)(1)(A); 25508.1(f); 19 CCR 2652(a)(3)
<input type="checkbox"/>	1010006 Failed to update HMBP in CERS within 30 days of a substantial change to any portion of the HMBP, including inventory changes or facility information. HSC 25508.1(a-f); 19 CCR 2654(d); SDCC 68.904(c)(6)
1 <input checked="" type="checkbox"/>	1010008 HMBP not certified annually as complete and accurate in CERS. HSC 25508(a)(1)(A), 25508.2, 19 CCR 2654(b)
<input type="checkbox"/>	1010010 Emergency response procedures to mitigate a release or threatened release not adequate, not established or not submitted in CERS. HSC 25505(a)(3), 25508(a)(1)(A); 19 CCR 2658
<input type="checkbox"/>	1010011 Failure to notify property owner in writing that the business is subject to the HMBP program. HSC 25505.1
<input type="checkbox"/>	1010012 Failure to provide a copy of HMBP to the property owner within five working days upon request from property owner. HSC 25505.1
<input type="checkbox"/>	1010014 Failure to submit emergency response plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A)
<input type="checkbox"/>	1010015 Failure to submit employee training plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A)
<input type="checkbox"/>	1010016 HMBP not established or submitted in CERS, when not meeting the remote site exemption. HSC 25507.2 and 25508(a)(1)(A)
<input type="checkbox"/>	1020001 Employee training plan for hazardous materials management not adequate, not established or not submitted in CERS. HSC 25505(a)(4) and 25508(a)(1)(A); 19 CCR 2659(a)
<input type="checkbox"/>	1020002 Initial &/or annual employee training not conducted for hazardous materials management &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)
<input type="checkbox"/>	1040001 Hazardous materials release or threatened release not reported to the CUPA and OES immediately upon discovery. HSC 25510(a); 19 CCR 2631(a)
<input type="checkbox"/>	HMD1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905; 68.906, 68.907
<input type="checkbox"/>	HMD1005 Emergency contact not provided or current in CERS. HSC 25508.1(f); SDCC 68.904(b)
<input type="checkbox"/>	HMD1007 Highly toxic gas (TLV<10 ppm) not disclosed. SDCC 68.1113(b)
<input type="checkbox"/>	HMD1008 Annual carcinogen/reproductive toxin list not submitted. SDCC 68.1113(c)
3 <input checked="" type="checkbox"/>	1010017 HMBP not readily available to facility personnel or the CUPA. HSC 25505(c)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS ONLY

#	VIOLATION DESCRIPTION
<input type="checkbox"/>	HMD0226 Did not accumulate waste in a container or tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2)
4 <input checked="" type="checkbox"/>	3030007 Failed to properly label/date hazardous waste container &/or tank. 22 CCR 66262.34(f)
<input type="checkbox"/>	3030010 Accumulated waste too long (>180 or 270 days) or (>90 days). HSC 25201(a); 22 CCR 66262.34(d); 40 CFR 262.34(e) and (f)
<input type="checkbox"/>	3030013 Failed to accumulate hazardous waste in a container that is in good condition. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.171
<input type="checkbox"/>	3030015 Failed to accumulate or store hazardous waste in a lined &/or compatible container. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.172
<input type="checkbox"/>	3030017 Failed to properly close hazardous waste container(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.173
<input type="checkbox"/>	3030019 Failed to inspect hazardous waste storage area at least weekly. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.174
<input type="checkbox"/>	3030022 Failed to properly separate incompatible waste. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.177
<input type="checkbox"/>	3030030 Failed to maintain &/or operate facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.31
<input type="checkbox"/>	3030036 Failed to maintain adequate aisle space. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4); 265.35
<input type="checkbox"/>	3010022 Failed to post, next to the telephone, emergency information containing the location of emergency equipment, contact names and phone numbers. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(ii)
<input type="checkbox"/>	3020001 Failure to ensure employees are trained on hazardous waste regulations related to proper waste handling and emergency response procedures. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iii)
<input type="checkbox"/>	3030032 Failed to maintain the following emergency response equipment or equivalent: 1) An internal communication or alarm system; 2) A communication device, such as a telephone; 3) Portable fire extinguishers, fire/spill control equipment and decontamination equipment; and 4) Water at adequate volume and pressure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4); 265.32
<input type="checkbox"/>	3030039 Failed to have an emergency coordinator on call or available during an emergency. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(i)
<input type="checkbox"/>	HMD0412 Failed to implement contingency plan during an emergency, spill/release. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iv)

HAZARDOUS WASTE TANK SYSTEMS FOR SQGS ONLY

#	VIOLATION DESCRIPTION
<input type="checkbox"/>	3030024 Failed to operate uncovered tanks to ensure at least 2 ft. of freeboard to prevent overtopping, unless the tank is equipped with a containment structure, a drainage control system, or a diversion structure with a capacity that equals or exceeds the volume of the top 2 ft. of the tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(c)
<input type="checkbox"/>	3030025 Failed to provide an overflow protection device on continuously fed hazardous waste tank(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3); 265.201(b)(4)



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Hazardous Materials and Hazardous Waste (continued)

- 3030027 Failed to conduct daily tank inspection of discharge control system, monitoring equipment and waste level. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(1-3), 262.34(d)(3)
- 3030028 Failed to conduct weekly hazardous waste tank inspection to ensure that the construction materials, fixtures and surrounding areas of the tank are in good condition. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(4-5), 262.34(d)(3)
- 3050007 Failed to properly decontaminate and document closure of a hazardous waste tank system. 22 CCR 67383.3; 40 CFR 262.34(d)(3), 265.201(f)
- HMD1612 Hazardous waste improperly stored in a tank system causing leaks, corrosion, or failure. 22 CCR 66262.34(d)(2); 40 CFR 265.201(b)
- HMD1614 Failed to pre-notify the CUPA in writing prior to closing a hazardous waste tank system. 22 CCR 67383.3(a)(1)
- HMD1615 Failed to properly accumulate ignitable or reactive waste in a tank system. 22 CCR 66262.34(d)(2); 40 CFR 265.201(g)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS AND LOGS

RECORD KEEPING/OPERATIONAL REQUIREMENTS

- | # | VIOLATION DESCRIPTION |
|--------------------------|---|
| <input type="checkbox"/> | HMD0131 Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. HSC 25404.1; SDCC 68.905 |
| <input type="checkbox"/> | HMD0150 Failed to submit complete and accurate Facility Information in CERS. HSC 25404(e)(4); 27 CCR 15188(b-c); SDCC 68.904(b) |
| <input type="checkbox"/> | 3030053 Failed to maintain waste analysis records, analytical records &/or waste determination results for at least 3 years. 22 CCR 66262.40(c) |
| 5 | <input checked="" type="checkbox"/> 3010002 Failed to obtain &/or maintain an active EPA ID Number. 22 CCR 66262.12(a) |
| | <input type="checkbox"/> 3010008 Failed to properly complete a uniform hazardous waste manifest. 22 CCR 66262.23(a) |
| | <input type="checkbox"/> 3010009 Failed to submit an Exception Report to DTSC for hazardous waste manifest. HSC 25123.3(h)(2); 22 CCR 66262.42 |
| | <input type="checkbox"/> 3010010 Failed to maintain copies of Uniform Hazardous Waste Manifest, consolidated manifest, or Bills of Lading for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a), 66262.23(a)(3) |
| | <input type="checkbox"/> 3010011 Failed to send copy of the uniform hazardous waste manifest to DTSC within 30 days of shipment. 22 CCR 66262.23(a)(4) |
| | <input type="checkbox"/> 3010013 Failed to meet the consolidated manifesting requirements for waste shipment. HSC 25160.2; 22 CCR 66262.40(a) |
| | <input type="checkbox"/> 3010014 Failed to retain disposal records of spent lead-acid batteries for 3 years. 22 CCR 66266.81(a)(4)(B) |
| | <input type="checkbox"/> 3030006 Failed to determine if a hazardous waste is restricted or prohibited from land disposal. 22 CCR 66268.7(a) |
| | <input type="checkbox"/> 3010016 Failure of recycler who recycles more than 100 kilograms per month of a recyclable material to submit the biennial Recyclable Materials Report (RMR) in CERS when claiming exclusion or exemption. HSC 25143.10(a), (c) &/or (d) |
| | <input type="checkbox"/> HMD0149 Failed to keep disposal receipts for drained used oil filters and/or drained fuel filters for 3 years. HSC 25250.22; 22 CCR 66266.130 |
| | <input type="checkbox"/> HMD0152 Failed to submit/report in CERS chemical inventory information for hazardous waste and/or medical waste, and keep up to date. SDCC 68.904(a)(2) |
| | <input type="checkbox"/> HMD0140 Failed to have Land Disposal Restriction documentation onsite for 3 years. 22 CCR 66268.7(a)(8) |
| | <input type="checkbox"/> 3250005 Failed to obtain a Treatment, Storage and Disposal Facility (TSDF) permit or authorization to store/treat/dispose of hazardous waste. HSC 25201(a) |
| | <input type="checkbox"/> 3050005 Failed to have adequate records demonstrating claim of exemption or exclusion for recyclable materials. HSC 25143.2(f); 22 CCR 66261.2(g) |
| | <input type="checkbox"/> HMD0142 Failed to notify the CUPA in CERS for onsite hazardous waste treatment/tiered permitting. HSC 25201(a) |
| 6 | <input checked="" type="checkbox"/> HMD0138 Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a) |

DISPOSAL AND TRANSPORTATION

- | # | VIOLATION DESCRIPTION |
|--------------------------|---|
| <input type="checkbox"/> | 3010007 Failed to prepare a hazardous waste manifest for the transport of a waste for off-site transfer, treatment, storage, or disposal. HSC 25160(b)(1) or (2), 25160.2(b)(9); 22 CCR 66262.20(a) |
| <input type="checkbox"/> | 3030005 Failed to make a proper waste determination. 22 CCR 66262.11, 66262.40(c) |
| <input type="checkbox"/> | 3050001 Failed to use a DTSC registered hazardous waste transporter to transport hazardous waste. HSC 25163(a); 22 CCR 66263.41 |
| <input type="checkbox"/> | 3050002 Failed to properly dispose of hazardous waste at an authorized facility. HSC 25189.5(a); 25189(c),(d); 25189.2(c) |
| <input type="checkbox"/> | HMD0308 Impermissible dilution of hazardous waste. 22 CCR 66268.3(a) |
| <input type="checkbox"/> | HMD0305 Disposed of used oil illegally. HSC 25250.5(a); 25189.5(a); 25189(c),(d); 25189.2(c) |
| <input type="checkbox"/> | HMD0306 Failed to properly dispose of hazardous waste latex paint. HSC 25217.1 |

STORAGE AND HANDLING

- | # | VIOLATION DESCRIPTION |
|--------------------------|---|
| <input type="checkbox"/> | 3030001 3030001 Failed to meet the management requirements when handling or storing spent lead-acid batteries. 22 CCR 66266.81(a) |
| <input type="checkbox"/> | 3030003 Failed to properly manage 'damaged' spent lead acid batteries. 22 CCR 66266.81(b) |
| <input type="checkbox"/> | 3030004 Failed to properly manage, store, label &/or recycle used oil filters &/or used fuel filters. HSC 25250.22; 22 CCR 66266.130 |
| <input type="checkbox"/> | 3050004 Generator intentionally contaminated used oil with another hazardous waste other than minimal amounts of fuel. HSC 25250.7(a), (c) |
| <input type="checkbox"/> | HMD0222 Failed to properly label Excluded Recyclable Materials (ERM) accumulated in a container or tank. HSC 25143.9(a) |
| <input type="checkbox"/> | HMD0216 Failed to label hazardous material container within 10 days after the container was discovered to be mislabeled or inadequately labeled. HSC 25124(b)(3)(A); 22 CCR 66262.34(f) |
| <input type="checkbox"/> | HMD0217 Failed to repackage damaged/deteriorated hazardous material container within 96 hours. HSC 25124(b)(3)(B); 22 CCR 66262.34(f) |
| <input type="checkbox"/> | HMD0219 Failed to properly segregate used oil &/or fuel drained from filters. HSC 25250.22(b)(4); 22 CCR 66266.130(c)(6) |
| <input type="checkbox"/> | 3030057 Failed to comply with hazardous waste satellite container regulation. 22 CCR 66262.34(e) |
| <input type="checkbox"/> | HMD0023 Failed to properly empty container, failed to manage non-empty container, or inner liner removed from a container. 22 CCR 66261.7(b-e) &/or (r) |
| <input type="checkbox"/> | 3030058 Failed to mark date on empty container larger than 5 gallons &/or manage it within one year. 22 CCR 66261.7(f) |

UNIVERSAL WASTE HANDLER REQUIREMENTS

- | # | VIOLATION DESCRIPTION |
|--------------------------|--|
| <input type="checkbox"/> | 3010004 Failed to obtain a California ID Number from DTSC or federal ID Number from USEPA prior to accumulating 5,000 kgs or more of Universal Waste. 22 CCR 66273.32(a-b) |



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 09/19/2017 PAGE 9 OF 11
RECORD ID #: DEH2014-HUPFP-001150

Hazardous Materials and Hazardous Waste (continued)

- HMD0151 Failed to maintain universal waste handler training records for 3 years. 22 CCR 66273.36(c),(d)
- 3020003 Failed to properly train handlers of universal waste in universal waste management and response procedures. 22 CCR 66273.36(a),(b)
- 3030008 Failed to properly label or mark Universal Waste container (excluding CESQUWG) 22 CCR 66273.34
- 3030011 Failed to properly dispose of Universal Waste within one year. 22 CCR 66273.35(a) &/or (b)
- HMD0147 Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2)
- 3030051 Failed to meet accumulation &/or containment standards for Universal Waste aerosol containers. HSC 25201.16(f)
- 3040004 Failed to manage universal waste in a manner to prevent release(s) to the environment. 22 CCR 66273.33; 66273.33.5
- HMD0307 Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a), 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a), 66273.8(b)
- 3010005 Failure of a universal handler of electronic devices or CRTs from an offsite source to notify DTSC 30 days prior to acceptance. 22 CCR 66273.32(c)

HM-923 (06-17)



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Medical Waste Generators

Each violation checked below is for the section(s) of the California health and Safety Code (HSC), California Code of Regulation (CCR), or the San Diego County Code (SDCC) indicated in italics. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. UPF = Unified Program Facility; MW = Medical Waste; USPS = United States Postal Service; DOT = Department of Transportation

MEDICAL WASTE GENERATORS

STORAGE AND LABELING

- | # | <u>VIOLATION DESCRIPTION</u> |
|--------------------------|---|
| <input type="checkbox"/> | HMD4201 UPF Permit not obtained. HSC 117705; SDCC 68.905, 68.1202 |
| <input type="checkbox"/> | HMD4216 Failed to submit/report in CERS chemical inventory information for hazardous waste and/or medical waste, and keep up to date. SDCC 68.904(a)(2) |
| <input type="checkbox"/> | HMD4202 Medical waste (MW) not separated from other waste at the point of origin. HSC 118275 |
| <input type="checkbox"/> | HMD4203 Enclosure or designated accumulation area for MW containers not secured. HSC 118307, 118310 |
| <input type="checkbox"/> | HMD4204 MW designated accumulation area not posted with an approved, legible biohazardous waste "warning sign" in English & Spanish which can be read from 25 ft. HSC 118310 |
| <input type="checkbox"/> | HMD4205 Medical SOLID WASTE not secured to deny access to unauthorized persons. SDCC 68.1211 |
| <input type="checkbox"/> | HMD4206 Spill of MW not properly cleaned up. HSC 118300 |
| <input type="checkbox"/> | HMD4207 Sharps not stored in approved and properly marked sharps container. HSC 118285(a) & (d) |
| <input type="checkbox"/> | HMD4208 Full sharps container not taped closed or tightly-lidded to preclude loss of contents. HSC 118285(b) |
| 7 | <input checked="" type="checkbox"/> HMD4209 Primary containers accumulating MW not labeled with generator's name, address, and phone number. SDCC 68.1205 |
| <input type="checkbox"/> | HMD4210 Medical waste not stored in approved and properly marked biohazard bags. HSC 118275(a) |
| <input type="checkbox"/> | HMD4211 Biohazard bags not tied off to prevent leakage/expulsion of contents during handling and storage. HSC 118280(a) |
| <input type="checkbox"/> | HMD4212 Biohazard bags not containerized in rigid, leak resistant, and covered containers or bins when placed for storage, handling, or transport. HSC 118280(b) |
| <input type="checkbox"/> | HMD4213 Waste container/bin not labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD" on the lid and sides. HSC 118280(c) |
| <input type="checkbox"/> | HMD4214 Reusable containers/bins for MW storage not kept clean and sanitary. HSC 118295, 118305 |
| <input type="checkbox"/> | HMD4215 Frozen (0°C/32°F) biohazardous waste stored >90 days. HSC 118280(e)(2) |
| <input type="checkbox"/> | HMD4306 Full sharps container stored >30 days at >0°C. HSC 118285(c) |
| <input type="checkbox"/> | HMD4307 Biohazard bag waste stored >7 days at >0°C (for generators of >20lbs/month). HSC 118280(e)(1)(A) |
| <input type="checkbox"/> | HMD4308 Biohazard bag waste stored >30 days at >0°C (for generators of <20lbs/month). HSC 118280(e)(1)(B) |
| <input type="checkbox"/> | HMD4219 MW interim storage area not marked with warning sign or biohazard symbol legible from 5 ft. HSC 118307, 118310 |
| <input type="checkbox"/> | HMD4220 MW interim storage area not properly secured. HSC 118307 |

TREATMENT AND DISPOSAL

- | # | <u>VIOLATION DESCRIPTION</u> |
|--------------------------|--|
| <input type="checkbox"/> | HMD4251 MW treated by unapproved method/procedure. HSC 118215 |
| <input type="checkbox"/> | HMD4252 Standardized written operating procedures for steam sterilization not available. HSC 118215(a)(2)(A) |
| <input type="checkbox"/> | HMD4253 Recording thermometer not calibrated annually. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> | HMD4254 No records of annual thermometer calibration checks onsite for at least the past 2 years. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> | HMD4255 Heat-sensitive tape/other approved method not used for each load treated onsite. HSC 118215(a)(2)(C) |
| <input type="checkbox"/> | HMD4256 Monthly biological indicator or other approved method not used to confirm proper disinfection. HSC 118215(a)(2)(D) |
| <input type="checkbox"/> | HMD4257 Onsite steam sterilization did not reach 121°C/250°F for 30 minutes. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> | HMD4258 Treatment records/logs of dates, time, and temperature not available for 2 years. HSC 118215(a)(2)(E) |
| <input type="checkbox"/> | HMD4259 Disposal of untreated MW to an unauthorized point. HSC 118340 |

TRANSPORTATION REQUIREMENTS

- | # | <u>VIOLATION DESCRIPTION</u> |
|--------------------------|---|
| <input type="checkbox"/> | HMD4260 Transportation of MW without State Hauler Registration, USPS or requirements of the DOT "Materials of Trade Exceptions." HSC 118025 |
| <input type="checkbox"/> | HMD4311 Medical waste tracking documents/logs not in vehicle transporting medical waste. HSC 118040 |

SMALL QUANTITY GENERATORS ONLY

(<200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

- | # | <u>VIOLATION DESCRIPTION</u> |
|--------------------------|---|
| <input type="checkbox"/> | HMD4301 Medical Waste Management Plan (MWMP) not submitted to HMD (initial/updates), if onsite treatment. HSC 117935 |
| <input type="checkbox"/> | HMD4302 Did not maintain and show proof of "onsite" medical waste treatment records for 3 years. HSC 117943 |
| <input type="checkbox"/> | HMD4303 Did not retain on file disposal receipts, tracking/shipping documents for medical waste shipped offsite for 3 years. HSC 117945 |
| <input type="checkbox"/> | HMD4309 MWMP or equivalent information not onsite (only for SQG doing onsite treatment or comply with pharmaceutical waste hauling exemption). HSC 117935, 118032 |

LARGE QUANTITY GENERATORS ONLY

(>= 200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

- | # | <u>VIOLATION DESCRIPTION</u> |
|---|--|
| 8 | <input checked="" type="checkbox"/> HMD4351 MWMP not submitted to HMD (initial/updates). HSC 117960, 117970 |
| | <input type="checkbox"/> HMD4352 Records of medical waste treatment not available for 2 years. HSC 117975, 118215(a)(2)(E) |



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 09/19/2017 PAGE 11 OF 11
 RECORD ID #: DEH2014-HUPFP-001150

Medical Waste Generators (continued)

- 9 HMD4353 Did not make available disposal receipts, tracking/shipping documents for at least 2 years for medical waste shipped offsite. HSC 117975

LOG MW ONSITE TREATMENT FACILITY

(>= 200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> HMD4501 | Onsite MW treatment permit not obtained/renewed. HSC 117950, 118130, 65620, 65623 |
| <input type="checkbox"/> HMD4502 | Current copy of the MW treatment permit not available. HSC 65621(f), 65623, 118165, 118180 |
| <input type="checkbox"/> HMD4503 | Condition(s) of the MW treatment permit violated. HSC 65623 |

CHEMOTHERAPY, PATHOLOGY, PHARMACEUTICAL HAZARDOUS & UNIVERSAL WASTES

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> HMD4401 | Trace Chemo waste not segregated from other MW. HSC 118275(a)(4) |
| <input type="checkbox"/> HMD4402 | Trace Chemo waste container not labeled "Chemotherapy Waste" or "CHEMO" on the lid and the sides. HSC 118275(a)(4) |
| <input type="checkbox"/> HMD4403 | Illegal disposal of chemo waste. HSC 118340 |
| <input type="checkbox"/> HMD4411 | Pathology waste not segregated from other MW. HSC 118275(a)(5) |
| <input type="checkbox"/> HMD4412 | Pathology waste container not labeled "Pathology Waste" or "PATH" on the lid and the sides. HSC 118275(a)(5) |
| <input type="checkbox"/> HMD4413 | Illegal disposal of pathology waste. HSC 118340 |
| <input type="checkbox"/> HMD4421 | Pharm waste not segregated from other MW. HSC 118275(a)(6) |
| <input type="checkbox"/> HMD4422 | Pharm waste not labeled "Incineration Only or HIGH HEAT" on the lid and the sides. HSC 118275(a)(6) |
| <input type="checkbox"/> HMD4423 | Pharm waste stored >90 days when container full, or stored longer than one year (maximum allowable time). HSC 118280(f) |
| <input type="checkbox"/> HMD4432 | Illegal disposal of pharm waste. HSC 118340, 118222(b) |
| <input type="checkbox"/> HMD4441 | Disposal of photo/hazwaste to an unauthorized point. HSC 25189.5 |
| <input type="checkbox"/> HMD0147 | Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2) |
| <input type="checkbox"/> HMD0307 | Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a), 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a), 66273.8(b) |



COUNTY OF SAN DIEGO

CORRECTIVE ACTION FORM TO DOCUMENT RETURN TO COMPLIANCE

FACILITY NAME: Crown Bioscience San Diego
 ADDRESS: 11011 TORREYANA RD 200
 CITY/ZIP: SAN DIEGO /92121-1104

INSPECTION DATE: <u>09/19/2017</u>
RECORD ID #: <u>DEH2014-HUPFP-001150</u>
SPECIALIST: <u>Anastasiya Irkhin</u>
INSPECTION CONTACT: <u>Shoana Sikorski</u>
TITLE: <u>Lab & Vivarium Supervisor</u>
PHONE: <u>(858) 622-2900</u>
E-MAIL: <u>ssikorski@crownbio.com</u>

VIOL#	DATE CORRECTED	INDICATE HOW VIOLATIONS WERE CORRECTED (Attach Any Supporting Documentation)	DUE DATE
#1 1010008			10/19/2017
#2 1010004			10/19/2017
#3 1010017			10/19/2017
#4 3030007			10/19/2017
#5 3010002			10/19/2017
#6 HMD0138			10/19/2017
#7 HMD4209			10/19/2017
#8 HMD4351			10/19/2017
#9 HMD4353			10/19/2017

I certify under penalty of law that this facility has corrected all violations marked on the Compliance Inspection Report/Notice of Violation. I have personally examined and am familiar with the information submitted and believe the information is true, accurate and complete. I am authorized to file this certification for the facility, and am aware that there are significant penalties for submitting false information.

PRINTED NAME OF FACILITY REPRESENTATIVE	SIGNATURE	DATE SIGNED
TITLE OF FACILITY REPRESENTATIVE		

SEND COMPLETED FORM AND SUPPORTING DOCUMENTATION TO THE ADDRESS LISTED BELOW



COUNTY OF SAN DIEGO

CORRECTIVE ACTION FORM TO DOCUMENT RETURN TO COMPLIANCE

INSPECTION DATE: 09/19/2017
RECORD ID #: DEH2014-HUPFP-001150

COUNTY OF SAN DIEGO USE ONLY

REVIEWED BY: _____ DATE: _____

SPECIALIST'S COMMENTS:

- All violations noted on date listed above were corrected
- Based On Information Provided By The Facility
- Based On Field Verification By Specialist
- RTC entered by Specialist on: _____
- RTC entered by Office Assistant on: _____

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
<http://www.sdcdeh.org> 858-505-6880



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 09/18/2018

RECORD ID #: DEH2014-HUPFP-001150

TIME START: 10:15 AM END: 12:00 PM

SPECIALIST: Darren Thai

INSPECTION CONTACT: Christina Sanchez

TITLE: QA Manager

PHONE: (858) 622-2900

E-MAIL: csanchez@crownbio.com

FACILITY NAME: Crown Bioscience San Diego
 ADDRESS: 11011 TORREYANA RD 200
 CITY/ZIP: SAN DIEGO /92121-1104

FACILITY REFERENCE DATA

ACCELA

RECORD STATUS: Permit Renewed
 PERMIT EXPIRATION DATE: 09/30/2019
 BALANCE DUE: \$0.00
 INSPECTOR: Darren Thai
 INSPECTION TYPE: Routine
 INSPECTION STATUS: Pending Corrective Action

CERS

EPA ID NUMBER: CAL000406828
 FACILITY CERS ID NUMBER: 10503748
 CERS LEAD USER: Brian Lee
 LAST CERS SUBMITTAL DATE: 03/19/2018
 ENVIRONMENTAL CONTACT EMAIL: blee@crownbio.com
 ENVIRONMENTAL CONTACT PHONE: 818-389-7853

FACILITY INFORMATION

INACTIVATION INSPECTION:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	HAZARDOUS MATERIALS:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
CHANGE OF OWNER:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	HAZARDOUS WASTE:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
CHANGE IN BUSINESS TYPE:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	ABOVEGROUND PETROLEUM STORAGE ACT:*	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
BUSINESS TYPE: <u>Biomedical/Biotech-Not Large Manufacturer</u>			TOTAL SHELL CAPACITY APSA:	<u>0</u>	
ISSUE INITIAL INVOICE:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	UNDERGROUND STORAGE TANK:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
ASSESS NON-NOTIFICATION FEE:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	CALARP PROGRAM (CERS):	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
ASSESS RE-INSPECTION FEE:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	CALARP PROGRAM LEVEL:	<u>1</u>	<u>2</u>
FACILITY SUBJECT TO BASE FEE:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	MEDICAL WASTE:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
FACILITY SUBJECT TO CUPA FEE:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	MW FACILITY GENERATING OVER 200 LBS PER MONTH:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
UPDATE FACILITY ADDRESS IN AA:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	EPIC PARTICIPANT:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
BUSINESS CLOSE DATE:			NUMBER OF TLV GASES AT THE FACILITY:	<u>0</u>	

HW GENERATOR STATUS :

TIERED PERMIT LEVEL(S) :

PRIMARY BILLING CODE: General Medical Waste SECONDARY BILLING CODE: Not Applicable TERTIARY BILLING CODE: Not Applicable

INSPECTION SCOPE:*

HAZARDOUS MATERIALS: HAZARDOUS WASTE:

MEDICAL WASTE: CALARP:

TIERED PERMITTING:

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT NAME: Christina Sanchez TITLE: QA Manager

REMOVE BLANK CHECKLISTS FROM FINAL INSPECTION REPORT REFUSED TO SIGN

TIME ACCOUNTING (Routine) TOTAL TIME ENTERED: 2.5

Date	Time	Group	Type
09/18/2018	0.5	HMD Inspection	Report Writing - Record
09/18/2018	0.7	HMD Inspection	Travel Time - Record
09/18/2018	1.3	HMD Inspection	MW LQG - Record



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

FACILITY NAME: Crown Bioscience San Diego
 ADDRESS: 11011 TORREYANA RD 200
 CITY/ZIP: SAN DIEGO /92121-1104

INSPECTION DATE: 09/18/2018
 RECORD ID #: DEH2014-HUPFP-001150
 TIME START: 10:15 AM END: 12:00 PM
 SPECIALIST: Darren Thai
 INSPECTION CONTACT: Christina Sanchez
 TITLE: QA Manager
 PHONE: (858) 622-2900
 E-MAIL: csanchez@crownbio.com

INSPECTION REPORT EMAILS:

Darren.Thai@sdcounty.ca.gov,zoraida.herrera@sdcounty.ca.gov,ymaves@crownbio.com

RECORD COMMENT:

LQGMW inspection conducted 09/18/2018



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: Crown Bioscience San Diego
 ADDRESS: 11011 TORREYANA RD 200
 CITY/ZIP: SAN DIEGO /92121-1104

INSPECTION DATE: 09/18/2018 PAGE 1 OF 5
 RECORD ID #: DEH2014-HUPFP-001150
 TIME START: 10:15 AM END: 12:00 PM
 SPECIALIST: Darren Thai
 INSPECTION CONTACT: Christina Sanchez
 TITLE: QA Manager
 PHONE: (858) 622-2900
 E-MAIL: csanchez@crownbio.com

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit Current	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Contingency Plan Available <input type="checkbox"/> LQG <input type="checkbox"/> SQG
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hazardous Materials Business Plan Available	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Employee Training Records Available
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training is Adequate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Universal Waste Managed Properly
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Disposal Records Available for Review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers <input checked="" type="checkbox"/> Closed <input type="checkbox"/> Labeled
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Emergency Contacts Current <input type="checkbox"/> Updated today	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers in Good Condition
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Inventory/Map Current <input type="checkbox"/> Updated today			Permit Expires On <u>09/30/2019</u>

CONSENT TO CONDUCT INSPECTION GRANTED BY: Christina Sanchez

TITLE: QA Manager

INTRODUCTION:

Routine Inspection

The Hazardous Materials Division (HMD) of the Department of Environmental Health serves as the Certified Unified Program Agency (CUPA) for the County of San Diego. As the local CUPA, the Hazardous Materials Division implements the Unified Program, which includes programs pertaining to Hazardous Materials Business Plan, Hazardous Waste, Aboveground Petroleum Storage, and Underground Storage Tanks. In San Diego County, the Hazardous Materials Division also enforces the Medical Waste Management Act.

A routine compliance inspection for medical waste management ONLY was conducted with the consent of Christina Sanchez, QA Manager. Yuki Kato Maves, Associate Director of Technical Operations was also present for today's inspection. A full compliance inspection including hazardous materials and hazardous waste management was not conducted at this time. This facility is a biotech specializing in pre-clinical contract research. At the time of inspection, this facility is a large quantity generator of medical waste. The following items were observed during today's inspection:

- Biohazardous red bag waste
- Biohazardous sharps waste
- Pathology waste (animal carcasses)
- Medical liquid waste (bleached and sewerred)

The facility has also reported trace chemotherapy waste through CERS. An empty trace chemotherapy container was observed on site. Per Christina Sanchez and Yuki Kato Maves, this facility does not generate trace chemotherapy waste. Trace chemotherapy waste does not appear on the facility's medical waste tracking records.

This facility also generates RCRA pharmaceutical waste (client proprietary compounds).

VIOLATION # 1

HMD4209 Primary containers accumulating MW not labeled with an electronic tracking system label or a label with generator's name, address and phone number. SDCC 68.1205



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 09/18/2018 PAGE 2 OF 5
RECORD ID #: DEH2014-HUPFP-001150

Classification: Class II

Observations:

A significant number of the medical waste containers observed on site today were missing generator information labels.

This violation was previously cited during recent inspections conducted 09/19/2017 (minor) and 11/04/2015 (Class II).

Corrective Action Completed During Inspection:

Yuki Kato Maves affixed generator information labels to containers that were missing this information at the time of inspection.

VIOLATION # 2

HMD4301 Medical Waste Management Plan (MWMP) not submitted to HMD (initial/updates), if onsite treatment. HSC 117935

Classification: Minor

Observations:

The facility's Medical Waste Management Plan as submitted through the California Environmental Reporting System (CERS) dated 08/10/2018 indicates that the facility engages in on site steam autoclaving of medical waste. Crown Biosciences is currently having medical waste hauled by Stericycle, and per Christina Sanchez and Yuki Kato Maves, does not engage in on site steam sterilization. An application for a medical waste treatment permit had recently been submitted, but was denied.

This violation was previously cited during recent inspections dated 09/19/2017 (minor) and 11/04/2015 (Class II).

Corrective Action Due By: 10/18/2018

Immediately update your Medical Waste Management Plan to accurately reflect medical waste generation and treatment practices (if applicable). Submit the updated plan to the Hazardous Materials Division through CERS (please ensure that outdated copies are discarded from CERS before submitting).

Within 30 days, submit documentation of return to compliance to my attention. You may use the Corrective Action Form to Document Return to Compliance found on the last page of this report.

INSPECTION REMARKS:

- 1) Reminder: RCRA pharmaceutical waste containers must be labeled with hazardous waste labels. Ensure that all RCRA pharmaceutical waste containers are labeled appropriately.
- 2) Trace chemotherapy waste has been reported through CERS, but does not appear to be generated at this facility. If this waste stream will not be generated, you may remove this item from your reported inventory, or your permitting fees will be affected.
- 3) Medical waste tracking records reviewed. Maintain documentation of proper medical waste disposal available for review dating back 2 years.

Helpful Websites:

- For guidance documents on hazardous materials-related topics, go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS), go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations, go to: <http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails: <https://public.govdelivery.com/accounts/CASAND/subscriber/new>



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 09/18/2018 PAGE 3 OF 5
 RECORD ID #: DEH2014-HUPFP-001150

If you have any questions regarding this inspection, please contact Darren Thai , 858-245-2567, Darren.Thai@sdcounty.ca.gov

INSPECTION PHOTOS

None

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE Christina Sanchez	SIGNATURE		DATE SIGNED 09/18/2018
TITLE OF FACILITY REPRESENTATIVE QA Manager			

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
 Phone: (858) 505-6880 <http://www.sdcdeh.org>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Medical Waste Generators

INSPECTION DATE: 09/18/2018 PAGE 4 OF 5
 RECORD ID #: DEH2014-HUPFP-001150

FACILITY NAME: * **Crown Bioscience San Diego**
 ADDRESS: * **11011 TORREYANA RD 200** CITY/ZIP: * **SAN DIEGO** **92121-1104**

Each violation checked below is for the section(s) of the California health and Safety Code (HSC), California Code of Regulation (CCR), or the San Diego County Code (SDCC) indicated in italics. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. UPF = Unified Program Facility; MW = Medical Waste; USPS = United States Postal Service; DOT = Department of Transportation

MEDICAL WASTE GENERATORS

STORAGE AND LABELING

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> HMD4201	UPF Permit not obtained. HSC 117705; SDCC 68.905, 68.906, 68.1202
<input type="checkbox"/> HMD4216	Failed to submit or report in CERS chemical inventory information for hazardous waste and/or medical waste, and keep up to date. SDCC 68.904(a)(2)
<input type="checkbox"/> HMD4202	Medical waste (MW) not separated from other waste at the point of origin. HSC 118275
<input type="checkbox"/> HMD4203	Enclosure or designated accumulation area for MW containers not secured. HSC 118307, 118310
<input type="checkbox"/> HMD4204	MW designated accumulation area not posted with an approved, legible biohazardous waste "warning sign" in English & Spanish or in another language, in addition to English which can be read from a distance of at least 25 feet. HSC 118310
<input type="checkbox"/> HMD4205	Medical SOLID WASTE not secured to deny access to unauthorized persons. SDCC 68.1211
<input type="checkbox"/> HMD4206	Leak or spill of MW not properly decontaminated. HSC 118300
<input type="checkbox"/> HMD4207	Sharps not stored in approved container or labeled with the words "sharps waste" or with the international biohazard symbol and the word "BIOHAZARD". HSC 118285(a) & (d)
<input type="checkbox"/> HMD4208	Full sharps container not taped closed or tightly-lidded to preclude loss of contents. HSC 118285(b)
1 <input checked="" type="checkbox"/> HMD4209	Primary containers accumulating MW not labeled with an electronic tracking system label or a label with generator's name, address and phone number. SDCC 68.1205
<input type="checkbox"/> HMD4210	Medical waste not stored in approved and properly marked biohazard bags. HSC 118275(a)
<input type="checkbox"/> HMD4211	Biohazard bags not tied off to prevent leakage or expulsion of contents during storage and handling. HSC 118280(a)
<input type="checkbox"/> HMD4212	Biohazardous bags not containerized in rigid, leak resistant, and covered containers or bins when placed for storage, handling, or transport. HSC 118280(c)
<input type="checkbox"/> HMD4213	Waste container or bin not labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD" on the lid and sides. HSC 118280(c)
<input type="checkbox"/> HMD4214	Reusable containers or bins for MW storage not thoroughly washed and decontaminated and maintained in a clean and sanitary manner. HSC 118295, 118305
<input type="checkbox"/> HMD4215	Frozen (0°C/32°F) biohazardous waste stored for not more than 90 days. HSC 118280(e)(2)
<input type="checkbox"/> HMD4306	Full sharps container stored not more than 30 days at >0°C. HSC 118285(c)
<input type="checkbox"/> HMD4307	Biohazard bag waste stored not more than 7 days at >0°C (for generators of 20 or more pounds a month). HSC 118280(e)(1)(A)
<input type="checkbox"/> HMD4308	Biohazard bag waste stored >30 days at >0°C (for generators of <20lbs/month). HSC 118280(e)(1)(B)
<input type="checkbox"/> HMD4219	MW interim storage area not marked with warning signs or international biohazard symbol legible from a distance of 5 feet. HSC 118307, 118310
<input type="checkbox"/> HMD4220	MW interim storage area not properly secured. HSC 118307

TREATMENT AND DISPOSAL

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> HMD4251	MW treated by unapproved method/procedure. HSC 118215
<input type="checkbox"/> HMD4252	Standard written operating procedures for steam sterilization not established. HSC 118215(a)(2)(A)
<input type="checkbox"/> HMD4253	Recording thermometer not calibrated annually. HSC 118215(a)(2)(B)
<input type="checkbox"/> HMD4254	No records of annual thermometer calibration checks onsite for at least the past 2 years. HSC 118215(a)(2)(B)
<input type="checkbox"/> HMD4255	Heat-sensitive tape or other approved method not used for each load treated onsite. HSC 118215(a)(2)(C)
<input type="checkbox"/> HMD4256	Monthly biological indicator or other approved indicator not used to confirm proper sterilization. HSC 118215(a)(2)(D)
<input type="checkbox"/> HMD4257	Onsite steam sterilization did not reach 121° C (250° F) for at least 30 minutes. HSC 118215(a)(2)(B)
<input type="checkbox"/> HMD4258	Treatment records or logs of dates, time, and temperature not maintained for at least 2 years. HSC 118215(a)(2)(E)
<input type="checkbox"/> HMD4259	Disposal of untreated MW to an unauthorized point. HSC 118340

TRANSPORTATION REQUIREMENTS

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> HMD4260	Transportation of MW without State Hauler Registration, USPS or requirements of the DOT "Materials of Trade Exceptions." HSC 118025
<input type="checkbox"/> HMD4311	Medical waste tracking documents or logs not in vehicle transporting medical waste. HSC 118040(a)
<input type="checkbox"/> HMD4313	Medical waste tracking documents or logs not complete. HSC 118040(b)

SMALL QUANTITY GENERATORS ONLY

(<200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

#	<u>VIOLATION DESCRIPTION</u>
2 <input checked="" type="checkbox"/> HMD4301	Medical Waste Management Plan (MWMP) not submitted to HMD (initial/updates), if onsite treatment. HSC 117935
<input type="checkbox"/> HMD4302	Did not maintain and show proof of "onsite" medical waste treatment records for 3 years. HSC 117943
<input type="checkbox"/> HMD4303	Did not maintain on file disposal receipts, tracking or shipping documents for medical waste shipped offsite for at least 3 years. HSC 117945
<input type="checkbox"/> HMD4309	MWMP or equivalent information not onsite (only for SQG doing onsite treatment or comply with pharmaceutical waste hauling exemption). HSC 117935, 118032



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 09/18/2018 PAGE 5 OF 5
 RECORD ID #: DEH2014-HUPFP-001150

Medical Waste Generators (continued)

HMD4310 Did not meet the requirements of the pharmaceutical waste hauling exemption. HSC 118032

LARGE QUANTITY GENERATORS ONLY

(>= 200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> HMD4351 | MWMP not submitted to HMD (initial/updates) or incomplete. HSC 117960, 117970 |
| <input type="checkbox"/> HMD4352 | Records of medical waste treatment not available for 2 years. HSC 117975, 118215(a)(2)(E) |
| <input type="checkbox"/> HMD4353 | Did not make available disposal receipts, tracking or shipping documents for at least 2 years for medical waste shipped offsite. HSC 117975 |

LOG MW ONSITE TREATMENT FACILITY

(>= 200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> HMD4501 | Onsite MW treatment permit not obtained or renewed. HSC 117950, 118130; CCR 65620, 65623 |
| <input type="checkbox"/> HMD4502 | Current copy of the MW treatment permit not available. HSC 118165, 118180; CCR 65621(f), 65623 |
| <input type="checkbox"/> HMD4503 | Condition(s) of the MW treatment permit violated. CCR 65623 |
| <input type="checkbox"/> HMD4504 | Operators who treat medical waste not trained in proper equipment use, proper protective equipment to wear and if necessary, proper cleanup of spills.
HSC 117967(a) |
| <input type="checkbox"/> HMD4505 | Initial and/or annual training for operators that treat medical waste not provided. HSC 117967(b) |
| <input type="checkbox"/> HMD4506 | Initial and/or annual training documentation for operators that treat medical waste not available for two years. HSC 117967(c) |

CHEMOTHERAPY, PATHOLOGY, PHARMACEUTICAL HAZARDOUS & UNIVERSAL WASTES

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> HMD4401 | Trace chemotherapy waste not segregated from other MW. HSC 118275(a)(4) |
| <input type="checkbox"/> HMD4402 | Trace chemotherapy waste container not labeled "Chemotherapy Waste" or "CHEMO" on the lid and the sides. HSC 118275(a)(4) |
| <input type="checkbox"/> HMD4403 | Illegal disposal of chemotherapy waste. HSC 118340 |
| <input type="checkbox"/> HMD4411 | Pathology waste not segregated from other MW. HSC 118275(a)(5) |
| <input type="checkbox"/> HMD4412 | Pathology waste container not labeled "Pathology Waste" or "PATH" on the lid and the sides. HSC 118275(a)(5) |
| <input type="checkbox"/> HMD4413 | Illegal disposal of pathology waste. HSC 118340 |
| <input type="checkbox"/> HMD4421 | Pharmaceutical waste not segregated from other MW. HSC 118275(a)(6) |
| <input type="checkbox"/> HMD4422 | Pharmaceutical waste not labeled "HIGH HEAT" or "INCINERATION ONLY" on the lid and the sides. HSC 118275(a)(6) |
| <input type="checkbox"/> HMD4423 | Pharmaceutical waste stored more than 90 days when container is full, or stored longer than one year (maximum allowable time). HSC 118280(f) |
| <input type="checkbox"/> HMD4432 | Illegal disposal of pharmaceutical waste. HSC 118340, 118222(b) |
| <input type="checkbox"/> HMD4441 | Disposal of photo/hazwaste to an unauthorized point. HSC 25189.5 |
| <input type="checkbox"/> HMD0147 | Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2) |
| <input type="checkbox"/> HMD0307 | Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a), 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a), 66273.8(b) |

HM-9255 MW (06-17)



COUNTY OF SAN DIEGO

CORRECTIVE ACTION FORM TO DOCUMENT RETURN TO COMPLIANCE

FACILITY NAME: Crown Bioscience San Diego
 ADDRESS: 11011 TORREYANA RD 200
 CITY/ZIP: SAN DIEGO /92121-1104

INSPECTION DATE: 09/18/2018
 RECORD ID #: DEH2014-HUPFP-001150
 SPECIALIST: Darren Thai
 INSPECTION CONTACT: Christina Sanchez
 TITLE: QA Manager
 PHONE: (858) 622-2900
 E-MAIL: csanchez@crownbio.com

VIOL#	DATE CORRECTED	INDICATE HOW VIOLATIONS WERE CORRECTED (Attach Any Supporting Documentation)	DUE DATE
#1 HMD4209	09/18/2018	Corrected during inspection	10/18/2018
#2 HMD4301			10/18/2018

I certify under penalty of law that this facility has corrected all violations marked on the Compliance Inspection Report/Notice of Violation. I have personally examined and am familiar with the information submitted and believe the information is true, accurate and complete. I am authorized to file this certification for the facility, and am aware that there are significant penalties for submitting false information.

PRINTED NAME OF FACILITY REPRESENTATIVE	SIGNATURE	DATE SIGNED
TITLE OF FACILITY REPRESENTATIVE		

SEND COMPLETED FORM AND SUPPORTING DOCUMENTATION TO THE ADDRESS LISTED BELOW

COUNTY OF SAN DIEGO USE ONLY

REVIEWED BY: _____ DATE: _____

SPECIALIST'S COMMENTS:

- All violations noted on date listed above were corrected
- Based On Information Provided By The Facility RTC entered by Specialist on: _____
- Based On Field Verification By Specialist RTC entered by Office Assistant on: _____

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
<http://www.sdcdeh.org> 858-505-6880



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6880 FAX (858) 505-6848
<http://www.sdcdeh.org>



Medical Waste Management Plan

The San Diego County Department of Environmental Health, Hazardous Materials Division (HMD) is the local agency designated by the California Department of Public Health to implement the Medical Waste Management Act. This law governs the generation, handling, storage, transportation, treatment and disposal of medical waste to protect the public and the environment from potential infectious exposure to disease-causing agents.

The Medical Waste Management Plan (MWMP) is a document that describes the types and amount of medical waste generated at a specific location, and indicates how wastes are managed to ensure proper treatment and disposal. All Large Quantity Generators (LQGs) generating **≥200 pounds** of medical waste per month and Small Quantity Generators (SQGs) generating **<200 pounds** of medical waste per month that also treat their medical waste onsite, are required to submit their MWMP to the local enforcement agency. [Authority cited California Health and Safety Code § 117600 et seq.]

SQGs of medical waste that do not treat their medical waste onsite or do not transport waste under the Pharmaceutical Waste Hauling Exemptions, are not required to submit this form to the local enforcement agency; however are required for maintaining a document stating how they contain, store, treat, and dispose of any medical waste generated on file at their office. Completing a MWMP and keeping it at their office can satisfy this requirement. All uses of the Medical Waste Self-Haul and Pharmaceutical Waste Hauling Exemptions require recording and tracking documentation.

Attached is a blank MWMP form for your use. Please **complete, sign, and upload, as required above**, your MWMP to the "Locally-Required Documentation" of the "Hazardous Materials Inventory" section of your California Environmental Reporting System (CERS) facility. Retain a copy for your records and inspection review. If there are changes in any of the information on your MWMP, submit a revised form in CERS within 30 days of changes. Annual submittal of the MWMP is not required.

Additional information about CERS can be found at the following website:
http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html

If you have any questions, please contact your area inspector or the Hazardous Materials Division Duty Desk at (858) 505-6880.

Attachment

"Environmental and public health through leadership, partnership and science"

MEDICAL WASTE – DEFINITION OF TERMS

MEDICAL WASTE means biohazardous, pathology, pharmaceutical, or trace chemotherapy waste not regulated by the federal Resource Conservation and Recovery Act; sharps and trace chemotherapy wastes generated in a health care setting in the diagnosis, treatment, immunization, or care of humans or animals; waste generated in autopsy or necropsy; waste generated during preparation of a body for final disposition such as cremation or interment; waste generated in research pertaining to the production or testing of microbiologicals; waste generated in research using human or animal pathogens; sharps and laboratory waste that poses a potential risk of infection to humans generated in the inoculation of animals in commercial farming operations; waste generated from the consolidation of home-generated sharps; and waste generated in the cleanup of trauma scenes.

BIOHAZARDOUS WASTE means all of the following (A-D):

(A) (i) Regulated medical waste, clinical waste, or biomedical waste that is a waste or reusable material derived from the medical treatment of a human or from an animal that is suspected by the attending veterinarian of being infected with a pathogen that is also infectious to humans, which includes diagnosis and immunization; or from biomedical research, which includes the production and testing of biological products.

(ii) Regulated medical waste or clinical waste or biomedical waste suspected of containing a highly communicable disease.

(B) Laboratory waste such as human specimen cultures or animal specimen cultures that are infected with pathogens that are also infectious to humans; cultures and stocks of infectious agents from research; wastes from the production of bacteria, viruses, spores, discarded live and attenuated vaccines used in human health care or research, discarded animal vaccines, including Brucellosis and Contagious Ecthyma, as defined by the department; culture dishes, devices used to transfer, inoculate, and mix cultures; and wastes identified by Section 173.134 of Title 49 of the Code of Federal Regulations as Category B “once wasted” for laboratory wastes.

(C) Waste that, at the point of transport from the generator’s site or at the point of disposal contains recognizable fluid human blood, fluid human blood products, containers, or equipment containing human blood that is fluid, or blood from animals suspected by the attending veterinarian of being contaminated with infectious agents known to be contagious to humans.

(D) Waste containing discarded materials contaminated with excretion, exudate, or secretions from humans or animals that are required to be isolated by the infection control staff, the attending physician and surgeon, the attending veterinarian, or the local health officer, to protect others from highly communicable diseases or diseases of animals that are communicable to humans.

SHARPS CONTAINERS means a rigid puncture-resistant container used in patient care or research activities meeting the standards of, and receiving approval from the United States Food and Drug Administration as a medical device used for the collection of discarded medical needles or other sharps.

“BIOHAZARD BAG” means a disposable film bag that is impervious to moisture. The film bags that are used for transport shall be marked and certified by the manufacturer as having passed the tests prescribed for tear resistance in the American Society for Testing Materials (ASTM) D1922, “Standard Test Method for Propagation Tear Resistance of Plastic Film and Thin Sheeting by Pendulum Method” and for impact resistance in ASTM D 1709, “Standard Test Methods for Impact Resistance of Plastic Film by the Free-Falling Dart Method,” as those documents were published in January 1, 2014. The film bag shall meet an impact resistance of 165 grams and a tearing resistance of 480 grams in both parallel and perpendicular planes with respect to the length of the bag. The color of the bag shall be red; except when yellow bags are used to further segregate trace chemotherapy waste and white bags are used to further segregate pathology waste.

STORAGE AREA WARNING SIGN is: A sign posted at a designated accumulation area, visible for 25 feet, used to store medical waste which must read in English, “CAUTION—BIOHAZARDOUS WASTE STORAGE AREA—UNAUTHORIZED PERSONS KEEP OUT” and in Spanish, “CUIDADO-ZONA DE RESIDUOS—BIOLOGICOS PELIGROSOS—PROHIBIDA LA ENTRADA A PERSONAS NO AUTORIZADAS” or in another language determined to be appropriate. Intermediate storage areas shall be marked with the international biohazardous symbol or the signage noted above. These warning signs shall be readily legible from a distance of five feet.

PHARMACEUTICAL WASTE (a) means a pharmaceutical, as defined in Section 117747, including trace chemotherapy waste, that is a waste, as defined in Section 25124. (b) For purposes of this part, “pharmaceutical waste” does not include any pharmaceutical that meets either of the following criteria:

(1) The pharmaceutical is being sent out of the State of California to a reverse distributor, as defined in Section 4040.5 of the Business and Professions Code, that is licensed as a wholesaler of dangerous drugs by the California State Board of Pharmacy pursuant to Section 4161 of the Business and Professions Code.

(2) The pharmaceutical is being sent by a reverse distributor, as defined in Section 4040.5 of the Business and Professions Code, offsite for treatment and disposal in accordance with applicable laws, or to a reverse distributor that is licensed as a wholesaler of dangerous drugs by the California State Board of Pharmacy pursuant to Section 4160 of the Business and Professions Code and as a permitted transfer station if the reverse distributor is located within the State of California.



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6880 FAX (858) 505-6848
<http://www.sdcdeh.org>



Medical Waste Management Plan

Facility Information	
Business Name Crown Bioscience San Diego	Unified Program Facility Permit # DEH2014-HUPFP-001150
Type of Business Contract Research Organization	Date 10 August 2018
Street Address 11011 Torreyana Rd Suite 200	City/ZIP 92121
Person Responsible for implementing the Medical Waste Management Plan (MWMP)	
Name Jane Morrow	
Title In-Vivo Manager	Phone (858) 382-2173
Types of medical wastes (MW) generated	
<input checked="" type="checkbox"/> MW Sharps - e.g., needles, blades, scalpels, or broken glass or syringes contaminated with biohazardous waste. (human or animal) Estimated monthly amount <u>60</u> lbs	<input type="checkbox"/> Blood or blood products - liquid blood or blood products, or other regulated body fluids, or articles contaminated with liquid blood or body fluids. Estimated monthly amount _____ lbs
<input checked="" type="checkbox"/> Laboratory wastes – infectious specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, biologicals, and culture media. Estimated monthly amount <u>4200</u> lbs	<input type="checkbox"/> Pathology waste – human or animal tissues suspected to be infectious to humans Estimated monthly amount _____ lbs
<input checked="" type="checkbox"/> Liquid or semi-liquid biohazardous laboratory waste - treated on site by chemical disinfection* and discharged to sewer. Estimated monthly amount <u>1056</u> lbs	<input type="checkbox"/> Isolation waste - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases. Estimated monthly amount _____ lbs
<input type="checkbox"/> Trace chemotherapeutic waste Estimated monthly amount _____ lbs	<input checked="" type="checkbox"/> Contaminated animals w/Highly communicable animal carcasses, body parts, tissues or fluids suspected to be contaminated by agents which are contagious. Estimated monthly amount <u>60</u> lbs
<input type="checkbox"/> California-regulated pharmaceutical waste (non-RCRA, non-radioactive) Estimated monthly amount _____ lbs	<input type="checkbox"/> Other (specify): _____ Estimated monthly amount _____ lbs
Estimate of <u>TOTAL</u> monthly medical waste for generator classification: <u>4800</u> lbs	
Estimate of other monthly medical wastes (does not count towards generator class):	
<input type="checkbox"/> Home Generated MW Sharps Estimated Monthly Amount _____ lbs.	<input type="checkbox"/> Home Generated Pharmaceutical Waste Estimated monthly amount _____ lbs.
ONSITE MEDICAL WASTE TREATMENT ONLY: Method & capacity of medical waste treatment <i>if performed onsite</i> :	
<input checked="" type="checkbox"/> Steam Autoclaving <input type="checkbox"/> Other state approved alternative technology (specify below): _____	
Treatment records must be maintained for three years for small quantity generators, and maintained two years for large quantity generators. (HSC§117943; HSC§117975)	

*Per HSC §118215(c), for liquid or semi-liquid biohazardous laboratory waste (§117690(b)(1)(B)), the treatment method must be recognized by the NIH, the CDC, or the American Biological Safety Association. If the chemical disinfection of the medical waste causes the waste to become a hazardous waste, the waste shall be managed in accordance with the requirements of HSC Chapter 6.5 (commencing with §25100) of Division 20.

Medical Waste Management Plan

The following requirements apply to LQGs (HSC§117960), and SQGs that treat MW on-site, or use the Pharmaceutical Waste Hauling Exemption. (HSC§118032)

Emergency Action Plan

This plan is to be followed to ensure the proper disposal of medical waste, including controlled substances in compliance with DEA, approved incineration of pharmaceutical and trace chemotherapy in the event of a natural disaster, spill, treatment system break down, power failure, etc., and closure plan at termination (600 characters max. for WORD interactive form - use additional sheets if necessary). (LQG HSC§117960(h); SQG HSC§117935).

Registered hazardous waste hauler/common carrier used to remove untreated medical waste (if applicable)	
Primary Hauler Name Stericycle	Phone # (866) 783-7444
Street Address 2775 26th St	City/ZIP Vernon, 90058
Contact Person Cristina Venticinque	Contact Phone # (847) 943-6150
Offsite treatment facility to which medical waste is transported (if applicable)	
Facility Name Stericycle	Phone # (866) 783-7422
Street Address 2775 26th St	City/ZIP Vernon, 90058
Contact Person Cristina Venticinque	Contact Phone # (847) 943-6150
<u>Pharmaceutical Waste Categorization</u> If applicable, the steps taken to categorize the pharmaceutical wastes generated at the facility to ensure that the wastes are properly disposed of as follows: (1) Pharmaceutical wastes classified by the federal Drug Enforcement Administration (DEA) as "controlled substances" are disposed of in compliance with DEA requirements. (2) <u>The name and business address of the registered hazardous waste hauler used by the generator to have wastes that are not regulated pursuant to the federal Resource Conservation and Recovery Act of 1976 and nonradioactive pharmaceutical wastes regulated as medical waste safely removed for treatment in compliance with subdivision (b) of Section 118222 as waste requiring specific methods.</u> (LQG:HSC§117960(i); SQG:HSC§117935(i))	
<u>Closure Plan</u> A closure plan for the termination of treatment at the facility using, at a minimum, one of the methods of decontamination specified in subdivision (a) or (b) of Section 118295, thereby rendering the property to an acceptable sanitary condition following the completion of treatment services at the site. (LQG: HSC§117960(j); SQG: HSC§117935(j))	
I hereby certify to the best of my knowledge and believe the statements made herein are correct and accurate.	
Name JANE MORROW	
Title IN VIVO MANAGER	
Signature Jane Morrow	Date 10 Aug 2018

F1ONCOLOGY, INC

07/15/2016

To whom it may concerns

This is to inform you that Crown Bioscience San Diego will be using the chemical hood in F1Oncology lab space to store their chemical waste and Crown Bioscience will be responsible for proper disposal of the waste and maintenance of the chemical hood,

If you have any questions please contact us,

Regards,

Farzad Haerizadeh

Farzad Haerizadeh, PhD
Senior Director, R&D

F1Oncology Inc.

11011 Torreyana Rd, San Diego, CA 92121
Main: 858-275-6280

Gurfield, Arleen

From: Gurfield, Arleen
Sent: Friday, September 7, 2018 8:53 AM
To: 'Brian Lee'; Yuki Kato Maves; Christina Sanchez; Jane Morrow
Cc: Irkhin, Anastasiya; Thai, Darren; Herrera, Zoraida
Subject: RE: Application for On-Site Medical Waste Treatment Permit - Crown Bioscience San Diego

Good Morning Yuki, Christina, and Jane,
I apologize for the delay in getting back to you. I have reviewed your application for medical waste treatment and am unable to approve it at this time for the following reasons:

1. Your application was missing your:
 - a. Emergency Action Plan
 - b. Training Plan
 - c. Closure Plan
2. Payment for the treatment application review was not received
3. Discrepancies between application and Medical Waste Management Plan on file with HMD
4. Poor compliance history with lack of detail on how process improvements were made

If you have any questions or concerns regarding medical waste treatment, please contact your new inspector, Darren Thai or myself; my contact information is below.

Best Regards,
Arleen Gurfield, MPH, REHS
Supervising Environmental Health Specialist - East Group
County of San Diego - Department of Environmental Health
Hazardous Materials Division
P.O. Box 129261
San Diego, CA 92112-9261
phone: (858) 505-6779

CONFIDENTIALITY NOTICE: This communication and any attachments may contain confidential and/or legally privileged information. It is solely for the use of the intended recipient(s). Unauthorized interception, use, review, copying, distribution, or disclosure is prohibited and may violate applicable laws including the Electronic Communications Privacy Act. If you are not the intended recipient, please notify the sender immediately by replying to this message and destroying the original and all copies. Thank you for your assistance.

From: Brian Lee [mailto:blee@crownbio.com]
Sent: Tuesday, August 7, 2018 10:23 AM
To: Irkhin, Anastasiya <Anastasiya.Irkhin@sdcounty.ca.gov>; Gurfield, Arleen <Arleen.Gurfield@sdcounty.ca.gov>
Cc: Yuki Kato Maves <ymaves@crownbio.com>; Christina Sanchez <csanchez@crownbio.com>; Jane Morrow <jmorrow@crownbio.com>
Subject: RE: Application for On-Site Medical Waste Treatment Permit - Crown Bioscience San Diego

Thanks Anastasiya for the update,

We will be on stand by for our application review.

Since I will not be at CBSD, please update our site EHS Team: Yuki, Christina, Jane. Our objective is reach eligible standing and join the EPIC+ Program. We have and are making changes to reach greater level of compliance with the SD County standards.

Thanks,

Brian Lee

Operations Supervisor

Crown Bioscience San Diego, Inc.

Email: blee@crownbio.com

Mobile: (818) 389-7853

From: Irkhin, Anastasiya [<mailto:Anastasiya.Irkhin@sdcounty.ca.gov>]

Sent: Thursday, August 2, 2018 11:59 AM

To: Brian Lee <blee@crownbio.com>; Gurfield, Arleen <Arleen.Gurfield@sdcounty.ca.gov>

Cc: Yuki Kato Maves <ymaves@crownbio.com>; Christina Sanchez <csanchez@crownbio.com>; Jane Morrow <jmorrow@crownbio.com>

Subject: RE: Application for On-Site Medical Waste Treatment Permit - Crown Bioscience San Diego

Hi Brian,

Thank you for your email. After reviewing your facility's compliance history, Crown Bioscience is not currently eligible to be a participant in the EPIC+ program. The program requires that the last two full scope inspections (Hazardous Waste, Hazardous Materials, and Medical Waste) score less than 15 points worth of violations. Your facility has exceeded these totals in both of the inspections (2017 inspection and 2015 inspection). The scoring outline for violations is specified on the EPIC+ application found here:

https://www.sandiegocounty.gov/content/dam/sdc/deh/hmd/pdf/hmd_EPIC%20Application%20Editable%2008.2017.pdf

Arleen Gurfield will respond to you regarding the Medical Waste Treatment Permit.

Let me know if there is anything else I can help you with.

Regards,



ANASTASIYA IRKHIN

ENVIRONMENTAL HEALTH SPECIALIST

County of San Diego, Department of Environmental Health

Hazardous Materials Division

TEL: (858) 518-7388

From: Brian Lee [<mailto:blee@crownbio.com>]

Sent: Wednesday, August 1, 2018 2:51 PM

To: Gurfield, Arleen <Arleen.Gurfield@sdcounty.ca.gov>

Cc: Yuki Kato Maves <ymaves@crownbio.com>; Christina Sanchez <csanchez@crownbio.com>; Jane Morrow <jmorrow@crownbio.com>; Irkhin, Anastasiya <Anastasiya.Irkhin@sdcounty.ca.gov>

Subject: Application for On-Site Medical Waste Treatment Permit - Crown Bioscience San Diego

Hello Arleen,

Attached is the completed application for the On-Site Medical Waste Treatment Permit.

Not sure if you recall but we spoke at the EPIC conference. I had a few questions.

1. I was wondering if we can qualify for the 25% permit discount?
2. I also wanted to verify if our permit can be transferred to another site since we are moving early next year. I recall you said that this was a possibility.

Unfortunately, I will be leaving CBSD August 10th. Please feel free to reach out to Jane Morrow CC'ed on this email if you require additional information.

Thanks for your direction and support thus far,

Brian Lee

Operations Supervisor

Crown Bioscience San Diego, Inc.

Email: blee@crownbio.com

Mobile: (818) 389-7853



CERS: 10503748
ID#: DEH2014-HUPFP-
001150

County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6880 FAX (858) 505-8848
<http://www.sdcdoh.org>

APPLICATION FOR ON-SITE MEDICAL WASTE TREATMENT PERMIT

Dear Business Owner/Operator:

If your medical facility generates 200 pounds or more of medical waste in any calendar month and treats any of that waste*, you are required to obtain an On-Site Medical Waste Treatment Permit from the Certified Unified Program Agency (CUPA).

To comply with this requirement you must complete the enclosed application and pay an initial 2-hour review fee. Please call the Hazardous Materials Duty Desk at 858-505-6880 for the current hourly rate. Make your check payable to: COUNTY OF SAN DIEGO. If additional processing hours are accrued, you will receive an invoice. Fees must be paid in full before the permit is issued.

Send your completed application attached with your payment to:

County of San Diego
Department of Environmental Health
Hazardous Materials Division
ATTN: Medical Waste Coordinator
P.O. Box 129261
San Diego, CA 92112-9261

When approved, your permit is valid for 5 years. You must notify the Hazardous Materials Division (HMD) of any changes that may occur during this time. To renew this permit you must submit a completed On-Site Medical Waste Treatment Permit application at least 90 days prior to the expiration date on the current permit.

State law specifies that an application for a treatment facility must be submitted and approved to operate a medical waste treatment unit. Failure to obtain a medical waste treatment permit is a violation and subject to a penalty of up to \$2,000 or one year in county jail, or both.

If you have any questions, please call the Hazardous Materials Duty Desk at (858) 505-6880 or e-mail hmdutyeh@sdcounty.ca.gov.

*If all the treated medical waste is subsequently handled, stored, and sent off site for further treatment as medical waste to a permitted medical waste treatment facility, an Onsite Treatment Permit is not required. The medical waste generator shall notify the CUPA in writing of such activities.

UPFP: _____

MEDICAL WASTE TREATMENT PERMIT APPLICATION

Date application was received: 1 / 1 /

Name of Facility: CROWN BIOSCIENCE

Facility's Contact Person(s) YUKI Phone Number 310 709-5095
MAVES BRIAN (818) 389-7853
Last First M.I.

THATTE JAYANT (858) 208-8700
Last First M.I.

Facility's Address: 11011 TORREYANA RD SAN DIEGO CA 92121
Street No. Street Name City State Zip Code

Mailing Address (if different from above): _____
Street No. Street Name City State Zip Code

FACILITY STATUS

Place an "X" on the appropriate line to indicate whether this application is for a facility with either a new Unified Program Facility Permit or an existing Unified Program Facility Permit.

- New Facility Permit
 - Existing Facility Permit
- If an existing facility, please indicate the purpose of this application. Place an "X" on the appropriate line below to indicate whether this is a renewal application, a facility modification, transfer of ownership, revised application, or an initial request for a permit.
- a. Initial Request for a Permit
 - b. Modification
 - c. Transfer of Ownership
 - d. Permit Revision
 - e. Permit Renewal

APPLICATION INFORMATION (Note: Provide the information requested below on a separate page attached to the completed application).

A. Estimated Weight and Volume

- ✓ 1. Average monthly quantity of medical waste to be stored and/or treated at this facility.
- ✓ 2. The rated capacity per operational cycle, the time per cycle, the number of operating hours per day, and the days per week of operation.
- ✓ 3. Type and description of medical waste being treated. What measures will be employed to prevent unauthorized waste (e.g., chemical waste, chemotherapy waste, etc.) from being treated at the facility.

705 lbs in MWMP

UPFP: _____

B. Compliance History

A description of your compliance history relative to local, state or federal regulations regarding the handling, storage, or treatment of medical waste during the previous three years. Include information from other facilities under your control for the same period.

FACILITY OWNER

Name of legal owner of facility

Phone Number

THATTE JAYANT
Last First M.I.

(858) 208-8700

Address: 11011 TORREYANA RD SAN DIEGO CA 92121
Street or P.O. Box No. Street Name City State Zip Code

MEDICAL WASTE TREATMENT EQUIPMENT SPECIFICATIONS

Each medical waste treatment unit must be described below. The following information shall be completed and submitted along with the application. Submit a separate sheet for each medical waste treatment unit.

Must complete the following information: (please print or type information)

Steam Sterilization Alkaline Hydrolysis Other (specify): _____

1. Date of equipment installation: 5/14/2016
2. Manufacturer's Name: STERIS AMSCO EAGLE
3. Model Number: R78VS-5
4. Serial Number: 0123584-013
5. Provide the exact location and/or room number where the treatment unit will be operated:
1st FLOOR, AUTOCLAVE ROOM
20-100125
6. Provide the rated capacity of the treatment unit: _____ pounds/hour of waste treated.
7. Provide the date when the treatment equipment was last serviced by a "manufacturer-authorized" technician: 5/18/18 (Every 3 months)

UPFP: _____

EMERGENCY ACTION PLAN

n. Attach a copy of your Emergency Action Plan with this application.

TRAINING PLAN

n. Attach a copy of your Employee Training Plan for medical waste management with this application.

CLOSURE PLAN

n. Attach a copy of your Closure Plan and a written estimate of the cost of closing the medical waste storage and treatment areas.

CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

n/a. Medical waste treatment technologies, such as hydrolysis or incineration, require a preliminary CEQA review, pursuant to California Code of Regulations (22CCR§65610(a)). To comply with CEQA requirements, HMD reviews the treatment method for any significant impact on the environment. A CEQA review is not required when treating medical waste by steam sterilization.

SIGNATURE CERTIFICATION

Owner and operator certification:

I certify under penalty of perjury that this document and all the attachments have been prepared under my direction and supervision in accordance with a system to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those directly responsible for gathering the information, the information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Owner's Name (print or type): JAYANT THATTE

Signature: [Handwritten Signature]

Date: 7/24/18

Medical Waste Treatment Permit Application Supplemental Information

A. Estimated Weight and Volume

1. The average monthly quantity of medical waste to be stored and/or treated at this facility.
 - a. 480-2400lbs *~ 705 lbs in MWMP*
2. The rated capacity per operation cycle, the time per cycle, the number of operating hours per day, and the day per week of operation.
 - a. Rated capacity per operation cycle: 100lbs
 - b. Time per Cycle: 40 mins
 - c. Operating Hours per Day: 4hrs
 - d. Days per week: Mon-Fri 5 days a week
3. Type and description of medical waste being treated. What measures will be employed to prevent unauthorized waste (eg., chemical, chemotherapy waste, etc.) from being treated at the facility?

- a. At the CBSD site, only medical waste *only biohaz?* will be treated. This includes items which come in contact with any BSL-2 materials, such as PPE, disposable animal cages, and soiled animal bedding. Only CBSD designated and trained personnel will have the authorization to autoclave medical waste at our site. Any *trace chem* unauthorized waste (sharps, chemical waste, and chemotherapy waste) will not be treated at our facility and is picked up by a contracted hazardous waste management company. An SOP on hazardous waste management is currently in draft. The estimated effective date is ~31 AUG 2018. Once finalized all laboratory and vivarium staff will be trained.

B. Compliance History

1. A description of your compliance history relative to local, state and federal regulations regarding the handling, storage, or treatment of medical waste during the previous three years. Include information from other facilities under your control for the same period.
 - a. After some non-compliance findings regarding medical waste in 2015-2017 with previous staff no longer employed at CBSD, CBSD has made major improvements to ensure compliance with all local, state and federal regulations. Previous violations have been addressed. These improvements include standard operating procedures which delineate specified processes, procedures and required training of staff. An addition to our staff includes an In-Vivo manager with over 37 years of experience in vivarium operations, including proper handling, storage, and treatment of medical waste. CBSD also now works with a local consulting company specialized in environmental compliance to perform site inspections and document review in order to monitor compliance.



*No sharps or
trace chemo
sept separately?
SOP?*

for what?

whom?

Wed 8:30 am

reviewed 8/24/18

1.0 hrs.

Missing ⁶ \$

- ② emergency action
- ③ training plan
- ④ closure plan
- ⑤ SOPS?
- ⑥ already treating?



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
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<http://www.sdcdeh.org>



Medical Waste Management Plan

Facility Information	
Business Name Crown Bioscience San Diego, Inc	Unified Program Facility Permit # DEH2014-HUPFP-001150
Type of Business Contract Research Organization	Date 15 March 2018
Street Address 11011 Torreyana Rd Suite 200	City/ZIP 92121
Person Responsible for implementing the Medical Waste Management Plan (MWMP)	
Name Brian Lee	
Title Operations Supervisor	Phone (818) 389-7853
Types of medical wastes (MW) generated	
<input checked="" type="checkbox"/> MW Sharps - e.g., needles, blades, scalpels, or broken glass or syringes contaminated with biohazardous waste. (human or animal) Estimated monthly amount 50 lbs	<input type="checkbox"/> Blood or blood products - liquid blood or blood products, or other regulated body fluids, or articles contaminated with liquid blood or body fluids. Estimated monthly amount _____ lbs
<input checked="" type="checkbox"/> Laboratory wastes - infectious specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, biologicals, and culture media. Estimated monthly amount 425 lbs	<input type="checkbox"/> Pathology waste - human or animal tissues suspected to be infectious to humans Estimated monthly amount _____ lbs
<input checked="" type="checkbox"/> Liquid or semi-liquid biohazardous laboratory waste - treated on site by chemical disinfection* and discharged to sewer. Estimated monthly amount 170 lbs	<input type="checkbox"/> Isolation waste - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases. Estimated monthly amount _____ lbs
<input checked="" type="checkbox"/> Trace chemotherapeutic waste Estimated monthly amount 5 lbs	<input checked="" type="checkbox"/> Contaminated animals w/Highly communicable animal carcasses, body parts, tissues or fluids suspected to be contaminated by agents which are contagious. Estimated monthly amount 55 lbs
<input type="checkbox"/> California-regulated pharmaceutical waste (non-RCRA, non-radioactive) Estimated monthly amount _____ lbs	<input type="checkbox"/> Other (specify): _____ Estimated monthly amount _____ lbs
Estimate of TOTAL monthly medical waste for generator classification: 705 lbs	
Estimate of other monthly medical wastes (does not count towards generator class):	
<input type="checkbox"/> Home Generated MW Sharps Estimated Monthly Amount _____ lbs.	<input type="checkbox"/> Home Generated Pharmaceutical Waste Estimated monthly amount _____ lbs.
ONSITE MEDICAL WASTE TREATMENT ONLY: Method & capacity of medical waste treatment if performed onsite:	
<input checked="" type="checkbox"/> Steam Autoclaving <input type="checkbox"/> Other state approved alternative technology (specify below): <i>are they already treating?</i>	
Treatment records must be maintained for three years for small quantity generators, and maintained two years for large quantity generators. (HSC§117943; HSC§117975)	


*Per HSC §118215(c), for liquid or semi-liquid biohazardous laboratory waste (§117690(b)(1)(B)), the treatment method must be recognized by the NIH, the CDC, or the American Biological Safety Association. If the chemical disinfection of the medical waste causes the waste to become a hazardous waste, the waste shall be managed in accordance with the requirements of HSC Chapter 6.5 (commencing with §25100) of Division 20.

Medical Waste Management Plan

The following requirements apply to LQGs (HSC§117960), and SQGs that treat MW on-site, or use the Pharmaceutical Waste Hauling Exemption. (HSC§118032)

Emergency Action Plan

This plan is to be followed to ensure the proper disposal of medical waste, including controlled substances in compliance with DEA, approved incineration of pharmaceutical and trace chemotherapy in the event of a natural disaster, spill, treatment system break down, power failure, etc., and closure plan at termination (600 characters max. for WORD interactive form - use additional sheets if necessary). (LQG HSC§117960(h); SQG HSC§117935).

Registered hazardous waste hauler/common carrier used to remove untreated medical waste (if applicable)	
Primary Hauler Name Stericycle	Phone # (866) 783-7444
Street Address 2775 E 26th st	City/ZIP Vernon, CA
Contact Person N/A	Contact Phone # (866) 783-7444
Offsite treatment facility to which medical waste is transported (if applicable)	
Facility Name Same as above	Phone #
Street Address	City/ZIP
Contact Person	Contact Phone #
<u>Pharmaceutical Waste Categorization</u>	
<p>If applicable, the steps taken to categorize the pharmaceutical wastes generated at the facility to ensure that the wastes are properly disposed of as follows:</p> <p>(1) Pharmaceutical wastes classified by the federal Drug Enforcement Administration (DEA) as "controlled substances" are disposed of in compliance with DEA requirements.</p> <p><u>(2) The name and business address of the registered hazardous waste hauler used by the generator to have wastes that are not regulated pursuant to the federal Resource Conservation and Recovery Act of 1976 and nonradioactive pharmaceutical wastes regulated as medical waste safely removed for treatment in compliance with subdivision (b) of Section 118222 as waste requiring specific methods. (LQG:HSC§117960(i); SQG:HSC§117935(i))</u></p>	
<u>Closure Plan</u>	
<p>A closure plan for the termination of treatment at the facility using, at a minimum, one of the methods of decontamination specified in subdivision (a) or (b) of Section 118295, thereby rendering the property to an acceptable sanitary condition following the completion of treatment services at the site. (LQG: HSC§117960(j); SQG: HSC§117935(j))</p>	
I hereby certify to the best of my knowledge and believe the statements made herein are correct and accurate.	
Name BRIAN LEE	
Title OPERATIONS SUPERVISOR	
Signature 	Date 03/19/18

F1ONCOLOGY, INC

07/15/2016

To whom it may concerns

This is to inform you that Crown Bioscience San Diego will be using the chemical hood in F1Oncology lab space to store their chemical waste and Crown Bioscience will be responsible for proper disposal of the waste and maintenance of the chemical hood,

If you have any questions please contact us,

Regards,

Farzad Haerizadeh

Farzad Haerizadeh, PhD
Senior Director, R&D

F1Oncology Inc.

11011 Torreyana Rd, San Diego, CA 92121
Main: 858-275-6280

F1ONCOLOGY, INC

07/15/2016

To whom it may concerns

This is to inform you that Crown Bioscience San Diego will be using the chemical hood in F1Oncology lab space to store their chemical waste and Crown Bioscience will be responsible for proper disposal of the waste and maintenance of the chemical hood,

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Regards,

Farzad Haerizadeh

Farzad Haerizadeh, PhD
Senior Director, R&D

F1Oncology Inc.

11011 Torreyana Rd, San Diego, CA 92121
Main: 858-275-6280



COUNTY OF SAN DIEGO

CORRECTIVE ACTION FORM TO DOCUMENT RETURN TO COMPLIANCE

FACILITY NAME: Crown Bioscience San Diego
 ADDRESS: 11011 TORREYANA RD 200
 CITY/ZIP: SAN DIEGO /92121-1104

INSPECTION DATE: 09/19/2017
 RECORD ID #: DEH2014-HUPFP-001150
 SPECIALIST: Anastasiya Irkhin
 INSPECTION CONTACT: Shoana Sikorski
 TITLE: Lab & Vivarium Supervisor
 PHONE: (858) 622-2900
 E-MAIL: ssikorski@crownbio.com

VIOL#	DATE CORRECTED	INDICATE HOW VIOLATIONS WERE CORRECTED (Attach Any Supporting Documentation)	DUE DATE
#1 1010008	03/15/18	HMBP SUBMITTED TO CERS	10/19/2017
#2 1010004	03/15/18	CHEMICAL INVENTORY UPDATED IN CERS	10/19/2017
#3 1010017	03/15/18	HMBP IS AVAILABLE ONSITE	10/19/2017
#4 3030007	03/15/18	ALL HW CONTAINERS ARE PROPERLY LABELED	10/19/2017
#5 3010002	03/15/18	EPA ID NOW ACTIVE #CALD00406828	10/19/2017
#6 HMD0138	03/15/18	3 YEARS OF WASTE MANIFESTS COMPILED	10/19/2017
#7 HMD4209	03/15/18	MW CONTAINERS ^{ARE} LABELED PROPERLY	10/19/2017
#8 HMD4351	03/15/18	MWMP SUBMITTED IN CERS	10/19/2017
#9 HMD4353	03/15/18	MW DISPOSAL RECEIPTS ONSITE	10/19/2017

I certify under penalty of law that this facility has corrected all violations marked on the Compliance Inspection Report/Notice of Violation. I have personally examined and am familiar with the information submitted and believe the information is true, accurate and complete. I am authorized to file this certification for the facility, and am aware that there are significant penalties for submitting false information.

PRINTED NAME OF FACILITY REPRESENTATIVE <u>BRIAN LEE</u>	SIGNATURE 	DATE SIGNED <u>03/19/2018</u>
TITLE OF FACILITY REPRESENTATIVE <u>OPERATIONS SUPERVISOR</u>		

SEND COMPLETED FORM AND SUPPORTING DOCUMENTATION TO THE ADDRESS LISTED BELOW

Reviewed by: Anastasiya Irkhin 3/19/2018

Violations have been corrected based on information facility has provided

RTC entered into AA on 3/19/2018



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6880 FAX (858) 505-6848
<http://www.sdcdeh.org>



Medical Waste Management Plan

The San Diego County Department of Environmental Health, Hazardous Materials Division (HMD) is the local agency designated by the California Department of Public Health to implement the Medical Waste Management Act. This law governs the generation, handling, storage, transportation, treatment and disposal of medical waste to protect the public and the environment from potential infectious exposure to disease-causing agents.

The Medical Waste Management Plan (MWMP) is a document that describes the types and amount of medical waste generated at a specific location, and indicates how wastes are managed to ensure proper treatment and disposal. All Large Quantity Generators (LQGs) generating ≥ 200 pounds of medical waste per month and Small Quantity Generators (SQGs) generating < 200 pounds of medical waste per month that also treat their medical waste onsite, are required to submit their MWMP to the local enforcement agency. [Authority cited California Health and Safety Code § 117600 et seq.]

SQGs of medical waste that do not treat their medical waste onsite or do not transport waste under the Pharmaceutical Waste Hauling Exemptions, are not required to submit this form to the local enforcement agency; however are required for maintaining a document stating how they contain, store, treat, and dispose of any medical waste generated on file at their office. Completing a MWMP and keeping it at their office can satisfy this requirement. All uses of the Medical Waste Self-Haul and Pharmaceutical Waste Hauling Exemptions require recording and tracking documentation.

Attached is a blank MWMP form for your use. Please **complete, sign, and upload, as required above**, your MWMP to the "Locally-Required Documentation" of the "Hazardous Materials Inventory" section of your California Environmental Reporting System (CERS) facility. Retain a copy for your records and inspection review. If there are changes in any of the information on your MWMP, submit a revised form in CERS within 30 days of changes. Annual submittal of the MWMP is not required.

Additional information about CERS can be found at the following website:
http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html

If you have any questions, please contact your area inspector or the Hazardous Materials Division Duty Desk at (858) 505-6880.

Attachment

"Environmental and public health through leadership, partnership and science"

MEDICAL WASTE – DEFINITION OF TERMS

MEDICAL WASTE means biohazardous, pathology, pharmaceutical, or trace chemotherapy waste not regulated by the federal Resource Conservation and Recovery Act; sharps and trace chemotherapy wastes generated in a health care setting in the diagnosis, treatment, immunization, or care of humans or animals; waste generated in autopsy or necropsy; waste generated during preparation of a body for final disposition such as cremation or interment; waste generated in research pertaining to the production or testing of microbiologicals; waste generated in research using human or animal pathogens; sharps and laboratory waste that poses a potential risk of infection to humans generated in the inoculation of animals in commercial farming operations; waste generated from the consolidation of home-generated sharps; and waste generated in the cleanup of trauma scenes.

BIOHAZARDOUS WASTE means all of the following (A-D):

(A) (i) Regulated medical waste, clinical waste, or biomedical waste that is a waste or reusable material derived from the medical treatment of a human or from an animal that is suspected by the attending veterinarian of being infected with a pathogen that is also infectious to humans, which includes diagnosis and immunization; or from biomedical research, which includes the production and testing of biological products.

(ii) Regulated medical waste or clinical waste or biomedical waste suspected of containing a highly communicable disease.

(B) Laboratory waste such as human specimen cultures or animal specimen cultures that are infected with pathogens that are also infectious to humans; cultures and stocks of infectious agents from research; wastes from the production of bacteria, viruses, spores, discarded live and attenuated vaccines used in human health care or research, discarded animal vaccines, including Brucellosis and Contagious Ecthyma, as defined by the department; culture dishes, devices used to transfer, inoculate, and mix cultures; and wastes identified by Section 173.134 of Title 49 of the Code of Federal Regulations as Category B “once wasted” for laboratory wastes.

(C) Waste that, at the point of transport from the generator’s site or at the point of disposal contains recognizable fluid human blood, fluid human blood products, containers, or equipment containing human blood that is fluid, or blood from animals suspected by the attending veterinarian of being contaminated with infectious agents known to be contagious to humans.

(D) Waste containing discarded materials contaminated with excretion, exudate, or secretions from humans or animals that are required to be isolated by the infection control staff, the attending physician and surgeon, the attending veterinarian, or the local health officer, to protect others from highly communicable diseases or diseases of animals that are communicable to humans.

SHARPS CONTAINERS means a rigid puncture-resistant container used in patient care or research activities meeting the standards of, and receiving approval from the United States Food and Drug Administration as a medical device used for the collection of discarded medical needles or other sharps.

“BIOHAZARD BAG” means a disposable film bag that is impervious to moisture. The film bags that are used for transport shall be marked and certified by the manufacturer as having passed the tests prescribed for tear resistance in the American Society for Testing Materials (ASTM) D1922, “Standard Test Method for Propagation Tear Resistance of Plastic Film and Thin Sheeting by Pendulum Method” and for impact resistance in ASTM D 1709, “Standard Test Methods for Impact Resistance of Plastic Film by the Free-Falling Dart Method,” as those documents were published in January 1, 2014. The film bag shall meet an impact resistance of 165 grams and a tearing resistance of 480 grams in both parallel and perpendicular planes with respect to the length of the bag. The color of the bag shall be red; except when yellow bags are used to further segregate trace chemotherapy waste and white bags are used to further segregate pathology waste.

STORAGE AREA WARNING SIGN is: A sign posted at a designated accumulation area, visible for 25 feet, used to store medical waste which must read in English, “CAUTION—BIOHAZARDOUS WASTE STORAGE AREA—UNAUTHORIZED PERSONS KEEP OUT” and in Spanish, “CUIDADO-ZONA DE RESIDUOS—BIOLOGICOS PELIGROSOS—PROHIBIDA LA ENTRADA A PERSONAS NO AUTORIZADAS” or in another language determined to be appropriate. Intermediate storage areas shall be marked with the international biohazardous symbol or the signage noted above. These warning signs shall be readily legible from a distance of five feet.

PHARMACEUTICAL WASTE (a) means a pharmaceutical, as defined in Section 117747, including trace chemotherapy waste, that is a waste, as defined in Section 25124. (b) For purposes of this part, “pharmaceutical waste” does not include any pharmaceutical that meets either of the following criteria:

(1) The pharmaceutical is being sent out of the State of California to a reverse distributor, as defined in Section 4040.5 of the Business and Professions Code, that is licensed as a wholesaler of dangerous drugs by the California State Board of Pharmacy pursuant to Section 4161 of the Business and Professions Code.

(2) The pharmaceutical is being sent by a reverse distributor, as defined in Section 4040.5 of the Business and Professions Code, offsite for treatment and disposal in accordance with applicable laws, or to a reverse distributor that is licensed as a wholesaler of dangerous drugs by the California State Board of Pharmacy pursuant to Section 4160 of the Business and Professions Code and as a permitted transfer station if the reverse distributor is located within the State of California.



County of San Diego

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Medical Waste Management Plan

Facility Information	
Business Name Crown Bioscience San Diego	Unified Program Facility Permit # DEH2014-HUPFP-001150
Type of Business Contract Research Organization	Date 03 OCT 2018
Street Address 11011 Torreyana Rd Suite 200	City/ZIP 92121
Person Responsible for implementing the Medical Waste Management Plan (MWMP)	
Name Christina Sanchez	
Title Quality Assurance Manager	Phone 858-263-5706
Types of medical wastes (MW) generated	
<input checked="" type="checkbox"/> MW Sharps - e.g., needles, blades, scalpels, or broken glass or syringes contaminated with biohazardous waste. (human or animal) Estimated monthly amount <u>175</u> lbs	<input type="checkbox"/> Blood or blood products - liquid blood or blood products, or other regulated body fluids, or articles contaminated with liquid blood or body fluids. Estimated monthly amount _____ lbs
<input checked="" type="checkbox"/> Laboratory wastes – infectious specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, biologicals, and culture media. Estimated monthly amount <u>4,200</u> lbs	<input type="checkbox"/> Pathology waste – human or animal tissues suspected to be infectious to humans Estimated monthly amount _____ lbs
<input checked="" type="checkbox"/> Liquid or semi-liquid biohazardous laboratory waste - treated on site by chemical disinfection* and discharged to sewer. Estimated monthly amount <u>1,056</u> lbs	<input type="checkbox"/> Isolation waste - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases. Estimated monthly amount _____ lbs
<input type="checkbox"/> Trace chemotherapeutic waste Estimated monthly amount _____ lbs	<input checked="" type="checkbox"/> Contaminated animals w/Highly communicable animal carcasses, body parts, tissues or fluids suspected to be contaminated by agents which are contagious. Estimated monthly amount <u>60</u> lbs
<input type="checkbox"/> California-regulated pharmaceutical waste (non-RCRA, non-radioactive) Estimated monthly amount _____ lbs	<input type="checkbox"/> Other (specify): _____ Estimated monthly amount _____ lbs
Estimate of <u>TOTAL</u> monthly medical waste for generator classification: <u>5,491</u> lbs	
Estimate of other monthly medical wastes (does not count towards generator class):	
<input type="checkbox"/> Home Generated MW Sharps Estimated Monthly Amount _____ lbs.	<input type="checkbox"/> Home Generated Pharmaceutical Waste Estimated monthly amount _____ lbs.
ONSITE MEDICAL WASTE TREATMENT ONLY: Method & capacity of medical waste treatment <i>if performed onsite</i> :	
<input type="checkbox"/> Steam Autoclaving <input type="checkbox"/> Other state approved alternative technology (specify below): _____	
Treatment records must be maintained for three years for small quantity generators, and maintained two years for large quantity generators. (HSC§117943; HSC§117975)	

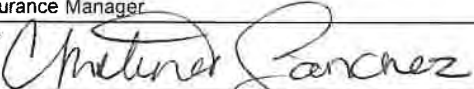
*Per HSC §118215(c), for liquid or semi-liquid biohazardous laboratory waste (§117690(b)(1)(B)), the treatment method must be recognized by the NIH, the CDC, or the American Biological Safety Association. If the chemical disinfection of the medical waste causes the waste to become a hazardous waste, the waste shall be managed in accordance with the requirements of HSC Chapter 6.5 (commencing with §25100) of Division 20.

Medical Waste Management Plan

The following requirements apply to LQGs (HSC§117960), and SQGs that treat MW on-site, or use the Pharmaceutical Waste Hauling Exemption. (HSC§118032)

Emergency Action Plan

This plan is to be followed to ensure the proper disposal of medical waste, including controlled substances in compliance with DEA, approved incineration of pharmaceutical and trace chemotherapy in the event of a natural disaster, spill, treatment system break down, power failure, etc., and closure plan at termination (600 characters max. for WORD interactive form - use additional sheets if necessary). (LQG HSC§117960(h); SQG HSC§117935).

Registered hazardous waste hauler/common carrier used to remove untreated medical waste (if applicable)	
Primary Hauler Name Stericycle	Phone # 331-300-3238
Street Address 2775 E. 26th Street	City/ZIP Vernon/90058
Contact Person Cristina Venticinque	Contact Phone # 847-943-6150
Offsite treatment facility to which medical waste is transported (if applicable)	
Facility Name Stericycle	Phone # 331-300-3238
Street Address 2775 E. 26th Street	City/ZIP Vernon/90058
Contact Person Cristina Venticinque	Contact Phone # 847-943-6150
<u>Pharmaceutical Waste Categorization</u>	
If applicable, the steps taken to categorize the pharmaceutical wastes generated at the facility to ensure that the wastes are properly disposed of as follows:	
(1) Pharmaceutical wastes classified by the federal Drug Enforcement Administration (DEA) as "controlled substances" are disposed of in compliance with DEA requirements.	
(2) <u>The name and business address of the registered hazardous waste hauler used by the generator to have wastes that are not regulated pursuant to the federal Resource Conservation and Recovery Act of 1976 and nonradioactive pharmaceutical wastes regulated as medical waste safely removed for treatment in compliance with subdivision (b) of Section 118222 as waste requiring specific methods.</u> (LQG:HSC§117960(i); SQG:HSC§117935(i))	
<u>Closure Plan</u>	
A closure plan for the termination of treatment at the facility using, at a minimum, one of the methods of decontamination specified in subdivision (a) or (b) of Section 118295, thereby rendering the property to an acceptable sanitary condition following the completion of treatment services at the site. (LQG: HSC§117960(j); SQG: HSC§117935(j))	
<i>I hereby certify to the best of my knowledge and believe the statements made herein are correct and accurate.</i>	
Name Christina Sanchez	
Title Quality Assurance Manager	
Signature 	Date 03 OCT 2018



County of San Diego

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Medical Waste Management Plan

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SQGs of medical waste that do not treat their medical waste onsite or do not transport waste under the Pharmaceutical Waste Hauling Exemptions, are not required to submit this form to the local enforcement agency; however are required for maintaining a document stating how they contain, store, treat, and dispose of any medical waste generated on file at their office. Completing a MWMP and keeping it at their office can satisfy this requirement. All uses of the Medical Waste Self-Haul and Pharmaceutical Waste Hauling Exemptions require recording and tracking documentation.

Attached is a blank MWMP form for your use. Please **complete, sign, and upload, as required above**, your MWMP to the "Locally-Required Documentation" of the "Hazardous Materials Inventory" section of your California Environmental Reporting System (CERS) facility. Retain a copy for your records and inspection review. If there are changes in any of the information on your MWMP, submit a revised form in CERS within 30 days of changes. Annual submittal of the MWMP is not required.

Additional information about CERS can be found at the following website:
http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html

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Attachment

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(ii) Regulated medical waste or clinical waste or biomedical waste suspected of containing a highly communicable disease.

(B) Laboratory waste such as human specimen cultures or animal specimen cultures that are infected with pathogens that are also infectious to humans; cultures and stocks of infectious agents from research; wastes from the production of bacteria, viruses, spores, discarded live and attenuated vaccines used in human health care or research, discarded animal vaccines, including Brucellosis and Contagious Ecthyma, as defined by the department; culture dishes, devices used to transfer, inoculate, and mix cultures; and wastes identified by Section 173.134 of Title 49 of the Code of Federal Regulations as Category B “once wasted” for laboratory wastes.

(C) Waste that, at the point of transport from the generator’s site or at the point of disposal contains recognizable fluid human blood, fluid human blood products, containers, or equipment containing human blood that is fluid, or blood from animals suspected by the attending veterinarian of being contaminated with infectious agents known to be contagious to humans.

(D) Waste containing discarded materials contaminated with excretion, exudate, or secretions from humans or animals that are required to be isolated by the infection control staff, the attending physician and surgeon, the attending veterinarian, or the local health officer, to protect others from highly communicable diseases or diseases of animals that are communicable to humans.

SHARPS CONTAINERS means a rigid puncture-resistant container used in patient care or research activities meeting the standards of, and receiving approval from the United States Food and Drug Administration as a medical device used for the collection of discarded medical needles or other sharps.

“BIOHAZARD BAG” means a disposable film bag that is impervious to moisture. The film bags that are used for transport shall be marked and certified by the manufacturer as having passed the tests prescribed for tear resistance in the American Society for Testing Materials (ASTM) D1922, “Standard Test Method for Propagation Tear Resistance of Plastic Film and Thin Sheeting by Pendulum Method” and for impact resistance in ASTM D 1709, “Standard Test Methods for Impact Resistance of Plastic Film by the Free-Falling Dart Method,” as those documents were published in January 1, 2014. The film bag shall meet an impact resistance of 165 grams and a tearing resistance of 480 grams in both parallel and perpendicular planes with respect to the length of the bag. The color of the bag shall be red; except when yellow bags are used to further segregate trace chemotherapy waste and white bags are used to further segregate pathology waste.

STORAGE AREA WARNING SIGN is: A sign posted at a designated accumulation area, visible for 25 feet, used to store medical waste which must read in English, “CAUTION—BIOHAZARDOUS WASTE STORAGE AREA—UNAUTHORIZED PERSONS KEEP OUT” and in Spanish, “CUIDADO-ZONA DE RESIDUOS—BIOLOGICOS PELIGROSOS—PROHIBIDA LA ENTRADA A PERSONAS NO AUTORIZADAS” or in another language determined to be appropriate. Intermediate storage areas shall be marked with the international biohazardous symbol or the signage noted above. These warning signs shall be readily legible from a distance of five feet.

PHARMACEUTICAL WASTE (a) means a pharmaceutical, as defined in Section 117747, including trace chemotherapy waste, that is a waste, as defined in Section 25124. (b) For purposes of this part, “pharmaceutical waste” does not include any pharmaceutical that meets either of the following criteria:

(1) The pharmaceutical is being sent out of the State of California to a reverse distributor, as defined in Section 4040.5 of the Business and Professions Code, that is licensed as a wholesaler of dangerous drugs by the California State Board of Pharmacy pursuant to Section 4161 of the Business and Professions Code.

(2) The pharmaceutical is being sent by a reverse distributor, as defined in Section 4040.5 of the Business and Professions Code, offsite for treatment and disposal in accordance with applicable laws, or to a reverse distributor that is licensed as a wholesaler of dangerous drugs by the California State Board of Pharmacy pursuant to Section 4160 of the Business and Professions Code and as a permitted transfer station if the reverse distributor is located within the State of California.



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Medical Waste Management Plan

Facility Information	
Business Name Crown Bioscience San Diego, Inc	Unified Program Facility Permit # DEH2014-HUPFP-001150
Type of Business Contract Research Organization	Date 15 March 2018
Street Address 11011 Torreyana Rd Suite 200	City/ZIP 92121
Person Responsible for implementing the Medical Waste Management Plan (MWMP)	
Name Brian Lee	
Title Operations Supervisor	Phone (818) 389-7853
Types of medical wastes (MW) generated	
<input checked="" type="checkbox"/> MW Sharps - e.g., needles, blades, scalpels, or broken glass or syringes contaminated with biohazardous waste. (human or animal) Estimated monthly amount <u>50</u> lbs	<input type="checkbox"/> Blood or blood products - liquid blood or blood products, or other regulated body fluids, or articles contaminated with liquid blood or body fluids. Estimated monthly amount _____ lbs
<input checked="" type="checkbox"/> Laboratory wastes - infectious specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, biologicals, and culture media. Estimated monthly amount <u>425</u> lbs	<input type="checkbox"/> Pathology waste - human or animal tissues suspected to be infectious to humans Estimated monthly amount _____ lbs
<input checked="" type="checkbox"/> Liquid or semi-liquid biohazardous laboratory waste - treated on site by chemical disinfection* and discharged to sewer. Estimated monthly amount <u>170</u> lbs	<input type="checkbox"/> Isolation waste - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases. Estimated monthly amount _____ lbs
<input checked="" type="checkbox"/> Trace chemotherapeutic waste Estimated monthly amount <u>5</u> lbs	<input checked="" type="checkbox"/> Contaminated animals w/Highly communicable animal carcasses, body parts, tissues or fluids suspected to be contaminated by agents which are contagious. Estimated monthly amount <u>55</u> lbs
<input type="checkbox"/> California-regulated pharmaceutical waste (non-RCRA, non-radioactive) Estimated monthly amount _____ lbs	<input type="checkbox"/> Other (specify): _____ Estimated monthly amount _____ lbs
Estimate of <u>TOTAL</u> monthly medical waste for generator classification: <u>705</u> lbs	
Estimate of other monthly medical wastes (does not count towards generator class):	
<input type="checkbox"/> Home Generated MW Sharps Estimated Monthly Amount _____ lbs.	<input type="checkbox"/> Home Generated Pharmaceutical Waste Estimated monthly amount _____ lbs.
ONSITE MEDICAL WASTE TREATMENT ONLY: Method & capacity of medical waste treatment <i>if performed onsite:</i>	
<input checked="" type="checkbox"/> Steam Autoclaving <input type="checkbox"/> Other state approved alternative technology (specify below): _____	
Treatment records must be maintained for three years for small quantity generators, and maintained two years for large quantity generators. (HSC§117943; HSC§117975)	


*Per HSC §118215(c), for liquid or semi-liquid biohazardous laboratory waste (§117690(b)(1)(B)), the treatment method must be recognized by the NIH, the CDC, or the American Biological Safety Association. If the chemical disinfection of the medical waste causes the waste to become a hazardous waste, the waste shall be managed in accordance with the requirements of HSC Chapter 6.5 (commencing with §25100) of Division 20.

Medical Waste Management Plan

The following requirements apply to LQGs (HSC§117960), and SQGs that treat MW on-site, or use the Pharmaceutical Waste Hauling Exemption. (HSC§118032)

Emergency Action Plan

This plan is to be followed to ensure the proper disposal of medical waste, including controlled substances in compliance with DEA, approved incineration of pharmaceutical and trace chemotherapy in the event of a natural disaster, spill, treatment system break down, power failure, etc., and closure plan at termination (600 characters max. for WORD interactive form - use additional sheets if necessary). (LQG HSC§117960(h); SQG HSC§117935).

Registered hazardous waste hauler/common carrier used to remove untreated medical waste (if applicable)	
Primary Hauler Name Stericycle	Phone # (866) 783-7444
Street Address 2775 E 26th st	City/ZIP Vernon, CA
Contact Person N/A	Contact Phone # (866) 783-7444
Offsite treatment facility to which medical waste is transported (if applicable)	
Facility Name Same as above	Phone #
Street Address	City/ZIP
Contact Person	Contact Phone #
<u>Pharmaceutical Waste Categorization</u>	
<p>If applicable, the steps taken to categorize the pharmaceutical wastes generated at the facility to ensure that the wastes are properly disposed of as follows:</p> <p>(1) Pharmaceutical wastes classified by the federal Drug Enforcement Administration (DEA) as "controlled substances" are disposed of in compliance with DEA requirements.</p> <p>(2) <u>The name and business address of the registered hazardous waste hauler used by the generator to have wastes that are not regulated pursuant to the federal Resource Conservation and Recovery Act of 1976 and nonradioactive pharmaceutical wastes regulated as medical waste safely removed for treatment in compliance with subdivision (b) of Section 118222 as waste requiring specific methods. (LQG:HSC§117960(i); SQG:HSC§117935(i))</u></p>	
<u>Closure Plan</u>	
<p>A closure plan for the termination of treatment at the facility using, at a minimum, one of the methods of decontamination specified in subdivision (a) or (b) of Section 118295, thereby rendering the property to an acceptable sanitary condition following the completion of treatment services at the site. (LQG: HSC§117960(j); SQG: HSC§117935(j))</p>	
<i>I hereby certify to the best of my knowledge and believe the statements made herein are correct and accurate.</i>	
Name BRIAN LEE	
Title OPERATIONS SUPERVISOR	
Signature 	Date 03/19/18



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 07/15/2019

RECORD ID #: DEH2014-HUPFP-001150

TIME START: 11:35 AM END: 12:10 PM

SPECIALIST: Matthew Olson

INSPECTION CONTACT: Lonnie Stewart

TITLE: Manager of Logistics

PHONE: (619) 715-3145

E-MAIL: lstewart@crownbio.com

FACILITY NAME: Crown Bioscience San Diego
 ADDRESS: 11011 TORREYANA RD 200
 CITY/ZIP: SAN DIEGO /92121-1104

FACILITY REFERENCE DATA

ACCELA

RECORD STATUS: Permit Renewed
 PERMIT EXPIRATION DATE: 09/30/2019
 BALANCE DUE: \$0.00
 INSPECTOR: Matthew Olson
 INSPECTION TYPE: Closure
 INSPECTION STATUS: Complete

CERS

EPA ID NUMBER: CAL000406828
 FACILITY CERS ID NUMBER: 10503748
 CERS LEAD USER: Christina Sanchez
 LAST CERS SUBMITTAL DATE: 10/03/2018
 ENVIRONMENTAL CONTACT EMAIL: blee@crownbio.com
 ENVIRONMENTAL CONTACT PHONE: 818-389-7853

FACILITY INFORMATION

	YES	NO		YES	NO
INACTIVATION INSPECTION:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	HAZARDOUS MATERIALS:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CHANGE OF OWNER:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HAZARDOUS WASTE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CHANGE IN BUSINESS TYPE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ABOVEGROUND PETROLEUM STORAGE ACT*:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS TYPE: <u>Biomedical/Biotech-Not Large Manufacturer</u>			TOTAL SHELL CAPACITY APSA:		<u>0</u>
ISSUE INITIAL INVOICE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	UNDERGROUND STORAGE TANK:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS NON-NOTIFICATION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CALARP PROGRAM (CERS):	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS RE-INSPECTION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CALARP PROGRAM LEVEL:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FACILITY SUBJECT TO BASE FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MEDICAL WASTE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FACILITY SUBJECT TO CUPA FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MW FACILITY GENERATING OVER 200 LBS PER MONTH:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UPDATE FACILITY ADDRESS IN AA:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EPIC PARTICIPANT:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS CLOSE DATE:* <u>04/30/2019</u>			NUMBER OF TLV GASES AT THE FACILITY:		<u>0</u>

HW GENERATOR STATUS : LOG SQG CESQG RCRA LOG N/A

TIERED PERMIT LEVEL(S) : CESQT CESW CE-L CE-CL HHW PBR CA N/A

PRIMARY BILLING CODE: General Medical Waste SECONDARY BILLING CODE: Not Applicable TERTIARY BILLING CODE: Not Applicable

INSPECTION SCOPE:

HAZARDOUS MATERIALS: GEN HAZMAT APSA UST HAZARDOUS WASTE: SQG LQG

MEDICAL WASTE: SQG SQG - TREATS LQG LQG - ABBREVIATED LQG - TREATS CALARP: 1 2 3

TIERED PERMITTING: CESQT CESW CE-L CE-CL CA PBR HHW

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT NAME: Lonnie Stewart TITLE: Manager of Logistics

REMOVE BLANK CHECKLISTS FROM FINAL INSPECTION REPORT REFUSED TO SIGN

TIME ACCOUNTING (Closure)

TOTAL TIME ENTERED: 1

Date	Time	Group	Type
07/15/2019	0.6	HMD Inspection	Report Writing - Record
07/15/2019	0.4	HMD Inspection	Travel Time - Record

INSPECTION REPORT EMAILS:

Matthew.Olson@sdcounty.ca.gov



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

FACILITY NAME: Crown Bioscience San Diego
 ADDRESS: 11011 TORREYANA RD 200
 CITY/ZIP: SAN DIEGO /92121-1104

INSPECTION DATE: 07/15/2019
 RECORD ID #: DEH2014-HUPFP-001150
 TIME START: 11:35 AM END: 12:10 PM
 SPECIALIST: Matthew Olson
 INSPECTION CONTACT: Lonnie Stewart
 TITLE: Manager of Logistics
 PHONE: (619) 715-3145
 E-MAIL: lstewart@crownbio.com

RECORD COMMENT:

Closure Inspection conducted on 07/15/2019. Business Closure date: 04/30/2019

[This area contains multiple horizontal grey bars, which are likely redactions or placeholders for additional inspection details.]



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: Crown Bioscience San Diego
 ADDRESS: 11011 TORREYANA RD 200
 CITY/ZIP: SAN DIEGO /92121-1104

INSPECTION DATE: <u>07/15/2019</u>	PAGE <u>1</u> OF <u>2</u>
RECORD ID #: <u>DEH2014-HUPFP-001150</u>	
TIME START: <u>11:35 AM</u>	END: <u>12:10 PM</u>
SPECIALIST: <u>Matthew Olson</u>	
INSPECTION CONTACT: <u>Lonnie Stewart</u>	
TITLE: <u>Manager of Logistics</u>	
PHONE: <u>(619) 715-3145</u>	
E-MAIL: <u>lstewart@crownbio.com</u>	

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit Current	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contingency Plan Available <input type="checkbox"/> LQG <input type="checkbox"/> SQG
<input type="checkbox"/>	<input type="checkbox"/>	Hazardous Materials Business Plan Available	<input type="checkbox"/>	<input type="checkbox"/>	Employee Training Records Available
<input type="checkbox"/>	<input type="checkbox"/>	Employee Training is Adequate	<input type="checkbox"/>	<input type="checkbox"/>	Universal Waste Managed Properly
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Disposal Records Available for Review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers <input type="checkbox"/> Closed <input type="checkbox"/> Labeled
<input type="checkbox"/>	<input type="checkbox"/>	Emergency Contacts Current <input type="checkbox"/> Updated today	<input type="checkbox"/>	<input type="checkbox"/>	Waste Containers in Good Condition
<input type="checkbox"/>	<input type="checkbox"/>	Chemical Inventory/Map Current <input type="checkbox"/> Updated today			Permit Expires On <u>09/30/2019</u>

CONSENT TO CONDUCT INSPECTION GRANTED BY: Lonnie Stewart

TITLE: Manager of Logistics

INTRODUCTION:

Closure

I conducted a Certified Unified Program Agency (CUPA) closure inspection on 7/15/2019 at Crown Bioscience San Diego. Consent to conduct this closure inspection was provided by Lonnie Stewart, Manager of Logistics. During facility walk-through no hazardous materials at or above reportable thresholds, hazardous wastes, or medical wastes could be observed. Final hazardous waste manifest documentation and medical waste disposal records were provided for review during this closure inspection.

- Per Lonnie Stewart, this facility has moved to a new location at 16550 W Bernard Dr, San Diego, CA 92127 on 2/16/2019 and are now fully operational.
- A full submittal has been made at this new location in the California Environmental Reporting System (CERS) on 3/4/2019. CERS ID for this location is 10445911, and is currently under the previous business name Menon International, Inc.

Business Closure date: effective 4/30/2019

OK TO SUSPEND THIS PERMIT AT THIS TIME FOR DEH2014-HUPFP-001150

INSPECTION REMARKS:

DIRECT QUESTIONS AND/OR CORRESPONDENCE TO:

Matthew Olson
 Environmental Health Specialist
 County of San Diego | Dept. of Environmental Health | Hazardous Materials Division
 P.O. Box 129261 | 5500 Overland Ave.
 San Diego, CA 92112-9261
 E-mail: Matthew.Olson@sdcounty.ca.gov
 Cell #: (858) 527-2300
 Hours: Mon-Fri 7:30AM - 4:00PM



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

Helpful Websites:

- For guidance documents on hazardous materials-related topics, go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS), go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations, go to: <http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails: <https://public.govdelivery.com/accounts/CASAND/subscriber/new>

If you have any questions regarding this inspection, please contact Matthew Olson, 858-527-2300, Matthew.Olson@sdcounty.ca.gov

INSPECTION PHOTOS

None

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE Lonnie Stewart	SIGNATURE		DATE SIGNED 07/15/2019
TITLE OF FACILITY REPRESENTATIVE Manager of Logistics			

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (858) 505-6880 <http://www.sdcdelh.org>

**SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
Annual Carcinogen and Reproductive Toxin Reporting List**

Business Name: JSR Micro, Inc.

Business Address: 11011 North Torrey Pines Road, Suite 135, San Diego, CA 92037

Business Owner or Operator: JSR Micro, Inc.

Please complete the following by entering the chemical name in the chemical name column and then place a check ✓ in the quantity column that most closely estimates the amount on hand. If measured by volume, check the appropriate gallon column(s). If measured by weight, check the appropriate pound column(s). If the chemical is a trade secret, you should check the trade secret box. For example, if you have one pint of benzene you would write benzene in the chemical name column and place a check ✓ in the <1-gallon column.

(PLEASE NOTE: the symbol < means less than).

Chemical Name	<1 gal.	<1 lb.	<10 gal.	<10 lbs.	<55 gal.	<500 lbs.	Trade Secret
Acrylamide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chloroform	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Methanol	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tetracycline	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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**SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
Annual Carcinogen and Reproductive Toxin Reporting List**

Business Name: JSR Micro, Inc.

Business Address: 11011 North Torrey Pines Road, Suite 135, San Diego, CA 92037

Business Owner or Operator: JSR Micro, Inc.

Please complete the following by entering the chemical name in the chemical name column and then place a check ✓ in the quantity column that most closely estimates the amount on hand. If measured by volume, check the appropriate gallon column(s). If measured by weight, check the appropriate pound column(s). If the chemical is a trade secret, you should check the trade secret box. For example, if you have one pint of benzene you would write benzene in the chemical name column and place a check ✓ in the <1-gallon column.

(PLEASE NOTE: the symbol < means less than).

Chemical Name	<1 gal.	<1 lb.	<10 gal.	<10 lbs.	<55 gal.	<500 lbs.	Trade Secret
Acrylamide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chloroform	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Methanol	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6880 FAX (858) 505-6848
<http://www.sdcdeh.org>



Medical Waste Management Plan

Facility Information

Business Name: JSR Micro, Inc. Unified Program Facility Permit #: CERSID:10488145
 Type of Business: Industrial Organic Chemicals Date: 4-21-2014
 Address: 11011 North Torrey Pines Road, Suite 135, La Jolla CA 92037
Street No. Street Name City State Zip Code

Person Responsible for implementing the Medical Waste Management Plan

Name: Tazuko Ozag Phone: (408) 543-8931
 Title: EH&S Supervisor

Types of wastes generated

- | | |
|---|---|
| <input checked="" type="checkbox"/> Sharps - e.g., needles, blades, scalpels, or broken glass or syringes contaminated with biohazardous waste.
Estimated monthly amount <u>4</u> lbs | <input checked="" type="checkbox"/> Blood or body fluids - liquid blood or blood products, or other regulated body fluids, or articles contaminated with liquid blood or body fluids.
Estimated monthly amount <u>1</u> lbs |
| <input type="checkbox"/> Home-Generated Sharps
Estimated monthly amount <u> </u> lbs | <input type="checkbox"/> Pathology waste - recognizable human anatomical parts.
Estimated monthly amount <u> </u> lbs |
| <input checked="" type="checkbox"/> Laboratory wastes - specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, biologicals, and culture media.
Estimated monthly amount <u>100</u> lbs | <input type="checkbox"/> Surgical specimens - human or animal parts or tissues removed surgically or by autopsy and are suspected to be contaminated by agents which are contagious to humans.
Estimated monthly amount <u> </u> lbs |
| <input type="checkbox"/> Liquid or semi-liquid biohazardous laboratory waste - treated on site by chemical disinfection* and discharged to sewer.
Estimated monthly amount <u> </u> lbs | <input type="checkbox"/> Isolation waste - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases.
Estimated monthly amount <u> </u> lbs |
| <input type="checkbox"/> Waste contaminated with fixatives or chemotherapeutic agents.
Estimated monthly amount <u> </u> lbs | <input type="checkbox"/> Contaminated animals - animal carcasses, body parts, tissues or fluids suspected to be contaminated by agents which are contagious to humans.
Estimated monthly amount <u> </u> lbs |
| <input type="checkbox"/> California-regulated pharmaceutical waste
Estimated monthly amount <u> </u> lbs | <input type="checkbox"/> Other (specify):
Estimated monthly amount <u> </u> lbs |

Estimate of **TOTAL** monthly medical waste generated: 105 lbs

ONSITE MEDICAL WASTE TREATMENT ONLY: Method of medical waste treatment *if performed onsite*:

- Steam Autoclaving** **Other state approved alternative technology (specify below):**
 We will use an autoclave to sterilize beakers, etc. only. It won't be used to treat any liquid bio-hazard for sewer discharge. All bio-waste will be placed in bio-waste containers for a pickup.

Onsite medical waste treatment records must be maintained for three years. HSC §117975

*Per HSC §118215(c), for liquid or semi-liquid biohazardous laboratory waste (§117635(a)), the treatment method must be recognized by the NIH, the CDC, or the American Biological Safety Association. If the chemical disinfection of the medical waste causes the waste to become a hazardous waste, the waste shall be managed in accordance with the requirements of HSC Chapter 6.5 (commencing with §25100) of Division 20.

Medical Waste Management Plan

Registered Medical Waste Hauler used to remove untreated medical waste (if applicable):

Name: Stericycle

Address: 7737 Formula Place

City: San Diego State CA ZIP Code 92128

Phone #: (858) 684-3535

Contact Person: Ruben Ruiz

Offsite treatment facility to which medical waste is transported (if applicable):

Facility Name: Stericycle – Vernon Facility

Address: 2775 E. 26th St.

City: Vernon State CA ZIP Code 90023

Phone #: (323) 362-3000

Contact Person: Jim Epp Phone #: (323) 362-3000 X 3020

I hereby certify to the best of my knowledge and believe the statements made herein are correct and accurate.

Name: Tazuko Ozag
Type or Print

Title: EH&S Supervisor

Signature:  Date: 4/22/2014

Emergency Action Plan:
Note: This requirement only applies to Large Quantity Generators of Medical Waste (≥200 lbs/month)

This plan is to be followed to ensure the proper disposal of medical waste in the event of a natural disaster, spill, treatment system break down, power failure, etc. (use additional sheets if necessary):

N/A SQG of Medical Waste



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 1 OF 1 DATE 10 / 8 / 2014
 RECORD ID # DEH2014-HUPFP-001157
 TIME START 954 END 1140
 SPECIALIST MIKE MANN
 INSPECTION CONTACT
TETSUJI YAMAGUCHI
 TITLE PH.D. LABORATORY MANAGER
 PHONE (858) 249-7880

FACILITY NAME JSR MICRO, INC
 ADDRESS 11011 N. TORREY PINES RD. #135
 CITY/ZIP LA JOLLA 92037

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). **This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6.** This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

Y* N/A* NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

- | | | | | |
|-------------------------------------|--------------------------|---|-------------------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Unified Program Facility Permit current | Y* N/A* | Permit Expires on: <u> </u> / <u> </u> / <u> </u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Hazardous Materials Business Plan available | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Employee training is adequate | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Waste disposal records available for review | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Emergency contacts current <input type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Chemical inventory/map current <input type="checkbox"/> Updated today | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Consent to inspect granted by: Inspection Contact Other: _____

NEW BUSINESS PERMIT INSPECTION

THIS BUSINESS IS A CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR OF HAZARDOUS WASTE SOLVENTS AND A SMALL QUANTITY GENERATOR OF RED BAG MEDICAL WASTE (HUMAN SERUM). A CERS ACCOUNT IS ESTABLISHED.

NO VIOLATIONS WERE OBSERVED DURING THIS INSPECTION.

PLEASE REFER TO THE PRINTED FACT SHEETS FOR MORE INFORMATION REGARDING HAZARDOUS WASTE MANAGEMENT FOR GENERATORS, UNIVERSAL WASTE MANAGEMENT, AND HAZARDOUS WASTE ACCUMULATION TIME FOR GENERATORS.

KEEP COPIES OF MEDICAL WASTE TRACKING DOCUMENTS ON FILE FOR AT LEAST 2 YEARS. KEEP COPIES OF HAZARDOUS WASTE MANIFESTS ON FILE FOR 3 YEARS AND MAIL A COPY OF THE MANIFEST TO DTSC WITHIN 30 DAYS OF WASTE PICK UP.

UPDATE THE INFORMATION IN YOUR CERS ACCOUNT WITHIN 30 DAYS OF ANY CHANGES.

The Hazardous Materials Business Plan (inventory & site map, emergency contacts, emergency response plan, and employee training plan) is required by law to be certified online through the California Environmental Reporting System (CERS). For additional information about hazardous materials business plans and CERS, go to: <http://www.sdcountry.ca.gov/deh/hazmat/hmd-cers-info.html>

PRINTED NAME OF FACILITY REPRESENTATIVE
TETSUJI YAMAGUCHI

DATE SIGNED
10 / 8 / 2014

SIGNATURE OF FACILITY REPRESENTATIVE
X [Signature]

TITLE OF FACILITY REPRESENTATIVE
Laboratory Manager

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
 Phone: (858) 505-6880 <http://www.sdcdeh.org>



County of San Diego

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Title: EH&S Supervisor

Signature:  Date: 4/22/2014

Emergency Action Plan:
Note: This requirement only applies to Large Quantity Generators of Medical Waste (≥200 lbs/month)

This plan is to be followed to ensure the proper disposal of medical waste in the event of a natural disaster, spill, treatment system break down, power failure, etc. (use additional sheets if necessary):

N/A SQG of Medical Waste

Facility Closure Report

For:

JSR Micro
Suite #135
11011 N. Torrey Pines Road
La Jolla, CA 92037-1007

Submitted By:

James Kapin, MPH, CIH
Manager of Consulting Services

*ACT Environmental Services, Inc.
2010 West Mission Road
Escondido, CA 92029*



Date Conducted: *June 1, 2016*



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1. Summary

This report describes practices and procedures used to reduce levels of removable chemical/biological/contamination at the former JSR Micro laboratory areas located at Suite #135, 11011 N. Torrey Pines Road , La Jolla, CA to acceptable levels This Closure Report is consistent with the guidelines in American National Standards Institute standard Z9.11-2008, *Laboratory Decommissioning* as well as other applicable regulatory requirements. The ANSI Z9.11-2008 standards provide guidance for the laboratory decommissioning however all guidelines specified within the standard are not applicable to this facility. Appropriate documentation of closure activities is included in this Closure Report, including photo attachments and hazardous waste disposal manifests.

Work activities were conducted in accordance with typical professional practice and applicable worker safety and environmental regulations. All decontamination work, including chemical packaging, transport and disposal was performed by ACT Environmental Services, Inc. (ACT). All wastes were disposed of in accordance with applicable local, state and federal regulations. Prior to conducting facility decontamination activities, appropriate JSR Micro records (such as the facility’s Hazardous Materials Business Plan) were reviewed and a site walk was conducted to evaluate the physical condition of the facility and to verify hazardous materials previously used and stored onsite.

Based on these activities as well as the decontamination actions described below, removable contamination in the JSR lab areas and no conditions were identified that would represent a health hazard to future occupants of this space.

2. Property Description

Location: 11011 N. Torrey Pines, La Jolla, CA 92037

2.1 General Description of Facility

JSR Micro occupied two rooms under the same laboratory number (#135). One laboratory was 252 square feet, while the other laboratory was 1,022 square feet, totaling 1,274 square feet. Both laboratories contained general laboratory equipment, such as fume hoods. In general, the laboratory areas were clean and well maintained prior to the facility closure. There was little visible contamination, although some floor, bench top areas and the fume hoods had minor staining or discoloration associated with normal laboratory use.

2.2 Project Overview

Based on an initial evaluation and a review of The Hazardous Materials Business Plan (HMBP), and at the request of JSR Micro, a decontamination work plan was developed. This plan addressed the two laboratories that were used for research and development purposes only. Chemicals that were previously stored onsite included lab-scale quantities. No hazardous metals, potent compounds, Active Pharmaceutical Ingredients (APIs) or other high-hazard substances were used at this facility. All hazardous materials and hazardous waste was removed from the facility during the decontamination procedure. Various pieces of laboratory equipment were left at the facility after the decontamination occurred.

The purpose of this project was ensure interior spaces did not contain any remaining hazardous materials that could be harmful to future occupants. This project only addressed potential indoor contamination. No other environmental investigation or remediation was conducted on the exterior of the building, in groundwater, or in the soil.

The scope of this project was limited to the physical conditions of the building interior (as described above). Regulatory permits were not reviewed or evaluated and any modification to permits, licenses or similar documents was the responsibility of JSR Micro.

2.3 Areas Excluded from Facility Closure Plan

This project only addressed the JSR Micro laboratories (Laboratory #135). Other areas including administrative and office areas were not evaluated.

3. Project Scope

3.1 List of Areas Cleaned/Decontaminated

The two laboratories (Room #135) were the only area cleaned/decontaminated at this facility.

3.2 Cleaning/Decontamination Methods Used

Waste Disposal: All existing chemicals, materials and supplies were disposed of as solid waste, hazardous waste or medical waste in compliance with applicable local, state and federal regulations.

Fume Hoods were decontaminated using simple green and/or bleach wipes. Counters, surfaces, walls and flammable storage cabinets were wiped with soap, simple green or similar cleaning agent throughout all three laboratories. Floors were mopped with soap, simple green or similar cleaning agent and then cleaned with floor polisher throughout all laboratories as well.

3.3 General Work Practices Conducted by ACT

All work activities were conducted under the ACT Field Operations Manual. In general, Level D PPE was utilized by trained personnel during the facility closure process and included but was not limited to coveralls, gloves, chemical resistant boots/shoes, and safety glasses.

All decontamination supplies and equipment were staged in designated areas, outside of work area(s). Access to the site was limited to authorized personnel. As necessary (and as directed by responsible parties) any chemicals, equipment or other items to be retained by account for use at different sites or facilities were packaged and transported by ACT. All transportation of hazardous materials was completed in accordance with applicable local, state, federal regulations. Decontamination activities were conducted, as indicated in Section 3.2 (above), consistent with applicable local, state and federal regulations as well. Exhaust ducts, countertops, tables, and floors were left in place following decontamination.

Once decontamination and waste removal activities were initiated, site access was restricted to ACT personnel and company personnel familiar with the work being performed. ACT personnel entered and exited through a designated area. Non-ACT personnel were instructed on relevant safety measures as applicable. As the project progressed, ACT delineated all decontaminated areas of the building with cleaning/decontamination certifications detailing that the room has been cleaned including the date and name of personnel performing the cleaning. Decontamination certificates were attached to appropriate benchtops and equipment.

4. Waste Management and Documentation

All rinse waters utilized during the cleaning process were collected, pumped, and/or vacuumed into appropriate containment by ACT and managed in accordance with applicable hazardous waste regulations. Contaminated wipes/rags, contaminated detergents, and personal protective equipment (PPE) was collected and disposed of appropriately in accordance with hazardous waste regulations. Chemicals identified as hazardous waste were appropriately segregated, packaged, labeled, and profiled by ACT field chemist(s) for disposal. Hazardous waste was transported for disposal as hazardous waste to a licensed Treatment Storage and Disposal Facility (TSDF) accompanied with appropriate Hazardous Waste Manifest(s). The Hazardous Waste Manifest and lab pack inventory paperwork can be found in Attachment 2 of this closure report. Other relevant documentation, such as waste profiles can be provided by ACT upon request.

5. Sampling and Analysis

Sampling Procedures

Decontamination effectiveness was evaluated through physical cleanliness. If any area appeared physically clean, it is unlikely that there is any significant surface chemical contamination from the hazardous chemicals used by the facility (primarily volatile organic compounds or corrosive liquids). Wipe/surface samples are not generally appropriate for the chemicals or materials used by JSR Micro.

Attachment 1- Photos of Decontamination

Photo of Fume Hood



Photo of Bench Top/Equipment



Photo of Decontaminated Equipment



Photo of Decontaminated Equipment





Attachment 2- Documentation (Manifest(s) and Lab Pack Inventory)

Please print or type. (Form designed for use on **ella** (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CAL000395412	2. Page 1 of 1	3. Emergency Response Phone 1-888-785-7225	4. Manifest Tracking Number 015791308 JJK			
5. Generator's Name and Mailing Address JSR Micro Inc. 11011 N. Torrey Pines Rd. Ste 135 La Jolla, CA 92037			Generator's Site Address (if different than mailing address)					
Generator's Phone: (650) 704-3759			U.S. EPA ID Number CAL000404284					
6. Transporter 1 Company Name Advanced Chemical Transport Inc. (SV)			U.S. EPA ID Number					
7. Transporter 2 Company Name			U.S. EPA ID Number					
8. Designated Facility Name and Site Address Advanced Chemical Treatment 6133 Edith Blvd NE Albuquerque, NM 87107			U.S. EPA ID Number NMD002208627					
Facility's Phone: 505-349-5220								
9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
X	¹ UN1993, Waste Flammable liquids, n.o.s. (METHANOL, 2-PROPANOL), 3, PGII	1	DR	10	P	D001	551	
X	² UN2789, Waste Acetic acid, glacial, 8 (3), PGII	1	DR	10	P	D001	D002	551
	³ Non-RCRA Hazardous Waste Liquid (TRIZMA BASE, TWEEN 20)	1	DR	23	P		551	
	⁴							
14. Special Handling Instructions and Additional Information Project Number 98817 Document #: D118457 1) ERG#128: ACT52371 JSA-801 5GP 3) ACT52371 JSA-603 14GP 2) ERG#132: ACT52371 JSA-602 5GP								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Officer's Printed/Typed Name Marybeth George			Signature <i>M. George</i>		Month Day Year 06 02 2016			
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of export: _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name Steve Jordan			Signature <i>Steve Jordan</i>		Month Day Year 06 02 16			
Transporter 2 Printed/Typed Name			Signature		Month Day Year			
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
18b. Alternate Facility (or Generator)			Manifest Reference Number: _____ U.S. EPA ID Number					
Facility's Phone: _____								
18c. Signature of Alternate Facility (or Generator)					Month Day Year			
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1.	2.	3.	4.					
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name			Signature		Month Day Year			

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Attachment 3- Laboratory Decommissioning Procedures used by ACT Environmental Services, Inc.

1.1. General Room/Equipment Decontamination Procedures

- All accessible surfaces, floors, walls and sinks will be wiped, scrubbed and/or mopped with dilute detergent such as simple green and water. All equipment/tools with internal reservoirs will be drained and inspected prior to decommissioning work startup.
- Equipment to be reused by the company will be decontaminated using a bleach, simple green or similar cleaning agents. Alternatively, equipment will be discarded if no longer useful.
- All gas cylinders, ion exchange canisters for Reverse Osmosis- Deionized Water systems and similar items will be returned to the vendor(s).
- Decontamination of analytical labs, hazardous materials storage areas, fume hoods, countertops, floors, drawers (interior and exterior), cabinets (interior and exterior), sinks, and drains will be done utilizing Simple Green, Bleach or detergent soaked wipes using physical agitation on surfaces.
 - All accessible surfaces will first be agitated with cleaning solution applied through mopping or physical agitation of contaminated surfaces with clean cotton cloth.
 - A second physical wiping or mopping will be performed with cleaning agent.
 - Finally the same surfaces will be wiped and or mopped with clean water.
- Room walls will be cleaned from the floor to a level of 5 feet above the floor for any areas where contamination is suspected.
- All hazardous material signs will be removed from walls, doors, cabinets, etc. in the interior of the building.

1.2. Fume Hood Decontamination Procedures

- Fume Hood Exhausts will be cleaned (as described above), if possible, to 6 inches beyond the connection point with the fume hood.
- Unless other arrangements are made fume Hoods will be left in place after cleaning.
- Unless other arrangements are made, fume hood ductwork beyond 6" from fume hood connection point) will not be cleaned or removed.



6. Certification Statement

This report was prepared for JSR Micro by James Kapin of ACT Environmental Services, Inc. The information is, to the best knowledge and belief, true, accurate, and complete. This report is not to be construed as a call to actions for evacuation or remediation. If you have any questions, comments, or concerns, regarding this report, please feel free to contact James Kapin of ACT Environmental Services, Inc. at (619) 990-5955 or by email at JKapin@ACTEnviro.com.

Prepared by:

Date:

James Kapin

6/21/2016

James Kapin, MPH, CIH
Manager of Consulting Services
ACT Environmental Services, Inc.



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 07/01/2016

RECORD ID #: DEH2014-HUPFP-001157

TIME START: 3:40 PM END: 4:00 PM

SPECIALIST: Anastasiya Irkhin

INSPECTION CONTACT: n/a

TITLE: n/a

PHONE:

E-MAIL:

FACILITY NAME: JSR Micro, Inc.
 ADDRESS: 11011 N TORREY PINES RD 135
 CITY/ZIP: SAN DIEGO /92121

FACILITY REFERENCE DATA

ACCELA

RECORD STATUS: Permit Renewed
 PERMIT EXPIRATION DATE: 03/31/2017
 BALANCE DUE: \$0.00
 INSPECTOR: Anastasiya Irkhin
 INSPECTION TYPE: Status Verification
 INSPECTION STATUS: Complete

CERS

EPA ID NUMBER: CAL000395412
 FACILITY CERS ID NUMBER: 10488145
 CERS LEAD USER: Tazuko Ozag
 LAST CERS SUBMITTAL DATE: 01/14/2016
 ENVIRONMENTAL CONTACT EMAIL: tozag@jsrmicro.com
 ENVIRONMENTAL CONTACT PHONE: 4085438931

FACILITY INFORMATION

	YES	NO
INACTIVATION INSPECTION:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CHANGE OF OWNER:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CHANGE IN BUSINESS TYPE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS TYPE:	Biomedical/Biotech-Not Large Manufacturer	
ISSUE INITIAL INVOICE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS NON-NOTIFICATION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS RE-INSPECTION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FACILITY SUBJECT TO BASE FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FACILITY SUBJECT TO CUPA FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UPDATE FACILITY ADDRESS IN AA:	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	YES	NO
HAZARDOUS MATERIALS:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
HAZARDOUS WASTE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ABOVEGROUND PETROLEUM STORAGE ACT:*	<input type="checkbox"/>	<input checked="" type="checkbox"/>
TOTAL SHELL CAPACITY APSA:	0	
UNDERGROUND STORAGE TANK:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CALARP PROGRAM (CERS):	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CALARP PROGRAM LEVEL:	<input type="checkbox"/> 1	<input type="checkbox"/> 2
MEDICAL WASTE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
MW FACILITY GENERATING OVER 200 LBS PER MONTH:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
EPIC PARTICIPANT:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
NUMBER OF TLV GASES AT THE FACILITY:	0	

HW GENERATOR STATUS : LOG SQG CESQG RCRA LOG N/A

TIERED PERMIT LEVEL(S) : CESQT CESW CE-L CE-CL HHW PBR CA N/A

PRIMARY BILLING CODE: Not Applicable

SECONDARY BILLING CODE: Not Applicable

TERTIARY BILLING CODE: Not Applicable

INSPECTION SCOPE:

HAZARDOUS MATERIALS: GEN HAZMAT APSA UST

HAZARDOUS WASTE: SQG LOG

MEDICAL WASTE: SQG SQG - TREATS

LOG LOG - ABBREVIATED LOG - TREATS

CALARP: 1 2 3

TIERED PERMITTING: CESQT CESW CE-L CE-CL

CA PBR HHW

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT NAME: n/a TITLE: n/a

REMOVE BLANK CHECKLISTS FROM FINAL INSPECTION REPORT REFUSED TO SIGN

INSPECTION REPORT EMAILS:

Anastasiya.Irkhin@sdcounty.ca.gov, Kelly.Robertson@sdcounty.ca.gov

RECORD COMMENT:

Status verification conducted to close out the permit for this location on 7/1/2016. Received email from facility representative that they have vacated this facility. Facility representative provided documentation via email of close out confirmation with contractor ACT. Facility is locked and appears to be vacant; no hazardous materials/waste or medical waste could be observed from the outside. Facility representative did not refuse to sign, they were not available to sign. Okay to suspend this permit.



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: JSR Micro, Inc.
 ADDRESS: 11011 N TORREY PINES RD 135
 CITY/ZIP: SAN DIEGO /92121

INSPECTION DATE: 07/01/2016 PAGE 1 OF 2
 RECORD ID #: DEH2014-HUPFP-001157
 TIME START: 3:40 PM END: 4:00 PM
 SPECIALIST: Anastasiya Irkhin
 INSPECTION CONTACT: n/a
 TITLE: n/a
 PHONE: _____
 E-MAIL: _____

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit Current	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contingency Plan Available <input type="checkbox"/> LQG <input type="checkbox"/> SQG
<input type="checkbox"/>	<input type="checkbox"/>	Hazardous Materials Business Plan Available	<input type="checkbox"/>	<input type="checkbox"/>	Employee Training Records Available
<input type="checkbox"/>	<input type="checkbox"/>	Employee Training is Adequate	<input type="checkbox"/>	<input type="checkbox"/>	Universal Waste Managed Properly
<input type="checkbox"/>	<input type="checkbox"/>	Waste Disposal Records Available for Review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers <input type="checkbox"/> Closed <input type="checkbox"/> Labeled
<input type="checkbox"/>	<input type="checkbox"/>	Emergency Contacts Current <input type="checkbox"/> Updated today	<input type="checkbox"/>	<input type="checkbox"/>	Waste Containers in Good Condition
<input type="checkbox"/>	<input type="checkbox"/>	Chemical Inventory/Map Current <input type="checkbox"/> Updated today			Permit Expires On <u>03/31/2017</u>

CONSENT TO CONDUCT INSPECTION GRANTED BY: n/a

TITLE: n/a

INTRODUCTION:

Status verification conducted to close out the permit for this location on 7/1/2016.

Received email from facility representative that they have vacated this facility. Facility representative provided documentation via email of close out confirmation with contractor ACT. Facility is locked and appears to be vacant; no hazardous materials/waste or medical waste could be observed from the outside.

Facility representative did not refuse to sign, they were not available to sign.

Okay to suspend this permit.

INSPECTION REMARKS:

Helpful Websites:

- For guidance documents on hazardous materials-related topics, go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS), go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations, go to: <http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails: <https://public.govdelivery.com/accounts/CASAND/subscriber/new>

If you have any questions regarding this inspection, please contact Anastasiya Irkhin, 858-518-7388,

Anastasiya.Irkhin@sdcounty.ca.gov

INSPECTION PHOTOS

None

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE <u>n/a</u>	SIGNATURE	DATE SIGNED
TITLE OF FACILITY REPRESENTATIVE <u>n/a</u>		



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 07/01/2016 PAGE 2 OF 2
RECORD ID #: DEH2014-HUPFP-001157

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (858) 505-6880 <http://www.sdcdeh.org>

Facility Closure Report

For:

JSR Micro
Suite #135
11011 N. Torrey Pines Road
La Jolla, CA 92037-1007

Submitted By:

James Kapin, MPH, CIH
Manager of Consulting Services

*ACT Environmental Services, Inc.
2010 West Mission Road
Escondido, CA 92029*



Date Conducted: *June 1, 2016*



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1. Summary

This report describes practices and procedures used to reduce levels of removable chemical/biological/contamination at the former JSR Micro laboratory areas located at Suite #135, 11011 N. Torrey Pines Road , La Jolla, CA to acceptable levels This Closure Report is consistent with the guidelines in American National Standards Institute standard Z9.11-2008, *Laboratory Decommissioning* as well as other applicable regulatory requirements. The ANSI Z9.11-2008 standards provide guidance for the laboratory decommissioning however all guidelines specified within the standard are not applicable to this facility. Appropriate documentation of closure activities is included in this Closure Report, including photo attachments and hazardous waste disposal manifests.

Work activities were conducted in accordance with typical professional practice and applicable worker safety and environmental regulations. All decontamination work, including chemical packaging, transport and disposal was performed by ACT Environmental Services, Inc. (ACT). All wastes were disposed of in accordance with applicable local, state and federal regulations. Prior to conducting facility decontamination activities, appropriate JSR Micro records (such as the facility’s Hazardous Materials Business Plan) were reviewed and a site walk was conducted to evaluate the physical condition of the facility and to verify hazardous materials previously used and stored onsite.

Based on these activities as well as the decontamination actions described below, removable contamination in the JSR lab areas and no conditions were identified that would represent a health hazard to future occupants of this space.

2. Property Description

Location: 11011 N. Torrey Pines, La Jolla, CA 92037

2.1 General Description of Facility

JSR Micro occupied two rooms under the same laboratory number (#135). One laboratory was 252 square feet, while the other laboratory was 1,022 square feet, totaling 1,274 square feet. Both laboratories contained general laboratory equipment, such as fume hoods. In general, the laboratory areas were clean and well maintained prior to the facility closure. There was little visible contamination, although some floor, bench top areas and the fume hoods had minor staining or discoloration associated with normal laboratory use.

2.2 Project Overview

Based on an initial evaluation and a review of The Hazardous Materials Business Plan (HMBP), and at the request of JSR Micro, a decontamination work plan was developed. This plan addressed the two laboratories that were used for research and development purposes only. Chemicals that were previously stored onsite included lab-scale quantities. No hazardous metals, potent compounds, Active Pharmaceutical Ingredients (APIs) or other high-hazard substances were used at this facility. All hazardous materials and hazardous waste was removed from the facility during the decontamination procedure. Various pieces of laboratory equipment were left at the facility after the decontamination occurred.

The purpose of this project was ensure interior spaces did not contain any remaining hazardous materials that could be harmful to future occupants. This project only addressed potential indoor contamination. No other environmental investigation or remediation was conducted on the exterior of the building, in groundwater, or in the soil.

The scope of this project was limited to the physical conditions of the building interior (as described above). Regulatory permits were not reviewed or evaluated and any modification to permits, licenses or similar documents was the responsibility of JSR Micro.

2.3 Areas Excluded from Facility Closure Plan

This project only addressed the JSR Micro laboratories (Laboratory #135). Other areas including administrative and office areas were not evaluated.

3. Project Scope

3.1 List of Areas Cleaned/Decontaminated

The two laboratories (Room #135) were the only area cleaned/decontaminated at this facility.

3.2 Cleaning/Decontamination Methods Used

Waste Disposal: All existing chemicals, materials and supplies were disposed of as solid waste, hazardous waste or medical waste in compliance with applicable local, state and federal regulations.

Fume Hoods were decontaminated using simple green and/or bleach wipes. Counters, surfaces, walls and flammable storage cabinets were wiped with soap, simple green or similar cleaning agent throughout all three laboratories. Floors were mopped with soap, simple green or similar cleaning agent and then cleaned with floor polisher throughout all laboratories as well.

3.3 General Work Practices Conducted by ACT

All work activities were conducted under the ACT Field Operations Manual. In general, Level D PPE was utilized by trained personnel during the facility closure process and included but was not limited to coveralls, gloves, chemical resistant boots/shoes, and safety glasses.

All decontamination supplies and equipment were staged in designated areas, outside of work area(s). Access to the site was limited to authorized personnel. As necessary (and as directed by responsible parties) any chemicals, equipment or other items to be retained by account for use at different sites or facilities were packaged and transported by ACT. All transportation of hazardous materials was completed in accordance with applicable local, state, federal regulations. Decontamination activities were conducted, as indicated in Section 3.2 (above), consistent with applicable local, state and federal regulations as well. Exhaust ducts, countertops, tables, and floors were left in place following decontamination.

Once decontamination and waste removal activities were initiated, site access was restricted to ACT personnel and company personnel familiar with the work being performed. ACT personnel entered and exited through a designated area. Non-ACT personnel were instructed on relevant safety measures as applicable. As the project progressed, ACT delineated all decontaminated areas of the building with cleaning/decontamination certifications detailing that the room has been cleaned including the date and name of personnel performing the cleaning. Decontamination certificates were attached to appropriate benchtops and equipment.

4. Waste Management and Documentation

All rinse waters utilized during the cleaning process were collected, pumped, and/or vacuumed into appropriate containment by ACT and managed in accordance with applicable hazardous waste regulations. Contaminated wipes/rags, contaminated detergents, and personal protective equipment (PPE) was collected and disposed of appropriately in accordance with hazardous waste regulations. Chemicals identified as hazardous waste were appropriately segregated, packaged, labeled, and profiled by ACT field chemist(s) for disposal. Hazardous waste was transported for disposal as hazardous waste to a licensed Treatment Storage and Disposal Facility (TSDF) accompanied with appropriate Hazardous Waste Manifest(s). The Hazardous Waste Manifest and lab pack inventory paperwork can be found in Attachment 2 of this closure report. Other relevant documentation, such as waste profiles can be provided by ACT upon request.

5. Sampling and Analysis

Sampling Procedures

Decontamination effectiveness was evaluated through physical cleanliness. If any area appeared physically clean, it is unlikely that there is any significant surface chemical contamination from the hazardous chemicals used by the facility (primarily volatile organic compounds or corrosive liquids). Wipe/surface samples are not generally appropriate for the chemicals or materials used by JSR Micro.

Attachment 1- Photos of Decontamination

Photo of Fume Hood



Photo of Bench Top/Equipment



Photo of Decontaminated Equipment



Photo of Decontaminated Equipment





Attachment 2- Documentation (Manifest(s) and Lab Pack Inventory)

Please print or type. (Form designed for use on **ella** (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CAL000395412	2. Page 1 of 1	3. Emergency Response Phone 1-888-785-7225	4. Manifest Tracking Number 015791308 JJK			
5. Generator's Name and Mailing Address JSR Micro Inc. 11011 N. Torrey Pines Rd. Ste 135 La Jolla, CA 92037			Generator's Site Address (if different than mailing address)					
Generator's Phone: (650) 704-3759			U.S. EPA ID Number CAL000404284					
6. Transporter 1 Company Name Advanced Chemical Transport Inc. (SV)			U.S. EPA ID Number					
7. Transporter 2 Company Name			U.S. EPA ID Number					
8. Designated Facility Name and Site Address Advanced Chemical Treatment 6133 Edith Blvd NE Albuquerque, NM 87107			U.S. EPA ID Number NMD002208627					
Facility's Phone: 505-349-5220								
9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
X	¹ UN1993, Waste Flammable liquids, n.o.s. (METHANOL, 2-PROPANOL), 3, PGII	1	DR	10	P	D001	551	
X	² UN2789, Waste Acetic acid, glacial, 8 (3), PGII	1	DR	10	P	D001	D002	551
	³ Non-RCRA Hazardous Waste Liquid (TRIZMA BASE, TWEEN 20)	1	DR	23	P		551	
	⁴							
14. Special Handling Instructions and Additional Information Project Number 98817 Document #: D118457 1) ERG#128: ACT52371 JSA-801 5GP 3) ACT52371 JSA-603 14GP 2) ERG#132: ACT52371 JSA-602 5GP								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Officer's Printed/Typed Name Marybeth George			Signature <i>M. George</i>		Month Day Year 06 02 2016			
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of export: _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name Steve Jordan			Signature <i>Steve Jordan</i>		Month Day Year 06 02 16			
Transporter 2 Printed/Typed Name			Signature		Month Day Year			
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
Manifest Reference Number: _____ U.S. EPA ID Number: _____								
18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number: _____								
Facility's Phone: _____								
18c. Signature of Alternate Facility (or Generator)					Month Day Year			
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1.	2.	3.	4.					
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name			Signature		Month Day Year			

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Attachment 3- Laboratory Decommissioning Procedures used by ACT Environmental Services, Inc.

1.1. General Room/Equipment Decontamination Procedures

- All accessible surfaces, floors, walls and sinks will be wiped, scrubbed and/or mopped with dilute detergent such as simple green and water. All equipment/tools with internal reservoirs will be drained and inspected prior to decommissioning work startup.
- Equipment to be reused by the company will be decontaminated using a bleach, simple green or similar cleaning agents. Alternatively, equipment will be discarded if no longer useful.
- All gas cylinders, ion exchange canisters for Reverse Osmosis- Deionized Water systems and similar items will be returned to the vendor(s).
- Decontamination of analytical labs, hazardous materials storage areas, fume hoods, countertops, floors, drawers (interior and exterior), cabinets (interior and exterior), sinks, and drains will be done utilizing Simple Green, Bleach or detergent soaked wipes using physical agitation on surfaces.
 - All accessible surfaces will first be agitated with cleaning solution applied through mopping or physical agitation of contaminated surfaces with clean cotton cloth.
 - A second physical wiping or mopping will be performed with cleaning agent.
 - Finally the same surfaces will be wiped and or mopped with clean water.
- Room walls will be cleaned from the floor to a level of 5 feet above the floor for any areas where contamination is suspected.
- All hazardous material signs will be removed from walls, doors, cabinets, etc. in the interior of the building.

1.2. Fume Hood Decontamination Procedures

- Fume Hood Exhausts will be cleaned (as described above), if possible, to 6 inches beyond the connection point with the fume hood.
- Unless other arrangements are made fume Hoods will be left in place after cleaning.
- Unless other arrangements are made, fume hood ductwork beyond 6" from fume hood connection point) will not be cleaned or removed.



6. Certification Statement

This report was prepared for JSR Micro by James Kapin of ACT Environmental Services, Inc. The information is, to the best knowledge and belief, true, accurate, and complete. This report is not to be construed as a call to actions for evacuation or remediation. If you have any questions, comments, or concerns, regarding this report, please feel free to contact James Kapin of ACT Environmental Services, Inc. at (619) 990-5955 or by email at JKapin@ACTEnviro.com.

Prepared by:

Date:

James Kapin

6/21/2016

James Kapin, MPH, CIH
Manager of Consulting Services
ACT Environmental Services, Inc.

**SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
*Annual Carcinogen and Reproductive Toxin Reporting List***

Business Name: JSR Micro, Inc.

Business Address: 11011 North Torrey Pines Road, Suite 135, San Diego, CA 92037

Business Owner or Operator: JSR Micro, Inc.

Please complete the following by entering the chemical name in the chemical name column and then place a check in the quantity column that most closely estimates the amount on hand. If measured by volume, check the appropriate gallon column(s). If measured by weight, check the appropriate pound column(s). If the chemical is a trade secret, you should check the trade secret box. For example, if you have one pint of benzene you would write benzene in the chemical name column and place a check in the <1-gallon column.

(PLEASE NOTE: the symbol < means less than).

Chemical Name	<1 gal.	<1 lb.	<10 gal.	<10 lbs.	<55 gal.	<500 lbs.	Trade Secret
Acrylamide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chloroform	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Methanol	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tetracycline	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Permit #: 10488145

Date:

7/12/2017

SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH HAZARDOUS MATERIALS DIVISION

Annual Carcinogen and Reproductive Toxin Reporting List

Business Name: Business Address: 11011 N. Torrey Pines Rd. #135, La Jolla, CA 92037

Business Owner or Operator: Lab Fellows Inc.

Please complete the following by entering the chemical name in the chemical name column and then place a check ✓ in the quantity column that most closely estimates the amount on hand. If measured by volume, check the appropriate gallon column(s). If measured by weight, check the appropriate pound column(s). If the chemical is a trade secret, you should check the trade secret box. For example, if you have one pint of benzene you would write benzene in the chemical name column and place a check ✓ in the <1-gallon column.

(PLEASE NOTE: the symbol < means less than).

Chemical Name	<1 gal.	<1 lb.	<10 gal.	<10 lbs.	<55 gal.	<500 lbs.	Trade Secret
Chloroform 865-49-6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Methylene Chloride 75-09-2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 07/18/2017

RECORD ID #: DEH2014-HUPFP-001157

TIME START: 12:50 PM END: 2:25 PM

SPECIALIST: Anastasiya Irkhin

INSPECTION CONTACT: Ali Mohammadian

TITLE: Compliance & Operations

PHONE: (760) 472-3320

E-MAIL: ali@labfellows.com

FACILITY NAME: Lab Fellows Inc
 ADDRESS: 11011 N TORREY PINES RD 135
 CITY/ZIP: SAN DIEGO /92121

FACILITY REFERENCE DATA

ACCELA

RECORD STATUS: Permit Suspended
 PERMIT EXPIRATION DATE: 03/31/2017
 BALANCE DUE: \$0.00
 INSPECTOR: Anastasiya Irkhin
 INSPECTION TYPE: Initial
 INSPECTION STATUS: Complete

CERS

EPA ID NUMBER: CAL000395412
 FACILITY CERS ID NUMBER: 10488145
 CERS LEAD USER: Virginia Purvis
 LAST CERS SUBMITTAL DATE: 07/12/2016
 ENVIRONMENTAL CONTACT EMAIL: tozag@jsrmicro.com
 ENVIRONMENTAL CONTACT PHONE: 4085438931

FACILITY INFORMATION

	YES	NO
INACTIVATION INSPECTION:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CHANGE OF OWNER:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CHANGE IN BUSINESS TYPE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS TYPE:	<u>Biomedical/Biotech-Not Large Manufacturer</u>	
ISSUE INITIAL INVOICE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ASSESS NON-NOTIFICATION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS RE-INSPECTION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FACILITY SUBJECT TO BASE FEE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
FACILITY SUBJECT TO CUPA FEE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
UPDATE FACILITY ADDRESS IN AA:	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	YES	NO		
HAZARDOUS MATERIALS:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
HAZARDOUS WASTE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
ABOVEGROUND PETROLEUM STORAGE ACT:*	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
TOTAL SHELL CAPACITY APSA:	<u>0</u>			
UNDERGROUND STORAGE TANK:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
CALARP PROGRAM (CERS):	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
CALARP PROGRAM LEVEL:	<u>1</u>	<u>2</u>	<u>3</u>	<u>N/A</u>
MEDICAL WASTE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
MW FACILITY GENERATING OVER 200 LBS PER MONTH:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
EPIC PARTICIPANT:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
NUMBER OF TLV GASES AT THE FACILITY:	<u>0</u>			

BUSINESS CLOSE DATE: _____

HW GENERATOR STATUS :

TIERED PERMIT LEVEL(S) :

PRIMARY BILLING CODE: SECONDARY BILLING CODE: TERTIARY BILLING CODE:

INSPECTION SCOPE:*

HAZARDOUS MATERIALS:

HAZARDOUS WASTE:

MEDICAL WASTE:

CALARP:

TIERED PERMITTING:

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT NAME: Ali Mohammadian TITLE: Compliance & Operations

REMOVE BLANK CHECKLISTS FROM FINAL INSPECTION REPORT REFUSED TO SIGN

TIME ACCOUNTING (Initial)

TOTAL TIME ENTERED: 2.1

Date	Time	Group	Type
07/18/2017	0.5	Record	Drive Time
07/18/2017	0.5	Record	Report Writing
07/18/2017	1	Record	HazMat HazWaste
07/18/2017	0.1	Record	Medical Waste SQG



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

FACILITY NAME: Lab Fellows Inc
 ADDRESS: 11011 N TORREY PINES RD 135
 CITY/ZIP: SAN DIEGO /92121

INSPECTION DATE: 07/18/2017
 RECORD ID #: DEH2014-HUPFP-001157
 TIME START: 12:50 PM END: 2:25 PM
 SPECIALIST: Anastasiya Irkhin
 INSPECTION CONTACT: Ali Mohammadian
 TITLE: Compliance & Operations
 PHONE: (760) 472-3320
 E-MAIL: ali@labfellows.com

INSPECTION REPORT EMAILS:

Anastasiya.Irkhin@sdcounty.ca.gov

RECORD COMMENT:

Initial inspection completed for "Lab Fellows Inc". At this time facility is a CESQG of HW and anticipates generating MW in future business activities per Ali Mohammadian. Facility began operations around June 2017.



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: Lab Fellows Inc
 ADDRESS: 11011 N TORREY PINES RD 135
 CITY/ZIP: SAN DIEGO /92121

INSPECTION DATE: 07/18/2017 PAGE 1 OF 7
 RECORD ID #: DEH2014-HUPFP-001157
 TIME START: 12:50 PM END: 2:25 PM
 SPECIALIST: Anastasiya Irkhin
 INSPECTION CONTACT: Ali Mohammadian
 TITLE: Compliance & Operations
 PHONE: (760) 472-3320
 E-MAIL: ali@labfellows.com

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit Current	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contingency Plan Available <input type="checkbox"/> LQG <input checked="" type="checkbox"/> SQG
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hazardous Materials Business Plan Available	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training Records Available
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training is Adequate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Universal Waste Managed Properly
<input type="checkbox"/>	<input type="checkbox"/>	Waste Disposal Records Available for Review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers <input checked="" type="checkbox"/> Closed <input checked="" type="checkbox"/> Labeled
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Emergency Contacts Current <input type="checkbox"/> Updated today	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers in Good Condition
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Inventory/Map Current <input type="checkbox"/> Updated today			Permit Expires On <u>03/31/2017</u>

CONSENT TO CONDUCT INSPECTION GRANTED BY: Ali Mohammadian

TITLE: Compliance & Operations

INTRODUCTION:

The Hazardous Materials Division (HMD) of the Department of Environmental Health serves as the Certified Unified Program Agency (CUPA) for the County of San Diego. As the local CUPA, Hazardous Materials Division implements the Unified Program, which includes programs pertaining to Hazardous Materials Business Plan, Hazardous Waste, Aboveground Petroleum Storage, and Underground Storage Tanks. In San Diego County, Hazardous Materials Division also enforces the Medical Waste Management Act.

Today an initial inspection was completed at Lab Fellows Inc to verify compliance with hazardous waste regulations. At the time of inspection this facility is a conditionally exempt small quantity hazardous waste generator.

This facility began operations at this location: June 2017

This facility is a research and development company specializing in facilitating start-up scientists.

Per facility representative Ali Mohammadian, this facility anticipates to be a small quantity medical waste generator in future business activities and will store on-site reportable amounts of liquid nitrogen. Facility representative has uploaded the medical waste streams into the inventory in CERS and the Medical Waste Management Plan.

Observed on-site during inspection:

- 3 x 5 gallon waste containers of solvent liquid hazardous waste
- 1 x 5 gallon waste container of solid hazardous waste

A hazardous waste pick-up has not occurred at this location since operations began per Ali Mohammadian.

Facility representative submitted a complete hazardous materials business plan (HMBP) in the California Environmental Reporting System (CERS) to notify the Hazardous Materials Division (HMD) of business activities. CERS submittal was verified during inspection.

CERS ID: 10488145



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 07/18/2017 PAGE 2 OF 7
 RECORD ID #: DEH2014-HUPFP-001157

AT THE TIME OF INSPECTION NO VIOLATIONS WERE OBSERVED

INSPECTION REMARKS:

Helpful Websites:

- For guidance documents on hazardous materials-related topics, go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS), go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations, go to: <http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails: <https://public.govdelivery.com/accounts/CASAND/subscriber/new>

If you have any questions regarding this inspection, please contact Anastasiya Irkhin, 858-518-7388, Anastasiya.Irkhin@sdcounty.ca.gov

INSPECTION PHOTOS

None

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE Ali Mohammadian	SIGNATURE 	DATE SIGNED 07/18/2017
TITLE OF FACILITY REPRESENTATIVE Compliance & Operations		

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
 Phone: (858) 505-6880 <http://www.sdcdeh.org>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT Handlers of Hazardous Materials and Small and Large Quantity Generators of Hazardous Waste

INSPECTION DATE: 07/18/2017 PAGE 3 OF 7
RECORD ID #: DEH2014-HUPFP-001157

FACILITY NAME: * Lab Fellows Inc

ADDRESS: * 11011 N TORREY PINES RD 135

CITY/ZIP: * SAN DIEGO

92121

Each violation checked below is for the section(s) of the California Health and Safety Code (HSC), California Code of Regulations (CCR), or the San Diego County Code (SDCC) indicated in italics. Incorporated provisions of Title 40 of the Code of Federal regulations (CFR) are noted for reference. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. HMBP = Hazardous Materials Business Plan; CUPA = Certified Unified Program Agency; CERS = California Environmental Reporting System; SQG = Small Quantity Hazardous Waste Generator; LQG = Large Quantity Hazardous Waste Generator

HAZARDOUS MATERIALS REQUIREMENTS

#	VIOLATION DESCRIPTION
<input type="checkbox"/> 1010001	HMBP not established/ implemented. HSC 25505(a) and 25507(a)
<input type="checkbox"/> 1010002	HMBP not submitted to the CUPA in CERS. HSC 25508(a)(1)(A); HSC 25404(e)(4); 27 CCR 15188(a),(b),(d)
<input type="checkbox"/> 1010003	Business Activities &/or Business Owner/Operator page not completed in CERS. 19 CCR 2652(a)(1); HSC 25404(e)(4); SDCC 68.904(b)
<input type="checkbox"/> 1010004	Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508(a)(1)(A); 25508.1(a-b); 19 CCR 2654 (a) or (d)
<input type="checkbox"/> 1010005	Site map not submitted in CERS or not sufficient. HSC 25505(a)(2); 25508(a)(1)(A); 25508.1(f); 19 CCR 2652(a)(3)
<input type="checkbox"/> 1010006	Failed to update HMBP in CERS within 30 days of a substantial change to any portion of the HMBP, including inventory changes or facility information. HSC 25508.1(a-f); 19 CCR 2654(d); SDCC 68.904(c)(6)
<input type="checkbox"/> 1010008	HMBP not certified annually as complete and accurate in CERS. HSC 25508(a)(1)(A), 25508.2, 19 CCR 2654(b)
<input type="checkbox"/> 1010010	Emergency response procedures to mitigate a release or threatened release not adequate, not established or not submitted in CERS. HSC 25505(a)(3), 25508(a)(1)(A); 19 CCR 2658
<input type="checkbox"/> 1010011	Failure to notify property owner in writing that the business is subject to the HMBP program. HSC 25505.1
<input type="checkbox"/> 1010012	Failure to provide a copy of HMBP to the property owner within five working days upon request from property owner. HSC 25505.1
<input type="checkbox"/> 1010014	Failure to submit emergency response plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A)
<input type="checkbox"/> 1010015	Failure to submit employee training plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A)
<input type="checkbox"/> 1010016	HMBP not established or submitted in CERS, when not meeting the remote site exemption. HSC 25507.2 and 25508(a)(1)(A)
<input type="checkbox"/> 1020001	Employee training plan for hazardous materials management not adequate, not established or not submitted in CERS. HSC 25505(a)(4) and 25508(a)(1)(A); 19 CCR 2659(a)
<input type="checkbox"/> 1020002	Initial &/or annual employee training not conducted for hazardous materials management &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)
<input type="checkbox"/> 1040001	Hazardous materials release or threatened release not reported to the CUPA and OES immediately upon discovery. HSC 25510(a); 19 CCR 2631(a)
<input type="checkbox"/> HMD1001	Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905; 68.906, 68.907
<input type="checkbox"/> HMD1005	Emergency contact not provided or current in CERS. HSC 25508.1(f); SDCC 68.904(b)
<input type="checkbox"/> HMD1007	Highly toxic gas (TLV<10 ppm) not disclosed. SDCC 68.1113(b)
<input type="checkbox"/> HMD1008	Annual carcinogen/reproductive toxin list not submitted. SDCC 68.1113(c)
<input type="checkbox"/> 1010017	HMBP not readily available to facility personnel or the CUPA. HSC 25505(c)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS ONLY

#	VIOLATION DESCRIPTION
<input type="checkbox"/> HMD0226	Did not accumulate waste in a container or tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2)
<input type="checkbox"/> 3030007	Failed to properly label/date hazardous waste container &/or tank. 22 CCR 66262.34(f)
<input type="checkbox"/> 3030010	Accumulated waste too long (>180 or 270 days) or (>90 days). HSC 25201(a); 22 CCR 66262.34(d); 40 CFR 262.34(e) and (f)
<input type="checkbox"/> 3030013	Failed to accumulate hazardous waste in a container that is in good condition. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.171
<input type="checkbox"/> 3030015	Failed to accumulate or store hazardous waste in a lined &/or compatible container. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.172
<input type="checkbox"/> 3030017	Failed to properly close hazardous waste container(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.173
<input type="checkbox"/> 3030019	Failed to inspect hazardous waste storage area at least weekly. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.174
<input type="checkbox"/> 3030022	Failed to properly separate incompatible waste. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.177
<input type="checkbox"/> 3030030	Failed to maintain &/or operate facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.31
<input type="checkbox"/> 3030036	Failed to maintain adequate aisle space. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4); 265.35
<input type="checkbox"/> 3010022	Failed to post, next to the telephone, emergency information containing the location of emergency equipment, contact names and phone numbers. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(ii)
<input type="checkbox"/> 3020001	Failure to ensure employees are trained on hazardous waste regulations related to proper waste handling and emergency response procedures. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iii)
<input type="checkbox"/> 3030032	Failed to maintain the following emergency response equipment or equivalent: 1) An internal communication or alarm system; 2) A communication device, such as a telephone; 3) Portable fire extinguishers, fire/spill control equipment and decontamination equipment; and 4) Water at adequate volume and pressure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4); 265.32
<input type="checkbox"/> 3030039	Failed to have an emergency coordinator on call or available during an emergency. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(i)
<input type="checkbox"/> HMD0412	Failed to implement contingency plan during an emergency, spill/release. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iv)

HAZARDOUS WASTE TANK SYSTEMS FOR SQGS ONLY

#	VIOLATION DESCRIPTION
<input type="checkbox"/> 3030024	Failed to operate uncovered tanks to ensure at least 2 ft. of freeboard to prevent overtopping, unless the tank is equipped with a containment structure, a drainage control system, or a diversion structure with a capacity that equals or exceeds the volume of the top 2 ft. of the tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(c)
<input type="checkbox"/> 3030025	Failed to provide an overflow protection device on continuously fed hazardous waste tank(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3); 265.201(b)(4)



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Hazardous Materials and Hazardous Waste (continued)

- 3030027 Failed to conduct daily tank inspection of discharge control system, monitoring equipment and waste level. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(1-3), 262.34(d)(3)
- 3030028 Failed to conduct weekly hazardous waste tank inspection to ensure that the construction materials, fixtures and surrounding areas of the tank are in good condition. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(4-5), 262.34(d)(3)
- 3050007 Failed to properly decontaminate and document closure of a hazardous waste tank system. 22 CCR 67383.3; 40 CFR 262.34(d)(3), 265.201(f)
- HMD1612 Hazardous waste improperly stored in a tank system causing leaks, corrosion, or failure. 22 CCR 66262.34(d)(2); 40 CFR 265.201(b)
- HMD1614 Failed to pre-notify the CUPA in writing prior to closing a hazardous waste tank system. 22 CCR 67383.3(a)(1)
- HMD1615 Failed to properly accumulate ignitable or reactive waste in a tank system. 22 CCR 66262.34(d)(2); 40 CFR 265.201(g)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS AND LOGS

RECORD KEEPING/OPERATIONAL REQUIREMENTS

- | # | <u>VIOLATION DESCRIPTION</u> |
|--------------------------|--|
| <input type="checkbox"/> | HMD0131 Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. HSC 25404.1; SDCC 68.905 |
| <input type="checkbox"/> | HMD0150 Failed to submit complete and accurate Facility Information in CERS. HSC 25404(e)(4); 27 CCR 15188(b-c); SDCC 68.904(b) |
| <input type="checkbox"/> | 3030053 Failed to maintain waste analysis records, analytical records &/or waste determination results for at least 3 years. 22 CCR 66262.40(c) |
| <input type="checkbox"/> | 3010002 Failed to obtain &/or maintain an active EPA ID Number. 22 CCR 66262.12(a) |
| <input type="checkbox"/> | 3010008 Failed to properly complete a uniform hazardous waste manifest. 22 CCR 66262.23(a) |
| <input type="checkbox"/> | 3010009 Failed to submit an Exception Report to DTSC for hazardous waste manifest. HSC 25123.3(h)(2); 22 CCR 66262.42 |
| <input type="checkbox"/> | 3010010 Failed to maintain copies of Uniform Hazardous Waste Manifest, consolidated manifest, or Bills of Lading for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a), 66262.23(a)(3) |
| <input type="checkbox"/> | 3010011 Failed to send copy of the uniform hazardous waste manifest to DTSC within 30 days of shipment. 22 CCR 66262.23(a)(4) |
| <input type="checkbox"/> | 3010013 Failed to meet the consolidated manifesting requirements for waste shipment. HSC 25160.2; 22 CCR 66262.40(a) |
| <input type="checkbox"/> | 3010014 Failed to retain disposal records of spent lead-acid batteries for 3 years. 22 CCR 66266.81(a)(4)(B) |
| <input type="checkbox"/> | 3030006 Failed to determine if a hazardous waste is restricted or prohibited from land disposal. 22 CCR 66268.7(a) |
| <input type="checkbox"/> | 3010016 Failure of recycler who recycles more than 100 kilograms per month of a recyclable material to submit the biennial Recyclable Materials Report (RMR) in CERS when claiming exclusion or exemption. HSC 25143.10(a), (c) &/or (d) |
| <input type="checkbox"/> | HMD0149 Failed to keep disposal receipts for drained used oil filters and/or drained fuel filters for 3 years. HSC 25250.22; 22 CCR 66266.130 |
| <input type="checkbox"/> | HMD0152 Failed to submit/report in CERS chemical inventory information for hazardous waste and/or medical waste, and keep up to date. SDCC 68.904(a)(2) |
| <input type="checkbox"/> | HMD0140 Failed to have Land Disposal Restriction documentation onsite for 3 years. 22 CCR 66268.7(a)(8) |
| <input type="checkbox"/> | 3250005 Failed to obtain a Treatment, Storage and Disposal Facility (TSDF) permit or authorization to store/treat/dispose of hazardous waste. HSC 25201(a) |
| <input type="checkbox"/> | 3050005 Failed to have adequate records demonstrating claim of exemption or exclusion for recyclable materials. HSC 25143.2(f); 22 CCR 66261.2(g) |
| <input type="checkbox"/> | HMD0142 Failed to notify the CUPA in CERS for onsite hazardous waste treatment/tiered permitting. HSC 25201(a) |
| <input type="checkbox"/> | HMD0138 Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a) |

DISPOSAL AND TRANSPORTATION

- | # | <u>VIOLATION DESCRIPTION</u> |
|--------------------------|---|
| <input type="checkbox"/> | 3010007 Failed to prepare a hazardous waste manifest for the transport of a waste for off-site transfer, treatment, storage, or disposal. HSC 25160(b)(1) or (2), 25160.2(b)(9); 22 CCR 66262.20(a) |
| <input type="checkbox"/> | 3030005 Failed to make a proper waste determination. 22 CCR 66262.11, 66262.40(c) |
| <input type="checkbox"/> | 3050001 Failed to use a DTSC registered hazardous waste transporter to transport hazardous waste. HSC 25163(a); 22 CCR 66263.41 |
| <input type="checkbox"/> | 3050002 Failed to properly dispose of hazardous waste at an authorized facility. HSC 25189.5(a); 25189(c),(d); 25189.2(c) |
| <input type="checkbox"/> | HMD0308 Impermissible dilution of hazardous waste. 22 CCR 66268.3(a) |
| <input type="checkbox"/> | HMD0305 Disposed of used oil illegally. HSC 25250.5(a); 25189.5(a); 25189(c),(d); 25189.2(c) |
| <input type="checkbox"/> | HMD0306 Failed to properly dispose of hazardous waste latex paint. HSC 25217.1 |

STORAGE AND HANDLING

- | # | <u>VIOLATION DESCRIPTION</u> |
|--------------------------|---|
| <input type="checkbox"/> | 3030001 3030001 Failed to meet the management requirements when handling or storing spent lead-acid batteries. 22 CCR 66266.81(a) |
| <input type="checkbox"/> | 3030003 Failed to properly manage 'damaged' spent lead acid batteries. 22 CCR 66266.81(b) |
| <input type="checkbox"/> | 3030004 Failed to properly manage, store, label &/or recycle used oil filters &/or used fuel filters. HSC 25250.22; 22 CCR 66266.130 |
| <input type="checkbox"/> | 3050004 Generator intentionally contaminated used oil with another hazardous waste other than minimal amounts of fuel. HSC 25250.7(a), (c) |
| <input type="checkbox"/> | HMD0222 Failed to properly label Excluded Recyclable Materials (ERM) accumulated in a container or tank. HSC 25143.9(a) |
| <input type="checkbox"/> | HMD0216 Failed to label hazardous material container within 10 days after the container was discovered to be mislabeled or inadequately labeled. HSC 25124(b)(3)(A); 22 CCR 66262.34(f) |
| <input type="checkbox"/> | HMD0217 Failed to repackage damaged/deteriorated hazardous material container within 96 hours. HSC 25124(b)(3)(B); 22 CCR 66262.34(f) |
| <input type="checkbox"/> | HMD0219 Failed to properly segregate used oil &/or fuel drained from filters. HSC 25250.22(b)(4); 22 CCR 66266.130(c)(6) |
| <input type="checkbox"/> | 3030057 Failed to comply with hazardous waste satellite container regulation. 22 CCR 66262.34(e) |
| <input type="checkbox"/> | HMD0023 Failed to properly empty container, failed to manage non-empty container, or inner liner removed from a container. 22 CCR 66261.7(b-e) &/or (r) |
| <input type="checkbox"/> | 3030058 Failed to mark date on empty container larger than 5 gallons &/or manage it within one year. 22 CCR 66261.7(f) |

UNIVERSAL WASTE HANDLER REQUIREMENTS

- | # | <u>VIOLATION DESCRIPTION</u> |
|--------------------------|--|
| <input type="checkbox"/> | 3010004 Failed to obtain a California ID Number from DTSC or federal ID Number from USEPA prior to accumulating 5,000 kgs or more of Universal Waste. 22 CCR 66273.32(a-b) |



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

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Hazardous Materials and Hazardous Waste (continued)

- HMD0151 Failed to maintain universal waste handler training records for 3 years. 22 CCR 66273.36(c),(d)
- 3020003 Failed to properly train handlers of universal waste in universal waste management and response procedures. 22 CCR 66273.36(a),(b)
- 3030008 Failed to properly label or mark Universal Waste container (excluding CESQUWG) 22 CCR 66273.34
- 3030011 Failed to properly dispose of Universal Waste within one year. 22 CCR 66273.35(a) &/or (b)
- HMD0147 Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2)
- 3030051 Failed to meet accumulation &/or containment standards for Universal Waste aerosol containers. HSC 25201.16(f)
- 3040004 Failed to manage universal waste in a manner to prevent release(s) to the environment. 22 CCR 66273.33; 66273.33.5
- HMD0307 Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a), 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a), 66273.8(b)
- 3010005 Failure of a universal handler of electronic devices or CRTs from an offsite source to notify DTSC 30 days prior to acceptance. 22 CCR 66273.32(c)

HM-923 (06-17)



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Medical Waste Generators

Each violation checked below is for the section(s) of the California health and Safety Code (HSC), California Code of Regulation (CCR), or the San Diego County Code (SDCC) indicated in italics. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. UPF = Unified Program Facility; MW = Medical Waste; USPS = United States Postal Service; DOT = Department of Transportation

MEDICAL WASTE GENERATORS

STORAGE AND LABELING

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> HMD4201 | UPF Permit not obtained. HSC 117705; SDCC 68.905, 68.1202 |
| <input type="checkbox"/> HMD4216 | Failed to submit/report in CERS chemical inventory information for hazardous waste and/or medical waste, and keep up to date. SDCC 68.904(a)(2) |
| <input type="checkbox"/> HMD4202 | Medical waste (MW) not separated from other waste at the point of origin. HSC 118275 |
| <input type="checkbox"/> HMD4203 | Enclosure or designated accumulation area for MW containers not secured. HSC 118307, 118310 |
| <input type="checkbox"/> HMD4204 | MW designated accumulation area not posted with an approved, legible biohazardous waste "warning sign" in English & Spanish which can be read from 25 ft. HSC 118310 |
| <input type="checkbox"/> HMD4205 | Medical SOLID WASTE not secured to deny access to unauthorized persons. SDCC 68.1211 |
| <input type="checkbox"/> HMD4206 | Spill of MW not properly cleaned up. HSC 118300 |
| <input type="checkbox"/> HMD4207 | Sharps not stored in approved and properly marked sharps container. HSC 118285(a) & (d) |
| <input type="checkbox"/> HMD4208 | Full sharps container not taped closed or tightly-lidded to preclude loss of contents. HSC 118285(b) |
| <input type="checkbox"/> HMD4209 | Primary containers accumulating MW not labeled with generator's name, address, and phone number. SDCC 68.1205 |
| <input type="checkbox"/> HMD4210 | Medical waste not stored in approved and properly marked biohazard bags. HSC 118275(a) |
| <input type="checkbox"/> HMD4211 | Biohazard bags not tied off to prevent leakage/expulsion of contents during handling and storage. HSC 118280(a) |
| <input type="checkbox"/> HMD4212 | Biohazard bags not containerized in rigid, leak resistant, and covered containers or bins when placed for storage, handling, or transport. HSC 118280(b) |
| <input type="checkbox"/> HMD4213 | Waste container/bin not labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD" on the lid and sides. HSC 118280(c) |
| <input type="checkbox"/> HMD4214 | Reusable containers/bins for MW storage not kept clean and sanitary. HSC 118295, 118305 |
| <input type="checkbox"/> HMD4215 | Frozen (0°C/32°F) biohazardous waste stored >90 days. HSC 118280(e)(2) |
| <input type="checkbox"/> HMD4306 | Full sharps container stored >30 days at >0°C. HSC 118285(c) |
| <input type="checkbox"/> HMD4307 | Biohazard bag waste stored >7 days at >0°C (for generators of >20lbs/month). HSC 118280(e)(1)(A) |
| <input type="checkbox"/> HMD4308 | Biohazard bag waste stored >30 days at >0°C (for generators of <20lbs/month). HSC 118280(e)(1)(B) |
| <input type="checkbox"/> HMD4219 | MW interim storage area not marked with warning sign or biohazard symbol legible from 5 ft. HSC 118307, 118310 |
| <input type="checkbox"/> HMD4220 | MW interim storage area not properly secured. HSC 118307 |

TREATMENT AND DISPOSAL

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> HMD4251 | MW treated by unapproved method/procedure. HSC 118215 |
| <input type="checkbox"/> HMD4252 | Standardized written operating procedures for steam sterilization not available. HSC 118215(a)(2)(A) |
| <input type="checkbox"/> HMD4253 | Recording thermometer not calibrated annually. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> HMD4254 | No records of annual thermometer calibration checks onsite for at least the past 2 years. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> HMD4255 | Heat-sensitive tape/other approved method not used for each load treated onsite. HSC 118215(a)(2)(C) |
| <input type="checkbox"/> HMD4256 | Monthly biological indicator or other approved method not used to confirm proper disinfection. HSC 118215(a)(2)(D) |
| <input type="checkbox"/> HMD4257 | Onsite steam sterilization did not reach 121°C/250°F for 30 minutes. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> HMD4258 | Treatment records/logs of dates, time, and temperature not available for 2 years. HSC 118215(a)(2)(E) |
| <input type="checkbox"/> HMD4259 | Disposal of untreated MW to an unauthorized point. HSC 118340 |

TRANSPORTATION REQUIREMENTS

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> HMD4260 | Transportation of MW without State Hauler Registration, USPS or requirements of the DOT "Materials of Trade Exceptions." HSC 118025 |
| <input type="checkbox"/> HMD4311 | Medical waste tracking documents/logs not in vehicle transporting medical waste. HSC 118040 |

SMALL QUANTITY GENERATORS ONLY

(<200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> HMD4301 | Medical Waste Management Plan (MWMP) not submitted to HMD (initial/updates), if onsite treatment. HSC 117935 |
| <input type="checkbox"/> HMD4302 | Did not maintain and show proof of "onsite" medical waste treatment records for 3 years. HSC 117943 |
| <input type="checkbox"/> HMD4303 | Did not retain on file disposal receipts, tracking/shipping documents for medical waste shipped offsite for 3 years. HSC 117945 |
| <input type="checkbox"/> HMD4309 | MWMP or equivalent information not onsite (only for SQG doing onsite treatment or comply with pharmaceutical waste hauling exemption). HSC 117935, 118032 |

LARGE QUANTITY GENERATORS ONLY

(>= 200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> HMD4351 | MWMP not submitted to HMD (initial/updates). HSC 117960, 117970 |
| <input type="checkbox"/> HMD4352 | Records of medical waste treatment not available for 2 years. HSC 117975, 118215(a)(2)(E) |



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

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Medical Waste Generators (continued)

- HMD4353 Did not make available disposal receipts, tracking/shipping documents for at least 2 years for medical waste shipped offsite. HSC 117975

LOG MW ONSITE TREATMENT FACILITY

(>= 200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> HMD4501 | Onsite MW treatment permit not obtained/renewed. HSC 117950, 118130, 65620, 65623 |
| <input type="checkbox"/> HMD4502 | Current copy of the MW treatment permit not available. HSC 65621(f), 65623, 118165, 118180 |
| <input type="checkbox"/> HMD4503 | Condition(s) of the MW treatment permit violated. HSC 65623 |

CHEMOTHERAPY, PATHOLOGY, PHARMACEUTICAL HAZARDOUS & UNIVERSAL WASTES

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> HMD4401 | Trace Chemo waste not segregated from other MW. HSC 118275(a)(4) |
| <input type="checkbox"/> HMD4402 | Trace Chemo waste container not labeled "Chemotherapy Waste" or "CHEMO" on the lid and the sides. HSC 118275(a)(4) |
| <input type="checkbox"/> HMD4403 | Illegal disposal of chemo waste. HSC 118340 |
| <input type="checkbox"/> HMD4411 | Pathology waste not segregated from other MW. HSC 118275(a)(5) |
| <input type="checkbox"/> HMD4412 | Pathology waste container not labeled "Pathology Waste" or "PATH" on the lid and the sides. HSC 118275(a)(5) |
| <input type="checkbox"/> HMD4413 | Illegal disposal of pathology waste. HSC 118340 |
| <input type="checkbox"/> HMD4421 | Pharm waste not segregated from other MW. HSC 118275(a)(6) |
| <input type="checkbox"/> HMD4422 | Pharm waste not labeled "Incineration Only or HIGH HEAT" on the lid and the sides. HSC 118275(a)(6) |
| <input type="checkbox"/> HMD4423 | Pharm waste stored >90 days when container full, or stored longer than one year (maximum allowable time). HSC 118280(f) |
| <input type="checkbox"/> HMD4432 | Illegal disposal of pharm waste. HSC 118340, 118222(b) |
| <input type="checkbox"/> HMD4441 | Disposal of photo/hazwaste to an unauthorized point. HSC 25189.5 |
| <input type="checkbox"/> HMD0147 | Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2) |
| <input type="checkbox"/> HMD0307 | Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a), 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a), 66273.8(b) |



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6880 FAX (858) 505-6848
<http://www.sdcdeh.org>



Medical Waste Management Plan

The San Diego County Department of Environmental Health, Hazardous Materials Division (HMD) is the local agency designated by the California Department of Public Health to implement the Medical Waste Management Act. This law governs the generation, handling, storage, transportation, treatment and disposal of medical waste to protect the public and the environment from potential infectious exposure to disease-causing agents.

The Medical Waste Management Plan (MWMP) is a document that describes the types and amount of medical waste generated at a specific location, and indicates how wastes are managed to ensure proper treatment and disposal. All Large Quantity Generators (LQGs) generating **≥200 pounds** of medical waste per month and Small Quantity Generators (SQGs) generating **<200 pounds** of medical waste per month that also treat their medical waste onsite, are required to submit their MWMP to the local enforcement agency. [Authority cited California Health and Safety Code § 117600 et seq.]

SQGs of medical waste that do not treat their medical waste onsite or do not transport waste under the Pharmaceutical Waste Hauling Exemptions, are not required to submit this form to the local enforcement agency; however are required for maintaining a document stating how they contain, store, treat, and dispose of any medical waste generated on file at their office. Completing a MWMP and keeping it at their office can satisfy this requirement. All uses of the Medical Waste Self-Haul and Pharmaceutical Waste Hauling Exemptions require recording and tracking documentation.

Attached is a blank MWMP form for your use. Please **complete, sign, and upload, as required above**, your MWMP to the "Locally-Required Documentation" of the "Hazardous Materials Inventory" section of your California Environmental Reporting System (CERS) facility. Retain a copy for your records and inspection review. If there are changes in any of the information on your MWMP, submit a revised form in CERS within 30 days of changes. Annual submittal of the MWMP is not required.

Additional information about CERS can be found at the following website:
http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html

If you have any questions, please contact your area inspector or the Hazardous Materials Division Duty Desk at (858) 505-6880.

Attachment

"Environmental and public health through leadership, partnership and science"

MEDICAL WASTE – DEFINITION OF TERMS

MEDICAL WASTE means biohazardous, pathology, pharmaceutical, or trace chemotherapy waste not regulated by the federal Resource Conservation and Recovery Act; sharps and trace chemotherapy wastes generated in a health care setting in the diagnosis, treatment, immunization, or care of humans or animals; waste generated in autopsy or necropsy; waste generated during preparation of a body for final disposition such as cremation or interment; waste generated in research pertaining to the production or testing of microbiologicals; waste generated in research using human or animal pathogens; sharps and laboratory waste that poses a potential risk of infection to humans generated in the inoculation of animals in commercial farming operations; waste generated from the consolidation of home-generated sharps; and waste generated in the cleanup of trauma scenes.

BIOHAZARDOUS WASTE means all of the following (A-D):

(A) (i) Regulated medical waste, clinical waste, or biomedical waste that is a waste or reusable material derived from the medical treatment of a human or from an animal that is suspected by the attending veterinarian of being infected with a pathogen that is also infectious to humans, which includes diagnosis and immunization; or from biomedical research, which includes the production and testing of biological products.

(ii) Regulated medical waste or clinical waste or biomedical waste suspected of containing a highly communicable disease.

(B) Laboratory waste such as human specimen cultures or animal specimen cultures that are infected with pathogens that are also infectious to humans; cultures and stocks of infectious agents from research; wastes from the production of bacteria, viruses, spores, discarded live and attenuated vaccines used in human health care or research, discarded animal vaccines, including Brucellosis and Contagious Ecthyma, as defined by the department; culture dishes, devices used to transfer, inoculate, and mix cultures; and wastes identified by Section 173.134 of Title 49 of the Code of Federal Regulations as Category B “once wasted” for laboratory wastes.

(C) Waste that, at the point of transport from the generator’s site or at the point of disposal contains recognizable fluid human blood, fluid human blood products, containers, or equipment containing human blood that is fluid, or blood from animals suspected by the attending veterinarian of being contaminated with infectious agents known to be contagious to humans.

(D) Waste containing discarded materials contaminated with excretion, exudate, or secretions from humans or animals that are required to be isolated by the infection control staff, the attending physician and surgeon, the attending veterinarian, or the local health officer, to protect others from highly communicable diseases or diseases of animals that are communicable to humans.

SHARPS CONTAINERS means a rigid puncture-resistant container used in patient care or research activities meeting the standards of, and receiving approval from the United States Food and Drug Administration as a medical device used for the collection of discarded medical needles or other sharps.

“BIOHAZARD BAG” means a disposable film bag that is impervious to moisture. The film bags that are used for transport shall be marked and certified by the manufacturer as having passed the tests prescribed for tear resistance in the American Society for Testing Materials (ASTM) D1922, “Standard Test Method for Propagation Tear Resistance of Plastic Film and Thin Sheeting by Pendulum Method” and for impact resistance in ASTM D 1709, “Standard Test Methods for Impact Resistance of Plastic Film by the Free-Falling Dart Method,” as those documents were published in January 1, 2014. The film bag shall meet an impact resistance of 165 grams and a tearing resistance of 480 grams in both parallel and perpendicular planes with respect to the length of the bag. The color of the bag shall be red; except when yellow bags are used to further segregate trace chemotherapy waste and white bags are used to further segregate pathology waste.

STORAGE AREA WARNING SIGN is: A sign posted at a designated accumulation area, visible for 25 feet, used to store medical waste which must read in English, “CAUTION—BIOHAZARDOUS WASTE STORAGE AREA—UNAUTHORIZED PERSONS KEEP OUT” and in Spanish, “CUIDADO-ZONA DE RESIDUOS—BIOLÓGICOS PELIGROSOS—PROHIBIDA LA ENTRADA A PERSONAS NO AUTORIZADAS” or in another language determined to be appropriate. Intermediate storage areas shall be marked with the international biohazardous symbol or the signage noted above. These warning signs shall be readily legible from a distance of five feet.

PHARMACEUTICAL WASTE (a) means a pharmaceutical, as defined in Section 117747, including trace chemotherapy waste, that is a waste, as defined in Section 25124. (b) For purposes of this part, “pharmaceutical waste” does not include any pharmaceutical that meets either of the following criteria:

(1) The pharmaceutical is being sent out of the State of California to a reverse distributor, as defined in Section 4040.5 of the Business and Professions Code, that is licensed as a wholesaler of dangerous drugs by the California State Board of Pharmacy pursuant to Section 4161 of the Business and Professions Code.

(2) The pharmaceutical is being sent by a reverse distributor, as defined in Section 4040.5 of the Business and Professions Code, offsite for treatment and disposal in accordance with applicable laws, or to a reverse distributor that is licensed as a wholesaler of dangerous drugs by the California State Board of Pharmacy pursuant to Section 4160 of the Business and Professions Code and as a permitted transfer station if the reverse distributor is located within the State of California.



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6880 FAX (858) 505-6848
<http://www.sdcdeh.org>



Medical Waste Management Plan

Facility Information	
Business Name Lab Fellows Inc.	Unified Program Facility Permit #
Type of Business Biotech R&D	Date 7/17/2017
Street Address 11011 N. Torrey Pines Rd, #135	City/ZIP La Jolla, 92037
Person Responsible for implementing the Medical Waste Management Plan (MWMP)	
Name Ali Mohammadian	
Title Compliance & Operations	Phone 7604723320
Types of medical wastes (MW) generated	
<input checked="" type="checkbox"/> MW Sharps - e.g., needles, blades, scalpels, or broken glass or syringes contaminated with biohazardous waste. (human or animal) Estimated monthly amount <u>1</u> lbs	<input type="checkbox"/> Blood or blood products - liquid blood or blood products, or other regulated body fluids, or articles contaminated with liquid blood or body fluids. Estimated monthly amount _____ lbs
<input checked="" type="checkbox"/> Laboratory wastes – infectious specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, biologicals, and culture media. Estimated monthly amount <u>15</u> lbs	<input type="checkbox"/> Pathology waste – human or animal tissues suspected to be infectious to humans Estimated monthly amount _____ lbs
<input checked="" type="checkbox"/> Liquid or semi-liquid biohazardous laboratory waste - treated on site by chemical disinfection* and discharged to sewer. Estimated monthly amount <u>5</u> lbs	<input type="checkbox"/> Isolation waste - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases. Estimated monthly amount _____ lbs
<input type="checkbox"/> Trace chemotherapeutic waste Estimated monthly amount _____ lbs	<input type="checkbox"/> Contaminated animals w/Highly communicable animal carcasses, body parts, tissues or fluids suspected to be contaminated by agents which are contagious. Estimated monthly amount _____ lbs
<input type="checkbox"/> California-regulated pharmaceutical waste (non-RCRA, non-radioactive) Estimated monthly amount _____ lbs	<input type="checkbox"/> Other (specify): _____ Estimated monthly amount _____ lbs
Estimate of <u>TOTAL</u> monthly medical waste for generator classification: <u><25</u> lbs	
Estimate of other monthly medical wastes (does not count towards generator class):	
<input type="checkbox"/> Home Generated MW Sharps Estimated Monthly Amount _____ lbs.	<input type="checkbox"/> Home Generated Pharmaceutical Waste Estimated monthly amount _____ lbs.
ONSITE MEDICAL WASTE TREATMENT ONLY: Method & capacity of medical waste treatment <i>if performed onsite:</i>	
<input type="checkbox"/> Steam Autoclaving <input type="checkbox"/> Other state approved alternative technology (specify below): _____	
Treatment records must be maintained for three years for small quantity generators, and maintained two years for large quantity generators. (HSC§117943; HSC§117975)	


*Per HSC §118215(c), for liquid or semi-liquid biohazardous laboratory waste (§117690(b)(1)(B)), the treatment method must be recognized by the NIH, the CDC, or the American Biological Safety Association. If the chemical disinfection of the medical waste causes the waste to become a hazardous waste, the waste shall be managed in accordance with the requirements of HSC Chapter 6.5 (commencing with §25100) of Division 20.

Medical Waste Management Plan

The following requirements apply to LQGs (HSC§117960), and SQGs that treat MW on-site, or use the Pharmaceutical Waste Hauling Exemption. (HSC§118032)

Emergency Action Plan

This plan is to be followed to ensure the proper disposal of medical waste, including controlled substances in compliance with DEA, approved incineration of pharmaceutical and trace chemotherapy in the event of a natural disaster, spill, treatment system break down, power failure, etc., and closure plan at termination (600 characters max. for WORD interactive form - use additional sheets if necessary). (LQG HSC§117960(h); SQG HSC§117935).

Registered hazardous waste hauler/common carrier used to remove untreated medical waste (if applicable)	
Primary Hauler Name Ingenium	Phone # 800-805-6236
Street Address 2280 Micro Pl,	City/ZIP Escondido, CA 92029
Contact Person Nicole Melendrez	Contact Phone # 760-745-8780
Offsite treatment facility to which medical waste is transported (if applicable)	
Facility Name Medical Waste Services	Phone # 888-610-1311
Street Address 7321 Quimby St	City/ZIP Paramount, CA 90723
Contact Person Customer Service	Contact Phone # 888-610-1311
<u>Pharmaceutical Waste Categorization</u> If applicable, the steps taken to categorize the pharmaceutical wastes generated at the facility to ensure that the wastes are properly disposed of as follows: (1) Pharmaceutical wastes classified by the federal Drug Enforcement Administration (DEA) as "controlled substances" are disposed of in compliance with DEA requirements. <u>(2) The name and business address of the registered hazardous waste hauler used by the generator to have wastes that are not regulated pursuant to the federal Resource Conservation and Recovery Act of 1976 and nonradioactive pharmaceutical wastes regulated as medical waste safely removed for treatment in compliance with subdivision (b) of Section 118222 as waste requiring specific methods. (LQG:HSC§117960(i); SQG:HSC§117935(i))</u>	
<u>Closure Plan</u> A closure plan for the termination of treatment at the facility using, at a minimum, one of the methods of decontamination specified in subdivision (a) or (b) of Section 118295, thereby rendering the property to an acceptable sanitary condition following the completion of treatment services at the site. (LQG: HSC§117960(j); SQG: HSC§117935(j))	
<i>I hereby certify to the best of my knowledge and believe the statements made herein are correct and accurate.</i>	
Name Ali Mohammadian	
Title Compliance & Operations	
Signature 	Date 7/17/2017

Permit #: 10488145

Date:

7/12/2017

SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH HAZARDOUS MATERIALS DIVISION

Annual Carcinogen and Reproductive Toxin Reporting List

Business Name: Business Address: 11011 N. Torrey Pines Rd. #135, La Jolla, CA 92037

Business Owner or Operator: Lab Fellows Inc.

Please complete the following by entering the chemical name in the chemical name column and then place a check in the quantity column that most closely estimates the amount on hand. If measured by volume, check the appropriate gallon column(s). If measured by weight, check the appropriate pound column(s). If the chemical is a trade secret, you should check the trade secret box. For example, if you have one pint of benzene you would write benzene in the chemical name column and place a check in the <1-gallon column.

(PLEASE NOTE: the symbol < means less than).

Chemical Name	<1 gal.	<1 lb.	<10 gal.	<10 lbs.	<55 gal.	<500 lbs.	Trade Secret
Chloroform 865-49-6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Methylene Chloride 75-09-2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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COUNTY OF SAN DIEGO CUPA
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
 P.O. BOX 129261, SAN DIEGO, CA 92112-9261
 PHONE: (858) 505-6990; FAX: (858) 505-6786; EMAIL: hmdutyeh@sdcounty.ca.gov

CERS ACCESS/I.D. REQUEST FORM

All Certified Unified Program Agency (CUPA) regulated businesses are required by law (Assembly Bill 2286) to submit business information electronically through the California Environmental Reporting System (CERS). This includes information related to your:

- Unified Program Facility Permit
- Hazardous Materials Business Plan
- Hazardous Waste
- Hazardous Waste Onsite Treatment
- Hazardous Waste Tank Closures
- Remote Waste Consolidation
- Recyclable Materials Reports
- Underground Storage Tanks
- Aboveground petroleum storage over 1,320 gallons
- Medical Waste**

A CERS I.D. is required in order to obtain or maintain a valid Unified Program Facility Permit. Please send your completed form to the County of San Diego Hazardous Materials Division (address above). When your CERS account is established, your designated lead users will receive an email with directions to begin electronic reporting.

** In San Diego County, Medical Waste Generators are required to report in CERS in order to receive a valid permit.

<input type="checkbox"/> Change of Owner (C/O): a business is sold to a new owner. <input type="checkbox"/> Relocation: a business moves to a new address and owner remains the same. <input checked="" type="checkbox"/> New Business: a business opens in a vacant or newly constructed building. <input type="checkbox"/> CERS Assistance Requested: none of the above are applicable. I need access to my CERS account.			PERMIT/RECORD NUMBER HWPFP - 001157
			CERS ID NUMBER 10488145
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)* Lab Fellows Inc.			BUSINESS PHONE*
SITE ADDRESS* 11011 N. Torrey Pines Rd, Suite 135			SUITE NUMBER*
CITY* La Jolla	CA	ZIP* 92037	DATE ASSUMED OWNERSHIP*
BUSINESS ORGANIZATION, CORPORATE NAME, LLC, or OWNER FIRST AND LAST NAME* Lab Fellows Inc.			BUSINESS OWNER PHONE*
II. PREVIOUS ADDRESS (IF APPLICABLE)			
PREVIOUS SITE ADDRESS NA			PREVIOUS PERMIT/RECORD NUMBER
PREVIOUS CITY 	CA	ZIP	PREVIOUS CERS ID
III. CERS LEAD USERS			
-PRIMARY-		-SECONDARY-	
NAME* Ali Mohammadian	NAME NA		
TITLE* Compliance & Operations	TITLE		
BUSINESS PHONE* 760.472.3320	BUSINESS PHONE		
E-MAIL:* ali@labfellows.com	E-MAIL:		
*Required			
I authorize the Hazardous Materials Division to create my CERS ID. I understand that I am responsible for completing and maintaining my facility information in CERS as required by law. I certify under penalty of law that I have personally examined and am familiar with the information submitted on this form and believe the information is true, accurate, and complete.			
SIGNATURE OF OWNER OR OPERATOR* <i>M. Ali Mohammadian, C&O</i>			DATE* 5/19/2017
NAME OF SIGNER (print)* M. Ali Mohammadian			TITLE OF SIGNER* Compliance & Operations
OFFICE USE ONLY	<input type="checkbox"/> Plan Check (HHMBP#: _____) Last Inspection date: _____		
	<input type="checkbox"/> Processed C/O (date: _____) <input type="checkbox"/> Added Lead Users (date: _____)		
Received by (date/initials: _____) Completed by (initials: _____)			

County of San Diego CUPA
 Department of Environmental Health – Hazardous Materials Division



County of San Diego

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HAZARDOUS MATERIALS DIVISION
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Medical Waste Management Plan

The San Diego County Department of Environmental Health, Hazardous Materials Division (HMD) is the local agency designated by the California Department of Public Health to implement the Medical Waste Management Act. This law governs the generation, handling, storage, transportation, treatment and disposal of medical waste to protect the public and the environment from potential infectious exposure to disease-causing agents.

The Medical Waste Management Plan (MWMP) is a document that describes the types and amount of medical waste generated at a specific location, and indicates how wastes are managed to ensure proper treatment and disposal. All Large Quantity Generators (LQGs) generating **≥200 pounds** of medical waste per month and Small Quantity Generators (SQGs) generating **<200 pounds** of medical waste per month that also treat their medical waste onsite, are required to submit their MWMP to the local enforcement agency. [Authority cited California Health and Safety Code § 117600 et seq.]

SQGs of medical waste that do not treat their medical waste onsite or do not transport waste under the Pharmaceutical Waste Hauling Exemptions, are not required to submit this form to the local enforcement agency; however are required for maintaining a document stating how they contain, store, treat, and dispose of any medical waste generated on file at their office. Completing a MWMP and keeping it at their office can satisfy this requirement. All uses of the Medical Waste Self-Haul and Pharmaceutical Waste Hauling Exemptions require recording and tracking documentation.

Attached is a blank MWMP form for your use. Please **complete, sign, and upload, as required above**, your MWMP to the “Locally-Required Documentation” of the “Hazardous Materials Inventory” section of your California Environmental Reporting System (CERS) facility. Retain a copy for your records and inspection review. If there are changes in any of the information on your MWMP, submit a revised form in CERS within 30 days of changes. Annual submittal of the MWMP is not required.

Additional information about CERS can be found at the following website:
http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html

If you have any questions, please contact your area inspector or the Hazardous Materials Division Duty Desk at (858) 505-6880.

Attachment

"Environmental and public health through leadership, partnership and science"

MEDICAL WASTE – DEFINITION OF TERMS

MEDICAL WASTE means biohazardous, pathology, pharmaceutical, or trace chemotherapy waste not regulated by the federal Resource Conservation and Recovery Act; sharps and trace chemotherapy wastes generated in a health care setting in the diagnosis, treatment, immunization, or care of humans or animals; waste generated in autopsy or necropsy; waste generated during preparation of a body for final disposition such as cremation or interment; waste generated in research pertaining to the production or testing of microbiologicals; waste generated in research using human or animal pathogens; sharps and laboratory waste that poses a potential risk of infection to humans generated in the inoculation of animals in commercial farming operations; waste generated from the consolidation of home-generated sharps; and waste generated in the cleanup of trauma scenes.

BIOHAZARDOUS WASTE means all of the following (A-D):

(A) (i) Regulated medical waste, clinical waste, or biomedical waste that is a waste or reusable material derived from the medical treatment of a human or from an animal that is suspected by the attending veterinarian of being infected with a pathogen that is also infectious to humans, which includes diagnosis and immunization; or from biomedical research, which includes the production and testing of biological products.

(ii) Regulated medical waste or clinical waste or biomedical waste suspected of containing a highly communicable disease.

(B) Laboratory waste such as human specimen cultures or animal specimen cultures that are infected with pathogens that are also infectious to humans; cultures and stocks of infectious agents from research; wastes from the production of bacteria, viruses, spores, discarded live and attenuated vaccines used in human health care or research, discarded animal vaccines, including Brucellosis and Contagious Ecthyma, as defined by the department; culture dishes, devices used to transfer, inoculate, and mix cultures; and wastes identified by Section 173.134 of Title 49 of the Code of Federal Regulations as Category B “once wasted” for laboratory wastes.

(C) Waste that, at the point of transport from the generator’s site or at the point of disposal contains recognizable fluid human blood, fluid human blood products, containers, or equipment containing human blood that is fluid, or blood from animals suspected by the attending veterinarian of being contaminated with infectious agents known to be contagious to humans.

(D) Waste containing discarded materials contaminated with excretion, exudate, or secretions from humans or animals that are required to be isolated by the infection control staff, the attending physician and surgeon, the attending veterinarian, or the local health officer, to protect others from highly communicable diseases or diseases of animals that are communicable to humans.

SHARPS CONTAINERS means a rigid puncture-resistant container used in patient care or research activities meeting the standards of, and receiving approval from the United States Food and Drug Administration as a medical device used for the collection of discarded medical needles or other sharps.

“BIOHAZARD BAG” means a disposable film bag that is impervious to moisture. The film bags that are used for transport shall be marked and certified by the manufacturer as having passed the tests prescribed for tear resistance in the American Society for Testing Materials (ASTM) D1922, “Standard Test Method for Propagation Tear Resistance of Plastic Film and Thin Sheeting by Pendulum Method” and for impact resistance in ASTM D 1709, “Standard Test Methods for Impact Resistance of Plastic Film by the Free-Falling Dart Method,” as those documents were published in January 1, 2014. The film bag shall meet an impact resistance of 165 grams and a tearing resistance of 480 grams in both parallel and perpendicular planes with respect to the length of the bag. The color of the bag shall be red; except when yellow bags are used to further segregate trace chemotherapy waste and white bags are used to further segregate pathology waste.

STORAGE AREA WARNING SIGN is: A sign posted at a designated accumulation area, visible for 25 feet, used to store medical waste which must read in English, “CAUTION—BIOHAZARDOUS WASTE STORAGE AREA—UNAUTHORIZED PERSONS KEEP OUT” and in Spanish, “CUIDADO-ZONA DE RESIDUOS—BIOLÓGICOS PELIGROSOS—PROHIBIDA LA ENTRADA A PERSONAS NO AUTORIZADAS” or in another language determined to be appropriate. Intermediate storage areas shall be marked with the international biohazardous symbol or the signage noted above. These warning signs shall be readily legible from a distance of five feet.

PHARMACEUTICAL WASTE (a) means a pharmaceutical, as defined in Section 117747, including trace chemotherapy waste, that is a waste, as defined in Section 25124. (b) For purposes of this part, “pharmaceutical waste” does not include any pharmaceutical that meets either of the following criteria:

(1) The pharmaceutical is being sent out of the State of California to a reverse distributor, as defined in Section 4040.5 of the Business and Professions Code, that is licensed as a wholesaler of dangerous drugs by the California State Board of Pharmacy pursuant to Section 4161 of the Business and Professions Code.

(2) The pharmaceutical is being sent by a reverse distributor, as defined in Section 4040.5 of the Business and Professions Code, offsite for treatment and disposal in accordance with applicable laws, or to a reverse distributor that is licensed as a wholesaler of dangerous drugs by the California State Board of Pharmacy pursuant to Section 4160 of the Business and Professions Code and as a permitted transfer station if the reverse distributor is located within the State of California.



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Medical Waste Management Plan

Facility Information	
Business Name Lab Fellows Inc.	Unified Program Facility Permit #
Type of Business Biotech R&D	Date 7/17/2017
Street Address 11011 N. Torrey Pines Rd, #135	City/ZIP La Jolla, 92037
Person Responsible for implementing the Medical Waste Management Plan (MWMP)	
Name Ali Mohammadian	
Title Compliance & Operations	Phone 7604723320
Types of medical wastes (MW) generated	
<input checked="" type="checkbox"/> MW Sharps - e.g., needles, blades, scalpels, or broken glass or syringes contaminated with biohazardous waste. (human or animal) Estimated monthly amount <u>1</u> lbs	<input type="checkbox"/> Blood or blood products - liquid blood or blood products, or other regulated body fluids, or articles contaminated with liquid blood or body fluids. Estimated monthly amount _____ lbs
<input checked="" type="checkbox"/> Laboratory wastes – infectious specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, biologicals, and culture media. Estimated monthly amount <u>15</u> lbs	<input type="checkbox"/> Pathology waste – human or animal tissues suspected to be infectious to humans Estimated monthly amount _____ lbs
<input checked="" type="checkbox"/> Liquid or semi-liquid biohazardous laboratory waste - treated on site by chemical disinfection* and discharged to sewer. Estimated monthly amount <u>5</u> lbs	<input type="checkbox"/> Isolation waste - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases. Estimated monthly amount _____ lbs
<input type="checkbox"/> Trace chemotherapeutic waste Estimated monthly amount _____ lbs	<input type="checkbox"/> Contaminated animals w/Highly communicable animal carcasses, body parts, tissues or fluids suspected to be contaminated by agents which are contagious. Estimated monthly amount _____ lbs
<input type="checkbox"/> California-regulated pharmaceutical waste (non-RCRA, non-radioactive) Estimated monthly amount _____ lbs	<input type="checkbox"/> Other (specify): _____ Estimated monthly amount _____ lbs
Estimate of <u>TOTAL</u> monthly medical waste for generator classification: <u><25</u> lbs	
Estimate of other monthly medical wastes (does not count towards generator class):	
<input type="checkbox"/> Home Generated MW Sharps Estimated Monthly Amount _____ lbs.	<input type="checkbox"/> Home Generated Pharmaceutical Waste Estimated monthly amount _____ lbs.
ONSITE MEDICAL WASTE TREATMENT ONLY: Method & capacity of medical waste treatment <i>if performed onsite:</i>	
<input type="checkbox"/> Steam Autoclaving <input type="checkbox"/> Other state approved alternative technology (specify below): _____	
Treatment records must be maintained for three years for small quantity generators, and maintained two years for large quantity generators. (HSC§117943; HSC§117975)	


*Per HSC §118215(c), for liquid or semi-liquid biohazardous laboratory waste (§117690(b)(1)(B)), the treatment method must be recognized by the NIH, the CDC, or the American Biological Safety Association. If the chemical disinfection of the medical waste causes the waste to become a hazardous waste, the waste shall be managed in accordance with the requirements of HSC Chapter 6.5 (commencing with §25100) of Division 20.

Medical Waste Management Plan

The following requirements apply to LQGs (HSC§117960), and SQGs that treat MW on-site, or use the Pharmaceutical Waste Hauling Exemption. (HSC§118032)

Emergency Action Plan

This plan is to be followed to ensure the proper disposal of medical waste, including controlled substances in compliance with DEA, approved incineration of pharmaceutical and trace chemotherapy in the event of a natural disaster, spill, treatment system break down, power failure, etc., and closure plan at termination (600 characters max. for WORD interactive form - use additional sheets if necessary). (LQG HSC§117960(h); SQG HSC§117935).

Registered hazardous waste hauler/common carrier used to remove untreated medical waste (if applicable)	
Primary Hauler Name Ingenium	Phone # 800-805-6236
Street Address 2280 Micro Pl,	City/ZIP Escondido, CA 92029
Contact Person Nicole Melendrez	Contact Phone # 760-745-8780
Offsite treatment facility to which medical waste is transported (if applicable)	
Facility Name Medical Waste Services	Phone # 888-610-1311
Street Address 7321 Quimby St	City/ZIP Paramount, CA 90723
Contact Person Customer Service	Contact Phone # 888-610-1311
<u>Pharmaceutical Waste Categorization</u> If applicable, the steps taken to categorize the pharmaceutical wastes generated at the facility to ensure that the wastes are properly disposed of as follows: (1) Pharmaceutical wastes classified by the federal Drug Enforcement Administration (DEA) as "controlled substances" are disposed of in compliance with DEA requirements. <u>(2) The name and business address of the registered hazardous waste hauler used by the generator to have wastes that are not regulated pursuant to the federal Resource Conservation and Recovery Act of 1976 and nonradioactive pharmaceutical wastes regulated as medical waste safely removed for treatment in compliance with subdivision (b) of Section 118222 as waste requiring specific methods.</u> (LQG:HSC§117960(i); SQG:HSC§117935(i))	
<u>Closure Plan</u> A closure plan for the termination of treatment at the facility using, at a minimum, one of the methods of decontamination specified in subdivision (a) or (b) of Section 118295, thereby rendering the property to an acceptable sanitary condition following the completion of treatment services at the site. (LQG: HSC§117960(j); SQG: HSC§117935(j))	
<i>I hereby certify to the best of my knowledge and believe the statements made herein are correct and accurate.</i>	
Name Ali Mohammadian	
Title Compliance & Operations	
Signature 	Date 7/17/2017



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 08/28/2019

RECORD ID #: DEH2014-HUPFP-001157

TIME START: 1:45 PM END: 2:35 PM

SPECIALIST: Kathryn Paras

INSPECTION CONTACT: Ali Mohammadian

TITLE: Compliance & Operations

PHONE: (760) 472-3320

E-MAIL: ali@labfellows.com

FACILITY NAME: Lab Fellows Inc.
 ADDRESS: 11011 N TORREY PINES RD 135
 CITY/ZIP: SAN DIEGO /92121

FACILITY REFERENCE DATA

ACCELA

RECORD STATUS: Permit Renewed
 PERMIT EXPIRATION DATE: 08/31/2019
 BALANCE DUE: \$727.00
 INSPECTOR: Kathryn Paras
 INSPECTION TYPE: Routine
 INSPECTION STATUS: Complete

CERS

EPA ID NUMBER: CAL000429206
 FACILITY CERS ID NUMBER: 10488145
 CERS LEAD USER: Ali Mohammadian
 LAST CERS SUBMITTAL DATE: 08/10/2018
 ENVIRONMENTAL CONTACT EMAIL: ali@labfellows.com
 ENVIRONMENTAL CONTACT PHONE: 7604723320

FACILITY INFORMATION

	YES	NO		YES	NO
INACTIVATION INSPECTION:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HAZARDOUS MATERIALS:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CHANGE OF OWNER:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HAZARDOUS WASTE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CHANGE IN BUSINESS TYPE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ABOVEGROUND PETROLEUM STORAGE ACT:*	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS TYPE: <u>Biomedical/Biotech-Not Large Manufacturer</u>			TOTAL SHELL CAPACITY APSA:		<u>0</u>
ISSUE INITIAL INVOICE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	UNDERGROUND STORAGE TANK:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS NON-NOTIFICATION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CALARP PROGRAM (CERS):	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS RE-INSPECTION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CALARP PROGRAM LEVEL:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FACILITY SUBJECT TO BASE FEE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MEDICAL WASTE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
FACILITY SUBJECT TO CUPA FEE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MW FACILITY GENERATING OVER 200 LBS PER MONTH:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UPDATE FACILITY ADDRESS IN AA:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EPIC PARTICIPANT:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS CLOSE DATE:			NUMBER OF TLV GASES AT THE FACILITY:		<u>0</u>

HW GENERATOR STATUS :

TIERED PERMIT LEVEL(S) :

PRIMARY BILLING CODE: SECONDARY BILLING CODE: TERTIARY BILLING CODE:

INSPECTION SCOPE:*

HAZARDOUS MATERIALS: HAZARDOUS WASTE:

MEDICAL WASTE:

CALARP:

TIERED PERMITTING:

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT NAME: Ali Mohammadian TITLE: Compliance & Operations

REMOVE BLANK CHECKLISTS FROM FINAL INSPECTION REPORT REFUSED TO SIGN

TIME ACCOUNTING (Routine) TOTAL TIME ENTERED: 1.7

Date	Time	Group	Type
08/28/2019	0.5	HMD Inspection	Report Writing - Record
08/28/2019	0.6	HMD Inspection	Travel Time - Record
08/28/2019	0.3	HMD Inspection	MW SQG - Record
08/28/2019	0.3	HMD Inspection	HM/HW - Record



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

FACILITY NAME: Lab Fellows Inc.
 ADDRESS: 11011 N TORREY PINES RD 135
 CITY/ZIP: SAN DIEGO /92121

INSPECTION DATE: 08/28/2019
 RECORD ID #: DEH2014-HUPFP-001157
 TIME START: 1:45 PM END: 2:35 PM
 SPECIALIST: Kathryn Paras
 INSPECTION CONTACT: Ali Mohammadian
 TITLE: Compliance & Operations
 PHONE: (760) 472-3320
 E-MAIL: ali@labfellows.com

INSPECTION REPORT EMAILS:

Kathryn.Paras@sdcounty.ca.gov

RECORD COMMENT:

Routine inspection conducted on 08/28/19



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: Lab Fellows Inc.
 ADDRESS: 11011 N TORREY PINES RD 135
 CITY/ZIP: SAN DIEGO /92121

INSPECTION DATE: 08/28/2019 PAGE 1 OF 8
 RECORD ID #: DEH2014-HUPFP-001157
 TIME START: 1:45 PM END: 2:35 PM
 SPECIALIST: Kathryn Paras
 INSPECTION CONTACT: Ali Mohammadian
 TITLE: Compliance & Operations
 PHONE: (760) 472-3320
 E-MAIL: ali@labfellows.com

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit Current	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contingency Plan Available <input type="checkbox"/> LQG <input checked="" type="checkbox"/> SQG
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hazardous Materials Business Plan Available	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Employee Training Records Available
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training is Adequate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Universal Waste Managed Properly
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Disposal Records Available for Review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers <input checked="" type="checkbox"/> Closed <input checked="" type="checkbox"/> Labeled
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Emergency Contacts Current <input type="checkbox"/> Updated today	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers in Good Condition
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Inventory/Map Current <input type="checkbox"/> Updated today			Permit Expires On <u>08/31/2019</u>

CONSENT TO CONDUCT INSPECTION GRANTED BY: Ali Mohammadian

TITLE: Compliance & Operations

INTRODUCTION:

ROUTINE INSPECTION

A routine inspection was conducted on 08/28/19 at Lab Fellow Inc. to verify compliance with hazardous materials (HM), hazardous waste (HW) and medical waste (MW) management. This facility is a research and development company specializing in facilitating start-up scientists. David Rivera, Lab Coordinator, granted consent to conduct this inspection and review documents.

The following people were available during the inspection:

Isabel Wen - LabFellows, Head of Community
 Ali Mohammadian - LabFellows, Compliance & Operations

At the time of inspection based on observations, this facility is required to maintain a Unified Program Facility Permit for the following:

- Hazardous waste generator requirements as a Small Quantity Generator (SQG) of hazardous waste (100-1000 kg/mo; 220-2200 lbs/mo; 27-270 gallons/mo; or ≤1 kg [2.2 lbs]/mo of acutely hazardous waste). 40 CFR §260.10 & 22 CCR §66260.10
- Medical waste generator requirements as a Small Quantity Generator (SQG) of medical waste (<200 lbs/mo.) HSC § 117625

The following hazardous materials in reportable quantities and wastes were observed during the inspection walk-through of the laboratory areas:

- Hazardous Flammable Liquid Waste (Mixed Solvents)
- Biohazardous Solid Waste (Red Bags)

For Reference:

Last inspection performed by Anastasiya Irkhin, Environmental Health Specialist, on 07/18/17
 Facility CERS ID Number: 10488145 (last submittal date before this inspection: 08/10/18)
 Facility EPA ID Number: CAL000429206 (active during the time of inspection)



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 08/28/2019 PAGE 2 OF 8
RECORD ID #: DEH2014-HUPFP-001157

INSPECTION REMARKS:

Minor Violations Corrected On-site:

1. Biohazardous bags not containerized in rigid, leak resistant, and covered containers or bins when placed for storage, handling, or transport. HSC 118280(c)

- Observed 1 x biohazardous red bag with contents inside tied off placed on the floor without a containerized rigid, leak resistant, and covered container or bin. Biohazardous bag was immediately placed into biohazardous waste storage freezer

Further Remarks:

- The following documents were available for review
 - Hazardous Waste Manifests (3 years)
 - Medical Waste Receipts (3 years)
 - Hazardous Waste Contingency Plan
- This facility facilitates a shared lab space that has approximately 3-4 start up companies renting out laboratory space
- The following inventory items are listed on the facility's hazardous materials inventory in the California Environmental Reporting System (CERS) but was not observed on-site during today's inspection. Per Mr. Mohammadian, these waste streams will remain on the inventory list at this time in the case they are generated:
 - Liquid Biohazardous Waste
 - Hazardous Solid Waste (Lab Debris)
- The following items hazardous materials were observed on-site under reportable thresholds:
 - Compressed Carbon Dioxide Gas: 1 x 50 lb cylinder
 - Compressed Nitrogen Gas: 1 x 304 cf cylinder
- BE ADVISED: If facility decides to manage hazardous waste via satellite hazardous waste requirements then please review and ensure all satellite hazardous waste requirements are met per 22 CCR 66262.34(e)

DIRECT QUESTIONS AND/OR CORRESPONDENCE TO:

Kathryn Paras

Environmental Health Specialist

San Diego County | Department of Environmental Health | Hazardous Materials Division

P.O. Box 129261 | 5500 Overland Ave.

San Diego, CA 92112-9261

E-mail: Kathryn.Paras@sdcounty.ca.gov

Cell #: (619) 726-9527

Hours: T-F; 07:30AM – 06:00PM

Helpful Websites:

- For guidance documents on hazardous materials-related topics,
go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS),
go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations,
go to: <http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails:
<https://public.govdelivery.com/accounts/CASAND/subscriber/new>

If you have any questions regarding this inspection, please contact Kathryn Paras ,619-726-9527,
Kathryn.Paras@sdcounty.ca.gov

INSPECTION PHOTOS

None



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 08/28/2019 PAGE 3 OF 8
RECORD ID #: DEH2014-HUPFP-001157

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE Ali Mohammadian	SIGNATURE 	DATE SIGNED 08/28/2019
TITLE OF FACILITY REPRESENTATIVE Compliance & Operations		

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (858) 505-6880 <http://www.sdcdeh.org>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT Handlers of Hazardous Materials and Small and Large Quantity Generators of Hazardous Waste

INSPECTION DATE: 08/28/2019 PAGE 4 OF 8
RECORD ID #: DEH2014-HUPFP-001157

FACILITY NAME: * Lab Fellows Inc.

ADDRESS: * 11011 N TORREY PINES RD 135

CITY/ZIP: * SAN DIEGO

92121

Each violation checked below is for the section(s) of the California Health and Safety Code (HSC), California Code of Regulations (CCR), or the San Diego County Code (SDCC) indicated in italics. Incorporated provisions of Title 40 of the Code of Federal regulations (CFR) are noted for reference. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. HMBP = Hazardous Materials Business Plan; CUPA = Certified Unified Program Agency; CERS = California Environmental Reporting System; SQG = Small Quantity Hazardous Waste Generator; LQG = Large Quantity Hazardous Waste Generator

HAZARDOUS MATERIALS REQUIREMENTS

#	VIOLATION DESCRIPTION
<input type="checkbox"/> 1010001	Failed to establish and implement a HMBP. HSC 25505(a) and 25507(a)
<input type="checkbox"/> 1010002	HMBP not submitted to the CUPA in CERS. HSC 25508(a)(1)(A); 27 CCR 15188(a),(b),(d)
<input type="checkbox"/> 1010003	Business Activities &/or Business Owner/Operator page not completed in CERS. 19 CCR 2652(a)(1); SDCC 68.904(b); HSC 25508(a)(1)(A)
<input type="checkbox"/> 1010004	Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508.1(a-b); 19 CCR 2654 (a) or (d)
<input type="checkbox"/> 1010005	Site map not submitted in CERS or not sufficient. HSC 25505(a)(2); 25508.1(f); 19 CCR 2652(a)(3)
<input type="checkbox"/> 1010006	Failed to update HMBP in CERS within 30 days of a substantial change to any portion of the HMBP, including inventory changes or facility information. HSC 25508.1(a-f); 19 CCR 2654(d); SDCC 68.904(c)(6)
<input type="checkbox"/> 1010008	HMBP not certified annually as complete and accurate in CERS. HSC 25508(a)(1)(A), 25508.2, 19 CCR 2654(b)
<input type="checkbox"/> 1010010	Emergency response plan and procedures to mitigate a release or threatened release not adequate, not established or not submitted in CERS. HSC 25505(a)(3), 25508(a)(1)(A); 19 CCR 2658
<input type="checkbox"/> 1010011	Failure to notify property owner in writing that the business is subject to the HMBP program. HSC 25505.1
<input type="checkbox"/> 1010012	Failure to provide a copy of HMBP to the property owner within five working days upon request from property owner. HSC 25505.1
<input type="checkbox"/> 1010014	Failure to submit emergency response plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A); 19 CCR 2670, 2671
<input type="checkbox"/> 1010015	Failure to submit employee training plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A)
<input type="checkbox"/> 1010016	HMBP not established or submitted in CERS, when not meeting the remote site exemption. HSC 25507.2 and 25508(a)(1)(A)
<input type="checkbox"/> 1020001	Employee training and/or plan for safety procedures in the event of a release or threatened release of a hazardous material not adequate, not established or not submitted in CERS. HSC 25505(a)(4), 25508(a)(1)(A); 19 CCR 2658, 2659(a)
<input type="checkbox"/> 1030001	(AWM) Failure of agricultural handler to post warning signs on buildings where pesticides, petroleum, or fertilizers are stored, that are visible from any direction of probable approach, contain all required information, and are in appropriate language. HSC 6.95 25507.1(a)(2); 19 CCR 2670, 2671
<input type="checkbox"/> 1020002	Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)
<input type="checkbox"/> 1040001	Hazardous materials release or threatened release not immediately reported to the CUPA and OES upon discovery. HSC 25510(a); 19 CCR 2631(a)
<input type="checkbox"/> HMD1001	Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905; 68.906, 68.907
<input type="checkbox"/> HMD1005	Emergency contact not provided or current in CERS. HSC 25508.1(f); SDCC 68.904(b)
<input type="checkbox"/> HMD1007	Highly toxic gas (TLV<10 ppm) not disclosed in CERS. SDCC 68.1113(a)
<input type="checkbox"/> HMD1008	Annual carcinogen/reproductive toxin list not submitted in CERS. SDCC 68.1113(b)
<input type="checkbox"/> 1010017	HMBP not readily available to facility personnel or the CUPA. HSC 25505(c)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS ONLY

#	VIOLATION DESCRIPTION
<input type="checkbox"/> HMD0226	Did not accumulate waste in a container or tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2)
<input type="checkbox"/> 3030007	Failed to properly label/date hazardous waste container &/or tank. 22 CCR 66262.34(f)
<input type="checkbox"/> 3030010	Accumulated waste too long (>180 or 270 days) or (>90 days). HSC 25201(a), 25123.3(h)(1); 22 CCR 66262.34(d); 40 CFR 262.34(e) and/or (f)
<input type="checkbox"/> 3030013	Failed to accumulate hazardous waste in a container that is in good condition. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.171
<input type="checkbox"/> 3030015	Failed to accumulate or store hazardous waste in a lined &/or compatible container. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.172
<input type="checkbox"/> 3030017	Failed to properly close hazardous waste container(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.173
<input type="checkbox"/> 3030019	Failed to inspect hazardous waste storage area at least weekly. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.174
<input type="checkbox"/> 3030022	Failed to properly separate incompatible waste. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.177
<input type="checkbox"/> 3030030	Failed to maintain &/or operate facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.31
<input type="checkbox"/> 3030036	Failed to maintain adequate aisle space. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.35
<input type="checkbox"/> 3010022	Failed to post, next to the telephone, emergency information containing the location of emergency equipment, contact names and phone numbers. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(ii)
<input type="checkbox"/> 3020001	Failure to ensure employees are thoroughly familiar with proper waste handling and emergency procedures during normal facility operations and emergencies. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iii)
<input type="checkbox"/> 3030032	Failed to maintain the following emergency response equipment or equivalent: 1) An internal communication or alarm system; 2) A communication device, such as a telephone; 3) Portable fire extinguishers, fire/spill control equipment and decontamination equipment; and 4) Water at adequate volume and pressure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.32
<input type="checkbox"/> 3030039	Failed to have an emergency coordinator on the premises or on call, and available during an emergency. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(i)
<input type="checkbox"/> HMD0412	Failed to implement and/or coordinate emergency response measures during an emergency, spill/release. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iv)

HAZARDOUS WASTE TANK SYSTEMS FOR SQGS ONLY

#	VIOLATION DESCRIPTION
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HM-923 (10-18)



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Hazardous Materials and Hazardous Waste (continued)

- 3030024 Failed to operate uncovered tank to ensure at least 2 ft. of freeboard to prevent overtopping, unless the tank is equipped with a containment structure, a drainage control system, or a diversion structure with a capacity that equals or exceeds the volume of the top 2 ft. of the tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(c)
- 3030025 Failed to provide an overflow protection device on continuously fed hazardous waste tank(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(4)
- 3030027 Failed to conduct daily tank inspection of discharge control system, monitoring equipment and waste level. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(1-3), 262.34(d)(3)
- 3030028 Failed to conduct weekly hazardous waste tank inspection(s) to detect signs of leakage and ensure that the construction materials, fixtures and surrounding areas of the tank are in good condition. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(4 & 5), 262.34(d)(3)
- 3050007 Failed to properly remove all waste upon closure, decontaminate, and document the closure of a hazardous waste tank system. 22 CCR 67383.3; 40 CFR 262.34(d)(3), 265.201(f)
- HMD1612 Hazardous waste improperly stored in a tank system causing leaks, corrosion, or failure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)
- HMD1614 Failed to pre-notify the CUPA in writing prior to closing a hazardous waste tank system. 22 CCR 67383.3(a)(1)
- HMD1615 Failed to properly accumulate ignitable or reactive waste in a tank system. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(g)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS AND LOGS

RECORD KEEPING/OPERATIONAL REQUIREMENTS

- # VIOLATION DESCRIPTION
- HMD0131 Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. SDCC 68.905
 - HMD0150 Failed to submit complete and accurate Facility Information in CERS. 27 CCR 15188(b-c); SDCC 68.904(b)
 - 3030053 Failed to maintain waste analysis records, analytical records &/or waste determination results for at least 3 years. 22 CCR 66262.40(c)
 - 3010002 Failed to obtain &/or maintain an active EPA ID Number. 22 CCR 66262.12(a)
 - 3010008 Failed to properly complete a uniform hazardous waste manifest. 22 CCR 66262.23(a)
 - 3010009 Failed to submit an Exception Report to DTSC for hazardous waste manifest. HSC 25123.3(h)(2); 22 CCR 66262.42(b), (c), &/or (d)
 - 3010010 Failed to maintain copies of Uniform Hazardous Waste Manifest, consolidated manifest, or Bills of Lading for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a), 66262.23(a)(3)
 - 3010011 Failed to send copy of the uniform hazardous waste manifest to DTSC within 30 days of shipment. 22 CCR 66262.23(a)(4)
 - 3010013 Failed to meet the consolidated manifesting requirements for waste shipment. HSC 25160.2(b)(3) &/or (c)
 - 3010014 Failed to retain at the generator's place of business disposal records of spent lead-acid batteries for at least 3 years. 22 CCR 66266.81(a)(4)(A) &/or (B)
 - 3030006 Failed to determine if a hazardous waste is restricted or prohibited from land disposal and has to be treated. 22 CCR 66268.7(a)(1)
 - 3010016 Failure of recycler who recycles more than 100 kilograms per month of a recyclable material to submit the biennial Recyclable Materials Report (RMR) in CERS when claiming exclusion or exemption. HSC 25143.10(a), (c) &/or (d)
 - HMD0149 Failed to keep disposal receipts for drained used oil filters and/or drained fuel filters for 3 years. HSC 25250.22; 22 CCR 66266.130(c)(5)
 - HMD0152 Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2)
 - HMD0140 Failed to have Land Disposal Restriction documentation onsite for 3 years. 22 CCR 66268.7(a)(8)
 - 3250005 Failed to obtain a Treatment, Storage and Disposal Facility (TSDF) permit or authorization to store/treat/dispose of hazardous waste. HSC 25201(a)
 - 3050005 Failed to have adequate records demonstrating claim of exemption or exclusion for recyclable materials. HSC 25143.2(f)
 - HMD0142 Failed to notify the CUPA in CERS for onsite hazardous waste treatment/tiered permitting. HSC 25201(a)
 - HMD0138 Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a); HSC 25185(a)(4)
 - 3010035 Failure to annually submit notification of generator's intent to remotely consolidate hazardous waste. HSC 25110.10(d)

DISPOSAL AND TRANSPORTATION

- # VIOLATION DESCRIPTION
- 3010007 Failed to prepare a hazardous waste manifest for the transport of a waste for off-site transfer, treatment, storage, or disposal. HSC 25160(b)(1) or (2), 25160.2(b)(9); 22 CCR 66262.20(a)
 - 3030005 Failed to make a proper waste determination. 22 CCR 66262.11, 66262.40(c)
 - 3050001 Failed to use a DTSC registered hazardous waste transporter to transport hazardous waste. HSC 25163(a)
 - 3050002 Failed to properly dispose of hazardous waste at an authorized facility. HSC 25189.5(a)
 - HMD0308 Impermissible dilution of hazardous waste. 22 CCR 66268.3(a)
 - HMD0305 Disposed of used oil illegally. HSC 25250.5(a), 25189.5(a)
 - HMD0306 Failed to properly dispose of oil-based paint &/or hazardous waste latex paint liquid. HSC 25217.1, 25189.5(a)

STORAGE AND HANDLING

- # VIOLATION DESCRIPTION
- 3030001 Failed to meet the management requirements when handling or storing spent lead-acid batteries. 22 CCR 66266.81(a)
 - 3030003 Failed to properly manage 'damaged' spent lead acid batteries so as to minimize the release of acid and lead and to protect the handlers and the environment 22 CCR 66266.81(b)
 - 3030004 Failed to properly manage, store, label &/or recycle used oil filters &/or used fuel filters. HSC 25250.22; 22 CCR 66266.130
 - 3050004 Generator intentionally contaminated used oil with another hazardous waste other than minimal amounts of fuel. HSC 25250.7(a), (c)
 - HMD0222 Failed to properly label Excluded Recyclable Materials (ERM) accumulated in a container or tank. HSC 25143.9(a)
 - HMD0216 Failed to label hazardous material container within 10 days after the container was discovered to be mislabeled or inadequately labeled. HSC 25124(b)(3)(A); 22 CCR 66262.34(f)
 - HMD0217 Failed to repackage and properly label damaged/deteriorated hazardous material container within 96 hours. HSC 25124(b)(3)(B); 22 CCR 66262.34(f)
 - HMD0219 Failed to properly segregate used oil &/or fuel drained from filters. HSC 25250.22(b)(4); 22 CCR 66266.130(c)(6)
 - 3030057 Failed to comply with hazardous waste satellite container regulation. 22 CCR 66262.34(e)
 - HMD0023 Failed to properly empty container, failed to manage non-empty container, or inner liner removed from a container. 22 CCR 66261.7(b), (d), (e) &/or (r)



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 08/28/2019 PAGE 6 OF 8
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Hazardous Materials and Hazardous Waste (continued)

- 3030058 Failed to mark date on empty container larger than 5 gallons &/or manage it within one year. 22 CCR 66261.7(f)
- 3030060 Failure of the owner or operator managing laboratory hazardous waste in a laboratory accumulation area to comply with the accumulation, storage, management, training, and/or record-keeping requirements. HSC 25200.3.1(b) and/or (c)

UNIVERSAL WASTE HANDLER REQUIREMENTS

#	VIOLATION DESCRIPTION
<input type="checkbox"/> 3010004	Failed to obtain a California ID Number from DTSC or federal ID Number from USEPA prior to accumulating 5,000 kgs or more of Universal Waste. 22 CCR 66273.32(a-b)
<input type="checkbox"/> HMD0151	Failed to maintain universal waste handler training records for 3 years. 22 CCR 66273.36(c),(d)
<input type="checkbox"/> 3020003	Failed to properly train handlers of universal waste in universal waste management and response procedures. 22 CCR 66273.36(a),(b)
<input type="checkbox"/> 3030008	Failed to properly label or mark Universal Waste container, package, or pallet (excluding CESQUWG) 22 CCR 66273.34
<input type="checkbox"/> 3030011	Failed to properly dispose of Universal Waste within one year. 22 CCR 66273.35(a) &/or (b)
<input type="checkbox"/> HMD0147	Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2)
<input type="checkbox"/> 3030051	Failed to meet accumulation, labeling, marking, &/or containment standards for Universal Waste aerosol containers. HSC 25201.16(f)
<input type="checkbox"/> 3040004	Failed to manage universal waste in a manner to prevent release(s) to the environment. 22 CCR 66273.33; 66273.33.5
<input type="checkbox"/> HMD0307	Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a); 22 CCR 66273.31(a), 66273.8(b)
<input type="checkbox"/> 3010005	Failure of a universal handler of electronic devices or CRTs from an offsite source to notify DTSC 30 days prior to acceptance. 22 CCR 66273.32(c)
<input type="checkbox"/> 3010020	Failure of a universal waste handler to submit an annual report that includes all required information to DTSC by February 1 of every year . 22 CCR 66273.32(d)
<input type="checkbox"/> 3010006	Failure of the universal waste handler who sends electronic devices or CRTs to any foreign destination to notify DTSC 60 days prior to export and send a copy to the CUPA. 22 CCR 66273.40(a)(3)

CERTIFIED APPLIANCE RECYCLER REQUIREMENTS

#	VIOLATION DESCRIPTION
<input type="checkbox"/> 3010033	Failure to obtain Certified Appliance Recycler certification (CAR) from DTSC. HSC 25211.4
<input type="checkbox"/> 3010034	Failure of certified appliance recycler (CAR) to provide documentation that all materials that require special handling (MRSH) have been properly removed and managed. HSC 25211.2, 25211.3
<input type="checkbox"/> 3030055	Failure of certified appliance recycler (CAR) to properly remove and dispose of all materials that require special handling (MRSH). HSC 25211.3, 25212 (a), (b), and/or (c)

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COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 08/28/2019 PAGE 7 OF 8
 RECORD ID #: DEH2014-HUPFP-001157

Medical Waste Generators

Each violation checked below is for the section(s) of the California health and Safety Code (HSC), California Code of Regulation (CCR), or the San Diego County Code (SDCC) indicated in italics. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. UPF = Unified Program Facility; MW = Medical Waste; USPS = United States Postal Service; DOT = Department of Transportation

MEDICAL WASTE GENERATORS

STORAGE AND LABELING

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> HMD4201	UPF Permit not obtained. HSC 117705; SDCC 68.905, 68.906, 68.1202
<input type="checkbox"/> HMD4216	Failed to submit or report in CERS chemical inventory information for hazardous waste and/or medical waste, and keep up to date. SDCC 68.904(a)(2)
<input type="checkbox"/> HMD4202	Medical waste (MW) not separated from other waste at the point of origin. HSC 118275
<input type="checkbox"/> HMD4203	Enclosure or designated accumulation area for MW containers not secured. HSC 118307, 118310
<input type="checkbox"/> HMD4204	MW designated accumulation area not posted with an approved, legible biohazardous waste "warning sign" in English & Spanish or in another language, in addition to English which can be read from a distance of at least 25 feet. HSC 118310
<input type="checkbox"/> HMD4205	Medical SOLID WASTE not secured to deny access to unauthorized persons. SDCC 68.1211
<input type="checkbox"/> HMD4206	Leak or spill of MW not properly decontaminated. HSC 118300
<input type="checkbox"/> HMD4207	Sharps not stored in approved container or labeled with the words "sharps waste" or with the international biohazard symbol and the word "BIOHAZARD". HSC 118285(a) & (d)
<input type="checkbox"/> HMD4208	Full sharps container not taped closed or tightly-lidded to preclude loss of contents. HSC 118285(b)
<input type="checkbox"/> HMD4209	Primary containers accumulating MW not labeled with an electronic tracking system label or a label with generator's name, address and phone number. SDCC 68.1205
<input type="checkbox"/> HMD4210	Medical waste not stored in approved and properly marked biohazard bags. HSC 118275(a)
<input type="checkbox"/> HMD4211	Biohazard bags not tied off to prevent leakage or expulsion of contents during storage and handling. HSC 118280(a)
<input type="checkbox"/> HMD4212	Biohazardous bags not containerized in rigid, leak resistant, and covered containers or bins when placed for storage, handling, or transport. HSC 118280(c)
<input type="checkbox"/> HMD4213	Waste container or bin not labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD" on the lid and sides. HSC 118280(c)
<input type="checkbox"/> HMD4214	Reusable containers or bins for MW storage not thoroughly washed and decontaminated and maintained in a clean and sanitary manner. HSC 118295, 118305
<input type="checkbox"/> HMD4215	Frozen (0°C/32°F) biohazardous waste stored for more than 90 days. HSC 118280(e)(2)
<input type="checkbox"/> HMD4306	Full sharps container stored more than 30 days at >0°C. HSC 118285(c)
<input type="checkbox"/> HMD4307	Biohazard bag waste stored more than 7 days at >0°C (for generators of 20 or more pounds a month). HSC 118280(e)(1)(A)
<input type="checkbox"/> HMD4308	Biohazard bag waste stored >30 days at >0°C (for generators of <20lbs/month). HSC 118280(e)(1)(B)
<input type="checkbox"/> HMD4219	MW interim storage area not marked with warning signs or international biohazard symbol legible from a distance of 5 feet. HSC 118307, 118310
<input type="checkbox"/> HMD4220	MW interim storage area not properly secured. HSC 118307

TREATMENT AND DISPOSAL

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> HMD4251	MW treated by unapproved method/procedure. HSC 118215
<input type="checkbox"/> HMD4252	Standard written operating procedures for steam sterilization not established. HSC 118215(a)(2)(A)
<input type="checkbox"/> HMD4253	Recording thermometer not calibrated annually. HSC 118215(a)(2)(B)
<input type="checkbox"/> HMD4254	No records of annual thermometer calibration checks onsite for at least the past 2 years. HSC 118215(a)(2)(B)
<input type="checkbox"/> HMD4255	Heat-sensitive tape or other approved method not used for each load treated onsite. HSC 118215(a)(2)(C)
<input type="checkbox"/> HMD4256	Monthly biological indicator or other approved indicator not used to confirm proper sterilization. HSC 118215(a)(2)(D)
<input type="checkbox"/> HMD4257	Onsite steam sterilization did not reach 121° C (250° F) for at least 30 minutes. HSC 118215(a)(2)(B)
<input type="checkbox"/> HMD4258	Treatment records or logs of dates, time, and temperature not maintained for at least 2 years. HSC 118215(a)(2)(E)
<input type="checkbox"/> HMD4259	Disposal of untreated MW to an unauthorized point. HSC 118340

TRANSPORTATION REQUIREMENTS

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> HMD4260	Transportation of MW without State Hauler Registration, USPS or requirements of the DOT "Materials of Trade Exceptions." HSC 118025
<input type="checkbox"/> HMD4311	Medical waste tracking documents or logs not in vehicle transporting medical waste. HSC 118040(a)
<input type="checkbox"/> HMD4313	Medical waste tracking documents or logs not complete. HSC 118040(b)

SMALL QUANTITY GENERATORS ONLY

(<200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> HMD4301	Medical Waste Management Plan (MWMP) not submitted to HMD (initial/updates), if onsite treatment. HSC 117935
<input type="checkbox"/> HMD4302	Did not maintain and show proof of "onsite" medical waste treatment records for 3 years. HSC 117943
<input type="checkbox"/> HMD4303	Did not maintain on file disposal receipts, tracking or shipping documents for medical waste shipped offsite for at least 3 years. HSC 117945
<input type="checkbox"/> HMD4309	MWMP or equivalent information not onsite (only for SQG doing onsite treatment or comply with pharmaceutical waste hauling exemption). HSC 117935, 118032
<input type="checkbox"/> HMD4310	Did not meet the requirements of the pharmaceutical waste hauling exemption. HSC 118032

LARGE QUANTITY GENERATORS ONLY



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Medical Waste Generators (continued)

(>= 200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> HMD4351 | MWMP not submitted to HMD (initial/updates) or incomplete. HSC 117960, 117970 |
| <input type="checkbox"/> HMD4352 | Records of medical waste treatment not available for 2 years. HSC 117975, 118215(a)(2)(E) |
| <input type="checkbox"/> HMD4353 | Did not make available disposal receipts, tracking or shipping documents for at least 2 years for medical waste shipped offsite. HSC 117975 |

LOG MW ONSITE TREATMENT FACILITY

(>= 200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> HMD4501 | Onsite MW treatment permit not obtained or renewed. HSC 117950, 118130; CCR 65620, 65623 |
| <input type="checkbox"/> HMD4502 | Current copy of the MW treatment permit not available. HSC 118165, 118180; CCR 65621(f), 65623 |
| <input type="checkbox"/> HMD4503 | Condition(s) of the MW treatment permit violated. CCR 65623 |
| <input type="checkbox"/> HMD4504 | Operators who treat medical waste not trained in proper equipment use, proper protective equipment to wear and if necessary, proper cleanup of spills. HSC 117967(a) |
| <input type="checkbox"/> HMD4505 | Initial and/or annual training for operators that treat medical waste not provided. HSC 117967(b) |
| <input type="checkbox"/> HMD4506 | Initial and/or annual training documentation for operators that treat medical waste not available for two years. HSC 117967(c) |

CHEMOTHERAPY, PATHOLOGY, PHARMACEUTICAL HAZARDOUS & UNIVERSAL WASTES

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> HMD4401 | Trace chemotherapy waste not segregated from other MW. HSC 118275(a)(4) |
| <input type="checkbox"/> HMD4402 | Trace chemotherapy waste container not labeled "Chemotherapy Waste" or "CHEMO" on the lid and the sides. HSC 118275(a)(4) |
| <input type="checkbox"/> HMD4403 | Illegal disposal of chemotherapy waste. HSC 118340 |
| <input type="checkbox"/> HMD4411 | Pathology waste not segregated from other MW. HSC 118275(a)(5) |
| <input type="checkbox"/> HMD4412 | Pathology waste container not labeled "Pathology Waste" or "PATH" on the lid and the sides. HSC 118275(a)(5) |
| <input type="checkbox"/> HMD4413 | Illegal disposal of pathology waste. HSC 118340 |
| <input type="checkbox"/> HMD4421 | Pharmaceutical waste not segregated from other MW. HSC 118275(a)(6) |
| <input type="checkbox"/> HMD4422 | Pharmaceutical waste not labeled "HIGH HEAT" or "INCINERATION ONLY" on the lid and the sides. HSC 118275(a)(6) |
| <input type="checkbox"/> HMD4423 | Pharmaceutical waste stored more than 90 days when container is full, or stored longer than one year (maximum allowable time). HSC 118280(f) |
| <input type="checkbox"/> HMD4432 | Illegal disposal of pharmaceutical waste. HSC 118340, 118222(b) |
| <input type="checkbox"/> HMD4441 | Disposal of photo/hazwaste to an unauthorized point. HSC 25189.5 |
| <input type="checkbox"/> HMD0147 | Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2) |
| <input type="checkbox"/> HMD0307 | Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a), 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a), 66273.8(b) |

HM-9255 MW (06-17)



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6880 FAX (858) 505-6848
<http://www.sdcdeh.org>



Medical Waste Management Plan

Facility Information	
Business Name	Permit or Registration #
Type of Business	Date
Street Address	City/ZIP
Person Responsible for implementing the Medical Waste Management Plan (MWMP)	
Name	
Title	Phone
Types of Medical Wastes (MW) Generated	
Please check the box for all types of medical waste that will be generated by your facility. Also estimate the number of pounds (lbs.) that will be generated each month. Definitions are in Chapter 2 of the Medical Waste Management Act in the California Health and Safety Code (HSC) §117625-117780.	
<input type="checkbox"/> Sharps waste - a device used in a healthcare setting that has acute rigid corners, edges, or protuberances capable of cutting or piercing. (e.g., needles, syringes, blades, scalpels, root canal files, Pasteur pipettes, or broken glass) <p style="text-align: right;">Estimated monthly amount _____ lbs</p>	<input type="checkbox"/> Biohazardous waste – regulated medical waste, clinical waste, or biomedical waste from the medical treatment of a human or from an animal that is suspected to be infected with a pathogen that is infectious to humans. Biohazardous waste also includes: Highly Communicable waste - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases. Laboratory waste – infectious specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, biologicals, and culture media. Fluid Blood or Blood Products – recognizable fluid human blood or blood products, containers, equipment containing human blood or blood from animals <p style="text-align: right;">Estimated monthly amount _____ lbs</p>
<input type="checkbox"/> Non RCRA Pharmaceutical waste - a prescription or over-the-counter human or veterinary drug that is not RCRA hazardous waste nor radiological waste. <p style="text-align: right;">Estimated monthly amount _____ lbs</p>	<input type="checkbox"/> Liquid/Semi-liquid biohazardous waste - treated onsite by chemical disinfection and discharged to sewer.* <p style="text-align: right;">Estimated monthly amount _____ lbs</p>
<input type="checkbox"/> Trace Chemotherapeutic waste - waste that is contaminated through contact or contained, chemotherapeutic agents. (e.g. gloves, disposable gowns, towels, and empty IV bags with attached tubing) <p style="text-align: right;">Estimated monthly amount _____ lbs</p>	<input type="checkbox"/> Other (specify): <p style="text-align: right;">Estimated monthly amount _____ lbs</p>
<input type="checkbox"/> Pathology waste – human body parts or animal tissues suspected to be infectious to humans or have been fixed in formaldehyde or other fixative <p style="text-align: right;">Estimated monthly amount _____ lbs</p>	
<input type="checkbox"/> Trauma Scene waste – waste that has been removed, is to be removed, or is in the process of being removed, from a trauma scene by a trauma scene waste management practitioner. <p style="text-align: right;">Estimated monthly amount _____ lbs</p>	
Estimate of <u>TOTAL</u> monthly medical waste generated: _____ lbs	

*Per HSC §118215(c), for liquid or semi-liquid biohazardous laboratory waste (§117690(b)(1)(B)), the treatment method must be recognized by the NIH, the CDC, or the American Biological Safety Association. If the chemical disinfection of the medical waste causes the waste to become a hazardous waste, the waste shall be managed in accordance with the requirements of HSC Chapter 6.5 (commencing with §25100) of Division 20.

Registered Medical Waste Hauler or Common Carrier

In accordance with HSC, a generator of medical waste shall maintain on file in its office all the following:

- (1) An information document stating how the generator contains, stores, treats, and disposes of any medical waste generated through any act or process of the generator. This document satisfies this requirement.
- (2) Tracking documents or electronically archived tracking documents maintained by the facility and medical waste hauler of all untreated medical waste shipped offsite for treatment. **LQGs must maintain these records for no less than two years** HSC § 117975; **SQGs must maintain these records for no less than three years** HSC § 117943.

Documentation shall be made available to the enforcement agency onsite.

Primary Medical Waste Transporter	CA Registration #
Street Address	City/ZIP
Contact Person	Phone #

How frequently will the waste be disposed? (e.g. weekly, monthly, quarterly):

Will employees be transporting waste to a central facility for disposal? * **Yes** **No**

Will the facility be treating any medical waste prior to disposal to municipal trash? * **Yes** **No**

If Yes, what method of treatment will be used?

Is there a plan to properly characterize and dispose of pharmaceutical waste in accordance with DEA, RCRA, Radiological Control Law if applicable? * **Yes** **No**

*Additional regulations may apply, contact [HMD Duty Desk](#) for more information.

Decontamination Procedure

In accordance with HSC§118295 and 118300, the following decontamination procedure is to be followed in the event of a biohazardous spill or contamination, to include but not limited to the reuse of rigid containers for medical waste. Approved methods of decontamination include, but are not limited to, agitation to remove visible soil combined with one of the following procedures:

Check the appropriate box indicating which method of disinfection you will use:

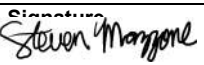
- Exposure to hot water 180°F for ≥ 15 seconds**
- Rinse/Immersion in hypochlorite solution for ≥ 3 minutes**
(500 ppm available chlorine)
- Rinse/Immersion in phenolic solution for ≥ 3 minutes**
(500 ppm active agent)
- Rinse/Immersion in Iodoform solution for ≥ 3 minutes**
(100 ppm available iodine)
- Rinse/Immersion in Quaternary ammonium solution for ≥ 3 minutes**
(400 ppm available active agent)

Acknowledgement

I have read and understood, as a medical waste generator, I am required to comply with the applicable requirements in the Medical Waste Management Act found in the California Health and Safety Code, Sections 117600-118360. **Yes**

Self-Certification Statement

I declare under penalty of law that to the best of my knowledge and belief, the statements made herein are correct and true. I hereby consent to all necessary inspections made pursuant to the California Medical Waste Management Act and incidental to the issuance of my permit or registration and the operation of this business.

Name	Title
<i>Signature</i> 	Date



County of San Diego

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Medical Waste Management Plan

Facility Information	
Business Name	Permit or Registration #
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<input type="checkbox"/> Sharps waste - a device used in a healthcare setting that has acute rigid corners, edges, or protuberances capable of cutting or piercing. (e.g., needles, syringes, blades, scalpels, root canal files, Pasteur pipettes, or broken glass) <p style="text-align: right;">Estimated monthly amount _____ lbs</p>	<input type="checkbox"/> Biohazardous waste – regulated medical waste, clinical waste, or biomedical waste from the medical treatment of a human or from an animal that is suspected to be infected with a pathogen that is infectious to humans. Biohazardous waste also includes: Highly Communicable waste - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases. Laboratory waste – infectious specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, biologicals, and culture media. Fluid Blood or Blood Products – recognizable fluid human blood or blood products, containers, equipment containing human blood or blood from animals <p style="text-align: right;">Estimated monthly amount _____ lbs</p>
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Estimate of <u>TOTAL</u> monthly medical waste generated: _____ lbs	

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Registered Medical Waste Hauler or Common Carrier

In accordance with HSC, a generator of medical waste shall maintain on file in its office all the following:

- (1) An information document stating how the generator contains, stores, treats, and disposes of any medical waste generated through any act or process of the generator. This document satisfies this requirement.
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Contact Person	Phone #

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Will the facility be treating any medical waste prior to disposal to municipal trash? * **Yes** **No**

If Yes, what method of treatment will be used?

Is there a plan to properly characterize and dispose of pharmaceutical waste in accordance with DEA, RCRA, Radiological Control Law if applicable? * **Yes** **No**

*Additional regulations may apply, contact [HMD Duty Desk](#) for more information.

Decontamination Procedure

In accordance with HSC§118295 and 118300, the following decontamination procedure is to be followed in the event of a biohazardous spill or contamination, to include but not limited to the reuse of rigid containers for medical waste. Approved methods of decontamination include, but are not limited to, agitation to remove visible soil combined with one of the following procedures:

Check the appropriate box indicating which method of disinfection you will use:

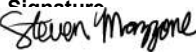
- Exposure to hot water 180°F for ≥ 15 seconds**
- Rinse/Immersion in hypochlorite solution for ≥ 3 minutes**
(500 ppm available chlorine)
- Rinse/Immersion in phenolic solution for ≥ 3 minutes**
(500 ppm active agent)
- Rinse/Immersion in Iodoform solution for ≥ 3 minutes**
(100 ppm available iodine)
- Rinse/Immersion in Quaternary ammonium solution for ≥ 3 minutes**
(400 ppm available active agent)

Acknowledgement

I have read and understood, as a medical waste generator, I am required to comply with the applicable requirements in the Medical Waste Management Act found in the California Health and Safety Code, Sections 117600-118360. **Yes**

Self-Certification Statement

I declare under penalty of law that to the best of my knowledge and belief, the statements made herein are correct and true. I hereby consent to all necessary inspections made pursuant to the California Medical Waste Management Act and incidental to the issuance of my permit or registration and the operation of this business.

Name	Title
<i>Signature</i> 	Date



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: Lab Fellows Inc.
 ADDRESS: 11011 N TORREY PINES RD 135
 CITY/ZIP: LA JOLLA /92037

INSPECTION DATE: 08/31/2022 PAGE 1 OF 7
 RECORD ID #: DEH2014-HUPFP-001157
 TIME START: 10:45 AM END: 12:45 PM
 SPECIALIST: Vikki Denslow
 INSPECTION CONTACT: Dakota Flores
 TITLE: Environmental Health & Safety Consultant
 PHONE: (760) 472-3320
 E-MAIL: Dakota@zoubekconsulting.com

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

- | | | | |
|---|---|--|---|
| <input checked="" type="checkbox"/> Unified Program Facility Permit Current | <input checked="" type="checkbox"/> Contingency Plan Available | <input type="checkbox"/> LQG | <input checked="" type="checkbox"/> SQG |
| <input checked="" type="checkbox"/> Hazardous Materials Business Plan Available | <input checked="" type="checkbox"/> Employee Training Records Available | | |
| <input checked="" type="checkbox"/> Employee Training is Adequate | <input checked="" type="checkbox"/> Universal Waste Managed Properly | | |
| <input checked="" type="checkbox"/> Waste Disposal Records Available for Review | <input checked="" type="checkbox"/> Waste Containers | <input checked="" type="checkbox"/> Closed | <input type="checkbox"/> Labeled |
| <input checked="" type="checkbox"/> Emergency Contacts Current | <input type="checkbox"/> Updated today | <input checked="" type="checkbox"/> Waste Containers in Good Condition | |
| <input type="checkbox"/> Chemical Inventory/Map Current | <input type="checkbox"/> Updated today | Permit Expires On | <u>08/31/2023</u> |

CONSENT TO CONDUCT INSPECTION GRANTED BY: Dakota Flores TITLE: EH&S Consultant

INTRODUCTION:

- This biotech facility occupies and rents out suites #135, #135L, #140, #140L, #145, #145L, and #200.
- The purpose of this inspection was to evaluate this biotech facility for hazardous materials, hazardous waste, and medical waste requirements.
- An environmental health and safety (EH&S) consultant, Dakota Flores, granted consent for this inspection, and she was present for the duration of this inspection.
- During this inspection, Caldi Biotherapeutics was in suite #135L, and that was the only laboratory that was occupied.
- This facility had red bags, sharps containers, a carboy with waste formaldehyde solution, a drum containing solid laboratory debris, a dewar of refrigerated liquid nitrogen, and approximately 500 cubic feet of carbon dioxide gas onsite.
- The hazardous waste label for the drum containing solid laboratory debris did not include the hazard type. This minor violation was corrected during the inspection as the EH&S consultant added that to the hazardous waste label.
- Ingenium picks up medical waste on a weekly basis.
- The EPA ID number is active.
- Employee training records were dated November, 2021 and March, 2022.
- According to the Medical Waste Management Plan (MWMP) dated October 25, 2021, this facility appears to be a large quantity generator of medical waste.

VIOLATION # 1

1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508.1(a-b); 19 CCR 2654 (a) or (d)

Classification: Class II

Observations:

This facility had a drum containing solid laboratory debris onsite. A submittal was made in the California Environmental Reporting System (CERS) in October, 2021, but that waste stream had not been reported in CERS.

Corrective Action Completed During Inspection:

The EH&S consultant added an inventory sheet for the solid laboratory debris to CERS during the inspection.

INSPECTION REMARKS:

Helpful Websites:

- For guidance documents on hazardous materials-related topics, go to: https://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

- For information on the California Environmental Reporting System (CERS), go to: https://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations, go to: <https://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails: <https://public.govdelivery.com/accounts/CASAND/subscriber/new>

If you have any questions regarding this inspection, please contact Vikki Denslow , 619-804-1738, Vikki.Denslow@sdcounty.ca.gov

INSPECTION PHOTOS

None

INSPECTION ATTACHMENTS

None

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: https://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE Dakota Flores	SIGNATURE	Signature Not Obtained	DATE SIGNED
TITLE OF FACILITY REPRESENTATIVE Environmental Health and Safety (EH&S) Consultant			

Department of Environmental Health and Quality, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (858) 505-6880 <http://www.sdcdehq.org>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT Handlers of Hazardous Materials and Small and Large Quantity Generators of Hazardous Waste

INSPECTION DATE: 08/31/2022 PAGE 3 OF 7
RECORD ID #: DEH2014-HUPFP-001157

FACILITY NAME: * Lab Fellows Inc.

ADDRESS: * 11011 N TORREY PINES RD 135

CITY/ZIP: * LA JOLLA

92037

Each violation checked below is for the section(s) of the California Health and Safety Code (HSC), California Code of Regulations (CCR), or the San Diego County Code (SDCC) indicated in italics. Incorporated provisions of Title 40 of the Code of Federal regulations (CFR) are noted for reference. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. HMBP = Hazardous Materials Business Plan; CUPA = Certified Unified Program Agency; CERS = California Environmental Reporting System; SQG = Small Quantity Hazardous Waste Generator; LQG = Large Quantity Hazardous Waste Generator

HAZARDOUS MATERIALS REQUIREMENTS

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> 1010001	Failed to establish and implement a HMBP. HSC 25505(a) and 25507(a)
<input type="checkbox"/> 1010002	HMBP not submitted in CERS within the required timeframe. HSC 25508(a)(1); 27 CCR 15188(a),(b),(d)
<input type="checkbox"/> 1010003	Business activities &/or Business Owner/Operator page not complete or accurate in CERS. 19 CCR 2652(a)(1); SDCC 68.904(b); HSC 25508(a)(1), 25508(a)(3)
1 <input checked="" type="checkbox"/> 1010004	Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508.1(a-b); 19 CCR 2654 (a) or (d)
<input type="checkbox"/> 1010005	Site map not submitted in CERS or not sufficient. HSC 25505(a)(2); 25508.1(f); 19 CCR 2652(a)(3)
<input type="checkbox"/> 1010006	Failed to update HMBP in CERS within 30 days of a substantial change to any portion of the HMBP, including inventory changes or facility information. HSC 25508.1(a-f); 19 CCR 2654(d); SDCC 68.904(c)(6)
<input type="checkbox"/> 1010008	HMBP not certified as complete and accurate in CERS by the required due date. HSC 25508.2, 19 CCR 2654(b)
<input type="checkbox"/> 1010010	Emergency response plan and procedures to mitigate a release or threatened release not adequate, not established or not submitted in CERS. HSC 25505(a)(3), 25508(a)(1), 25508(a)(3); 19 CCR 2658
<input type="checkbox"/> 1010011	Failure to notify property owner in writing that the business is subject to the HMBP program. HSC 25505.1
<input type="checkbox"/> 1010012	Failure to provide a copy of HMBP to the property owner within five working days upon request from property owner. HSC 25505.1
<input type="checkbox"/> 1010014	Failure to submit emergency response plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1); 19 CCR 2670, 2671
<input type="checkbox"/> 1010015	Failure to submit employee training plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a), 25508(a)(1), 19 CCR 2670, 2671
<input type="checkbox"/> 1010016	HMBP not established or submitted in CERS, when not meeting the remote site exemption. HSC 25507.2 and 25508(a)(1)
<input type="checkbox"/> 1020001	Employee training and/or plan for safety procedures in the event of a release or threatened release of a hazardous material not adequate, not established or not submitted in CERS. HSC 25505(a)(4), 25508(a)(1), 25508(a)(3); 19 CCR 2659(a)
<input type="checkbox"/> 1030001	(AWM) Failure of agricultural handler to post warning signs on buildings where pesticides, petroleum, or fertilizers are stored, that are visible from any direction of probable approach, contain all required information, and are in appropriate language. HSC 6.95 25507.1(a)(2); 19 CCR 2670, 2671
<input type="checkbox"/> 1020002	Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)
<input type="checkbox"/> 1040001	Hazardous materials release or threatened release not immediately reported to the CUPA and OES upon discovery. HSC 25510(a); 19 CCR 2631(a)
<input type="checkbox"/> HMD1001	Unified Program Facility permit not obtained for hazardous materials. SDCC 68.904; 68.905; 68.906, 68.907; 68.907.1
<input type="checkbox"/> HMD1005	Emergency contact not provided or current in CERS. HSC 25508.1(f); SDCC 68.904(b)
<input type="checkbox"/> HMD1007	Highly toxic gas (TLV<10 ppm) not disclosed in CERS. SDCC 68.1113(a)
<input type="checkbox"/> 1010017	HMBP not readily available to facility personnel or the CUPA. HSC 25505(c)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS ONLY

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> HMD0226	Did not accumulate waste in a container or tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2)
<input type="checkbox"/> 3030007	Failed to properly label/date hazardous waste container &/or tank. 22 CCR 66262.34(f)
<input type="checkbox"/> 3030010	Failed to properly dispose of hazardous waste within 180 days (or 270 days if waste is transported over 200 miles). 22 CCR 66262.34(d); HSC 6.5 25123.3(h)(1)
<input type="checkbox"/> 3030013	Failed to accumulate hazardous waste in a container that is in good condition. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.171
<input type="checkbox"/> 3030015	Failed to accumulate or store hazardous waste in a lined &/or compatible container. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.172
<input type="checkbox"/> 3030017	Failed to properly close hazardous waste container(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.173
<input type="checkbox"/> 3030019	Failed to inspect hazardous waste storage area at least weekly. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.174
<input type="checkbox"/> 3030022	Failed to properly separate incompatible waste. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.177
<input type="checkbox"/> 3030030	Failed to maintain &/or operate facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.31
<input type="checkbox"/> 3030036	Failed to maintain adequate aisle space. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.35
<input type="checkbox"/> 3010022	Failed to post, next to the telephone, emergency information containing the location of emergency equipment, contact names and phone numbers. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(ii)
<input type="checkbox"/> 3020001	Failure to ensure employees are thoroughly familiar with proper waste handling and emergency procedures during normal facility operations and emergencies. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iii)
<input type="checkbox"/> 3030032	Failed to maintain the following emergency response equipment or equivalent: 1) An internal communication or alarm system; 2) A communication device, such as a telephone; 3) Portable fire extinguishers, fire/spill control equipment and decontamination equipment; and 4) Water at adequate volume and pressure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.32
<input type="checkbox"/> 3030039	Failed to have an emergency coordinator on the premises or on call, and available during an emergency. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(i)
<input type="checkbox"/> HMD0412	Failed to implement and/or coordinate emergency response measures during an emergency, spill/release. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iv)
<input type="checkbox"/> 3010030	Failed to submit an Exception Report to DTSC for hazardous waste manifest. HSC 25123.3(h)(2); 22 CCR 66262.42(a), (c-d)

HAZARDOUS WASTE TANK SYSTEMS FOR SQGS ONLY

VIOLATION DESCRIPTION



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Hazardous Materials and Hazardous Waste (continued)

- 3030024 Failed to operate uncovered tank to ensure at least 2 ft. of freeboard to prevent overtopping, unless the tank is equipped with a containment structure, a drainage control system, or a diversion structure with a capacity that equals or exceeds the volume of the top 2 ft. of the tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(c)
- 3030025 Failed to provide an overflow protection device on continuously fed hazardous waste tank(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(4)
- 3030027 Failed to conduct daily tank inspection of discharge control system, monitoring equipment and waste level. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(1-3), 262.34(d)(3)
- 3030028 Failed to conduct weekly hazardous waste tank inspection(s) to detect signs of leakage and ensure that the construction materials, fixtures and surrounding areas of the tank are in good condition. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(4 & 5), 262.34(d)(3)
- 3050007 Failed to properly remove all waste upon closure, decontaminate, and document the closure of a hazardous waste tank system. 22 CCR 67383.3; 40 CFR 262.34(d)(3), 265.201(f)
- HMD1612 Hazardous waste improperly stored in a tank system causing leaks, corrosion, or failure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)
- HMD1614 Failed to pre-notify the CUPA in writing prior to closing a hazardous waste tank system. 22 CCR 67383.3(a)(1)
- HMD1615 Failed to properly accumulate ignitable or reactive waste in a tank system. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(g)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS AND LOGS

RECORD KEEPING/OPERATIONAL REQUIREMENTS

- | # | <u>VIOLATION DESCRIPTION</u> |
|--------------------------|--|
| <input type="checkbox"/> | HMD0131 Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. SDCC 68.904; 68.905; 68.907.1 |
| <input type="checkbox"/> | HMD0150 Failed to submit complete and accurate Facility Information in CERS. 27 CCR 15188(b-c); SDCC 68.904(b) |
| <input type="checkbox"/> | 3030053 Failed to maintain waste analysis records, analytical records &/or waste determination results for at least 3 years. 22 CCR 66262.40(c) |
| <input type="checkbox"/> | 3010002 Failed to obtain &/or maintain an active EPA ID Number. 22 CCR 66262.12(a) |
| <input type="checkbox"/> | 3010008 Failed to properly complete a uniform hazardous waste manifest. 22 CCR 66262.23(a) |
| <input type="checkbox"/> | 3010009 Failed to submit an Exception Report to DTSC for hazardous waste manifest. HSC 25123.3(h)(2); 22 CCR 66262.42(b), (c), &/or (d) |
| <input type="checkbox"/> | 3010010 Failed to maintain copies of Uniform Hazardous Waste Manifest, consolidated manifest, or Bills of Lading for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a), 66262.23(a)(3) |
| <input type="checkbox"/> | 3010011 Failed to send a copy of the uniform hazardous waste manifest that originated in paper form to DTSC within 30 days of shipment. 22 CCR 66262.23(a)(4); HSC 25160(b)(1)(c) |
| <input type="checkbox"/> | 3010013 Failed to meet the consolidated manifesting requirements for waste shipment. HSC 25160.2(b)(3) &/or (c) |
| <input type="checkbox"/> | 3010014 Failed to retain at the generator's place of business disposal records of spent lead-acid batteries for at least 3 years. 22 CCR 66266.81(a)(4)(A) &/or (B) |
| <input type="checkbox"/> | 3030006 Failed to determine if a hazardous waste is restricted or prohibited from land disposal and has to be treated. 22 CCR 66268.7(a)(1) |
| <input type="checkbox"/> | 3010016 Failure of recycler who recycles more than 100 kilograms per month of a recyclable material to submit the biennial Recyclable Materials Report (RMR) in CERS when claiming exclusion or exemption. HSC 25143.10(a), (c) &/or (d) |
| <input type="checkbox"/> | HMD0149 Failed to keep disposal receipts for drained used oil filters and/or drained fuel filters for 3 years. HSC 25250.22; 22 CCR 66266.130(c)(5) |
| <input type="checkbox"/> | HMD0152 Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2) |
| <input type="checkbox"/> | HMD0140 Failed to have Land Disposal Restriction documentation onsite for 3 years. 22 CCR 66268.7(a)(8) |
| <input type="checkbox"/> | 3250005 Failed to obtain a Treatment, Storage and Disposal Facility (TSDF) permit or authorization to store/treat/dispose of hazardous waste. HSC 25201(a) |
| <input type="checkbox"/> | 3050005 Failed to properly manage a recyclable material. HSC 25143.2, 25143.9 |
| <input type="checkbox"/> | HMD0142 Failed to notify the CUPA in CERS for onsite hazardous waste treatment/tiered permitting. HSC 25201(a) |
| <input type="checkbox"/> | HMD0138 Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a); HSC 25185(a)(4) |
| <input type="checkbox"/> | 3010035 Failure to annually submit notification of generator's intent to remotely consolidate hazardous waste. HSC 25110.10(d) |
| <input type="checkbox"/> | 3010037 Failure to notify the CUPA of aerosol can processing procedures prior to commencement of operations. HSC 25201.16(j) |

DISPOSAL AND TRANSPORTATION

- | # | <u>VIOLATION DESCRIPTION</u> |
|--------------------------|---|
| <input type="checkbox"/> | 3010007 Failed to prepare a hazardous waste manifest for the transport of a waste for off-site transfer, treatment, storage, or disposal. HSC 25160(b)(1) or (2), 25160.2(b)(9); 22 CCR 66262.20(a) |
| <input type="checkbox"/> | 3030005 Failed to make a proper waste determination. 22 CCR 66262.11, 66262.40(c) |
| <input type="checkbox"/> | 3050001 Failed to use a DTSC registered hazardous waste transporter to transport hazardous waste. HSC 25163(a) |
| <input type="checkbox"/> | 3050002 Failed to properly dispose of hazardous waste at an authorized facility. HSC 25189.5(a) |
| <input type="checkbox"/> | HMD0308 Impermissible dilution of hazardous waste. 22 CCR 66268.3(a) |
| <input type="checkbox"/> | HMD0305 Disposed of used oil illegally. HSC 25250.5(a), 25189.5(a) |
| <input type="checkbox"/> | HMD0306 Failed to properly dispose of oil-based paint &/or hazardous waste latex paint liquid. HSC 25217.1, 25189.5(a) |

STORAGE AND HANDLING

- | # | <u>VIOLATION DESCRIPTION</u> |
|--------------------------|---|
| <input type="checkbox"/> | 3030001 Failed to meet the management requirements when handling or storing spent lead-acid batteries. 22 CCR 66266.81(a) |
| <input type="checkbox"/> | 3030003 Failed to properly manage 'damaged' spent lead acid batteries so as to minimize the release of acid and lead and to protect the handlers and the environment 22 CCR 66266.81(b) |
| <input type="checkbox"/> | 3030012 (RCRA LQG) Failed to properly dispose of hazardous waste within 90 days. 22 CCR 66262.34(a), (c); HSC 6.5 25123.3(b)(1) |
| <input type="checkbox"/> | 3030004 Failure to properly manage used oil filters and/or fuel filters in accordance with the requirements. HSC 25250.22; 22 CCR 66266.130 |
| <input type="checkbox"/> | 3050004 Failure to prevent intentional contamination of used oil with other hazardous waste other than minimal amounts of vehicle fuel. HSC 25250.7(a) |
| <input type="checkbox"/> | HMD0222 Failed to properly label Excluded Recyclable Materials (ERM) accumulated in a container or tank. HSC 25143.9(a) |
| <input type="checkbox"/> | HMD0216 Failed to label hazardous material container within 10 days after the container was discovered to be mislabeled or inadequately labeled. HSC 25124(b)(3)(A); 22 CCR 66262.34(f) |
| <input type="checkbox"/> | HMD0217 Failed to repackage and properly label damaged/deteriorated hazardous material container within 96 hours. HSC 25124(b)(3)(B); 22 CCR 66262.34(f) |
| <input type="checkbox"/> | HMD0219 Failed to properly segregate used oil &/or fuel drained from filters. HSC 25250.22(b)(4); 22 CCR 66266.130(c)(6) |



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 08/31/2022 PAGE 5 OF 7
 RECORD ID #: DEH2014-HUPFP-001157

Hazardous Materials and Hazardous Waste (continued)

- 3030057 Failed to comply with hazardous waste satellite container regulation. 22 CCR 66262.34(e)
- 3030058 Failed to mark date on empty container larger than 5 gallons &/or properly manage it within one year. 22 CCR 66261.7
- 3030060 Failure of the owner or operator managing laboratory hazardous waste in a laboratory accumulation area to comply with the accumulation, storage, management, training, and/or record-keeping requirements. HSC 25200.3.1(b) and/or (c)

UNIVERSAL WASTE HANDLER REQUIREMENTS

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> 3010004 | Failed to obtain a California ID Number from DTSC or federal ID Number from USEPA prior to accumulating 5,000 kgs or more of Universal Waste. 22 CCR 66273.32(a-b) |
| <input type="checkbox"/> HMD0151 | Failed to maintain universal waste handler training records for 3 years. 22 CCR 66273.36(c),(d) |
| <input type="checkbox"/> 3020003 | Failed to properly train handlers of universal waste in universal waste management and response procedures. 22 CCR 66273.36(a),(b) |
| <input type="checkbox"/> 3030008 | Failed to properly label or mark Universal Waste container, package, or pallet (excluding CESQUWG) 22 CCR 66273.34 |
| <input type="checkbox"/> 3030011 | Failed to properly dispose of Universal Waste within one year. 22 CCR 66273.35(a) &/or (b) |
| <input type="checkbox"/> HMD0147 | Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2) |
| <input type="checkbox"/> 3030051 | Failed to meet accumulation, labeling, marking, &/or containment standards for Universal Waste aerosol containers. HSC 25201.16(f) |
| <input type="checkbox"/> 3040004 | Failed to manage universal waste in a manner to prevent release(s) to the environment. 22 CCR 66273.33; 66273.33.5, 66273.33.6 |
| <input type="checkbox"/> HMD0307 | Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a); 22 CCR 66273.31(a), 66273.8(b) |
| <input type="checkbox"/> 3010005 | Failure of a universal handler of PV modules, electronic devices, and/or CRTs from an offsite source to notify DTSC 30 days prior to acceptance. 22 CCR 66273.32(c), (e) |
| <input type="checkbox"/> 3010020 | Failure of a universal waste handler to submit an annual report that includes all required information to DTSC by February 1 of every year. 22 CCR 66273.32(d), (f) |
| <input type="checkbox"/> 3010006 | Failure of the universal waste handler who sends electronic devices or CRTs to any foreign destination to notify DTSC 60 days prior to export and send a copy to the CUPA. 22 CCR 66273.40(a)(2),(3) |
| <input type="checkbox"/> 3110030 | Failed to notify the CUPA of aerosol processing procedures prior to commencement of operations. HSC 25201.16(j) |

CERTIFIED APPLIANCE RECYCLER REQUIREMENTS

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> 3010033 | Failure to obtain Certified Appliance Recycler certification (CAR) from DTSC. HSC 25211.4 |
| <input type="checkbox"/> 3010034 | Failure of certified appliance recycler (CAR) to provide documentation that all materials that require special handling (MRSH) have been properly removed and managed. HSC 25211.2, 25211.3 |
| <input type="checkbox"/> 3030055 | Failure of certified appliance recycler (CAR) to properly remove and dispose of all materials that require special handling (MRSH). HSC 25212 |

HM-923 (08-21)



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 08/31/2022 PAGE 6 OF 7
 RECORD ID #: DEH2014-HUPFP-001157

Medical Waste Generators

Each violation checked below is for the section(s) of the California health and Safety Code (HSC), California Code of Regulation (CCR), or the San Diego County Code (SDCC) indicated in italics. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. UPF = Unified Program Facility; MW = Medical Waste; USPS = United States Postal Service; DOT = Department of Transportation

MEDICAL WASTE GENERATORS

STORAGE, LABELING, AND DISPOSAL

#	VIOLATION DESCRIPTION
<input type="checkbox"/> HMD4200	Failed to obtain or maintain a Small Quantity Medical Waste Registration or a Unified Program Facility Permit. HSC 117705; SDCC 68.904, 68.905, 68.906, 68.907.1, 68.1201
<input type="checkbox"/> HMD4201	Failed to submit or report in CERS chemical inventory information for hazardous waste and/or medical waste, and keep up to date. SDCC 68.904(a)(2)
<input type="checkbox"/> HMD4202	Medical waste (MW) not separated from other waste at the point of origin. HSC 118275
<input type="checkbox"/> HMD4203	Enclosure or designated accumulation area for MW containers not secured. HSC 118307, 118310
<input type="checkbox"/> HMD4204	MW designated accumulation area not posted with an approved, legible biohazardous waste "warning sign" in English & Spanish or in another language, in addition to English which can be read from a distance of at least 25 feet. HSC 118310
<input type="checkbox"/> HMD4205	MW interim storage area not marked with warning signs or international biohazard symbol legible from a distance of 5 feet. HSC 118307, 118310
<input type="checkbox"/> HMD4206	MW interim storage area not properly secured. HSC 118307
<input type="checkbox"/> HMD4207	Sharps not stored in approved container or labeled with the words "sharps waste" or with the international biohazard symbol and the word "BIOHAZARD". HSC 118285(a) & (d)
<input type="checkbox"/> HMD4208	Sharps containers, including those used to containerize trace chemotherapeutic wastes, lined with a plastic bag or inner liner. HSC 117750
<input type="checkbox"/> HMD4209	Full sharps container not taped closed or tightly-lidded to preclude loss of contents. HSC 118285(b)
<input type="checkbox"/> HMD4210	Primary containers accumulating MW not labeled with an electronic tracking system label or a label with generator's name, address and phone number. SDCC 68.1205
<input type="checkbox"/> HMD4211	Medical waste not stored in approved and properly marked biohazard bags. HSC 118275(a)
<input type="checkbox"/> HMD4212	Biohazard bags not tied off to prevent leakage or expulsion of contents during storage and handling. HSC 118280(a)
<input type="checkbox"/> HMD4213	Biohazardous bags not containerized in rigid, leak resistant, and covered containers or bins when placed for storage, handling, or transport. HSC 118280(c)
<input type="checkbox"/> HMD4214	Biohazard bag not ASTM D1709 certified. HSC 117630(b)
<input type="checkbox"/> HMD4215	Biohazard bag(s) are not red, except when yellow to further segregate trace chemo waste or white for pathology waste. HSC 117630(b)
<input type="checkbox"/> HMD4216	Biohazard bags not placed in a USDOT-approved container lined with a biohazard bag that is ASTM D1709 and ASTM D1922 certified. HSC 117630(b)
<input type="checkbox"/> HMD4217	Waste container or bin not labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD" on the lid and sides. HSC 118280(c)
<input type="checkbox"/> HMD4218	Reusable containers or bins for MW storage not thoroughly washed and decontaminated and maintained in a clean and sanitary manner. HSC 118295, 118305
<input type="checkbox"/> HMD4219	MW interim storage area not marked with warning signs or international biohazard symbol legible from a distance of 5 feet. HSC 118307, 118310
<input type="checkbox"/> HMD4220	MW interim storage area not properly secured. HSC 118307
<input type="checkbox"/> HMD4221	Full sharps container stored more than 30 days at >0°C. HSC 11828(c)
<input type="checkbox"/> HMD4222	Biohazard bag waste stored more than 7 days at >0°C (for generators of 20 or more pounds a month). HSC 118280(e)(1)(A)
<input type="checkbox"/> HMD4223	Biohazard bag waste stored >30 days at below 0°C (for generators of <20lbs/month). HSC 118280(e)(1)(B)
<input type="checkbox"/> HMD4224	Materials of Trade Exemption: transportation logs not maintained for 2 years at the receiving facility HSC 117946(3), 117976(3)
<input type="checkbox"/> HMD4225	Materials of Trade Exemption: transportation logs do not contain the name of the person transporting the medical waste, the number of containers of medical waste transported, the date the medical waste was transported. HSC 117946(3)(a-c), 117976(3)(a-c)
<input type="checkbox"/> HMD4226	Disposal of untreated MW to an unauthorized point. HSC 118340

SMALL QUANTITY GENERATORS ONLY

(<200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

#	VIOLATION DESCRIPTION
<input type="checkbox"/> HMD4301	Medical Waste Management Plan (MWMP) not submitted to HMD within 30 days of generating medical waste or making updates to the MWMP. HSC 117935, SDCC 68.1202(c)(2)(B)
<input type="checkbox"/> HMD4302	Did not maintain and show proof of "onsite" medical waste treatment records for 3 years. HSC 117943
<input type="checkbox"/> HMD4303	Did not maintain on file disposal receipts, tracking or shipping documents for medical waste shipped offsite for at least 3 years. HSC 117945
<input type="checkbox"/> HMD4309	MWMP or equivalent information not onsite. HSC 117935, 118032

LARGE QUANTITY GENERATORS ONLY

(>= 200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

#	VIOLATION DESCRIPTION
<input type="checkbox"/> HMD4351	Medical Waste Management Plan (MWMP) not submitted to HMD within 30 days of generating medical or making updates to the MWMP. HSC 117960, 117970
<input type="checkbox"/> HMD4352	Records of medical waste treatment not available for 2 years. HSC 117975, 118215(a)(2)(E)
<input type="checkbox"/> HMD4353	Did not make available disposal receipts, tracking or shipping documents for at least 2 years for medical waste shipped offsite. HSC 117975

MW ONSITE TREATMENT FACILITY

#	VIOLATION DESCRIPTION
<input type="checkbox"/> HMD4500	Treated medical waste generated offsite without a permit from the California Department of Public Health (CDPH). HSC 118130
<input type="checkbox"/> HMD4501	Onsite MW treatment permit not obtained or renewed. HSC 117950, 117925, 118130; 65623
<input type="checkbox"/> HMD4502	Current copy of the MW treatment permit not available. HSC 118165, 118180; CCR 65621(f), 65623



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 08/31/2022 PAGE 7 OF 7
 RECORD ID #: DEH2014-HUPFP-001157

Medical Waste Generators (continued)

- HMD4503 Condition(s) of the MW treatment permit violated. CCR 65623
- HMD4504 Operators who treat medical waste not trained in proper equipment use, proper protective equipment to wear and if necessary, proper cleanup of spills. HSC 117967(a), 117938(b)
- HMD4505 Initial and/or annual training for operators that treat medical waste not provided. HSC 117967(b), 117938(b)(2)
- HMD4506 Initial and/or annual training documentation for operators that treat medical waste not available for two years. HSC 117967(c), 117938(b)(3)
- HMD4507 MW treated by unapproved method/procedure. HSC 118215
- HMD4508 Standard written operating procedures for steam sterilization not established. HSC 118215(a)(2)(A)
- HMD4509 Recording thermometer not calibrated annually. HSC 118215(a)(2)(B)
- HMD4510 No records of annual thermometer calibration checks onsite for at least the past 2 years. HSC 118215(a)(2)(B)
- HMD4511 Heat-sensitive tape or other approved method not used for each load treated onsite. HSC 118215(a)(2)(c)
- HMD4512 Monthly biological indicator or other approved indicator not used to confirm proper sterilization. HSC 118215(a)(2)(D)
- HMD4513 Onsite steam sterilization did not reach 121° C (250° F) for at least 30 minutes. HSC 118215(a)(2)(B)
- HMD4514 Treatment records or logs of dates, time, and temperature not maintained for at least 2 years. HSC 118215(a)(2)(e)
- HMD4515 Treated sharps waste is not destroyed or public access to the treated sharps waste not prevented. HSD118225(c)
- HMD4516 Emergency Action Plan not established or provided to HMD. HSC 118235
- HMD4517 Treatment Closure Plan not established or provided to HMD. HSC 117935(j), HSC 117960(j)

CHEMOTHERAPY, PATHOLOGY, PHARMACEUTICAL, HAZARDOUS, AND UNIVERSAL WASTES

#

VIOLATION DESCRIPTION

- HMD4401 Trace chemotherapy waste not segregated from other MW. HSC 118275(a)(4)
- HMD4402 Trace chemotherapy waste container not labeled "Chemotherapy Waste" or "CHEMO" on the lid and the sides. HSC 118275(a)(4)
- HMD4403 Illegal disposal of chemotherapy waste. HSC 118340
- HMD4411 Pathology waste not segregated from other MW. HSC 118275(a)(5)
- HMD4412 Pathology waste container not labeled "Pathology Waste" or "PATH" on the lid and the sides. HSC 118275(a)(5)
- HMD4413 Illegal disposal of pathology waste. HSC 118340
- HMD4421 Pharmaceutical waste not segregated from other MW. HSC 118275(a)(6)
- HMD4422 Pharmaceutical waste not labeled "HIGH HEAT" or "INCINERATION ONLY" on the lid and the sides. HSC 118275(a)(6)
- HMD4423 Pharmaceutical waste stored more than 90 days when container is full, or stored longer than one year (maximum allowable time). HSC 118280(f)
- HMD4424 Failed to notify HMD of any tracking document discrepancies between pick up and disposal of pharmaceutical waste. HSC 118032(c)(4)
- HMD4432 Illegal disposal of pharmaceutical waste. HSC 118340, 118222(b)
- HMD4441 Disposal of photo/hazwaste to an unauthorized point. HSC 25189.5
- HMD0147 Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2)
- HMD0307 Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a), 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a), 66273.8(b)

HM-9255 MW (08-21)



COUNTY OF SAN DIEGO

CORRECTIVE ACTION FORM TO DOCUMENT RETURN TO COMPLIANCE

FACILITY NAME: Lab Fellows Inc.
 ADDRESS: 11011 N TORREY PINES RD 135
 CITY/ZIP: LA JOLLA /92037

INSPECTION DATE: 08/31/2022
 RECORD ID #: DEH2014-HUPFP-001157
 SPECIALIST: Vikki Denslow
 INSPECTION CONTACT: Dakota Flores
 TITLE: Environmental Health & Safety Consultant
 PHONE: (760) 472-3320
 E-MAIL: Dakota@zoubekconsulting.com

VIOL#	DATE CORRECTED	INDICATE HOW VIOLATIONS WERE CORRECTED (Attach Any Supporting Documentation)	DUE DATE
#1 1010004	08/31/2022	Corrected during inspection	09/30/2022

I certify under penalty of law that this facility has corrected all violations marked on the Compliance Inspection Report/Notice of Violation. I have personally examined and am familiar with the information submitted and believe the information is true, accurate and complete. I am authorized to file this certification for the facility, and am aware that there are significant penalties for submitting false information.

PRINTED NAME OF FACILITY REPRESENTATIVE	SIGNATURE	DATE SIGNED
TITLE OF FACILITY REPRESENTATIVE		

SEND COMPLETED FORM AND SUPPORTING DOCUMENTATION TO THE ADDRESS LISTED BELOW

COUNTY OF SAN DIEGO USE ONLY

REVIEWED BY: _____ DATE: _____

SPECIALIST'S COMMENTS:

- All violations noted on date listed above were corrected
- Based On Information Provided By The Facility RTC entered by Specialist on: _____
- Based On Field Verification By Specialist RTC entered by Office Assistant on: _____

Department of Environmental Health and Quality, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
 (858) 505-6880 <http://www.sdcdehq.org>



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(619) 338-2222 FAX (619) 338-2377; 1-800-253-9933
www.sdcounty.ca.gov/deh/hmd



Medical Waste Management Plan

Facility Information

Business

Name: Synthetic Genomics, Inc.

Type of Business: Biotechnology And Research

Address: 11011
Street No.

Ntrreypines145
Street Name

La Jolla
City

CA
State

92037
Zip Code

Unified Program Facility
Permit #: _____

Date: 6 /17 /2015

Person Responsible for implementing the Medical Waste Management Plan

Name: Arthur Hodel

Title: Lab Manager

Phone: (858)-7542927 X _____

Types of wastes generated

Sharps – needles, broken glass, blades.

Estimated monthly amount 1 lbs

Blood or body fluids - liquid blood elements or other regulated body fluids, or articles contaminated with blood or body fluids.

Estimated monthly amount _____ lbs

Laboratory wastes - specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, and culture media.

Estimated monthly amount 10 lbs

Isolation waste – waste contaminated with excretion, exudates, or secretions from humans or animals who are isolated due to highly communicable diseases.

Estimated monthly amount _____ lbs

Waste contaminated with fixatives or chemotherapeutic agents.

Estimated monthly amount _____ lbs

Surgical specimens – human or animal parts or tissues removed surgically or by autopsy.

Estimated monthly amount _____ lbs

Pathology waste – recognizable human anatomical parts.

Estimated monthly amount _____ lbs

Contaminated animals – animal carcasses, body parts, bedding materials.

Estimated monthly amount _____ lbs

Other (please specify): _____

Estimated monthly amount _____ lbs

Home Generated Sharps

Estimated monthly amount _____ lbs

Estimate of **TOTAL** monthly medical waste generated: 11 lbs

Method of treatment performed onsite (if applicable):

Steam Autoclaving

Other state approved alternative technology (please specify below):

Waste Management

Medical Waste Management Plan

Registered Medical Waste Hauler used to remove untreated medical waste (if applicable):

Name: Waste Management

Address: 5960 El Camino Real

City: Carlsbad State CA ZIP Code 92009

Phone #: (760) 931X 0219

Contact Person: Ken Tucker

Offsite treatment facility to which medical waste is transported (if applicable):

Facility Name: Waste Management Healthcare Solutions

Address: 4280 Bandini Blvd.

City: Vernon State CA ZIP Code 90058

Phone #: (800)364X 9693

Contact Person: _____

Phone #: (____) ____ X _____

I hereby certify to the best of my knowledge and believe the statements made herein are correct and accurate.

Name: Arthur Hodel
Type or Print

Title: Lab Manager

Signature: _____

Date: 6 /17 /2015

Emergency Action Plan:

Note: This requirement only applies to Large Quantity Generators of Medical Waste (≥ 200 lbs/month)

Plan to be followed to ensure the proper disposal of medical waste in the event of a natural disaster, treatment system breaks down, power failure, spill, etc. (600 characters max. for WORD interactive form – use additional sheets if necessary).

Permit #:

Date: 6/17/2015

SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
Annual Carcinogen and Reproductive Toxin Reporting List

Business Name: Synthetic Genomics, Inc.

Business Address: 11011 North Torrey Pines Road, Suite #145, La Jolla, CA 92121

Business Owner or Operator: Synthetic Genomics, Inc.

Please complete the following by entering the chemical name in the chemical name column and then place a check in the quantity column that most closely estimates the amount on hand. If measured by volume, check the appropriate gallon column(s). If measured by weight, check the appropriate pound column(s). If the chemical is a trade secret, you should check the trade secret box. For example, if you have one pint of benzene you would write benzene in the chemical name column and place a check in the <1-gallon column.

(PLEASE NOTE: the symbol < means less than).

Table with 8 columns: Chemical Name, <1 gal., <1 lb., <10 gal., <10 lbs., <55 gal., <500 lbs., Trade Secret. The first row contains 'None at this time' and the rest are empty.



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 02/04/2016

RECORD ID #: DEH2015-HUPFP-001902

TIME START: 1:30 PM END: 2:00 PM

SPECIALIST: Irkhin, Anastasiya

INSPECTION CONTACT: Jacqueline Duffin

TITLE: Senior Environmental Health Specialist

PHONE: (858) 344-0506

E-MAIL: jduffin@syntheticgenomics.com

FACILITY NAME: Synthetic Genomics, Inc.
 ADDRESS: 11011 N TORREY PINES RD 145
 CITY/ZIP: SAN DIEGO /92037

FACILITY REFERENCE DATA

ACCELA

RECORD STATUS: Pending Inspection
 PERMIT EXPIRATION DATE: 07/03/2015
 BALANCE DUE: \$0.00
 INSPECTOR: Irkhin, Anastasiya
 INSPECTION TYPE: Status Verification
 INSPECTION STATUS: Complete

CERS

EPA ID NUMBER: Applied
 FACILITY CERS ID NUMBER: 10632427
 CERS LEAD USER: Jacqueline Duffin
 LAST CERS SUBMITTAL DATE: 07/02/2015
 ENVIRONMENTAL CONTACT EMAIL: ahodel@syntheticgenomics.com
 ENVIRONMENTAL CONTACT PHONE: 858-344.0506

FACILITY INFORMATION

	YES	NO
INACTIVATION INSPECTION:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CHANGE OF OWNER:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CHANGE IN BUSINESS TYPE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS TYPE:	<u>Not Applicable</u>	
ISSUE INITIAL INVOICE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS NON-NOTIFICATION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS RE-INSPECTION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FACILITY SUBJECT TO BASE FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FACILITY SUBJECT TO CUPA FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UPDATE FACILITY ADDRESS IN AA:	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	YES	NO
HAZARDOUS MATERIALS:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
HAZARDOUS WASTE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ABOVEGROUND PETROLEUM STORAGE ACT:*	<input type="checkbox"/>	<input checked="" type="checkbox"/>
TOTAL SHELL CAPACITY APSA:		<u>0</u>
UNDERGROUND STORAGE TANK:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CALARP PROGRAM (CERS):	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CALARP PROGRAM LEVEL:	<input type="checkbox"/> 1	<input type="checkbox"/> 2
MEDICAL WASTE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
MW FACILITY GENERATING OVER 200 LBS PER MONTH:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
EPIC PARTICIPANT:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
NUMBER OF TLV GASES AT THE FACILITY:		<u>0</u>

HW GENERATOR STATUS : LOG SQG CESQG RCRA LOG N/A

TIERED PERMIT LEVEL(S) : CESQT CESW CE-L CE-CL HHW PBR CA N/A

PRIMARY BILLING CODE
Not Applicable

SECONDARY BILLING CODE
Not Applicable

TERTIARY BILLING CODE
Not Applicable

INSPECTION SCOPE:

HAZARDOUS MATERIALS: GEN HAZMAT APSA UST

HAZARDOUS WASTE: SQG LOG

MEDICAL WASTE: SQG SQG - TREATS
 LOG LOG - ABBREVIATED LOG - TREATS

CALARP: 1 2 3

TIERED PERMITTING: CESQT CESW CE-L CE-CL
 CA PBR HHW

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT NAME: Jacqueline Duffin TITLE: Senior Environmental Health

REMOVE BLANK CHECKLISTS FROM FINAL INSPECTION REPORT REFUSED TO SIGN

INSPECTION REPORT EMAILS:

Anastasiya.Irkhin@sdcounty.ca.gov, John.Misleh@sdcounty.ca.gov

RECORD COMMENT:

Status verification conducted to close out the permit for this location. Consent for today's inspection was granted by Jacqueline Duffin. Also present during this inspection was Arthur Hodel, Facility and EHS Manager. During the facility walk through no hazardous materials, hazardous waste, or medical waste was observed. Hazardous waste was moved from this facility to new facility by Clean Harbors per Jaqueline Duffin. This facility did not generate hazardous waste, the hazardous materials business plan was submitted to HMD as a precaution. Facility submitted an updated Business Activities page in CERS to notify HMD that the facility has vacated.



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: Synthetic Genomics, Inc.
 ADDRESS: 11011 N TORREY PINES RD 145
 CITY/ZIP: SAN DIEGO /92037

INSPECTION DATE: 02/04/2016 PAGE 1 OF 2
 RECORD ID #: DEH2015-HUPFP-001902
 TIME START: 1:30 PM END: 2:00 PM
 SPECIALIST: Irkhin, Anastasiya
 INSPECTION CONTACT: Jacqueline Duffin
 TITLE: Senior Environmental Health Specialist
 PHONE: (858) 344-0506
 E-MAIL: jduffin@syntheticgenomics.com

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit Current	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contingency Plan Available <input type="checkbox"/> LQG <input type="checkbox"/> SQG
<input type="checkbox"/>	<input type="checkbox"/>	Hazardous Materials Business Plan Available	<input type="checkbox"/>	<input type="checkbox"/>	Employee Training Records Available
<input type="checkbox"/>	<input type="checkbox"/>	Employee Training is Adequate	<input type="checkbox"/>	<input type="checkbox"/>	Universal Waste Managed Properly
<input type="checkbox"/>	<input type="checkbox"/>	Waste Disposal Records Available for Review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers <input type="checkbox"/> Closed <input type="checkbox"/> Labeled
<input type="checkbox"/>	<input type="checkbox"/>	Emergency Contacts Current <input type="checkbox"/> Updated today	<input type="checkbox"/>	<input type="checkbox"/>	Waste Containers in Good Condition
<input type="checkbox"/>	<input type="checkbox"/>	Chemical Inventory/Map Current <input type="checkbox"/> Updated today			Permit Expires On <u>07/03/2015</u>

CONSENT TO CONDUCT INSPECTION GRANTED BY: Jacqueline Duffin

TITLE: Senior Environmental Health Sp

INTRODUCTION:

Status verification conducted to close out the permit for this location.

Consent for today's inspection was granted by Jacqueline Duffin, Senior Environmental Health Specialist.

Also present during this inspection was Arthur Hodel, Facilities and EHS Manager.

During the facility walk through no hazardous materials, hazardous waste, or medical waste was observed.

Hazardous waste was moved from this facility to new facility by Clean Harbors, per Jaqueline Duffin.

This facility did not generate hazardous waste, per Jaqueline Duffin. The hazardous materials business plan was submitted to HMD as a precaution.

Facility submitted an updated Business Activities page in CERS to notify HMD that the facility has vacated.

Okay to suspend permit.

INSPECTION REMARKS:

Helpful Websites:

- For guidance documents on hazardous materials-related topics, go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS), go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations, go to: <http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails: <https://public.govdelivery.com/accounts/CASAND/subscriber/new>

If you have any questions regarding this inspection, please contact Irkhin, Anastasiya, 858-518-7388,

Anastasiya.Irkhin@sdcounty.ca.gov

INSPECTION PHOTOS

None

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 02/04/2016 PAGE 2 OF 2
RECORD ID #: DEH2015-HUPFP-001902

PRINTED NAME OF FACILITY REPRESENTATIVE Jaqueline Duffin	SIGNATURE 	DATE SIGNED 02/04/2016
TITLE OF FACILITY REPRESENTATIVE Senior Environmental Health Specialist		

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (858) 505-6880 <http://www.sdcdeh.org>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: StemoniX c/o LabFellows
 ADDRESS: 11011 N TORREY PINES RD 145
 CITY/ZIP: LA JOLLA /92037

INSPECTION DATE: 07/11/2022 PAGE 1 OF 2
 RECORD ID #: DEH2015-HUPFP-001902
 TIME START: 3:40 PM END: 4:00 PM
 SPECIALIST: Vikki Denslow
 INSPECTION CONTACT: Nobody onsite
 TITLE: Nobody onsite
 PHONE: 858-457-4523
 E-MAIL: murdoc.khaleghi@stemonix.com

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

- | | | | |
|--|--|---|----------------------------------|
| <input type="checkbox"/> Unified Program Facility Permit Current | <input checked="" type="checkbox"/> Contingency Plan Available | <input type="checkbox"/> LQG | <input type="checkbox"/> SQG |
| <input type="checkbox"/> Hazardous Materials Business Plan Available | <input type="checkbox"/> Employee Training Records Available | | |
| <input type="checkbox"/> Employee Training is Adequate | <input type="checkbox"/> Universal Waste Managed Properly | | |
| <input type="checkbox"/> Waste Disposal Records Available for Review | <input checked="" type="checkbox"/> Waste Containers | <input type="checkbox"/> Closed | <input type="checkbox"/> Labeled |
| <input type="checkbox"/> Emergency Contacts Current | <input type="checkbox"/> Updated today | <input type="checkbox"/> Waste Containers in Good Condition | |
| <input type="checkbox"/> Chemical Inventory/Map Current | <input type="checkbox"/> Updated today | Permit Expires On | <u>07/03/2015</u> |

CONSENT TO CONDUCT INSPECTION GRANTED BY: Nobody onsite TITLE: Nobody onsite

INTRODUCTION:

- This suite is now vacant.
- I did not observe any hazardous waste or medical waste through the glass window, and Jayce Galeazzi confirmed by phone that this business did not leave any leftover hazardous waste or medical waste.
- This business has merged with Vyant Bio, which is at 6370 Nancy Ridge Drive, suite 111, under DEH2022-HUPFP-007513.
- Suspend DEH2015-HUPFP-001902.

INSPECTION REMARKS:

Helpful Websites:

- For guidance documents on hazardous materials-related topics, go to: https://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS), go to: https://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations, go to: <https://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails: <https://public.govdelivery.com/accounts/CASAND/subscriber/new>

If you have any questions regarding this inspection, please contact Vikki Denslow , 619-804-1738, Vikki.Denslow@sdcounty.ca.gov

INSPECTION PHOTOS

None

INSPECTION ATTACHMENTS

Document Name	Document Description
1	

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: https://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 07/11/2022 PAGE 2 OF 2
RECORD ID #: DEH2015-HUPFP-001902

PRINTED NAME OF FACILITY REPRESENTATIVE	SIGNATURE	DATE SIGNED
Nobody onsite		
TITLE OF FACILITY REPRESENTATIVE		
Nobody onsite		

Department of Environmental Health and Quality, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (858) 505-6880 <http://www.sdcdehq.org>



SAN DIEGO REGIONAL HAZARDOUS MATERIALS QUESTIONNAIRE

OFFICE USE ONLY

RECORD ID # _____
 PLAN CHECK # DEH2015-HHMBP-003506
 CERS 10910693 BP DATE 1 / 1

Business Name <u>FORMEX LLC</u>		Business Contact <u>Greg Weilersbacher</u>		Telephone # <u>(858) 529-6600</u>	
Project Address <u>11011 TORREYANA RD. #100</u>		City <u>San Diego</u>	State <u>CA</u>	Zip Code <u>92121</u>	APN#
Mailing Address		City	State	Zip Code	Plan File#
Project Contact		Applicant E-mail		Telephone #	

The following questions represent the facility's activities, NOT the specific project description.

PART I: FIRE DEPARTMENT – HAZARDOUS MATERIALS DIVISION: OCCUPANCY CLASSIFICATION: (not required for projects within the City of San Diego): Indicate by circling the item, whether your business will use, process, or store any of the following hazardous materials. If any of the items are circled, applicant must contact the Fire Protection Agency with jurisdiction prior to plan submittal.

Occupancy Rating:

Facility's Square Footage (including proposed project):

- | | | | |
|----------------------------------|-----------------------|-------------------------------------|--------------------------|
| 1. Explosive or Blasting Agents | 5. Organic Peroxides | 9. Water Reactives | 13. Corrosives |
| 2. Compressed Gases | 6. Oxidizers | 10. Cryogenics | 14. Other Health Hazards |
| 3. Flammable/Combustible Liquids | 7. Pyrophorics | 11. Highly Toxic or Toxic Materials | 15. None of These. |
| 4. Flammable Solids | 8. Unstable Reactives | 12. Radioactives | |

PART II: SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH – HAZARDOUS MATERIALS DIVISION (HMD): If the answer to any of the questions is yes, applicant must contact the County of San Diego Hazardous Materials Division, 5500 Overland Avenue, Suite 110, San Diego, CA 92123. Call (858) 505-6700 prior to the issuance of a building permit.

FEES ARE REQUIRED

Project Completion Date: _____

Expected Date of Occupancy: _____

(for new construction or remodeling projects)

- | | | |
|--|-------------------------------------|---|
| YES | NO | |
| 1. <input checked="" type="checkbox"/> | <input type="checkbox"/> | Is your business listed on the reverse side of this form? (check all that apply). |
| 2. <input checked="" type="checkbox"/> | <input type="checkbox"/> | Will your business dispose of Hazardous Substances or Medical Waste in any amount? |
| 3. <input checked="" type="checkbox"/> | <input type="checkbox"/> | Will your business store or handle Hazardous Substances in quantities greater than or equal to 55 gallons, 500 pounds and/or 200 cubic feet? |
| 4. <input checked="" type="checkbox"/> | <input type="checkbox"/> | Will your business store or handle carcinogens/reproductive toxins in any quantity? |
| 5. <input type="checkbox"/> | <input checked="" type="checkbox"/> | Will your business use an existing or install an underground storage tank? |
| 6. <input type="checkbox"/> | <input checked="" type="checkbox"/> | Will your business store or handle Regulated Substances (CalARP)? |
| 7. <input type="checkbox"/> | <input checked="" type="checkbox"/> | Will your business use or install a Hazardous Waste Tank System (Title 22, Article 10)? |
| 8. <input type="checkbox"/> | <input checked="" type="checkbox"/> | Will your business store petroleum in tanks or containers at your facility with a total facility storage capacity equal to or greater than 1,320 gallons? (California's Aboveground Petroleum Storage Act). |

CalARP Exempt
Date / Initials

CalARP Required
Date / Initials

CalARP Complete
Date / Initials

PART III: SAN DIEGO COUNTY AIR POLLUTION CONTROL DISTRICT (APCD): The following questions are intended to identify the majority of air pollution issues at the planning stage. Your project may require additional measures not identified by these questions. Some residential projects may be exempt from APCD requirements. For more comprehensive requirements, please contact APCD at apcdcomp@sdccounty.ca.gov; (858) 586-2650; or 10124 Old Grove Road, San Diego, CA 92131.

- | | | |
|-----------------------------|-------------------------------------|--|
| YES | NO | |
| 1. <input type="checkbox"/> | <input checked="" type="checkbox"/> | Will the project disturb 160 square feet or more of existing building materials? |
| 2. <input type="checkbox"/> | <input checked="" type="checkbox"/> | Will any load supporting structural members be removed? If yes, contact APCD prior to issuance of a building or demolition permit. A notification may be required at least 10 working days prior to commencing demolition. |
| 3. <input type="checkbox"/> | <input type="checkbox"/> | (ANSWER ONLY IF QUESTION 1 OR 2 IS YES) Has an asbestos survey been performed? |
| 4. <input type="checkbox"/> | <input type="checkbox"/> | (ANSWER ONLY IF QUESTION 1 OR 2 IS YES) Based on the survey results, will the project disturb any asbestos containing material? If yes, contact APCD prior to the issuance of a building or demolition permit. A notification may be required at least 10 working days prior to commencing asbestos removal. |
| 5. <input type="checkbox"/> | <input type="checkbox"/> | Will the project or associated construction equipment emit air contaminants? See the reverse side of this form or the APCD factsheet (www.sdapcd.org/info/facts/permits.pdf) for typical equipment requiring an APCD permit. If yes, contact APCD prior to the issuance of a building permit. |
| 6. <input type="checkbox"/> | <input type="checkbox"/> | (ANSWER ONLY IF QUESTION 5 IS YES) Will the project or associated construction equipment be located within 1,000 feet of a school boundary? |

PAID
 11/14/2015
 [Signature]

Briefly describe business activities: <u>MANUFACTURE OF PHARMACEUTICAL SOLID ORAL PRODUCTS</u>	Briefly describe proposed project: <u>INSTALL TANK FOR LIQUID NITROGEN STORAGE</u>
I declare under penalty of perjury that to the best of my knowledge and belief the responses made herein are true and correct.	
<u>Greg Weilersbacher</u> Name of Owner or Authorized Agent	<u>[Signature]</u> Signature of Owner or Authorized Agent
	<u>11/25/2015</u> Date

FOR OFFICIAL USE ONLY:

FIRE DEPARTMENT OCCUPANCY CLASSIFICATION: _____
 BY: _____ DATE: 1 / 1

EXEMPT OR NO FURTHER INFORMATION REQUIRED		RELEASED FOR BUILDING PERMIT BUT NOT FOR OCCUPANCY		RELEASED FOR OCCUPANCY	
COUNTY-HMD*	APCD	COUNTY-HMD	APCD	COUNTY-HMD	APCD

*A stamp in this box only exempts businesses from completing or updating a Hazardous Materials Business Plan. Other permitting requirements may still apply.

permitted HMBP info to be submitted in CERS.

**LIST OF BUSINESSES WHICH REQUIRE REVIEW AND APPROVAL FROM THE COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH – HAZARDOUS MATERIALS DIVISION**

Check all that apply:

AUTOMOTIVE

- Battery Manufacturing/Recycling
- Boat Yard
- Car Wash
- Dealership Maintenance/Painting
- Machine Shop
- Painting
- Radiator Shop
- Rental Yard Equipment
- Repair/Preventive Maintenance
- Spray Booth
- Transportation Services
- Wrecking/Recycling

CHEMICAL HANDLING

- Agricultural supplier/distributor
- Chemical Manufacturer
- Chemical Supplier/Distributor
- Coatings/Adhesive
- Compressed Gas Supplier/Distributor
- Dry Cleaning
- Fiberglass/Resin Application
- Gas Station
- Industrial Laundry
- Laboratory
- Laboratory Supplier/Distributor
- Oil and Fuel Bulk Supply
- Pesticide Operator/Distributor

CHEMICAL HANDLING

- Photographic Processing
- Pool Supplies/Maintenance
- Printing/Blue Printing
- Road Coatings
- Swimming Pool
- Toxic Gas Handler
- Toxic Gas Manufacturer

METAL WORKING

- Anodizing
- Chemical Milling/Etching
- Finish-Coating/Painting
- Flame Spraying
- Foundry
- Machine Shop-Drilling/Lathes/Mills
- Metal Plating
- Metal Prepping/Chemical Coating
- Precious Metal Recovery
- Sand Blasting/Grinding
- Steel Fabricator
- Wrought Iron Manufacturing

AEROSPACE

- Aerospace Industry
- Aircraft Maintenance
- Aircraft Manufacturing

OTHERS AND MISCELLANEOUS

- Asphalt Plant
- Biotechnology/Research
- Chiropractic Office
- Co-Generation Plant
- Dental Clinic/Office
- Dialysis Center
- Emergency Generator
- Frozen Food Processing Facility
- Hazardous Waste Hauler
- Hospital/Convalescent Home
- Laboratory/Biological Lab
- Medical Clinic/Office
- Nitrous Oxide (NO_x) Control System
- Pharmaceuticals
- Public Utility
- Refrigeration System
- Rock Quarry
- Ship Repair/Construction
- Telecommunications Cell Site
- Veterinary Clinic/Hospital
- Wood/Furniture Manufacturing/Refinishing

ELECTRONICS

- Electronic Assembly/Sub-Assembly
- Electronic Components Manufacturing
- Printed Circuit Board Manufacturing

NOTE: THE ABOVE LIST INCLUDES BUSINESSES, WHICH TYPICALLY USE, STORE, HANDLE, AND DISPOSE OF HAZARDOUS SUBSTANCES. ANY BUSINESS NOT INCLUDED ON THIS LIST, WHICH HANDLES, USES OR DISPOSES OF HAZARDOUS SUBSTANCES MAY STILL REQUIRE HAZARDOUS MATERIALS DIVISION (HMD) REVIEW OF BUSINESS PLANS. FOR MORE INFORMATION CALL (858) 505-6880.

LIST OF AIR POLLUTION CONTROL DISTRICT PERMIT CATEGORIES

Businesses, which include any of the following operations or equipment, will require clearance from the Air Pollution Control District.

CHEMICAL

- 47 – Organic Gas Sterilizers
- 32 – Acid Chemical Milling
- 33 – Can & Coil Manufacturing
- 44 – Evaporators, Dryers & Stills Processing Organic Materials
- 24 – Dry Chemical Mixing & Detergent Spray Towers
- 35 – Bulk Dry Chemicals Storage
- 55 – Chrome Electroplating Tanks

COATINGS & ORGANIC SOLVENTS

- 27 – Coating & Painting
- 37 – Plasma Arc & Ceramic Deposition Spray Booths
- 38 – Paint, Stain & Ink Mfg
- 27 – Printing
- 27 – Polyester Resin/Fiberglass Operations

METALS

- 18 – Metal Melting Devices
- 19 – Oil Quenching & Salt Baths
- 32 – Hot Dip Galvanizing
- 39 – Precious Metals Refining

**ORGANIC COMPOUND MARKETING
(GASOLINE, ETC)**

- 25 – Gasoline & Alcohol Bulk Plants & Terminals
- 25 – Intermediate Refuelers
- 26 – Gasoline & Alcohol Fuel Dispensing

COMBUSTION

- 34 – Piston Internal – Combustion Engines
- 13 – Boilers & Heaters (1 million BTU/hr or larger)
- 14 – Incinerators & Crematories
- 15 – Burn Out Ovens
- 16 – Core Ovens
- 20 – Gas Turbines, and Turbine Test Cells & Stands
- 48 – Landfill and/or Digester Gas Flares

ELECTRONICS

- 29 – Automated Soldering
- 42 – Electronic Component Mfg

FOOD

- 12 – Fish Canneries
- 12 – Smoke Houses
- 50 – Coffee Roasters
- 35 – Bulk Flour & Powered Sugar Storage

SOLVENT USE

- 28 – Vapor & Cold Degreasing
- 30 – Solvent & Extract Driers
- 31 – Dry Cleaning

ROCK AND MINERAL

- 04 – Hot Asphalt Batch Plants
- 05 – Rock Drills
- 06 – Screening Operations
- 07 – Sand Rock & Aggregate Plants
- 08 – Concrete Batch, CTB, Concrete Mixers, Mixers & Silos
- 10 – Brick Manufacturing

OTHER

- 01 – Abrasive Blasting Equipment
- 03 – Asphalt Roofing Kettles & Tankers
- 46 – Reverse Osmosis Membrane Mfg
- 51 – Aqueous Waste Neutralization
- 11 – Tire Buffers
- 17 – Brake Debonders
- 23 – Bulk Grain & Dry Chemical Transfer & Storage
- 45 – Rubber Mixers
- 21 – Waste Disposal & Reclamation Units
- 36 – Grinding Booths & Rooms
- 40 – Asphalt Pavement Heaters
- 43 – Ceramic Slip Casting
- 41 – Perlite Processing
- 40 – Cooling Towers – Registration Only
- 91 – Fumigation Operations
- 56 – WWTP (1 million gal/day or larger) & Pump Station

NOTE: OTHER EQUIPMENT NOT LISTED HERE THAT IS CAPABLE OF EMITTING AIR CONTAMINANTS MAY REQUIRE AN AIR POLLUTION CONTROL DISTRICT PERMIT. IF THERE ARE ANY QUESTIONS, CONTACT THE AIR POLLUTION CONTROL DISTRICT AT (858) 586-2600.



SAN DIEGO REGIONAL HAZARDOUS MATERIALS QUESTIONNAIRE

OFFICE USE ONLY	
RECORD ID #	
PLAN CHECK #	DEH2015-HHMBP-003506
CERS 10510693	BP DATE 1 / 1

Business Name FORMEX LLC		Business Contact Greg Weilersbacher		Telephone # (858) 529-6600	
Project Address 11011 TORREYANA RD. #100		City SAN DIEGO	State CA	Zip Code 92121	APN#
Mailing Address		City	State	Zip Code	Plan File#
Project Contact		Applicant E-mail		Telephone #	

The following questions represent the facility's activities, NOT the specific project description.

PART I: FIRE DEPARTMENT – HAZARDOUS MATERIALS DIVISION: OCCUPANCY CLASSIFICATION: (not required for projects within the City of San Diego): Indicate by circling the item, whether your business will use, process, or store any of the following hazardous materials. If any of the items are circled, applicant must contact the Fire Protection Agency with jurisdiction prior to plan submittal.

- | | | | | |
|----------------------------------|-----------------------|--|--------------------------|--|
| Occupancy Rating: | | Facility's Square Footage (including proposed project): | | |
| 1. Explosive or Blasting Agents | 5. Organic Peroxides | 9. Water Reactives | 13. Corrosives | |
| 2. Compressed Gases | 6. Oxidizers | 10. Cryogenics | 14. Other Health Hazards | |
| 3. Flammable/Combustible Liquids | 7. Pyrophorics | 11. Highly Toxic or Toxic Materials | 15. None of These. | |
| 4. Flammable Solids | 8. Unstable Reactives | 12. Radioactives | | |

PART II: SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH – HAZARDOUS MATERIALS DIVISION (HMD): If the answer to any of the questions is yes, applicant must contact the County of San Diego Hazardous Materials Division, 5500 Overland Avenue, Suite 110, San Diego, CA 92123. Call (858) 505-6700 prior to the issuance of a building permit.

FEES ARE REQUIRED		Project Completion Date:	Expected Date of Occupancy:	<input type="checkbox"/> CalARP Exempt
YES	NO		(for new construction or remodeling projects)	Date / Initials
1. <input checked="" type="checkbox"/>	<input type="checkbox"/>	Is your business listed on the reverse side of this form? (check all that apply).		
2. <input checked="" type="checkbox"/>	<input type="checkbox"/>	Will your business dispose of Hazardous Substances or Medical Waste in any amount?		
3. <input checked="" type="checkbox"/>	<input type="checkbox"/>	Will your business store or handle Hazardous Substances in quantities greater than or equal to 55 gallons, 500 pounds and/or 200 cubic feet?		
4. <input checked="" type="checkbox"/>	<input type="checkbox"/>	Will your business store or handle carcinogens/reproductive toxins in any quantity?		
5. <input type="checkbox"/>	<input checked="" type="checkbox"/>	Will your business use an existing or install an underground storage tank?		
6. <input type="checkbox"/>	<input checked="" type="checkbox"/>	Will your business store or handle Regulated Substances (CalARP)?		
7. <input type="checkbox"/>	<input checked="" type="checkbox"/>	Will your business use or install a Hazardous Waste Tank System (Title 22, Article 10)?		
8. <input type="checkbox"/>	<input checked="" type="checkbox"/>	Will your business store petroleum in tanks or containers at your facility with a total facility storage capacity equal to or greater than 1,320 gallons? (California's Aboveground Petroleum Storage Act).		
				<input type="checkbox"/> CalARP Required Date / Initials
				<input type="checkbox"/> CalARP Complete Date / Initials

PART III: SAN DIEGO COUNTY AIR POLLUTION CONTROL DISTRICT (APCD): The following questions are intended to identify the majority of air pollution issues at the planning stage. Your project may require additional measures not identified by these questions. Some residential projects may be exempt from APCD requirements. For more comprehensive requirements, please contact APCD at apcdcomp@sdcounty.ca.gov; (858) 586-2650; or 10124 Old Grove Road, San Diego, CA 92131.

YES	NO	
1. <input type="checkbox"/>	<input checked="" type="checkbox"/>	Will the project disturb 160 square feet or more of existing building materials?
2. <input type="checkbox"/>	<input checked="" type="checkbox"/>	Will any load supporting structural members be removed? If yes, contact APCD prior to issuance of a building or demolition permit. A notification may be required at least 10 working days prior to commencing demolition.
3. <input type="checkbox"/>	<input type="checkbox"/>	(ANSWER ONLY IF QUESTION 1 OR 2 IS YES) Has an asbestos survey been performed?
4. <input type="checkbox"/>	<input type="checkbox"/>	(ANSWER ONLY IF QUESTION 1 OR 2 IS YES) Based on the survey results, will the project disturb any asbestos containing material? If yes, contact APCD prior to the issuance of a building or demolition permit. A notification may be required at least 10 working days prior to commencing asbestos removal.
5. <input type="checkbox"/>	<input type="checkbox"/>	Will the project or associated construction equipment emit air contaminants? See the reverse side of this form or the APCD factsheet (www.sdapcd.org/info/facts/permits.pdf) for typical equipment requiring an APCD permit. If yes, contact APCD prior to the issuance of a building permit.
6. <input type="checkbox"/>	<input type="checkbox"/>	(ANSWER ONLY IF QUESTION 5 IS YES) Will the project or associated construction equipment be located within 1,000 feet of a school boundary?

PAID

DEC 14 2015

CITY OF SAN DIEGO

Briefly describe business activities: MANUFACTURE OF PHARMACEUTICAL SOLID ORAL PRODUCTS	Briefly describe proposed project: INSURANCE TANK FOR LIQUID NITROGEN STORAGE
I declare under penalty of perjury that to the best of my knowledge and belief the responses made herein are true and correct.	
Greg Weilersbacher Name of Owner or Authorized Agent	[Signature] Signature of Owner or Authorized Agent
	11/25/2015 Date

FOR OFFICIAL USE ONLY:

FIRE DEPARTMENT OCCUPANCY CLASSIFICATION: _____

BY: _____ DATE: 1 / 1

EXEMPT OR NO FURTHER INFORMATION REQUIRED		RELEASED FOR BUILDING PERMIT BUT NOT FOR OCCUPANCY		RELEASED FOR OCCUPANCY	
COUNTY-HMD*	APCD	COUNTY-HMD	APCD	COUNTY-HMD	APCD

*A stamp in this box only exempts businesses from completing or updating a Hazardous Materials Business Plan. Other permitting requirements may still apply.

permit + HHMBP info to be submitted in CERS.

IMPORTANT: The **business owner/operator** must have a designated 'lead user' with a valid CERS user account to access their facility information in CERS. If your facility does not have a CERS lead user, please complete and submit the CERS Lead User Access Request Form available at:
<http://www.sdcounty.ca.gov/deh/hazmat/pdf/hm-907-wi.doc>

Once the account has been created, the lead user will have the ability to enter/edit/submit all business related activities associated with the facility. Additional information regarding CERS is available on our website:
<http://www.sdcounty.ca.gov/deh/hazmat/hmd-cers-info.html>



SAN DIEGO REGIONAL HAZARDOUS MATERIALS QUESTIONNAIRE

OFFICE USE ONLY
 RECORD ID # DEH2016-HUPFP-002611
 PLAN CHECK # DEH2015-HHMBP-003506
 CERS 10510693 BP DATE 1 1

Business Name <u>FORMEX LLC</u>	Business Contact <u>Greg Weilersbacher</u>	Telephone # <u>(858) 529-6600</u>
Project Address <u>11011 TORREYANA RD. #100</u>	City <u>San Diego</u>	State <u>CA</u>
Mailing Address	City	State
Project Contact	Applicant E-mail	Telephone #

The following questions represent the facility's activities, NOT the specific project description.

PART I: FIRE DEPARTMENT – HAZARDOUS MATERIALS DIVISION: OCCUPANCY CLASSIFICATION: (not required for projects within the City of San Diego): Indicate by circling the item, whether your business will use, process, or store any of the following hazardous materials. If any of the items are circled, applicant must contact the Fire Protection Agency with jurisdiction prior to plan submittal.

- Occupancy Rating: Facility's Square Footage (including proposed project):
- | | | | |
|----------------------------------|-----------------------|-------------------------------------|--------------------------|
| 1. Explosive or Blasting Agents | 5. Organic Peroxides | 9. Water Reactives | 13. Corrosives |
| 2. Compressed Gases | 6. Oxidizers | 10. Cryogenics | 14. Other Health Hazards |
| 3. Flammable/Combustible Liquids | 7. Pyrophorics | 11. Highly Toxic or Toxic Materials | 15. None of These. |
| 4. Flammable Solids | 8. Unstable Reactives | 12. Radioactives | |

PART II: SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH – HAZARDOUS MATERIALS DIVISION (HMD): If the answer to any of the questions is yes, applicant must contact the County of San Diego Hazardous Materials Division, 5500 Overland Avenue, Suite 110, San Diego, CA 92123. Call (858) 505-6700 prior to the issuance of a building permit.

Call (858) 505-6700 prior to the issuance of a building permit. 2x3,000 gal Nitrogen Tanks Inv. 1926368

FEES ARE REQUIRED Project Completion Date: Expected Date of Occupancy: (for new construction or remodeling projects)

1. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Is your business listed on the reverse side of this form? (check all that apply).	<input type="checkbox"/> CalARP Exempt	Date / Initials
2. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Will your business dispose of Hazardous Substances or Medical Waste in any amount?	<input type="checkbox"/> CalARP Required	Date / Initials
3. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Will your business store or handle Hazardous Substances in quantities greater than or equal to 55 gallons, 500 pounds and/or 200 cubic feet?	<input type="checkbox"/> CalARP Complete	Date / Initials
4. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Will your business store or handle carcinogens/reproductive toxins in any quantity?		
5. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Will your business use an existing or install an underground storage tank?		
6. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Will your business store or handle Regulated Substances (CalARP)?		
7. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Will your business use or install a Hazardous Waste Tank System (Title 22, Article 10)?		
8. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Will your business store petroleum in tanks or containers at your facility with a total facility storage capacity equal to or greater than 1,320 gallons? (California's Aboveground Petroleum Storage Act).		

PART III: SAN DIEGO COUNTY AIR POLLUTION CONTROL DISTRICT (APCD): The following questions are intended to identify the majority of air pollution issues at the planning stage. Your project may require additional measures not identified by these questions. Some residential projects may be exempt from APCD requirements. For more comprehensive requirements, please contact APCD at apcdcomp@sdcountry.ca.gov; (858) 586-2650; or 10124 Old Grove Road, San Diego, CA 92131.

1. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Will the project disturb 160 square feet or more of existing building materials?	PAID 1-11-14 2015 28314
2. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Will any load supporting structural members be removed? If yes, contact APCD prior to issuance of a building or demolition permit. A notification may be required at least 10 working days prior to commencing demolition.	
3. <input type="checkbox"/> YES <input type="checkbox"/> NO	(ANSWER ONLY IF QUESTION 1 or 2 IS YES) Has an asbestos survey been performed?	
4. <input type="checkbox"/> YES <input type="checkbox"/> NO	(ANSWER ONLY IF QUESTION 1 or 2 IS YES) Based on the survey results, will the project disturb any asbestos containing material? If yes, contact APCD prior to the issuance of a building or demolition permit. A notification may be required at least 10 working days prior to commencing asbestos removal.	
5. <input type="checkbox"/> YES <input type="checkbox"/> NO	Will the project or associated construction equipment emit air contaminants? See the reverse side of this form or the APCD factsheet (www.sdapcd.org/info/facts/permits.pdf) for typical equipment requiring an APCD permit. If yes, contact APCD prior to the issuance of a building permit.	
6. <input type="checkbox"/> YES <input type="checkbox"/> NO	(ANSWER ONLY IF QUESTION 5 IS YES) Will the project or associated construction equipment be located within 1,000 feet of a school boundary?	

Briefly describe business activities: MANUFACTURE OF PHARMACEUTICAL Solid Oral Products

Briefly describe proposed project: INSUR TANK FOR LIQUID NITROGEN STORAGE

I declare under penalty of perjury that to the best of my knowledge and belief the responses made herein are true and correct.

Greg Weilersbacher Name of Owner or Authorized Agent
Sue Weilersbacher Signature of Owner or Authorized Agent
11/25/2015 Date

FOR OFFICIAL USE ONLY:

FIRE DEPARTMENT OCCUPANCY CLASSIFICATION: _____ DATE: 1 1

EXEMPT OR NO FURTHER INFORMATION REQUIRED		RELEASED FOR BUILDING PERMIT BUT NOT FOR OCCUPANCY		RELEASED FOR OCCUPANCY	
COUNTY-HMD*	APCD	COUNTY-HMD	APCD	COUNTY-HMD	APCD

*A stamp in this box only exempts businesses from completing or updating a Hazardous Materials Business Plan. Other permitting requirements may still apply.
 HM-9171 (08/15) permit + HM BP info to be submitted in CERS. CERS submittal accepted 3/3/17 by County of San Diego – DEH – Hazardous Materials Division

**LIST OF BUSINESSES WHICH REQUIRE REVIEW AND APPROVAL FROM THE COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH – HAZARDOUS MATERIALS DIVISION**

Check all that apply:

AUTOMOTIVE

- Battery Manufacturing/Recycling
- Boat Yard
- Car Wash
- Dealership Maintenance/Painting
- Machine Shop
- Painting
- Radiator Shop
- Rental Yard Equipment
- Repair/Preventive Maintenance
- Spray Booth
- Transportation Services
- Wrecking/Recycling

CHEMICAL HANDLING

- Agricultural supplier/distributor
- Chemical Manufacturer
- Chemical Supplier/Distributor
- Coatings/Adhesive
- Compressed Gas Supplier/Distributor
- Dry Cleaning
- Fiberglass/Resin Application
- Gas Station
- Industrial Laundry
- Laboratory
- Laboratory Supplier/Distributor
- Oil and Fuel Bulk Supply
- Pesticide Operator/Distributor

CHEMICAL HANDLING

- Photographic Processing
- Pool Supplies/Maintenance
- Printing/Blue Printing
- Road Coatings
- Swimming Pool
- Toxic Gas Handler
- Toxic Gas Manufacturer

METAL WORKING

- Anodizing
- Chemical Milling/Etching
- Finish-Coating/Painting
- Flame Spraying
- Foundry
- Machine Shop-Drilling/Lathes/Mills
- Metal Plating
- Metal Prepping/Chemical Coating
- Precious Metal Recovery
- Sand Blasting/Grinding
- Steel Fabricator
- Wrought Iron Manufacturing

AEROSPACE

- Aerospace Industry
- Aircraft Maintenance
- Aircraft Manufacturing

OTHERS AND MISCELLANEOUS

- Asphalt Plant
- Biotechnology/Research
- Chiropractic Office
- Co-Generation Plant
- Dental Clinic/Office
- Dialysis Center
- Emergency Generator
- Frozen Food Processing Facility
- Hazardous Waste Hauler
- Hospital/Convalescent Home
- Laboratory/Biological Lab
- Medical Clinic/Office
- Nitrous Oxide (NO_x) Control System
- Pharmaceuticals
- Public Utility
- Refrigeration System
- Rock Quarry
- Ship Repair/Construction
- Telecommunications Cell Site
- Veterinary Clinic/Hospital
- Wood/Furniture Manufacturing/Refinishing

ELECTRONICS

- Electronic Assembly/Sub-Assembly
- Electronic Components Manufacturing
- Printed Circuit Board Manufacturing

NOTE: THE ABOVE LIST INCLUDES BUSINESSES, WHICH TYPICALLY USE, STORE, HANDLE, AND DISPOSE OF HAZARDOUS SUBSTANCES. ANY BUSINESS NOT INCLUDED ON THIS LIST, WHICH HANDLES, USES OR DISPOSES OF HAZARDOUS SUBSTANCES MAY STILL REQUIRE HAZARDOUS MATERIALS DIVISION (HMD) REVIEW OF BUSINESS PLANS. FOR MORE INFORMATION CALL (858) 505-6880.

LIST OF AIR POLLUTION CONTROL DISTRICT PERMIT CATEGORIES

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CHEMICAL

- 47 – Organic Gas Sterilizers
- 32 – Acid Chemical Milling
- 33 – Can & Coil Manufacturing
- 44 – Evaporators, Dryers & Still Processing Organic Materials
- 24 – Dry Chemical Mixing & Detergent Spray Towers
- 35 – Bulk Dry Chemicals Storage
- 55 – Chrome Electroplating Tanks

COATINGS & ORGANIC SOLVENTS

- 27 – Coating & Painting
- 37 – Plasma Arc & Ceramic Deposition Spray Booths
- 38 – Paint, Stain & Ink Mfg
- 27 – Printing
- 27 – Polyester Resin/Fiberglass Operations

METALS

- 18 – Metal Melting Devices
- 19 – Oil Quenching & Salt Baths
- 32 – Hot Dip Galvanizing
- 39 – Precious Metals Refining

ORGANIC COMPOUND MARKETING

(GASOLINE, ETC)

- 25 – Gasoline & Alcohol Bulk Plants & Terminals
- 25 – Intermediate Refuelers
- 26 – Gasoline & Alcohol Fuel Dispensing

COMBUSTION

- 34 – Piston Internal – Combustion Engines
- 13 – Boilers & Heaters (1 million BTU/hr or larger)
- 14 – Incinerators & Crematories
- 15 – Burn Out Ovens
- 16 – Core Ovens
- 20 – Gas Turbines, and Turbine Test Cells & Stands
- 48 – Landfill and/or Digester Gas Flares

ELECTRONICS

- 29 – Automated Soldering
- 42 – Electronic Component Mfg

FOOD

- 12 – Fish Canneries
- 12 – Smoke Houses
- 50 – Coffee Roasters
- 35 – Bulk Flour & Powered Sugar Storage

SOLVENT USE

- 28 – Vapor & Cold Degreasing
- 30 – Solvent & Extract Driers
- 31 – Dry Cleaning

ROCK AND MINERAL

- 04 – Hot Asphalt Batch Plants
- 05 – Rock Drills
- 06 – Screening Operations
- 07 – Sand Rock & Aggregate Plants
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OTHER

- 01 – Abrasive Blasting Equipment
- 03 – Asphalt Roofing Kettles & Tankers
- 46 – Reverse Osmosis Membrane Mfg
- 51 – Aqueous Waste Neutralization
- 11 – Tire Buffers
- 17 – Brake Debonders
- 23 – Bulk Grain & Dry Chemical Transfer & Storage
- 45 – Rubber Mixers
- 21 – Waste Disposal & Reclamation Units
- 36 – Grinding Booths & Rooms
- 40 – Asphalt Pavement Heaters
- 43 – Ceramic Slip Casting
- 41 – Perlite Processing
- 40 – Cooling Towers – Registration Only
- 91 – Fumigation Operations
- 56 – WWTP (1 million gal/day or larger) & Pump Station

NOTE: OTHER EQUIPMENT NOT LISTED HERE THAT IS CAPABLE OF EMITTING AIR CONTAMINANTS MAY REQUIRE AN AIR POLLUTION CONTROL DISTRICT PERMIT. IF THERE ARE ANY QUESTIONS, CONTACT THE AIR POLLUTION CONTROL DISTRICT AT (858) 586-2600.



SAN DIEGO REGIONAL HAZARDOUS MATERIALS QUESTIONNAIRE

OFFICE USE ONLY
 RECORD ID # DEH2016-HMFPF-002611
 PLAN CHECK # DEH2015-HMFBP-003506
 CERS 10510693 BP DATE 1/1

Business Name <u>FORMEX LLC</u>	Business Contact <u>Greg Weilersbacher</u>	Telephone # <u>(858) 529-6600</u>
Project Address <u>11011 TORREYANA RD. #100</u>	City <u>San Diego</u>	State <u>CA</u>
Mailing Address	City	State
Project Contact	Applicant E-mail	Telephone #

The following questions represent the facility's activities, NOT the specific project description.

PART I: FIRE DEPARTMENT - HAZARDOUS MATERIALS DIVISION: OCCUPANCY CLASSIFICATION: (not required for projects within the City of San Diego): Indicate by circling the item, whether your business will use, process, or store any of the following hazardous materials. If any of the items are circled, applicant must contact the Fire Protection Agency with jurisdiction prior to plan submittal.

- Occupancy Rating: Facility's Square Footage (including proposed project):
- | | | | |
|----------------------------------|-----------------------|-------------------------------------|--------------------------|
| 1. Explosive or Blasting Agents | 5. Organic Peroxides | 9. Water Reactives | 13. Corrosives |
| 2. Compressed Gases | 6. Oxidizers | 10. Cryogenics | 14. Other Health Hazards |
| 3. Flammable/Combustible Liquids | 7. Pyrophorics | 11. Highly Toxic or Toxic Materials | 15. None of These. |
| 4. Flammable Solids | 8. Unstable Reactives | 12. Radioactives | |

PART II: SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH - HAZARDOUS MATERIALS DIVISION (HMD): If the answer to any of the questions is yes, applicant must contact the County of San Diego Hazardous Materials Division, 5500 Overland Avenue, Suite 110, San Diego, CA 92123. Call (858) 505-6700 prior to the issuance of a building permit.

FEES ARE REQUIRED Project Completion Date: 2x3,000 sq ft Nitrogen tanks Inv. 1926308 Expected Date of Occupancy: _____

(for new construction or remodeling projects)

1. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Is your business listed on the reverse side of this form? (check all that apply).	<input type="checkbox"/> CalARP Exempt
2. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Will your business dispose of Hazardous Substances or Medical Waste in any amount?	Date / Initials
3. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Will your business store or handle Hazardous Substances in quantities greater than or equal to 55 gallons, 500 pounds and/or 200 cubic feet?	<input type="checkbox"/> CalARP Required
4. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Will your business store or handle carcinogens/reproductive toxins in any quantity?	Date / Initials
5. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Will your business use an existing or install an underground storage tank?	<input type="checkbox"/> CalARP Complete
6. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Will your business store or handle Regulated Substances (CalARP)?	Date / Initials
7. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Will your business use or install a Hazardous Waste Tank System (Title 22, Article 10)?	
8. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Will your business store petroleum in tanks or containers at your facility with a total facility storage capacity equal to or greater than 1,320 gallons? (California's Aboveground Petroleum Storage Act).	

PART III: SAN DIEGO COUNTY AIR POLLUTION CONTROL DISTRICT (APCD): The following questions are intended to identify the majority of air pollution issues at the planning stage. Your project may require additional measures not identified by these questions. Some residential projects may be exempt from APCD requirements. For more comprehensive requirements, please contact APCD at apcdcomp@sdcountry.ca.gov; (858) 586-2650; or 10124 Old Grove Road, San Diego, CA 92131.

- | | | |
|--|--|--|
| 1. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | Will the project disturb 160 square feet or more of existing building materials? | <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>PAID</p> <p>1-11-14 2015</p> <p>28314</p> </div> |
| 2. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | Will any load supporting structural members be removed? If yes, contact APCD prior to issuance of a building or demolition permit. A notification may be required at least 10 working days prior to commencing demolition. | |
| 3. <input type="checkbox"/> YES <input type="checkbox"/> NO | (ANSWER ONLY IF QUESTION 1 or 2 IS YES) Has an asbestos survey been performed? | |
| 4. <input type="checkbox"/> YES <input type="checkbox"/> NO | (ANSWER ONLY IF QUESTION 1 or 2 IS YES) Based on the survey results, will the project disturb any asbestos containing material? If yes, contact APCD prior to the issuance of a building or demolition permit. A notification may be required at least 10 working days prior to commencing asbestos removal. | |
| 5. <input type="checkbox"/> YES <input type="checkbox"/> NO | Will the project or associated construction equipment emit air contaminants? See the reverse side of this form or the APCD factsheet (www.sdapcd.org/info/facts/permits.pdf) for typical equipment requiring an APCD permit. If yes, contact APCD prior to the issuance of a building permit. | |
| 6. <input type="checkbox"/> YES <input type="checkbox"/> NO | (ANSWER ONLY IF QUESTION 5 IS YES) Will the project or associated construction equipment be located within 1,000 feet of a school boundary? | |

Briefly describe business activities: MANUFACTURE OF PHARMACEUTICAL SOLID ORAL PRODUCTS

Briefly describe proposed project: INSTALL TANK FOR LIQUID NITROGEN STORAGE

I declare under penalty of perjury that to the best of my knowledge and belief the responses made herein are true and correct.

Greg Weilersbacher Name of Owner or Authorized Agent [Signature] Signature of Owner or Authorized Agent 11/25/2015 Date

FOR OFFICIAL USE ONLY:

FIRE DEPARTMENT OCCUPANCY CLASSIFICATION: _____ DATE: 1/1

EXEMPT OR NO FURTHER INFORMATION REQUIRED		RELEASED FOR BUILDING PERMIT BUT NOT FOR OCCUPANCY		RELEASED FOR OCCUPANCY	
COUNTY-HMD*	APCD	COUNTY-HMD	APCD	COUNTY-HMD	APCD
		<div style="border: 2px solid black; border-radius: 50%; padding: 10px; text-align: center;"> <p>COUNTY OF SAN DIEGO</p> <p>HMD REVIEWED</p> <p><u>J. Swanson</u></p> <p>SIGNATURE</p> <p><u>12/14/15</u></p> <p>DATE</p> <p>HMD</p> </div>		<div style="border: 2px solid red; border-radius: 50%; padding: 10px; text-align: center;"> <p>COUNTY OF SAN DIEGO</p> <p>REVIEWED</p> <p><u>J. Swanson</u></p> <p>SIGNATURE</p> <p><u>3/6/17</u></p> <p>DATE</p> <p>HMD</p> </div>	

*A stamp in this box only exempts businesses from completing or updating a Hazardous Materials Business Plan. Other permitting requirements may still apply.

HM-9171 (08/15) permitted + HMFBP info to be submitted in CERS. CERS submittal accepted 3/3/17 by [Signature] County of San Diego - DEH - Hazardous Materials Division

**LIST OF BUSINESSES WHICH REQUIRE REVIEW AND APPROVAL FROM THE COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH – HAZARDOUS MATERIALS DIVISION**

Check all that apply:

AUTOMOTIVE

- Battery Manufacturing/Recycling
- Boat Yard
- Car Wash
- Dealership Maintenance/Painting
- Machine Shop
- Painting
- Radiator Shop
- Rental Yard Equipment
- Repair/Preventive Maintenance
- Spray Booth
- Transportation Services
- Wrecking/Recycling

CHEMICAL HANDLING

- Agricultural supplier/distributor
- Chemical Manufacturer
- Chemical Supplier/Distributor
- Coatings/Adhesive
- Compressed Gas Supplier/Distributor
- Dry Cleaning
- Fiberglass/Resin Application
- Gas Station
- Industrial Laundry
- Laboratory
- Laboratory Supplier/Distributor
- Oil and Fuel Bulk Supply
- Pesticide Operator/Distributor

CHEMICAL HANDLING

- Photographic Processing
- Pool Supplies/Maintenance
- Printing/Blue Printing
- Road Coatings
- Swimming Pool
- Toxic Gas Handler
- Toxic Gas Manufacturer

METAL WORKING

- Anodizing
- Chemical Milling/Etching
- Finish-Coating/Painting
- Flame Spraying
- Foundry
- Machine Shop-Drilling/Lathes/Mills
- Metal Plating
- Metal Prepping/Chemical Coating
- Precious Metal Recovery
- Sand Blasting/Grinding
- Steel Fabricator
- Wrought Iron Manufacturing

AEROSPACE

- Aerospace Industry
- Aircraft Maintenance
- Aircraft Manufacturing

OTHERS AND MISCELLANEOUS

- Asphalt Plant
- Biotechnology/Research
- Chiropractic Office
- Co-Generation Plant
- Dental Clinic/Office
- Dialysis Center
- Emergency Generator
- Frozen Food Processing Facility
- Hazardous Waste Hauler
- Hospital/Convalescent Home
- Laboratory/Biological Lab
- Medical Clinic/Office
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**COUNTY OF SAN DIEGO CUPA
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
PHONE: (858) 505-6990; FAX: (858) 505-6786; EMAIL: hmdutyeh@sdcounty.ca.gov**

CERS ACCESS/I.D. REQUEST FORM

All Certified Unified Program Agency (CUPA) regulated businesses are required by law (Assembly Bill 2286) to submit business information electronically through the California Environmental Reporting System (CERS). This includes information related to your:

- Unified Program Facility Permit
- Hazardous Materials Business Plan
- Hazardous Waste
- Hazardous Waste Onsite Treatment
- Hazardous Waste Tank Closures
- Remote Waste Consolidation
- Recyclable Materials Reports
- Underground Storage Tanks
- Aboveground petroleum storage over 1,320 gallons
- Medical Waste**

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** In San Diego County, Medical Waste Generators are required to report in CERS in order to receive a valid permit.

<input type="checkbox"/> Change of Owner (C/O): a business is sold to a new owner. <input type="checkbox"/> Relocation: a business moves to a new address and owner remains the same. <input type="checkbox"/> New Business: a business opens in a vacant or newly constructed building. <input checked="" type="checkbox"/> CERS Assistance Requested: none of the above are applicable. I need access to my CERS account.			PERMIT/RECORD NUMBER <i>DEA 2016-11499 - 002611</i>	
			CERS ID NUMBER 10510693	
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)* FormexLLC			BUSINESS PHONE* 858 529 6600	
SITE ADDRESS* 11011 Torreyana rd			SUITE NUMBER* 100	
CITY* San Diego		CA	ZIP* 92121	
BUSINESS ORGANIZATION, CORPORATE NAME, LLC, or OWNER FIRST AND LAST NAME* FormexLLC			BUSINESS OWNER PHONE*	
II. PREVIOUS ADDRESS (IF APPLICABLE)				
PREVIOUS SITE ADDRESS			PREVIOUS PERMIT/RECORD NUMBER	
PREVIOUS CITY		CA	PREVIOUS CERS ID	
III. CERS LEAD USERS				
-PRIMARY-			-SECONDARY-	
NAME* Bob Fischer		NAME Greg Weilersbacher		
TITLE* Building Manager		TITLE V.P of Operations		
BUSINESS PHONE* 619-609-8559		BUSINESS PHONE 619-302-1411		
E-MAIL:* b.fischer@formexllc.com		E-MAIL: g.weilersbacher@formexllc.com		
*Required				
I authorize the Hazardous Materials Division to create my CERS ID. I understand that I am responsible for completing and maintaining my facility information in CERS as required by law. I certify under penalty of law that I have personally examined and am familiar with the information submitted on this form and believe the information is true, accurate, and complete.				
SIGNATURE OF OWNER OR OPERATOR* <i>Bob Fischer</i>			DATE* 5/10/2016	
NAME OF SIGNER (print)* Bob Fischer			TITLE OF SIGNER* Building Manager	
OFFICE USE ONLY	<input type="checkbox"/> Plan Check (HHMBP#: _____) Last Inspection date: _____			
	<input type="checkbox"/> Processed C/O (date: _____) <input type="checkbox"/> Added Lead Users (date: _____)			
	Received by (date/initials: _____) Completed by (initials: _____)			

County of San Diego CUPA
Department of Environmental Health – Hazardous Materials Division



COUNTY OF SAN DIEGO CUPA
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
 P.O. BOX 129261, SAN DIEGO, CA 92112-9261
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BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)* FORMEX LLC		BUSINESS PHONE* (858) 529-6600
SITE ADDRESS* 11011 TORREYANA ROAD		SUITE NUMBER* 100
CITY* SAN DIEGO	CA ZIP* 92121	DATE ASSUMED OWNERSHIP*
BUSINESS ORGANIZATION, CORPORATE NAME, LLC, or OWNER FIRST AND LAST NAME*		BUSINESS OWNER PHONE*
II. PREVIOUS ADDRESS (IF APPLICABLE)		
PREVIOUS SITE ADDRESS		PREVIOUS PERMIT/RECORD NUMBER
PREVIOUS CITY	CA ZIP	PREVIOUS CERS ID
III. CERS LEAD USERS		
-PRIMARY-		-SECONDARY-
NAME* TED BURRILL	NAME Jenny Lu	
TITLE* Assoc Dir, MANUFACTURING	TITLE MFG COORDINATOR	
BUSINESS PHONE* (858) 529-6635	BUSINESS PHONE (858) 529-6600 x 525	
E-MAIL* T.BURRILL@FORMEXLLC.COM	E-MAIL: J.Vu@FORMEXLLC.COM	
*Required		
I authorize the Hazardous Materials Division to create my CERS ID. I understand that I am responsible for completing and maintaining my facility information in CERS as required by law. I certify under penalty of law that I have personally examined and am familiar with the information submitted on this form and believe the information is true, accurate, and complete.		
SIGNATURE OF OWNER OR OPERATOR* <i>Magdalena R. Mesilland</i>		DATE* 1/10/17
NAME OF SIGNER (print)* MAGDALENA R. MESILLAND		TITLE OF SIGNER* Gen. Manager, B2/B200
OFFICE USE ONLY	<input type="checkbox"/> Plan Check (HHMBP#: _____) Last Inspection date: _____	
	<input type="checkbox"/> Processed C/O (date: _____) <input type="checkbox"/> Added Lead Users (date: _____)	
	Received by (date/initials: _____) Completed by (initials: _____)	

County of San Diego CUPA
 Department of Environmental Health - Hazardous Materials Division

1/11/17 YD
 LU only



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 01/10/2017

RECORD ID #: DEH2016-HUPFP-002611

TIME START: 1:30 PM END: 3:10 PM

SPECIALIST: Anastasiya Irkhin

INSPECTION CONTACT: Jimmy Vu

TITLE: Manufacturing Coordinator

PHONE: (858) 529-6600

E-MAIL: j.vu@formexllc.com

FACILITY NAME: FORMEX LLC
 ADDRESS: 11011 TORREYANA RD 100
 CITY/ZIP: SAN DIEGO /92121-1104

FACILITY REFERENCE DATA

ACCELA

RECORD STATUS: Pending Inspection
 PERMIT EXPIRATION DATE: 05/14/2016
 BALANCE DUE: \$0.00
 INSPECTOR: Anastasiya Irkhin
 INSPECTION TYPE: Routine
 INSPECTION STATUS: Pending Corrective Action

CERS

EPA ID NUMBER: CAL000383582
 FACILITY CERS ID NUMBER: 10510693
 CERS LEAD USER: Bob Fischer
 LAST CERS SUBMITTAL DATE: 05/13/2016
 ENVIRONMENTAL CONTACT EMAIL: j.vu@formexllc.com
 ENVIRONMENTAL CONTACT PHONE: 858 527 9910

FACILITY INFORMATION

	YES	NO		YES	NO
INACTIVATION INSPECTION:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HAZARDOUS MATERIALS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CHANGE OF OWNER:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HAZARDOUS WASTE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CHANGE IN BUSINESS TYPE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ABOVEGROUND PETROLEUM STORAGE ACT:*	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS TYPE: <u>R&D/QA/QC Test Labs</u>			TOTAL SHELL CAPACITY APSA:		<u>0</u>
ISSUE INITIAL INVOICE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	UNDERGROUND STORAGE TANK:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS NON-NOTIFICATION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CALARP PROGRAM (CERS):	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS RE-INSPECTION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CALARP PROGRAM LEVEL:	<input type="checkbox"/> 1	<input type="checkbox"/> 2
FACILITY SUBJECT TO BASE FEE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MEDICAL WASTE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FACILITY SUBJECT TO CUPA FEE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MW FACILITY GENERATING OVER 200 LBS PER MONTH:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UPDATE FACILITY ADDRESS IN AA:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EPIC PARTICIPANT:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS CLOSE DATE:			NUMBER OF TLV GASES AT THE FACILITY:		<u>0</u>

HW GENERATOR STATUS : LOG SQG CESQG RCRA LOG N/A

TIERED PERMIT LEVEL(S) : CESQT CESW CE-L CE-CL HHW PBR CA N/A

PRIMARY BILLING CODE: Not Applicable SECONDARY BILLING CODE: Not Applicable TERTIARY BILLING CODE: Not Applicable

INSPECTION SCOPE:*

HAZARDOUS MATERIALS: GEN HAZMAT APSA UST HAZARDOUS WASTE: SQG LOG

MEDICAL WASTE: SQG SQG - TREATS LOG LOG - ABBREVIATED LOG - TREATS CALARP: 1 2 3

TIERED PERMITTING: CESQT CESW CE-L CE-CL CA PBR HHW

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT NAME: Jimmy Vu TITLE: Manufacturing Coordinator

REMOVE BLANK CHECKLISTS FROM FINAL INSPECTION REPORT REFUSED TO SIGN



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

FACILITY NAME: FORMEX LLC
 ADDRESS: 11011 TORREYANA RD 100
 CITY/ZIP: SAN DIEGO /92121-1104

INSPECTION DATE: 01/10/2017
 RECORD ID #: DEH2016-HUPFP-002611
 TIME START: 1:30 PM END: 3:10 PM
 SPECIALIST: Anastasiya Irkhin
 INSPECTION CONTACT: Jimmy Vu
 TITLE: Manufacturing Coordinator
 PHONE: (858) 529-6600
 E-MAIL: j.vu@formexllc.com

INSPECTION REPORT EMAILS:

Anastasiya.Irkhin@sdcounty.ca.gov

RECORD COMMENT:

initial inspection completed 1/10/2017

Multiple horizontal grey bars representing empty rows for inspection details or notes.



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: FORMEX LLC
 ADDRESS: 11011 TORREYANA RD 100
 CITY/ZIP: SAN DIEGO /92121-1104

INSPECTION DATE: 01/10/2017 PAGE 1 OF 6
 RECORD ID #: DEH2016-HUPFP-002611
 TIME START: 1:30 PM END: 3:10 PM
 SPECIALIST: Anastasiya Irkhin
 INSPECTION CONTACT: Jimmy Vu
 TITLE: Manufacturing Coordinator
 PHONE: (858) 529-6600
 E-MAIL: j.vu@formexllc.com

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit Current	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contingency Plan Available <input type="checkbox"/> LQG <input type="checkbox"/> SQG
<input type="checkbox"/>	<input type="checkbox"/>	Hazardous Materials Business Plan Available	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training Records Available
<input type="checkbox"/>	<input type="checkbox"/>	Employee Training is Adequate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Universal Waste Managed Properly
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Disposal Records Available for Review	<input type="checkbox"/>	<input type="checkbox"/>	Waste Containers <input type="checkbox"/> Closed <input type="checkbox"/> Labeled
<input type="checkbox"/>	<input type="checkbox"/>	Emergency Contacts Current <input type="checkbox"/> Updated today	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers in Good Condition
<input type="checkbox"/>	<input type="checkbox"/>	Chemical Inventory/Map Current <input type="checkbox"/> Updated today			Permit Expires On <u>05/14/2016</u>

CONSENT TO CONDUCT INSPECTION GRANTED BY: Jimmy Vu

TITLE: Manufacturing Coordinator

INTRODUCTION:

Today an initial Certified Unified Program Agency (CUPA) inspection was completed at Formex LLC to verify compliance with hazardous materials and hazardous waste regulations. At the time of inspection this facility is a small quantity hazardous waste generator and stores on-site reportable amounts of hazardous materials. At the time of inspection this facility is subject to hazardous materials business plan requirements.

This facility is a research and development company specializing in trial medication.

At the time of inspection the following hazardous materials and hazardous wastes were observed on-site in the warehouse area, hazardous waste storage area, and the laboratory areas:

- 1) 1 x 55 g "Isopropyl 70%"
- 2) 1 x 55 g "Isopropyl 99%"
- 3) 1 x 55 g detergent soap
- 4) 2 x 55 g "hazardous waste flammable liquid"
- 5) 1 x 55 g "hazardous waste solid"
- 6) sharps waste (chemically contaminated)
- 7) 1 x 15g "hazardous waste HPLC contaminated waste"

California Environmental Reporting System (CERS) lead user access form was accepted from facility representative at the time of inspection.



COUNTY OF SAN DIEGO
SUPPLEMENTAL COMPLIANCE
INSPECTION REPORT

INSPECTION DATE: 01/10/2017 PAGE 2 OF 6
RECORD ID #: DEH2016-HUPFP-002611

VIOLATION # 1

1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25506; 25507; and 25508(a)(1)(A)

Classification: Minor

Observations:

At the time of inspection the following inventory items were not uploaded in CERS:

- 1) 1 x 55 g "Isopropyl 70%"
- 2) 1 x 55 g "Isopropyl 99%"
- 3) 1 x 55 g detergent soap
- 4) 2 x 55 g "hazardous waste flammable liquid"
- 5) 1 x 55 g "hazardous waste solid"
- 6) sharps waste chemically contaminated
- 7) 1 x 15g "hazardous waste HPLC contaminated waste"

Corrective Action Due By: 02/09/2017

Within 30 days ensure that the CERS inventory is updated to reflect the hazardous material/waste inventory on-site. You may contact the CERS help desk for assistance at (858) 505-6990.

VIOLATION # 2

1010005 Site map not submitted in CERS or not sufficient. HSC 25505(a)(2) and 25508(a)(1)(A)

Classification: Minor

Observations:

An adequate hazardous materials business plan (HMBP) site map with all required symbols has not been submitted by this facility through the California Environmental Reporting System (CERS).

Corrective Action Due By: 02/09/2017

This violation must be corrected online by logging into the facility account in CERS and uploading and submitting an up-to date site map with all required symbols. A sample map, instructions, and symbols legend can be found at http://www.sandiegocounty.gov/content/dam/sdc/deh/hmd/pdf/hmbp/forms/Site_Map_Handout_2-11.pdf

You may contact the CERS help desk for assistance at (858) 505-6990.

VIOLATION # 3

1020001 Employee training plan for hazardous materials management not adequate, not established or not submitted in CERS. HSC 25505(a)(4) and 25508(a)(1)(A)

Classification: Minor

Observations:

Observed during the inspection walk-through that all of the hazardous waste satellite containers in each laboratory area were not labeled. Also observed was one 55gallon drum of hazardous waste solid that was not labeled in the laboratory area.



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 01/10/2017 PAGE 3 OF 6
RECORD ID #: DEH2016-HUPFP-002611

Training records were on-site and the training records show that hazardous waste container labeling and storage were a covered topic, however this was *not implemented* at this facility.

The training program shall, at a minimum, include methods for safe handling of hazardous materials; procedures for coordination with local emergency response organizations; use of emergency response equipment; and emergency response procedures for a release or threatened release of hazardous materials.

Corrective Action Due By: 02/09/2017

Within 30 days, *implement* an employee training plan and submit this information electronically through CERS. An emergency response and training plan template can be found at <http://www.calepa.ca.gov/CUPA/Documents/eTemplates/Contingency.pdf> which may be filled out, uploaded, and submitted in CERS.

Ensure that all topics in the training plan are implemented on-site.

VIOLATION # 4

3030017 Failed to properly close hazardous waste container(s). (40 CFR 262.34(d)(2); 265.173.) 22 CCR 66262.34(d)(2)

Classification: Minor

Observations:

Observed in the laboratory area "QC lab" were approximately five 1-gallon containers of "hazardous waste liquid flammable" connected via tubing to a machine. None of the hazardous waste containers were observed to have a secure lid.

Corrective Action Due By: 02/09/2017

Immediately close all hazardous waste containers and ensure that they are kept closed.

VIOLATION # 5

3030007 Failed to properly label/date hazardous waste container and/or tank. 22 CCR 66262.34(f)

Classification: Minor

Observations:

Observed all hazardous waste satellite containers in use in the laboratory areas that were not properly labeled as hazardous waste.

Observed in the laboratory sharps waste (chemically contaminated sharps) without a hazardous waste label.

Hazardous waste containers must be labeled with the following: The words "Hazardous Waste", the name and address of the generator, the composition and physical state of the waste, the hazardous properties of the waste, and the accumulation start date.

Corrective Action Due By: 02/09/2017

Immediately begin labeling the containers with the required labeling. Within 30 days, submit documentation to the HMD that this violation was corrected.

INSPECTION REMARKS:

Helpful Websites:

- For guidance documents on hazardous materials-related topics, go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS),



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html

- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations,

go to: <http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>

- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails:

<https://public.govdelivery.com/accounts/CASAND/subscriber/new>

If you have any questions regarding this inspection, please contact Anastasiya Irkhin, 858-518-7388,

Anastasiya.Irkhin@sdcounty.ca.gov

INSPECTION PHOTOS

None

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE Jimmy Vu	SIGNATURE 	DATE SIGNED 01/10/2017
TITLE OF FACILITY REPRESENTATIVE Supervisor, Warehouse		

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261

Phone: (858) 505-6880 <http://www.sdcdeh.org>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT Handlers of Hazardous Materials and Small and Large Quantity Generators of Hazardous Waste

INSPECTION DATE: 01/10/2017 PAGE 5 OF 6
RECORD ID #: DEH2016-HUPFP-002611

FACILITY NAME: *FORMEX LLC

ADDRESS: * 11011 TORREYANA RD 100

CITY/ZIP: *SAN DIEGO

92121-1104

Each violation checked below is for the section(s) of the California Health and Safety Code (HSC), California Code of Regulations (CCR), or the San Diego County Code (SDCC) indicated in italics. Incorporated provisions of Title 40 of the Code of Federal regulations (CFR) are noted for reference. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. HMBP = Hazardous Materials Business Plan; CUPA = Certified Unified Program Agency; CERS = California Environmental Reporting System; SQG = Small Quantity Hazardous Waste Generator; LQG = Large Quantity Hazardous Waste Generator

Hazardous Materials Requirements

- | # | VIOLATION DESCRIPTION |
|--------------------------|--|
| <input type="checkbox"/> | 1010001 HMBP not established/ implemented. HSC 25505(a) and 25507(a) |
| <input type="checkbox"/> | 1010002 HMBP not submitted to the CUPA in CERS. HSC 25508(a)(1)(A); HSC 25404(e)(4); 27 CCR 15188(a), (d) |
| <input type="checkbox"/> | 1010003 Business Activities and/or Business Owner/Operator Identification not completed in CERS. 19 CCR 2729.2(a)(1); HSC 25404(e)(4) |
| 1 | <input checked="" type="checkbox"/> 1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25506; 25507; and 25508(a)(1)(A) |
| 2 | <input checked="" type="checkbox"/> 1010005 Site map not submitted in CERS or not sufficient. HSC 25505(a)(2) and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1010006 HMBP not updated to reflect inventory changes or facility information. HSC 25508.1(a-e) |
| <input type="checkbox"/> | 1010007 HMBP not updated to reflect substantial change to the handler's operations. HSC 25508.1(f) |
| <input type="checkbox"/> | 1010008 HMBP not certified annually as complete and accurate in CERS. HSC 25508.2 |
| <input type="checkbox"/> | 1010010 Emergency response procedures to mitigate a release or threatened release not adequate, not established or not submitted in CERS. HSC 25505(a)(3) and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1010011 Failure to notify property owner in writing that the business is subject to the HMBP program. HSC 25505.1 |
| <input type="checkbox"/> | 1010012 Failure to provide a copy of HMBP to the property owner within five working days upon request from property owner. HSC 25505.1 |
| <input type="checkbox"/> | 1010014 Failure to submit emergency response plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1010015 Failure to submit employee training plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1010016 HMBP not established or submitted in CERS, when not meeting the remote site exemption. HSC 25507.2 and 25508(a)(1)(A) |
| 3 | <input checked="" type="checkbox"/> 1020001 Employee training plan for hazardous materials management not adequate, not established or not submitted in CERS. HSC 25505(a)(4) and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1020002 Initial and/or annual employee training not conducted for hazardous materials management and/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4) |
| <input type="checkbox"/> | 1040001 Hazardous materials release or threatened release not reported to the CUPA and OES immediately upon discovery. HSC 25510(a) |
| <input type="checkbox"/> | 4010001 Failed to prepare and implement a written Spill Prevention Control and Countermeasures (SPCC) Plan in accordance with 40 CFR 112 (sec. 112.3). HSC 25270.4.5(a) |
| <input type="checkbox"/> | HMD 1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905 |
| <input type="checkbox"/> | HMD 1005 Emergency contact not provided or current. HSC 25508.1(f) |
| <input type="checkbox"/> | HMD 1007 Highly toxic gas (TLV<10 ppm) not disclosed. SDCC 68.1113(b) |
| <input type="checkbox"/> | HMD 1008 Annual carcinogen/reproductive toxin list not submitted. SDCC 68.1113(c) |
| <input type="checkbox"/> | HMD 1013 HMBP not readily available for review. HSC 25505(c) |

Hazardous Waste Requirements for SQGs ONLY

- | | |
|--------------------------|--|
| <input type="checkbox"/> | HMD 0226 Did not accumulate waste in a container or tank. (40 CFR 262.34(d)(2).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | HMD 0412 Failed to have an emergency coordinator on call or available during an emergency. (40 CFR 262.34(d)(5)(i).) 22 CCR 66262.34(d)(2) |

HM-923 (03-15)

Hazardous Waste Requirements for SQGs ONLY (continued)

- | # | VIOLATION DESCRIPTION |
|--------------------------|--|
| 5 | <input checked="" type="checkbox"/> 3030007 Failed to properly label/date hazardous waste container and/or tank. 22 CCR 66262.34(f) |
| <input type="checkbox"/> | 3030010 Accumulated waste too long (>180 or 270 days) (>90 days for an acutely hazardous waste). (40 CFR 262.34(e) and (f).) HSC 25201(a); 22 CCR 66262.34(d) |
| <input type="checkbox"/> | 3030013 Failed to accumulate hazardous waste in a container that is in good condition. (40 CFR 262.34(d)(2); 265.171.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030015 Failed to accumulate or store hazardous waste in a lined/compatible container. (40 CFR 262.34(d)(2); 265.172) 22 CCR 66262.34(d)(2) |
| 4 | <input checked="" type="checkbox"/> 3030017 Failed to properly close hazardous waste container(s). (40 CFR 262.34(d)(2); 265.173.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030019 Failed to inspect hazardous waste storage area at least weekly. (40 CFR 262.34(d)(2); 265.174.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030022 Failed to properly separate incompatible waste. (40 CFR 262.34(d)(2); 265.177.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030030 Failed to maintain and/or operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents. (40 CFR 262.34(d)(4); 265.31.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030036 Failed to maintain adequate aisle space. (40 CFR 262.34(d)(4); 265.35.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3010022 Failed to post, next to the telephone, emergency information containing the location of emergency equipment, contact names, and numbers. (40 CFR 262.34(d)(5)(ii).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3020001 Failed to ensure employees are trained for hazardous waste handling, compliance with regulations, and emergency response procedures. (40 CFR 262.34(d)(5)(iii).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030032 Failed to maintain or have emergency equipment, supplies, or equivalents. 1) An internal communication or alarm system; 2) A device, such as a telephone; 3) Portable fire extinguishers, fire control equipment, spill control equipment, and decontamination equipment; and 4) Water at adequate volume and pressure (40 CFR 262.34(d)(4); 265.32) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030039 Failed to implement contingency plan during an emergency, spill/ release. (40 CFR 262.34(d)(5)(iv).) 22 CCR 66262.34(d)(2) |

Hazardous Waste Tank Systems for SQGs ONLY

- | | |
|--------------------------|--|
| <input type="checkbox"/> | 3030024 Failed to maintain sufficient freeboard of 2 ft in uncovered tanks to prevent overtopping unless the tank is equipped with a containment structure, a drainage control system or a diversion structure with a capacity that equals or exceeds the volume of the top 2 ft of the tank. (40 CFR 62.34(d)(3); 265.201(b)(c).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030025 Failed to provide an overflow protection device on continuously fed hazardous waste tank. (40 CFR 262.34(d)(3); 265.201(b)(4).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030027 Failed to conduct daily tank inspection of the discharge system, monitoring equipment, and tank level. (40 CFR 265.201(c)(1), 265.201(c)(2), 265.201(c)(3), 262.34(d)(3).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030028 Failed to conduct weekly inspections of the construction materials, fixtures, and surrounding areas of the hazardous waste tank. (40 CFR 265.201(c)(4); 265.201(c)(5); 262.34(d)(3).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3050007 Failed to properly decontaminate and document closure of a hazardous waste tank system. (40 CFR 265.201(f).) 22 CCR 67383.3 |
| <input type="checkbox"/> | HMD 1612 Hazardous waste improperly stored in a tank system causing leaks, corrosion, or failure. (40 CFR 265.201(b).) 22 CCR 66262.34(d) |
| <input type="checkbox"/> | HMD 1614 Failed to pre-notify the CUPA in writing prior to closing a hazardous waste tank system. 22 CCR 67383.3(a)(1) |
| <input type="checkbox"/> | HMD 1615 Failed to properly accumulate ignitable or reactive waste in a tank system. (40 CFR 265.201(g).) 22 CCR 66262.34(d)(2) |



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Hazardous Materials and Hazardous Waste (continued)

Hazardous Waste Requirements for SOGs and LOGs RECORD KEEPING/OPERATIONAL REQUIREMENTS

- | | |
|---|-----------------------|
| # | VIOLATION DESCRIPTION |
|---|-----------------------|
- 3010001 Unified Program Facility (UPF) permit not obtained for the generation of hazardous waste. HSC 25404.1; SDCC 68.905
 - 3010029 The facility has not submitted complete and accurate facility information in CERS. HSC 25404(e)(4); 27 CCR 15188(b)
 - 3010002 Failed to obtain and/or maintain an active EPA ID. 22 CCR 66262.12
 - 3010008 Failed to properly complete a uniform hazardous waste manifest. 22 CCR 66262.23(a)
 - 3010009 Failed to complete the hazardous waste manifest Exception Requirement. 22 CCR 66262.42
 - 3010010 Failed to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a)
 - 3010011 Failed to send hazardous waste manifest copies to the Department of Toxic Substances Control (DTSC). 22 CCR 66262.23(a)(4)
 - 3010013 Failed to meet the consolidated manifesting requirements for waste shipment. HSC 25160.2; 22 CCR 66262.40(a)
 - 3010014 Failed to retain disposal records of spent lead batteries for 3 years. 22 CCR 66266.81(a)(4)(B)
 - 3030006 Failed to determine if a hazardous waste is restricted or prohibited from land disposal. 22 CCR 66268.7(a)
 - 3010016 Failure of recycler who recycles more than 100 kilograms per month of recyclable material under a claim that the material qualifies for exclusion or exemption to provide and submit in CERS the required information. HSC 25143.10(a), (c), and/or (d)
 - HMD 0149 Failed to keep disposal receipts for drained used oil filters and/or drained fuel filters for 3 years. HSC 25250.22; 22 CCR 66266.130
 - HMD 0148 Failed to have copies of analytical records, waste analysis records, and/or waste determination results for 3 years. 22 CCR 66262.40(c)
 - HMD 0140 Failed to have Land Disposal Restriction documentation onsite for 3 years. 22 CCR 66268.7(a)(8)
 - 3250005 Failed to obtain a Treatment, Storage and Disposal Facility (TSDF) permit or authorization to store/treat/dispose of hazardous waste. HSC 25201(a)
 - 3050005 Failed to have adequate records demonstrating claim of exemption for Excluded Recyclable Materials. HSC 25143.2(f); 22 CCR 66261.2(g)
 - 3210001 Failed to notify the CUPA in CERS for onsite hazardous waste treatment/tiered permitting. HSC 25201(a)
 - HMD 0138 Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a)

Hazardous Waste Requirements for SOGs and LOGs DISPOSAL AND TRANSPORTATION

- 3010007 Failed to prepare a hazardous waste manifest for the transport of a waste for off-site transfer, treatment, storage, or disposal. HSC 25160(b)(1) or (2), 25160.2(b)(9); 22 CCR 66262.20(a)
- 3030005 Failed to make a proper waste determination. 22 CCR 66262.11, 66262.40(c)
- 3050001 Failed to use a California registered hazardous waste transporter to transport hazardous waste. HSC 25163(a); 22 CCR 66263.41
- 3050002 Failed to properly dispose of hazardous waste at an authorized facility. HSC 25189.5(a); 25189(c),(d); 25189.2(c)
- 3130002 Impermissible dilution of hazardous waste. 22 CCR 66268.3(a)
- HMD 0305 Disposed of used oil illegally. HSC 25250.5(a); 25189.5(a); 25189(c),(d); 25189.2(c)
- HMD 0306 Disposed of hazardous waste latex paint improperly. HSC 25217.1

Hazardous Waste Requirements for SOGs and LOGs STORAGE AND HANDLING

- | | |
|---|-----------------------|
| # | VIOLATION DESCRIPTION |
|---|-----------------------|
- 3030001 Failed to meet requirements, when handling, and storing spent lead acid batteries. 22 CCR 66266.81(a)(1)
 - 3030003 Failed to properly manage 'damaged' spent lead acid batteries. 22 CCR 66266.81(b)
 - 3030004 Failed to properly manage, store, label, and/or recycle used oil filters and/or used fuel filters. HSC 25250.22; 22 CCR 66266.130
 - 3050004 Failed to properly manage contaminated used oil as a hazardous waste. HSC 25250.7(a), (c)
 - HMD 0222 Failed to properly label Excluded Recyclable Materials (ERM). HSC 25143.9(a).
 - HMD 0216 Failed to label hazardous material container within 10 days after the container was discovered to be mislabeled or inadequately labeled. HSC 25124(b)(3)(A); 22 CCR 66262.34(f)
 - HMD 0217 Failed to repack damaged/deteriorated hazardous material container within 96 hours. HSC 25124(b)(3)(B); 22 CCR 66262.34(f)
 - HMD 0219 Failed to properly segregate used oil &/or fuel drained from filters. HSC 25250.22(b)(4); 22 CCR 66266.130(c)(6)
 - HMD 0221 Failed to comply with hazardous waste satellite container regulation. 22 CCR 66262.34(e)
 - HMD 0223 Failed to properly empty container, failed to manage non-empty container, or inner liner removed from a container. 22 CCR 66261.7(b), (d) and/or (r); 66262.34(f)
 - HMD 0224 Failed to mark date on empty container larger than 5 gallons and/or manage it within one year. 22 CCR 66261.7(e),(f)

Universal Waste Handler Requirements

- 3010004 Failed to obtain an EPA ID number from DTSC or US EPA prior to storing 5,000 kg or more of universal waste. 22 CCR 66273.32(a),(b)
- 3020002 Failed to maintain universal waste handler training records for 3 years. 22 CCR 66273.36(c),(d)
- 3020003 Failed to properly train handlers of universal waste in universal waste management and response procedures. 22 CCR 66273.36(a),(b)
- 3030008 Failed to properly label or mark a universal waste (non-Conditionally Exempt Small Quantity Universal Waste Generator). 22 CCR 66273.34
- 3030011 Failed to properly dispose of universal waste within one year. 22 CCR 66273.35(a) and/or (b)
- 3030046 Failed to keep records of offsite universal waste (UW) shipment(s) available for inspection for 3 years. HSC 25185(a); 22 CCR 66273.39(c), (d)(2)
- 3030051 Failed to meet the accumulation standards for universal waste aerosol containers and waste handling. HSC 25201.16(f)
- 3040004 Failed to manage universal waste in a manner to prevent release(s) to the environment. 22 CCR 66273.33; 66273.33.5
- 3050003 Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a), 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a)



COUNTY OF SAN DIEGO

CORRECTIVE ACTION FORM TO DOCUMENT RETURN TO COMPLIANCE

FACILITY NAME: FORMEX LLC
 ADDRESS: 11011 TORREYANA RD 100
 CITY/ZIP: SAN DIEGO /92121-1104

INSPECTION DATE: 01/10/2017
 RECORD ID #: DEH2016-HUPFP-002611
 SPECIALIST: Anastasiya Irkhin
 INSPECTION CONTACT: Jimmy Vu
 TITLE: Manufacturing Coordinator
 PHONE: (858) 529-6600
 E-MAIL: j.vu@formexllc.com

VIOL#	DATE CORRECTED	INDICATE HOW VIOLATIONS WERE CORRECTED (Attach Any Supporting Documentation)	DUE DATE
#1 1010004			02/09/2017
#2 1010005			02/09/2017
#3 1020001			02/09/2017
#4 3030017			02/09/2017
#5 3030007			02/09/2017

I certify under penalty of law that this facility has corrected all violations marked on the Compliance Inspection Report/Notice of Violation. I have personally examined and am familiar with the information submitted and believe the information is true, accurate and complete. I am authorized to file this certification for the facility, and am aware that there are significant penalties for submitting false information.

PRINTED NAME OF FACILITY REPRESENTATIVE	SIGNATURE	DATE SIGNED
TITLE OF FACILITY REPRESENTATIVE		

SEND COMPLETED FORM AND SUPPORTING DOCUMENTATION TO THE ADDRESS LISTED BELOW

COUNTY OF SAN DIEGO USE ONLY

REVIEWED BY: _____ DATE: _____

SPECIALIST'S COMMENTS:

- All violations noted on date listed above were corrected
- Based On Information Provided By The Facility RTC entered by Specialist on: _____
- Based On Field Verification By Specialist RTC entered by Office Assistant on: _____

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
<http://www.sdcdeh.org> 858-505-6880



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 03/21/2018

RECORD ID #: DEH2016-HUPFP-002611

TIME START: 11:45 AM END: 3:00 PM

SPECIALIST: Anastasiya Irkhin

INSPECTION CONTACT: Carlos Flores

TITLE: Materials Supervisor

PHONE: (858) 529-6600

E-MAIL: carlos.flores@bioduro.com

FACILITY NAME: Bioduro LLC
 ADDRESS: 11011 TORREYANA RD 100
 CITY/ZIP: SAN DIEGO /92121-1104

FACILITY REFERENCE DATA

ACCELA

RECORD STATUS: Permit Renewed
 PERMIT EXPIRATION DATE: 04/30/2018
 BALANCE DUE: \$859.00
 INSPECTOR: Anastasiya Irkhin
 INSPECTION TYPE: Site Investigation
 INSPECTION STATUS: No Violations

CERS

EPA ID NUMBER: CAL000383582
 FACILITY CERS ID NUMBER: 10510693
 CERS LEAD USER: Jimmy Vu
 LAST CERS SUBMITTAL DATE: 03/02/2017
 ENVIRONMENTAL CONTACT EMAIL: j.vu@formexllc.com
 ENVIRONMENTAL CONTACT PHONE: 858 527 9910

FACILITY INFORMATION

INACTIVATION INSPECTION:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	HAZARDOUS MATERIALS:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
CHANGE OF OWNER:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HAZARDOUS WASTE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CHANGE IN BUSINESS TYPE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ABOVEGROUND PETROLEUM STORAGE ACT:*	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS TYPE: <u>R&D/QA/QC Test Labs</u>			TOTAL SHELL CAPACITY APSA:	<u>0</u>	
ISSUE INITIAL INVOICE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	UNDERGROUND STORAGE TANK:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS NON-NOTIFICATION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CALARP PROGRAM (CERS):	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS RE-INSPECTION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CALARP PROGRAM LEVEL:	<input type="checkbox"/> 1	<input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> N/A
FACILITY SUBJECT TO BASE FEE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MEDICAL WASTE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FACILITY SUBJECT TO CUPA FEE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MW FACILITY GENERATING OVER 200 LBS PER MONTH:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UPDATE FACILITY ADDRESS IN AA:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EPIC PARTICIPANT:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS CLOSE DATE:			NUMBER OF TLV GASES AT THE FACILITY:	<u>0</u>	

HW GENERATOR STATUS : LOG SQG CESQG RCRA LOG N/A

TIERED PERMIT LEVEL(S) : CESQT CESW CE-L CE-CL HHW PBR CA N/A

PRIMARY BILLING CODE: Not Applicable SECONDARY BILLING CODE: Not Applicable TERTIARY BILLING CODE: Not Applicable

INSPECTION SCOPE:

HAZARDOUS MATERIALS: GEN HAZMAT APSA UST HAZARDOUS WASTE: SQG LOG

MEDICAL WASTE: SQG SQG - TREATS LOG CALARP: 1 2 3

TIERED PERMITTING: CESQT CESW CE-L CE-CL CA PBR HHW

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT NAME: Carlos Flores TITLE: Materials Supervisor

REMOVE BLANK CHECKLISTS FROM FINAL INSPECTION REPORT REFUSED TO SIGN

TIME ACCOUNTING (Site Investigation)

TOTAL TIME ENTERED: 3.1

Date	Time	Group	Type
03/21/2018	0.3	HMD Inspection	Report Writing - Record
03/21/2018	0.1	HMD Inspection	Travel Time - Record
03/21/2018	2.7	HMD Inspection	HM/HW - Record



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

FACILITY NAME: Bioduro LLC
 ADDRESS: 11011 TORREYANA RD 100
 CITY/ZIP: SAN DIEGO /92121-1104

INSPECTION DATE: 03/21/2018
 RECORD ID #: DEH2016-HUPFP-002611
 TIME START: 11:45 AM END: 3:00 PM
 SPECIALIST: Anastasiya Irkhin
 INSPECTION CONTACT: Carlos Flores
 TITLE: Materials Supervisor
 PHONE: (858) 529-6600
 E-MAIL: carlos.flores@bioduro.com

INSPECTION REPORT EMAILS:

Anastasiya.Irkhin@sdcounty.ca.gov

RECORD COMMENT:

Status verification completed 3/21/2018. Facility has a name change, now BioDuro. On-site assistance with CERS to submit a complete updated HMBP, also verified RTC complete for violations cited during 2017 inspection. RTC document accepted from facility representative.



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: Bioduro LLC
 ADDRESS: 11011 TORREYANA RD 100
 CITY/ZIP: SAN DIEGO /92121-1104

INSPECTION DATE: 03/21/2018 PAGE 1 OF 5
 RECORD ID #: DEH2016-HUPFP-002611
 TIME START: 11:45 AM END: 3:00 PM
 SPECIALIST: Anastasiya Irkhin
 INSPECTION CONTACT: Carlos Flores
 TITLE: Materials Supervisor
 PHONE: (858) 529-6600
 E-MAIL: carlos.flores@bioduro.com

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit Current	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contingency Plan Available <input type="checkbox"/> LQG <input checked="" type="checkbox"/> SQG
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hazardous Materials Business Plan Available	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training Records Available
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training is Adequate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Universal Waste Managed Properly
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Disposal Records Available for Review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers <input checked="" type="checkbox"/> Closed <input checked="" type="checkbox"/> Labeled
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Emergency Contacts Current <input checked="" type="checkbox"/> Updated today	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers in Good Condition
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Inventory/Map Current <input checked="" type="checkbox"/> Updated today			Permit Expires On <u>04/30/2018</u>

CONSENT TO CONDUCT INSPECTION GRANTED BY: Carlos Flores

TITLE: Materials Supervisor

INTRODUCTION:

Today a status verification Certified Unified Program Agency (CUPA) inspection was completed at BioDuro LLC to verify compliance with hazardous waste and hazardous materials regulations and requirements. At the time of inspection this facility appears to be a small quantity hazardous waste generator and stores on-site reportable amounts of hazardous materials. At the time of inspection this facility is subject to hazardous materials business plan requirements.

Facility is a contract chemical manufacturing company.

Observed on-site during inspection:

- 1 x 55 gallon drum of isopropanol (99%)
- 1 x 55 gallon drum of isopropanol (70%)
- 1 x 55 gallon drum of coolant
- 1 x 55 gallon drum of methylene chloride
- 1 x 55 gallon drum of tetrahydrofuran
- 1 x 55 gallon drum used oil
- 2 x 55 gallon drums flammable waste liquid (tetrahydrofuran)
- 3 x 55 gallon drums of waste solvent
- 3 x 55 gallon drums of waste solid (non-RCRA pharm lab waste)
- 3 x 405 cubic feet cylinders of carbon dioxide
- 2 x 361 cubic feet cylinders of hydrogen
- 9 x 300 cubic feet cylinders of nitrogen
- approx. 55 gallons of acetone on-site stored within 5 gallon containers and 1 gallon containers

Manifests on-site.

Employee training documentation on-site.

During inspection California Environmental Reporting System (CERS) assistance was provided. Facility representative submitted a complete updated hazardous materials business plan (HMBP) during inspection.

CERS ID: 10510693



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 03/21/2018	PAGE 2 OF 5
RECORD ID #: DEH2016-HUPFP-002611	

INSPECTION REMARKS:

Helpful Websites:1

- For guidance documents on hazardous materials-related topics,
go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS),
go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations,
go to: <http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails:
<https://public.govdelivery.com/accounts/CASAND/subscriber/new>

If you have any questions regarding this inspection, please contact Anastasiya Irkhin, 858-518-7388,
Anastasiya.Irkhin@sdcounty.ca.gov

INSPECTION PHOTOS

None

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE Carlos Flores	SIGNATURE		DATE SIGNED 03/21/2018
TITLE OF FACILITY REPRESENTATIVE Materials Supervisor			

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (858) 505-6880 <http://www.sdcdelh.org>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT Handlers of Hazardous Materials and Small and Large Quantity Generators of Hazardous Waste

INSPECTION DATE: 03/21/2018 PAGE 3 OF 5
RECORD ID #: DEH2016-HUPFP-002611

FACILITY NAME: * **Bioduro LLC**

ADDRESS: * **11011 TORREYANA RD 100**

CITY/ZIP: * **SAN DIEGO**

92121-1104

Each violation checked below is for the section(s) of the California Health and Safety Code (HSC), California Code of Regulations (CCR), or the San Diego County Code (SDCC) indicated in italics. Incorporated provisions of Title 40 of the Code of Federal regulations (CFR) are noted for reference. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. HMBP = Hazardous Materials Business Plan; CUPA = Certified Unified Program Agency; CERS = California Environmental Reporting System; SQG = Small Quantity Hazardous Waste Generator; LQG = Large Quantity Hazardous Waste Generator

HAZARDOUS MATERIALS REQUIREMENTS

#	VIOLATION DESCRIPTION
<input type="checkbox"/> 1010001	Failed to establish and implement a HMBP. HSC 25505(a) and 25507(a)
<input type="checkbox"/> 1010002	HMBP not submitted to the CUPA in CERS. HSC 25508(a)(1)(A); 27 CCR 15188(a),(b),(d)
<input type="checkbox"/> 1010003	Business Activities &/or Business Owner/Operator page not completed in CERS. 19 CCR 2652(a)(1); SDCC 68.904(b); HSC 25508(a)(1)(A)
<input type="checkbox"/> 1010004	Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508.1(a-b); 19 CCR 2654 (a) or (d)
<input type="checkbox"/> 1010005	Site map not submitted in CERS or not sufficient. HSC 25505(a)(2); 25508.1(f); 19 CCR 2652(a)(3)
<input type="checkbox"/> 1010006	Failed to update HMBP in CERS within 30 days of a substantial change to any portion of the HMBP, including inventory changes or facility information. HSC 25508.1(a-f); 19 CCR 2654(d); SDCC 68.904(c)(6)
<input type="checkbox"/> 1010008	HMBP not certified annually as complete and accurate in CERS. HSC 25508(a)(1)(A), 25508.2, 19 CCR 2654(b)
<input type="checkbox"/> 1010010	Emergency response plan and procedures to mitigate a release or threatened release not adequate, not established or not submitted in CERS. HSC 25505(a)(3), 25508(a)(1)(A); 19 CCR 2658
<input type="checkbox"/> 1010011	Failure to notify property owner in writing that the business is subject to the HMBP program. HSC 25505.1
<input type="checkbox"/> 1010012	Failure to provide a copy of HMBP to the property owner within five working days upon request from property owner. HSC 25505.1
<input type="checkbox"/> 1010014	Failure to submit emergency response plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A); 19 CCR 2670, 2671
<input type="checkbox"/> 1010015	Failure to submit employee training plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A)
<input type="checkbox"/> 1010016	HMBP not established or submitted in CERS, when not meeting the remote site exemption. HSC 25507.2 and 25508(a)(1)(A)
<input type="checkbox"/> 1020001	Employee training and/or plan for safety procedures in the event of a release or threatened release of a hazardous material not adequate, not established or not submitted in CERS. HSC 25505(a)(4) and 25508(a)(1)(A); 19 CCR 2659(a)
<input type="checkbox"/> 1020002	Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)
<input type="checkbox"/> 1040001	Hazardous materials release or threatened release not immediately reported to the CUPA and OES upon discovery. HSC 25510(a); 19 CCR 2631(a)
<input type="checkbox"/> HMD1001	Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905; 68.906, 68.907
<input type="checkbox"/> HMD1005	Emergency contact not provided or current in CERS. HSC 25508.1(f); SDCC 68.904(b)
<input type="checkbox"/> HMD1007	Highly toxic gas (TLV<10 ppm) not disclosed in CERS. SDCC 68.1113(a)
<input type="checkbox"/> HMD1008	Annual carcinogen/reproductive toxin list not submitted in CERS. SDCC 68.1113(b)
<input type="checkbox"/> 1010017	HMBP not readily available to facility personnel or the CUPA. HSC 25505(c)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS ONLY

#	VIOLATION DESCRIPTION
<input type="checkbox"/> HMD0226	Did not accumulate waste in a container or tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2)
<input type="checkbox"/> 3030007	Failed to properly label/date hazardous waste container &/or tank. 22 CCR 66262.34(f)
<input type="checkbox"/> 3030010	Accumulated waste too long (>180 or 270 days) or (>90 days). HSC 25201(a), 25123.3(h)(1); 22 CCR 66262.34(d); 40 CFR 262.34(e) and/or (f)
<input type="checkbox"/> 3030013	Failed to accumulate hazardous waste in a container that is in good condition. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.171
<input type="checkbox"/> 3030015	Failed to accumulate or store hazardous waste in a lined &/or compatible container. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.172
<input type="checkbox"/> 3030017	Failed to properly close hazardous waste container(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.173
<input type="checkbox"/> 3030019	Failed to inspect hazardous waste storage area at least weekly. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.174
<input type="checkbox"/> 3030022	Failed to properly separate incompatible waste. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.177
<input type="checkbox"/> 3030030	Failed to maintain &/or operate facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.31
<input type="checkbox"/> 3030036	Failed to maintain adequate aisle space. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.35
<input type="checkbox"/> 3010022	Failed to post, next to the telephone, emergency information containing the location of emergency equipment, contact names and phone numbers. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(ii)
<input type="checkbox"/> 3020001	Failure to ensure employees are thoroughly familiar with proper waste handling and emergency procedures during normal facility operations and emergencies. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iii)
<input type="checkbox"/> 3030032	Failed to maintain the following emergency response equipment or equivalent: 1) An internal communication or alarm system; 2) A communication device, such as a telephone; 3) Portable fire extinguishers, fire/spill control equipment and decontamination equipment; and 4) Water at adequate volume and pressure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.32
<input type="checkbox"/> 3030039	Failed to have an emergency coordinator on the premises or on call, and available during an emergency. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(i)
<input type="checkbox"/> HMD0412	Failed to implement and/or coordinate emergency response measures during an emergency, spill/release. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iv)

HAZARDOUS WASTE TANK SYSTEMS FOR SQGS ONLY

#	VIOLATION DESCRIPTION
<input type="checkbox"/> 3030024	Failed to operate uncovered tank to ensure at least 2 ft. of freeboard to prevent overtopping, unless the tank is equipped with a containment structure, a drainage control system, or a diversion structure with a capacity that equals or exceeds the volume of the top 2 ft. of the tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(c)



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Hazardous Materials and Hazardous Waste (continued)

- 3030025 Failed to provide an overfill protection device on continuously fed hazardous waste tank(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(4)
- 3030027 Failed to conduct daily tank inspection of discharge control system, monitoring equipment and waste level. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(1-3), 262.34(d)(3)
- 3030028 Failed to conduct weekly hazardous waste tank inspection(s) to detect signs of leakage and ensure that the construction materials, fixtures and surrounding areas of the tank are in good condition. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(4 & 5), 262.34(d)(3)
- 3050007 Failed to properly remove all waste upon closure, decontaminate, and document the closure of a hazardous waste tank system. 22 CCR 67383.3; 40 CFR 262.34(d)(3), 265.201(f)
- HMD1612 Hazardous waste improperly stored in a tank system causing leaks, corrosion, or failure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)
- HMD1614 Failed to pre-notify the CUPA in writing prior to closing a hazardous waste tank system. 22 CCR 67383.3(a)(1)
- HMD1615 Failed to properly accumulate ignitable or reactive waste in a tank system. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(g)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS AND LQGS

RECORD KEEPING/OPERATIONAL REQUIREMENTS

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> HMD0131 | Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. SDCC 68.905 |
| <input type="checkbox"/> HMD0150 | Failed to submit complete and accurate Facility Information in CERS. 27 CCR 15188(b-c); SDCC 68.904(b) |
| <input type="checkbox"/> 3030053 | Failed to maintain waste analysis records, analytical records &/or waste determination results for at least 3 years. 22 CCR 66262.40(c) |
| <input type="checkbox"/> 3010002 | Failed to obtain &/or maintain an active EPA ID Number. 22 CCR 66262.12(a) |
| <input type="checkbox"/> 3010008 | Failed to properly complete a uniform hazardous waste manifest. 22 CCR 66262.23(a) |
| <input type="checkbox"/> 3010009 | Failed to submit an Exception Report to DTSC for hazardous waste manifest. HSC 25123.3(h)(2); 22 CCR 66262.42(b), (c), &/or (d) |
| <input type="checkbox"/> 3010010 | Failed to maintain copies of Uniform Hazardous Waste Manifest, consolidated manifest, or Bills of Lading for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a), 66262.23(a)(3) |
| <input type="checkbox"/> 3010011 | Failed to send copy of the uniform hazardous waste manifest to DTSC within 30 days of shipment. 22 CCR 66262.23(a)(4) |
| <input type="checkbox"/> 3010013 | Failed to meet the consolidated manifesting requirements for waste shipment. HSC 25160.2(b)(3) &/or (c) |
| <input type="checkbox"/> 3010014 | Failed to retain at the generator's place of business disposal records of spent lead-acid batteries for at least 3 years. 22 CCR 66266.81(a)(4)(A) &/or (B) |
| <input type="checkbox"/> 3030006 | Failed to determine if a hazardous waste is restricted or prohibited from land disposal and has to be treated. 22 CCR 66268.7(a)(1) |
| <input type="checkbox"/> 3010016 | Failure of recycler who recycles more than 100 kilograms per month of a recyclable material to submit the biennial Recyclable Materials Report (RMR) in CERS when claiming exclusion or exemption. HSC 25143.10(a), (c) &/or (d) |
| <input type="checkbox"/> HMD0149 | Failed to keep disposal receipts for drained used oil filters and/or drained fuel filters for 3 years. HSC 25250.22; 22 CCR 66266.130(c)(5) |
| <input type="checkbox"/> HMD0152 | Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2) |
| <input type="checkbox"/> HMD0140 | Failed to have Land Disposal Restriction documentation onsite for 3 years. 22 CCR 66268.7(a)(8) |
| <input type="checkbox"/> 3250005 | Failed to obtain a Treatment, Storage and Disposal Facility (TSDF) permit or authorization to store/treat/dispose of hazardous waste. HSC 25201(a) |
| <input type="checkbox"/> 3050005 | Failed to have adequate records demonstrating claim of exemption or exclusion for recyclable materials. HSC 25143.2(f) |
| <input type="checkbox"/> HMD0142 | Failed to notify the CUPA in CERS for onsite hazardous waste treatment/tiered permitting. HSC 25201(a) |
| <input type="checkbox"/> HMD0138 | Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a); HSC 25185(a)(4) |

DISPOSAL AND TRANSPORTATION

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> 3010007 | Failed to prepare a hazardous waste manifest for the transport of a waste for off-site transfer, treatment, storage, or disposal. HSC 25160(b)(1) or (2), 25160.2(b)(9); 22 CCR 66262.20(a) |
| <input type="checkbox"/> 3030005 | Failed to make a proper waste determination. 22 CCR 66262.11, 66262.40(c) |
| <input type="checkbox"/> 3050001 | Failed to use a DTSC registered hazardous waste transporter to transport hazardous waste. HSC 25163(a) |
| <input type="checkbox"/> 3050002 | Failed to properly dispose of hazardous waste at an authorized facility. HSC 25189.5(a) |
| <input type="checkbox"/> HMD0308 | Impermissible dilution of hazardous waste. 22 CCR 66268.3(a) |
| <input type="checkbox"/> HMD0305 | Disposed of used oil illegally. HSC 25250.5(a), 25189.5(a) |
| <input type="checkbox"/> HMD0306 | Failed to properly dispose of oil-based paint &/or hazardous waste latex paint liquid. HSC 25217.1, 25189.5(a) |

STORAGE AND HANDLING

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> 3030001 | Failed to meet the management requirements when handling or storing spent lead-acid batteries. 22 CCR 66266.81(a) |
| <input type="checkbox"/> 3030003 | Failed to properly manage 'damaged' spent lead acid batteries so as to minimize the release of acid and lead and to protect the handlers and the environment 22 CCR 66266.81(b) |
| <input type="checkbox"/> 3030004 | Failed to properly manage, store, label &/or recycle used oil filters &/or used fuel filters. HSC 25250.22; 22 CCR 66266.130 |
| <input type="checkbox"/> 3050004 | Generator intentionally contaminated used oil with another hazardous waste other than minimal amounts of fuel. HSC 25250.7(a), (c) |
| <input type="checkbox"/> HMD0222 | Failed to properly label Excluded Recyclable Materials (ERM) accumulated in a container or tank. HSC 25143.9(a) |
| <input type="checkbox"/> HMD0216 | Failed to label hazardous material container within 10 days after the container was discovered to be mislabeled or inadequately labeled. HSC 25124(b)(3)(A); 22 CCR 66262.34(f) |
| <input type="checkbox"/> HMD0217 | Failed to repackage and properly label damaged/deteriorated hazardous material container within 96 hours. HSC 25124(b)(3)(B); 22 CCR 66262.34(f) |
| <input type="checkbox"/> HMD0219 | Failed to properly segregate used oil &/or fuel drained from filters. HSC 25250.22(b)(4); 22 CCR 66266.130(c)(6) |
| <input type="checkbox"/> 3030057 | Failed to comply with hazardous waste satellite container regulation. 22 CCR 66262.34(e) |
| <input type="checkbox"/> HMD0023 | Failed to properly empty container, failed to manage non-empty container, or inner liner removed from a container. 22 CCR 66261.7(b), (d), (e) &/or (r) |
| <input type="checkbox"/> 3030058 | Failed to mark date on empty container larger than 5 gallons &/or manage it within one year. 22 CCR 66261.7(f) |
| <input type="checkbox"/> 3030059 | Failure of the owner or operator managing laboratory hazardous waste in a laboratory accumulation area to comply with the quantity limitations, management, training, or documentation requirements. HSC 25200.3.1(b) |



COUNTY OF SAN DIEGO COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 03/21/2018 PAGE 5 OF 5
RECORD ID #: DEH2016-HUPFP-002611

Hazardous Materials and Hazardous Waste (continued)

UNIVERSAL WASTE HANDLER REQUIREMENTS

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> 3010004	Failed to obtain a California ID Number from DTSC or federal ID Number from USEPA prior to accumulating 5,000 kgs or more of Universal Waste. 22 CCR 66273.32(a-b)
<input type="checkbox"/> HMD0151	Failed to maintain universal waste handler training records for 3 years. 22 CCR 66273.36(c),(d)
<input type="checkbox"/> 3020003	Failed to properly train handlers of universal waste in universal waste management and response procedures. 22 CCR 66273.36(a),(b)
<input type="checkbox"/> 3030008	Failed to properly label or mark Universal Waste container, package, or pallet (excluding CESQUWG) 22 CCR 66273.34
<input type="checkbox"/> 3030011	Failed to properly dispose of Universal Waste within one year. 22 CCR 66273.35(a) &/or (b)
<input type="checkbox"/> HMD0147	Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2)
<input type="checkbox"/> 3030051	Failed to meet accumulation, labeling, marking, &/or containment standards for Universal Waste aerosol containers. HSC 25201.16(f)
<input type="checkbox"/> 3040004	Failed to manage universal waste in a manner to prevent release(s) to the environment. 22 CCR 66273.33; 66273.33.5
<input type="checkbox"/> HMD0307	Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a); 22 CCR 66273.31(a), 66273.8(b)
<input type="checkbox"/> 3010005	Failure of a universal handler of electronic devices or CRTs from an offsite source to notify DTSC 30 days prior to acceptance. 22 CCR 66273.32(c)
<input type="checkbox"/> 3030055	Failure of certified appliance recycler (CAR) to properly remove and dispose of all materials that require special handling (MRSH). HSC 25211.3, 25212, 25212(c)

HM-923 (06-17)



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 07/03/2019

RECORD ID #: DEH2016-HUPFP-002611

TIME START: 11:10 AM END: 2:30 PM

SPECIALIST: Matthew Olson

INSPECTION CONTACT: Ned Messer

TITLE: Associate Director, Facilities

PHONE: 8585296600x505

E-MAIL: ned.messer@bioduro.com

FACILITY NAME: BioDuro LLC
 ADDRESS: 11011 TORREYANA RD 100
 CITY/ZIP: SAN DIEGO /92121-1104

FACILITY REFERENCE DATA

ACCELA

RECORD STATUS: Permit Renewed
 PERMIT EXPIRATION DATE: 04/30/2020
 BALANCE DUE: \$0.00
 INSPECTOR: Matthew Olson
 INSPECTION TYPE: Routine
 INSPECTION STATUS: Pending Corrective Action

CERS

EPA ID NUMBER: CAL000383582
 FACILITY CERS ID NUMBER: 10510693
 CERS LEAD USER: Greg Weilersbacher
 LAST CERS SUBMITTAL DATE: 03/21/2018
 ENVIRONMENTAL CONTACT EMAIL: carlos.flores@bioduro.com
 ENVIRONMENTAL CONTACT PHONE: 858 529 6600

FACILITY INFORMATION

INACTIVATION INSPECTION:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	HAZARDOUS MATERIALS:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
CHANGE OF OWNER:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	HAZARDOUS WASTE:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
CHANGE IN BUSINESS TYPE:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	ABOVEGROUND PETROLEUM STORAGE ACT:*	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
BUSINESS TYPE: <u>R&D/QA/QC Test Labs</u>			TOTAL SHELL CAPACITY APSA:	<u>0</u>	
ISSUE INITIAL INVOICE:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	UNDERGROUND STORAGE TANK:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
ASSESS NON-NOTIFICATION FEE:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	CALARP PROGRAM (CERS):	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
ASSESS RE-INSPECTION FEE:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	CALARP PROGRAM LEVEL:	<u>1</u>	<u>2</u>
FACILITY SUBJECT TO BASE FEE:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	MEDICAL WASTE:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
FACILITY SUBJECT TO CUPA FEE:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	MW FACILITY GENERATING OVER 200 LBS PER MONTH:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
UPDATE FACILITY ADDRESS IN AA:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	EPIC PARTICIPANT:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
BUSINESS CLOSE DATE:			NUMBER OF TLV GASES AT THE FACILITY:	<u>0</u>	

HW GENERATOR STATUS :

TIERED PERMIT LEVEL(S) :

PRIMARY BILLING CODE: Not Applicable SECONDARY BILLING CODE: Not Applicable TERTIARY BILLING CODE: Not Applicable

INSPECTION SCOPE:*

HAZARDOUS MATERIALS: HAZARDOUS WASTE:

MEDICAL WASTE: CALARP:

TIERED PERMITTING:

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT NAME: Ned Messer TITLE: Associate Director, Facilities

REMOVE BLANK CHECKLISTS FROM FINAL INSPECTION REPORT REFUSED TO SIGN

TIME ACCOUNTING (Routine) TOTAL TIME ENTERED: 3.8

Date	Time	Group	Type
07/03/2019	1	HMD Inspection	Report Writing - Record
07/03/2019	0.5	HMD Inspection	Travel Time - Record
07/03/2019	2.3	HMD Inspection	HM/HW - Record



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

FACILITY NAME: BioDuro LLC
 ADDRESS: 11011 TORREYANA RD 100
 CITY/ZIP: SAN DIEGO /92121-1104

INSPECTION DATE: 07/03/2019
 RECORD ID #: DEH2016-HUPFP-002611
 TIME START: 11:10 AM END: 2:30 PM
 SPECIALIST: Matthew Olson
 INSPECTION CONTACT: Ned Messer
 TITLE: Associate Director, Facilities
 PHONE: 8585296600x505
 E-MAIL: ned.messer@bioduro.com

INSPECTION REPORT EMAILS:

Matthew.Olson@sdcounty.ca.gov,robert@kasai-consulting.com

RECORD COMMENT:

Routine Inspection conducted on 07/03/2019



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: BioDuro LLC
 ADDRESS: 11011 TORREYANA RD 100
 CITY/ZIP: SAN DIEGO /92121-1104

INSPECTION DATE: 07/03/2019 PAGE 1 OF 6
 RECORD ID #: DEH2016-HUPFP-002611
 TIME START: 11:10 AM END: 2:30 PM
 SPECIALIST: Matthew Olson
 INSPECTION CONTACT: Ned Messer
 TITLE: Associate Director, Facilities
 PHONE: 8585296600x505
 E-MAIL: ned.messer@bioduro.com

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit Current	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contingency Plan Available <input type="checkbox"/> LQG <input checked="" type="checkbox"/> SQG
<input type="checkbox"/>	<input type="checkbox"/>	Hazardous Materials Business Plan Available	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training Records Available
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training is Adequate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Universal Waste Managed Properly
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Disposal Records Available for Review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers <input checked="" type="checkbox"/> Closed <input checked="" type="checkbox"/> Labeled
<input type="checkbox"/>	<input type="checkbox"/>	Emergency Contacts Current <input type="checkbox"/> Updated today	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers in Good Condition
<input type="checkbox"/>	<input type="checkbox"/>	Chemical Inventory/Map Current <input type="checkbox"/> Updated today			Permit Expires On <u>04/30/2020</u>

CONSENT TO CONDUCT INSPECTION GRANTED BY: Ned Messer

TITLE: Associate Director, Facilities

INTRODUCTION:

Routine

I conducted a routine Certified Unified Program Agency (CUPA) inspection on 7/3/2019 in order to verify compliance with Hazardous Materials Business Plan (HMBP) and Hazardous Waste (HW) requirements and regulations. Consent to conduct today's inspection was granted by Ned Messer, Associate Director, Facilities. Also present for today's inspection was Robert Chavez, EHS Consultant from Kasai Consulting.

This facility, BioDuro LLC, is a contract research organization (CRO), specializing in trial medication.

At the time of inspection, this facility appears to be a Small Quantity Generator (SQG) of HW (<1,000 kg generated per month).

The following reportable hazardous materials and hazardous wastes were observed on-site during the inspection:

- Compressed hydrogen
- Compressed nitrogen
- Isopropyl alcohol in water (70%)
- Isopropyl alcohol in water (90%)
- Antifreeze
- Methylene chloride
- Tetrahydrofuran (THF)
- Acetone
- Used oil
- Waste flammable liquids (solvents)
- Waste flammable liquids (THF)
- Waste hazardous solids

VIOLATION # 1

1010008 HMBP not certified annually as complete and accurate in CERS. HSC 25508(a)(1)(A), 25508.2, 19 CCR 2654(b)

Classification: Minor

Observations:



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 07/03/2019 PAGE 2 OF 6
RECORD ID #: DEH2016-HUPFP-002611

The last full HMBP submittal for this facility in the California Environmental Reporting System (CERS) was made on 3/21/2018. At the time of inspection, a CERS Access/ID Request Form was sent to grant access to Ned Messer and Robert Chavez. Per Robert Chavez, he will make a new submittal in CERS to reflect all changes.

All facilities subject to HMBP are required to recertify their HMBP on an annual basis, by way of making a full submittal in CERS. A full HMBP includes: Facility Information, Hazardous Materials Inventory, Site Map, Emergency Response Plans and Training Plans. This minor violation was corrected on-site.

Corrective Action Due By: 08/02/2019

Within 30 days, recertify your HMBP through CERS by making a full submittal as detailed above. Use the Corrective Action Form at the end of this document to notate your corrections.

VIOLATION # 2

1010006 Failed to update HMBP in CERS within 30 days of a substantial change to any portion of the HMBP, including inventory changes or facility information. HSC 25508.1(a-f); 19 CCR 2654(d); SDCC 68.904(c)(6)

Classification: Class II

Observations:

At the time of inspection, I did not observe the following hazardous materials that were reported in CERS: compressed carbon dioxide and 1,2-propanediol. Per Ned Messer, BioDuro has recently downsized and there are many hazardous materials that are being shipped away. During facility walkthrough, I observed the following hazardous materials in the hazardous waste storage area: 2 x 55 gal drum of coolant, 1 x 55 gal drum of methylene chloride, 1 x 55 gal drum of tetrahydrofuran (THF), and 1 x 55 gal drum of acetone. Per Ned Messer, all of these materials will no longer be part of BioDuro's process and will soon be shipped away.

Per Ned Messer, the individual listed as the Primary Emergency Contact in CERS, Greg Weilersbacher, is no longer with the company.

All facilities subject to HMBP are required to update their HMBP in CERS with significant changes, including inventory reductions, site map changes, and changes to emergency contacts.

Corrective Action Completed During Inspection:

At the time of inspection, Robert Chavez made a new submittal in CERS, deleting the hazardous materials that are no longer on-site, and updating emergency contacts.

INSPECTION REMARKS:

- Per Ned Messer, BioDuro is utilizing Kasai Consulting to reconstruct their employee training program, conduct refresher training for employees, and reorganize and manage their HMBP in CERS
- Per Ned Messer, BioDuro will soon be managing medical waste in the near future. **BE ADVISED:** once you begin generating medical waste, be sure to update your HMBP to account for the updated inventory. If you plan to generate 200 lbs or more of MW per month, create a Medical Waste Management Plan (MWMP) and submit in CERS.

Records reviewed during inspection:

- HMBP not current (last submittal 3/21/2018 - see Violation #1 above) and available
- Employee training records - 3 years available
- EPA ID CAL000446200 (active)
- Former EPA ID CAL000383582 (under former business name Formex LLC)
- Hazardous waste manifests/disposal records - 3 years available

DIRECT QUESTIONS AND/OR CORRESPONDENCE TO:



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

Matthew Olson
Environmental Health Specialist
 County of San Diego | Dept. of Environmental Health | Hazardous Materials Division
 P.O. Box 129261 | 5500 Overland Ave.
 San Diego, CA 92112-9261
 E-mail: Matthew.Olson@sdcounty.ca.gov
 Cell #: (858) 527-2300
 Hours: Mon-Fri 7:30AM - 4:00PM

Helpful Websites:

- For guidance documents on hazardous materials-related topics, go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS), go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations, go to: <http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails: <https://public.govdelivery.com/accounts/CASAND/subscriber/new>

If you have any questions regarding this inspection, please contact Matthew Olson, 858-527-2300, Matthew.Olson@sdcounty.ca.gov

INSPECTION PHOTOS
 None

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE Ned Messer	SIGNATURE 	DATE SIGNED 07/03/2019
TITLE OF FACILITY REPRESENTATIVE Associate Director, Facilities		

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
 Phone: (858) 505-6880 <http://www.sdcdelh.org>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT Handlers of Hazardous Materials and Small and Large Quantity Generators of Hazardous Waste

INSPECTION DATE: 07/03/2019 PAGE 4 OF 6
RECORD ID #: DEH2016-HUPFP-002611

FACILITY NAME: *BioDuro LLC

ADDRESS: * 11011 TORREYANA RD 100

CITY/ZIP: *SAN DIEGO

92121-1104

Each violation checked below is for the section(s) of the California Health and Safety Code (HSC), California Code of Regulations (CCR), or the San Diego County Code (SDCC) indicated in italics. Incorporated provisions of Title 40 of the Code of Federal regulations (CFR) are noted for reference. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. HMBP = Hazardous Materials Business Plan; CUPA = Certified Unified Program Agency; CERS = California Environmental Reporting System; SQG = Small Quantity Hazardous Waste Generator; LQG = Large Quantity Hazardous Waste Generator

HAZARDOUS MATERIALS REQUIREMENTS

#	VIOLATION DESCRIPTION
<input type="checkbox"/> 1010001	Failed to establish and implement a HMBP. HSC 25505(a) and 25507(a)
<input type="checkbox"/> 1010002	HMBP not submitted to the CUPA in CERS. HSC 25508(a)(1)(A); 27 CCR 15188(a),(b),(d)
<input type="checkbox"/> 1010003	Business Activities &/or Business Owner/Operator page not completed in CERS. 19 CCR 2652(a)(1); SDCC 68.904(b); HSC 25508(a)(1)(A)
<input type="checkbox"/> 1010004	Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508.1(a-b); 19 CCR 2654 (a) or (d)
<input type="checkbox"/> 1010005	Site map not submitted in CERS or not sufficient. HSC 25505(a)(2); 25508.1(f); 19 CCR 2652(a)(3)
2 <input checked="" type="checkbox"/> 1010006	Failed to update HMBP in CERS within 30 days of a substantial change to any portion of the HMBP, including inventory changes or facility information. HSC 25508.1(a-f); 19 CCR 2654(d); SDCC 68.904(c)(6)
1 <input checked="" type="checkbox"/> 1010008	HMBP not certified annually as complete and accurate in CERS. HSC 25508(a)(1)(A), 25508.2, 19 CCR 2654(b)
<input type="checkbox"/> 1010010	Emergency response plan and procedures to mitigate a release or threatened release not adequate, not established or not submitted in CERS. HSC 25505(a)(3), 25508(a)(1)(A); 19 CCR 2658
<input type="checkbox"/> 1010011	Failure to notify property owner in writing that the business is subject to the HMBP program. HSC 25505.1
<input type="checkbox"/> 1010012	Failure to provide a copy of HMBP to the property owner within five working days upon request from property owner. HSC 25505.1
<input type="checkbox"/> 1010014	Failure to submit emergency response plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A); 19 CCR 2670, 2671
<input type="checkbox"/> 1010015	Failure to submit employee training plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A)
<input type="checkbox"/> 1010016	HMBP not established or submitted in CERS, when not meeting the remote site exemption. HSC 25507.2 and 25508(a)(1)(A)
<input type="checkbox"/> 1020001	Employee training and/or plan for safety procedures in the event of a release or threatened release of a hazardous material not adequate, not established or not submitted in CERS. HSC 25505(a)(4), 25508(a)(1)(A); 19 CCR 2658, 2659(a)
<input type="checkbox"/> 1030001	(AWM) Failure of agricultural handler to post warning signs on buildings where pesticides, petroleum, or fertilizers are stored, that are visible from any direction of probable approach, contain all required information, and are in appropriate language. HSC 6.95 25507.1(a)(2); 19 CCR 2670, 2671
<input type="checkbox"/> 1020002	Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)
<input type="checkbox"/> 1040001	Hazardous materials release or threatened release not immediately reported to the CUPA and OES upon discovery. HSC 25510(a); 19 CCR 2631(a)
<input type="checkbox"/> HMD1001	Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905; 68.906, 68.907
<input type="checkbox"/> HMD1005	Emergency contact not provided or current in CERS. HSC 25508.1(f); SDCC 68.904(b)
<input type="checkbox"/> HMD1007	Highly toxic gas (TLV<10 ppm) not disclosed in CERS. SDCC 68.1113(a)
<input type="checkbox"/> HMD1008	Annual carcinogen/reproductive toxin list not submitted in CERS. SDCC 68.1113(b)
<input type="checkbox"/> 1010017	HMBP not readily available to facility personnel or the CUPA. HSC 25505(c)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS ONLY

#	VIOLATION DESCRIPTION
<input type="checkbox"/> HMD0226	Did not accumulate waste in a container or tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2)
<input type="checkbox"/> 3030007	Failed to properly label/date hazardous waste container &/or tank. 22 CCR 66262.34(f)
<input type="checkbox"/> 3030010	Accumulated waste too long (>180 or 270 days) or (>90 days). HSC 25201(a), 25123.3(h)(1); 22 CCR 66262.34(d); 40 CFR 262.34(e) and/or (f)
<input type="checkbox"/> 3030013	Failed to accumulate hazardous waste in a container that is in good condition. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.171
<input type="checkbox"/> 3030015	Failed to accumulate or store hazardous waste in a lined &/or compatible container. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.172
<input type="checkbox"/> 3030017	Failed to properly close hazardous waste container(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.173
<input type="checkbox"/> 3030019	Failed to inspect hazardous waste storage area at least weekly. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.174
<input type="checkbox"/> 3030022	Failed to properly separate incompatible waste. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.177
<input type="checkbox"/> 3030030	Failed to maintain &/or operate facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.31
<input type="checkbox"/> 3030036	Failed to maintain adequate aisle space. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.35
<input type="checkbox"/> 3010022	Failed to post, next to the telephone, emergency information containing the location of emergency equipment, contact names and phone numbers. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(ii)
<input type="checkbox"/> 3020001	Failure to ensure employees are thoroughly familiar with proper waste handling and emergency procedures during normal facility operations and emergencies. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iii)
<input type="checkbox"/> 3030032	Failed to maintain the following emergency response equipment or equivalent: 1) An internal communication or alarm system; 2) A communication device, such as a telephone; 3) Portable fire extinguishers, fire/spill control equipment and decontamination equipment; and 4) Water at adequate volume and pressure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.32
<input type="checkbox"/> 3030039	Failed to have an emergency coordinator on the premises or on call, and available during an emergency. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(i)
<input type="checkbox"/> HMD0412	Failed to implement and/or coordinate emergency response measures during an emergency, spill/release. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iv)

HAZARDOUS WASTE TANK SYSTEMS FOR SQGS ONLY

#	VIOLATION DESCRIPTION
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COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Hazardous Materials and Hazardous Waste (continued)

- 3030024 Failed to operate uncovered tank to ensure at least 2 ft. of freeboard to prevent overtopping, unless the tank is equipped with a containment structure, a drainage control system, or a diversion structure with a capacity that equals or exceeds the volume of the top 2 ft. of the tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(c)
- 3030025 Failed to provide an overflow protection device on continuously fed hazardous waste tank(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(4)
- 3030027 Failed to conduct daily tank inspection of discharge control system, monitoring equipment and waste level. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(1-3), 262.34(d)(3)
- 3030028 Failed to conduct weekly hazardous waste tank inspection(s) to detect signs of leakage and ensure that the construction materials, fixtures and surrounding areas of the tank are in good condition. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(4 & 5), 262.34(d)(3)
- 3050007 Failed to properly remove all waste upon closure, decontaminate, and document the closure of a hazardous waste tank system. 22 CCR 67383.3; 40 CFR 262.34(d)(3), 265.201(f)
- HMD1612 Hazardous waste improperly stored in a tank system causing leaks, corrosion, or failure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)
- HMD1614 Failed to pre-notify the CUPA in writing prior to closing a hazardous waste tank system. 22 CCR 67383.3(a)(1)
- HMD1615 Failed to properly accumulate ignitable or reactive waste in a tank system. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(g)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS AND LOGS

RECORD KEEPING/OPERATIONAL REQUIREMENTS

- # VIOLATION DESCRIPTION
- HMD0131 Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. SDCC 68.905
 - HMD0150 Failed to submit complete and accurate Facility Information in CERS. 27 CCR 15188(b-c); SDCC 68.904(b)
 - 3030053 Failed to maintain waste analysis records, analytical records &/or waste determination results for at least 3 years. 22 CCR 66262.40(c)
 - 3010002 Failed to obtain &/or maintain an active EPA ID Number. 22 CCR 66262.12(a)
 - 3010008 Failed to properly complete a uniform hazardous waste manifest. 22 CCR 66262.23(a)
 - 3010009 Failed to submit an Exception Report to DTSC for hazardous waste manifest. HSC 25123.3(h)(2); 22 CCR 66262.42(b), (c), &/or (d)
 - 3010010 Failed to maintain copies of Uniform Hazardous Waste Manifest, consolidated manifest, or Bills of Lading for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a), 66262.23(a)(3)
 - 3010011 Failed to send copy of the uniform hazardous waste manifest to DTSC within 30 days of shipment. 22 CCR 66262.23(a)(4)
 - 3010013 Failed to meet the consolidated manifesting requirements for waste shipment. HSC 25160.2(b)(3) &/or (c)
 - 3010014 Failed to retain at the generator's place of business disposal records of spent lead-acid batteries for at least 3 years. 22 CCR 66266.81(a)(4)(A) &/or (B)
 - 3030006 Failed to determine if a hazardous waste is restricted or prohibited from land disposal and has to be treated. 22 CCR 66268.7(a)(1)
 - 3010016 Failure of recycler who recycles more than 100 kilograms per month of a recyclable material to submit the biennial Recyclable Materials Report (RMR) in CERS when claiming exclusion or exemption. HSC 25143.10(a), (c) &/or (d)
 - HMD0149 Failed to keep disposal receipts for drained used oil filters and/or drained fuel filters for 3 years. HSC 25250.22; 22 CCR 66266.130(c)(5)
 - HMD0152 Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2)
 - HMD0140 Failed to have Land Disposal Restriction documentation onsite for 3 years. 22 CCR 66268.7(a)(8)
 - 3250005 Failed to obtain a Treatment, Storage and Disposal Facility (TSDF) permit or authorization to store/treat/dispose of hazardous waste. HSC 25201(a)
 - 3050005 Failed to have adequate records demonstrating claim of exemption or exclusion for recyclable materials. HSC 25143.2(f)
 - HMD0142 Failed to notify the CUPA in CERS for onsite hazardous waste treatment/tiered permitting. HSC 25201(a)
 - HMD0138 Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a); HSC 25185(a)(4)
 - 3010035 Failure to annually submit notification of generator's intent to remotely consolidate hazardous waste. HSC 25110.10(d)

DISPOSAL AND TRANSPORTATION

- # VIOLATION DESCRIPTION
- 3010007 Failed to prepare a hazardous waste manifest for the transport of a waste for off-site transfer, treatment, storage, or disposal. HSC 25160(b)(1) or (2), 25160.2(b)(9); 22 CCR 66262.20(a)
 - 3030005 Failed to make a proper waste determination. 22 CCR 66262.11, 66262.40(c)
 - 3050001 Failed to use a DTSC registered hazardous waste transporter to transport hazardous waste. HSC 25163(a)
 - 3050002 Failed to properly dispose of hazardous waste at an authorized facility. HSC 25189.5(a)
 - HMD0308 Impermissible dilution of hazardous waste. 22 CCR 66268.3(a)
 - HMD0305 Disposed of used oil illegally. HSC 25250.5(a), 25189.5(a)
 - HMD0306 Failed to properly dispose of oil-based paint &/or hazardous waste latex paint liquid. HSC 25217.1, 25189.5(a)

STORAGE AND HANDLING

- # VIOLATION DESCRIPTION
- 3030001 Failed to meet the management requirements when handling or storing spent lead-acid batteries. 22 CCR 66266.81(a)
 - 3030003 Failed to properly manage 'damaged' spent lead acid batteries so as to minimize the release of acid and lead and to protect the handlers and the environment 22 CCR 66266.81(b)
 - 3030004 Failed to properly manage, store, label &/or recycle used oil filters &/or used fuel filters. HSC 25250.22; 22 CCR 66266.130
 - 3050004 Generator intentionally contaminated used oil with another hazardous waste other than minimal amounts of fuel. HSC 25250.7(a), (c)
 - HMD0222 Failed to properly label Excluded Recyclable Materials (ERM) accumulated in a container or tank. HSC 25143.9(a)
 - HMD0216 Failed to label hazardous material container within 10 days after the container was discovered to be mislabeled or inadequately labeled. HSC 25124(b)(3)(A); 22 CCR 66262.34(f)
 - HMD0217 Failed to repackage and properly label damaged/deteriorated hazardous material container within 96 hours. HSC 25124(b)(3)(B); 22 CCR 66262.34(f)
 - HMD0219 Failed to properly segregate used oil &/or fuel drained from filters. HSC 25250.22(b)(4); 22 CCR 66266.130(c)(6)
 - 3030057 Failed to comply with hazardous waste satellite container regulation. 22 CCR 66262.34(e)
 - HMD0023 Failed to properly empty container, failed to manage non-empty container, or inner liner removed from a container. 22 CCR 66261.7(b), (d), (e) &/or (r)



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 07/03/2019 PAGE 6 OF 6
 RECORD ID #: DEH2016-HUPFP-002611

Hazardous Materials and Hazardous Waste (continued)

- 3030058 Failed to mark date on empty container larger than 5 gallons &/or manage it within one year. 22 CCR 66261.7(f)
- 3030060 Failure of the owner or operator managing laboratory hazardous waste in a laboratory accumulation area to comply with the accumulation, storage, management, training, and/or record-keeping requirements. HSC 25200.3.1(b) and/or (c)

UNIVERSAL WASTE HANDLER REQUIREMENTS

#	VIOLATION DESCRIPTION
<input type="checkbox"/> 3010004	Failed to obtain a California ID Number from DTSC or federal ID Number from USEPA prior to accumulating 5,000 kgs or more of Universal Waste. 22 CCR 66273.32(a-b)
<input type="checkbox"/> HMD0151	Failed to maintain universal waste handler training records for 3 years. 22 CCR 66273.36(c),(d)
<input type="checkbox"/> 3020003	Failed to properly train handlers of universal waste in universal waste management and response procedures. 22 CCR 66273.36(a),(b)
<input type="checkbox"/> 3030008	Failed to properly label or mark Universal Waste container, package, or pallet (excluding CESQUWG) 22 CCR 66273.34
<input type="checkbox"/> 3030011	Failed to properly dispose of Universal Waste within one year. 22 CCR 66273.35(a) &/or (b)
<input type="checkbox"/> HMD0147	Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2)
<input type="checkbox"/> 3030051	Failed to meet accumulation, labeling, marking, &/or containment standards for Universal Waste aerosol containers. HSC 25201.16(f)
<input type="checkbox"/> 3040004	Failed to manage universal waste in a manner to prevent release(s) to the environment. 22 CCR 66273.33; 66273.33.5
<input type="checkbox"/> HMD0307	Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a); 22 CCR 66273.31(a), 66273.8(b)
<input type="checkbox"/> 3010005	Failure of a universal handler of electronic devices or CRTs from an offsite source to notify DTSC 30 days prior to acceptance. 22 CCR 66273.32(c)
<input type="checkbox"/> 3010020	Failure of a universal waste handler to submit an annual report that includes all required information to DTSC by February 1 of every year . 22 CCR 66273.32(d)
<input type="checkbox"/> 3010006	Failure of the universal waste handler who sends electronic devices or CRTs to any foreign destination to notify DTSC 60 days prior to export and send a copy to the CUPA. 22 CCR 66273.40(a)(3)

CERTIFIED APPLIANCE RECYCLER REQUIREMENTS

#	VIOLATION DESCRIPTION
<input type="checkbox"/> 3010033	Failure to obtain Certified Appliance Recycler certification (CAR) from DTSC. HSC 25211.4
<input type="checkbox"/> 3010034	Failure of certified appliance recycler (CAR) to provide documentation that all materials that require special handling (MRSH) have been properly removed and managed. HSC 25211.2, 25211.3
<input type="checkbox"/> 3030055	Failure of certified appliance recycler (CAR) to properly remove and dispose of all materials that require special handling (MRSH). HSC 25211.3, 25212 (a), (b), and/or (c)

HM-923 (10-18)



COUNTY OF SAN DIEGO

CORRECTIVE ACTION FORM TO DOCUMENT RETURN TO COMPLIANCE

FACILITY NAME: BioDuro LLC
 ADDRESS: 11011 TORREYANA RD 100
 CITY/ZIP: SAN DIEGO /92121-1104

INSPECTION DATE: 07/03/2019
 RECORD ID #: DEH2016-HUPFP-002611
 SPECIALIST: Matthew Olson
 INSPECTION CONTACT: Ned Messer
 TITLE: Associate Director, Facilities
 PHONE: 8585296600x505
 E-MAIL: ned.messer@bioduro.com

VIOL#	DATE CORRECTED	INDICATE HOW VIOLATIONS WERE CORRECTED (Attach Any Supporting Documentation)	DUE DATE
#1 1010008			08/02/2019
#2 1010006	07/03/2019	Corrected during inspection	08/02/2019

I certify under penalty of law that this facility has corrected all violations marked on the Compliance Inspection Report/Notice of Violation. I have personally examined and am familiar with the information submitted and believe the information is true, accurate and complete. I am authorized to file this certification for the facility, and am aware that there are significant penalties for submitting false information.

PRINTED NAME OF FACILITY REPRESENTATIVE	SIGNATURE	DATE SIGNED
TITLE OF FACILITY REPRESENTATIVE		

SEND COMPLETED FORM AND SUPPORTING DOCUMENTATION TO THE ADDRESS LISTED BELOW

COUNTY OF SAN DIEGO USE ONLY

REVIEWED BY: _____ DATE: _____

SPECIALIST'S COMMENTS:

- All violations noted on date listed above were corrected
- Based On Information Provided By The Facility RTC entered by Specialist on: _____
- Based On Field Verification By Specialist RTC entered by Office Assistant on: _____

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
<http://www.sdcdeh.org> 858-505-6880



COUNTY OF SAN DIEGO

CORRECTIVE ACTION FORM TO DOCUMENT RETURN TO COMPLIANCE

INSPECTION DATE: 07/03/2019
RECORD ID #: DEH2016-HUPFP-002611
SPECIALIST: Matthew Olson
INSPECTION CONTACT: Ned Messer
TITLE: Associate Director, Facilities
PHONE: 8585296600x505
E-MAIL: ned.messer@bioduro.com

FACILITY NAME: **BioDuro LLC**
 ADDRESS: **11011 TORREYANA RD 100**
 CITY/ZIP: **SAN DIEGO /92121-1104**

VIOL#	DATE CORRECTED	INDICATE HOW VIOLATIONS WERE CORRECTED (Attach Any Supporting Documentation)	DUE DATE
#1 1010008	07/30/2019	HMBP certified and added Emergency Response Plans and Training Plan to CERS account	08/02/2019
#2 1010006	07/03/2019	Corrected during inspection	08/02/2019

I certify under penalty of law that this facility has corrected all violations marked on the Compliance Inspection Report/Notice of Violation. I have personally examined and am familiar with the information submitted and believe the information is true, accurate and complete. I am authorized to file this certification for the facility, and am aware that there are significant penalties for submitting false information.

PRINTED NAME OF FACILITY REPRESENTATIVE Ned Messer	SIGNATURE X <i>Ned Messer</i>	DATE SIGNED 07/30/19
TITLE OF FACILITY REPRESENTATIVE Associate Director, Facilities		

SEND COMPLETED FORM AND SUPPORTING DOCUMENTATION TO THE ADDRESS LISTED BELOW

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Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
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**SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
Annual Carcinogen and Reproductive Toxin Reporting List**

Business Name: Bioduro, LLC

Business Address: 11011 Torreyana Rd., Suite 100, San diego, CA 92121

Business Owner or Operator: Bioduro, LLC

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(PLEASE NOTE: the symbol < means less than).

Chemical Name	<1 gal.	<1 lb.	<10 gal.	<10 lbs.	<55 gal.	<500 lbs.	Trade Secret
Chloroform	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Methanol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N,N-Dimethylformamide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hydrazine Sulfate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dichloromethane	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Orange Flavor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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N,N-Dimethyl Acetamide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pyridine	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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**SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
Annual Carcinogen and Reproductive Toxin Reporting List**

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Fink, Robin

From: Robert Chavez <Robert@kasai-consulting.com>
Sent: Tuesday, March 23, 2021 6:44 PM
To: Fink, Robin
Cc: Les Winchester
Subject: Re: CERS IDs 10510693, 10806382, & 10836055 for BioDuro at 11011 Torreyana Rd

Hi Robin,

Thank you for all the information. Yes, please make the change. The only active Bioduro LLC account is CERS ID#10510693 for the facility located at 11011 Torreyana Road #100, San Diego, CA 92121. The last submittal was accepted on January 5, 2021. Please delete the other 2 CERS accounts (10806382 and 10836055). Fell free to contact me if you have any questions. Stay safe.

Thank you,

ROBERT CHÁVEZ
 EHS Consultant

M: 760-814-0148



Kasai Consulting | www.kasai-consulting.com

From: Fink, Robin <Robin.Fink@sdcounty.ca.gov>
Sent: Tuesday, March 23, 2021 12:06 PM
To: Robert Chavez <Robert@kasai-consulting.com>
Subject: CERS IDs 10510693, 10806382, & 10836055 for BioDuro at 11011 Torreyana Rd

Good afternoon Robert,

Thank you very much for speaking with me this morning. Regarding BioDuro at 11011 Torreyana Rd in San Diego, it looks like there are three CERS IDs:

	CERS ID	Facility Name	Site Address
1	10510693	BioDuro LLC	11011 TORREYANA RD #100 SAN DIEGO, CA 92121
2	10806382	BioDuro	11011 Torreyana Rd San Diego, CA 92121
3	10836055	BioDuro 2	11011 torreyana san Dieog, CA 92121

No submittals have been made for CERS IDs 10806382 and 10836055. Were they created in error/are they duplicates of CERS ID 10510693? If so, may I delete CERS IDs 10806382 and 10836055 so that only CERS ID 10510693 remains for BioDuro at the site?

Kind regards,

Robin Fink

Environmental Health Technician

County of San Diego | Department of Environmental Health and Quality | Hazardous Materials Division

Phone: 858-527-2300 | E-mail: Robin.Fink@sdcounty.ca.gov

Office location: 5500 Overland Avenue, Ste 170, San Diego, CA 92123

Mailing address: P.O. Box 129261, San Diego, CA 92112-9261

Fax: 858-505-6786

CERS Help Desk: 858-505-6990 | Permits Line: 858-505-6661

CERS website: <https://cers.calepa.ca.gov/>

HMD website: <https://www.sandiegocounty.gov/deh/hazmat/>

DEHQ website: <https://www.sandiegocounty.gov/deh/>

For local information and daily updates on COVID-19, please visit <https://www.sandiegocounty.gov/coronavirus.html>
To receive updates via text, send **COSD COVID19** to **468-311**.



Help us make sure our customers have a positive experience. Please take 60 seconds to provide us with your [feedback](#).

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County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
 HAZARDOUS MATERIALS DIVISION
 P.O. BOX 129261, SAN DIEGO, CA 92112-9261
 (858) 505-6880 FAX (858) 505-6848
<http://www.sdcdeh.org>



Medical Waste Management Plan

Facility Information	
Business Name Bioduro, LLC	Permit or Registration # DEH2016-HUPFP-002611
Type of Business SIC 2834-Pharma Prep Mfg./8731-Biotech R&D	Date 12/29/2020
Street Address 11011 Torreyana Road, Suite 100	City/ZIP San Diego / 92121
Person Responsible for implementing the Medical Waste Management Plan (MWMP)	
Name Wei Liang	
Title Oncology Study Director	Phone 1-626-321-5419
Types of Medical Wastes (MW) Generated	
Please check the box for all types of medical waste that will be generated by your facility. Also estimate the number of pounds (lbs.) that will be generated each month. Definitions are in Chapter 2 of the Medical Waste Management Act in the California Health and Safety Code (HSC) §117625-117780.	
<input checked="" type="checkbox"/> Sharps waste - a device used in a healthcare setting that has acute rigid corners, edges, or protuberances capable of cutting or piercing. (e.g., needles, syringes, blades, scalpels, root canal files, Pasteur pipettes, or broken glass) Estimated monthly amount <u>2</u> lbs	<input checked="" type="checkbox"/> Biohazardous waste – regulated medical waste, clinical waste, or biomedical waste from the medical treatment of a human or from an animal that is suspected to be infected with a pathogen that is infectious to humans. Biohazardous waste also includes: Highly Communicable waste - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases. Laboratory waste – infectious specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, biologicals, and culture media. Fluid Blood or Blood Products – recognizable fluid human blood or blood products, containers, equipment containing human blood or blood from animals Estimated monthly amount <u>220</u> lbs
<input type="checkbox"/> Non RCRA Pharmaceutical waste - a prescription or over-the-counter human or veterinary drug that is not RCRA hazardous waste nor radiological waste. Estimated monthly amount _____ lbs	<input checked="" type="checkbox"/> Liquid/Semi-liquid biohazardous waste - treated onsite by chemical disinfection and discharged to sewer.* Estimated monthly amount <u>30</u> lbs
<input type="checkbox"/> Trace Chemotherapeutic waste - waste that is contaminated through contact or contained, chemotherapeutic agents. (e.g. gloves, disposable gowns, towels, and empty IV bags with attached tubing) Estimated monthly amount _____ lbs	<input type="checkbox"/> Other (specify): Estimated monthly amount _____ lbs
<input type="checkbox"/> Pathology waste – human body parts or animal tissues suspected to be infectious to humans or have been fixed in formaldehyde or other fixative Estimated monthly amount _____ lbs	
<input type="checkbox"/> Trauma Scene waste – waste that has been removed, is to be removed, or is in the process of being removed, from a trauma scene by a trauma scene waste management practitioner. Estimated monthly amount _____ lbs	
Estimate of <u>TOTAL</u> monthly medical waste generated: <u>252</u> lbs	

*Per HSC §118215(c), for liquid or semi-liquid biohazardous laboratory waste (§117690(b)(1)(B)), the treatment method must be recognized by the NIH, the CDC, or the American Biological Safety Association. If the chemical disinfection of the medical waste causes the waste to become a hazardous waste, the waste shall be managed in accordance with the requirements of HSC Chapter 6.5 (commencing with §25100) of Division 20.

Registered Medical Waste Hauler or Common Carrier

In accordance with HSC, a generator of medical waste shall maintain on file in its office all the following:

- (1) An information document stating how the generator contains, stores, treats, and disposes of any medical waste generated through any act or process of the generator. This document satisfies this requirement.
- (2) Tracking documents or electronically archived tracking documents maintained by the facility and medical waste hauler of all untreated medical waste shipped offsite for treatment. **LQGs must maintain these records for no less than two years** HSC § 117975; **SQGs must maintain these records for no less than three years** HSC § 117943.

Documentation shall be made available to the enforcement agency onsite.

Primary Medical Waste Transporter Stericycle	CA Registration # 3400
Street Address 9855 Distribution Ave, Ste 110	City/ZIP San Diego/92121
Contact Person Service Desk	Phone # 800-783-7422

How frequently will the waste be disposed? (e.g. weekly, monthly, quarterly): **Weekly**

Will employees be transporting waste to a central facility for disposal? * Yes No

Will the facility be treating any medical waste prior to disposal to municipal trash? * Yes No

If Yes, what method of treatment will be used?

Is there a plan to properly characterize and dispose of pharmaceutical waste in accordance with DEA, RCRA, Radiological Control Law if applicable? * Yes No

*Additional regulations may apply, contact [HMD Duty Desk](#) for more information.

Decontamination Procedure

In accordance with HSC§118295 and 118300, the following decontamination procedure is to be followed in the event of a biohazardous spill or contamination, to include but not limited to the reuse of rigid containers for medical waste. Approved methods of decontamination include, but are not limited to, agitation to remove visible soil combined with one of the following procedures:

Check the appropriate box indicating which method of disinfection you will use:

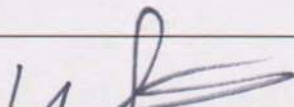
- Exposure to hot water 180°F for ≥ 15 seconds
- Rinse/Immersion in hypochlorite solution for ≥ 3 minutes (500 ppm available chlorine)
- Rinse/Immersion in phenolic solution for ≥ 3 minutes (500 ppm active agent)
- Rinse/Immersion in Iodoform solution for ≥ 3 minutes (100 ppm available iodine)
- Rinse/Immersion in Quaternary ammonium solution for ≥ 3 minutes (400 ppm available active agent)

Acknowledgement

I have read and understood, as a medical waste generator, I am required to comply with the applicable requirements in the Medical Waste Management Act found in the California Health and Safety Code, Sections 117600-118360. Yes

Self-Certification Statement

I declare under penalty of law that to the best of my knowledge and belief, the statements made herein are correct and true. I hereby consent to all necessary inspections made pursuant to the California Medical Waste Management Act and incidental to the issuance of my permit or registration and the operation of this business.

Name Wei Liang	Title Oncology Study Director
Signature 	Date 12/31/2020



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
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Medical Waste Management Plan

Facility Information	
Business Name Bioduro, LLC	Permit or Registration # DEH2016-HUPFP-002611
Type of Business SIC 2834-Pharma Prep Mfg./8731-Biotech R&D	Date 12/29/2020
Street Address 11011 Torreyana Road, Suite 100	City/ZIP San Diego / 92121
Person Responsible for implementing the Medical Waste Management Plan (MWMP)	
Name Wei Liang	
Title Oncology Study Director	Phone 1-626-321-5419
Types of Medical Wastes (MW) Generated	
Please check the box for all types of medical waste that will be generated by your facility. Also estimate the number of pounds (lbs.) that will be generated each month. Definitions are in Chapter 2 of the Medical Waste Management Act in the California Health and Safety Code (HSC) §117625-117780.	
<input checked="" type="checkbox"/> Sharps waste - a device used in a healthcare setting that has acute rigid corners, edges, or protuberances capable of cutting or piercing. (e.g., needles, syringes, blades, scalpels, root canal files, Pasteur pipettes, or broken glass) Estimated monthly amount <u>2</u> lbs	<input checked="" type="checkbox"/> Biohazardous waste – regulated medical waste, clinical waste, or biomedical waste from the medical treatment of a human or from an animal that is suspected to be infected with a pathogen that is infectious to humans. Biohazardous waste also includes: Highly Communicable waste - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases. Laboratory waste – infectious specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, biologicals, and culture media. Fluid Blood or Blood Products – recognizable fluid human blood or blood products, containers, equipment containing human blood or blood from animals Estimated monthly amount <u>220</u> lbs
<input type="checkbox"/> Non RCRA Pharmaceutical waste - a prescription or over-the-counter human or veterinary drug that is not RCRA hazardous waste nor radiological waste. Estimated monthly amount _____ lbs	<input checked="" type="checkbox"/> Liquid/Semi-liquid biohazardous waste - treated onsite by chemical disinfection and discharged to sewer.* Estimated monthly amount <u>30</u> lbs
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<input type="checkbox"/> Pathology waste – human body parts or animal tissues suspected to be infectious to humans or have been fixed in formaldehyde or other fixative Estimated monthly amount _____ lbs	
<input type="checkbox"/> Trauma Scene waste – waste that has been removed, is to be removed, or is in the process of being removed, from a trauma scene by a trauma scene waste management practitioner. Estimated monthly amount _____ lbs	
Estimate of <u>TOTAL</u> monthly medical waste generated: <u>252</u> lbs	

*Per HSC §118215(c), for liquid or semi-liquid biohazardous laboratory waste (§117690(b)(1)(B)), the treatment method must be recognized by the NIH, the CDC, or the American Biological Safety Association. If the chemical disinfection of the medical waste causes the waste to become a hazardous waste, the waste shall be managed in accordance with the requirements of HSC Chapter 6.5 (commencing with §25100) of Division 20.

Registered Medical Waste Hauler or Common Carrier

In accordance with HSC, a generator of medical waste shall maintain on file in its office all the following:

- (1) An information document stating how the generator contains, stores, treats, and disposes of any medical waste generated through any act or process of the generator. This document satisfies this requirement.
- (2) Tracking documents or electronically archived tracking documents maintained by the facility and medical waste hauler of all untreated medical waste shipped offsite for treatment. **LQGs must maintain these records for no less than two years** HSC § 117975; **SQGs must maintain these records for no less than three years** HSC § 117943.

Documentation shall be made available to the enforcement agency onsite.

Primary Medical Waste Transporter Stericycle	CA Registration # 3400
Street Address 9855 Distribution Ave, Ste 110	City/ZIP San Diego/92121
Contact Person Service Desk	Phone # 800-783-7422

How frequently will the waste be disposed? (e.g. weekly, monthly, quarterly): **Weekly**

Will employees be transporting waste to a central facility for disposal? * Yes No

Will the facility be treating any medical waste prior to disposal to municipal trash? * Yes No

If Yes, what method of treatment will be used?

Is there a plan to properly characterize and dispose of pharmaceutical waste in accordance with DEA, RCRA, Radiological Control Law if applicable? * Yes No

*Additional regulations may apply, contact [HMD Duty Desk](#) for more information.

Decontamination Procedure

In accordance with HSC§118295 and 118300, the following decontamination procedure is to be followed in the event of a biohazardous spill or contamination, to include but not limited to the reuse of rigid containers for medical waste. Approved methods of decontamination include, but are not limited to, agitation to remove visible soil combined with one of the following procedures:

Check the appropriate box indicating which method of disinfection you will use:

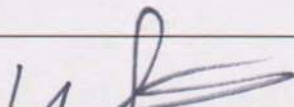
- Exposure to hot water 180°F for ≥ 15 seconds
- Rinse/Immersion in hypochlorite solution for ≥ 3 minutes (500 ppm available chlorine)
- Rinse/Immersion in phenolic solution for ≥ 3 minutes (500 ppm active agent)
- Rinse/Immersion in Iodoform solution for ≥ 3 minutes (100 ppm available iodine)
- Rinse/Immersion in Quaternary ammonium solution for ≥ 3 minutes (400 ppm available active agent)

Acknowledgement

I have read and understood, as a medical waste generator, I am required to comply with the applicable requirements in the Medical Waste Management Act found in the California Health and Safety Code, Sections 117600-118360. Yes

Self-Certification Statement

I declare under penalty of law that to the best of my knowledge and belief, the statements made herein are correct and true. I hereby consent to all necessary inspections made pursuant to the California Medical Waste Management Act and incidental to the issuance of my permit or registration and the operation of this business.

Name Wei Liang	Title Oncology Study Director
Signature 	Date 12/31/2020



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
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Medical Waste Management Plan

Facility Information

Business Name	Bioduro LLC	Permit or Registration #	DEH2016-HUPFP-002611
Type of Business	SIC2834-Pharma Prep Mfg & SIC8731-Biotech R&D	Date	05/18/2022
Street Address	11011 Torreyana Road, Suite 100	City/ZIP	San Diego / 92121

Person Responsible for implementing the Medical Waste Management Plan (MWMP)

Name	Jason Howard	Phone	831-353-4255
Title	Senior Manager, EHS		

Types of Medical Wastes (MW) Generated

Please check the box for all types of medical waste that will be generated by your facility. Also estimate the number of pounds (lbs.) that will be generated each month. Definitions are in Chapter 2 of the Medical Waste Management Act in the California Health and Safety Code (HSC) §117625-117780.

Sharps waste - a device that has acute rigid corners, edges, or protuberances capable of cutting or piercing. (e.g., needles, syringes, blades, scalpels, root canal files, Pasteur pipettes, or broken glass)

Estimated monthly amount _____ lbs

Non RCRA Pharmaceutical waste - a prescription or over-the-counter human or veterinary drug that is not RCRA hazardous waste nor radiological waste.

Estimated monthly amount 66 lbs

Trace Chemotherapeutic waste - waste that is contaminated through contact or contained, chemotherapeutic agents. (e.g. gloves, disposable gowns, towels, and empty IV bags with attached tubing)

Estimated monthly amount _____ lbs

Pathology waste - human body parts or animal tissues suspected to be infectious to humans or have been fixed in formaldehyde or other fixative

Estimated monthly amount _____ lbs

Trauma Scene waste - waste that has been removed, is to be removed, or is in the process of being removed, from a trauma scene by a trauma scene waste management practitioner.

Estimated monthly amount _____ lbs

Biohazardous waste - regulated medical waste, clinical waste, or biomedical waste from the medical treatment of a human or from an animal that is suspected to be infected with a pathogen that is infectious to humans.

Biohazardous waste also includes:

Highly Communicable waste - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases.

Laboratory waste - infectious specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, biologicals, and culture media.

Fluid Blood or Blood Products - recognizable fluid human blood or blood products, containers, equipment containing human blood or blood from animals

Estimated monthly amount _____ lbs

Liquid/Semi-liquid biohazardous waste - treated onsite by chemical disinfection and discharged to sewer.*

Estimated monthly amount _____ lbs

Other (specify):

Estimated monthly amount _____ lbs

Estimate of TOTAL monthly medical waste generated: 66 lbs

*Per HSC §118215(c), for liquid or semi-liquid biohazardous laboratory waste (§117690(b)(1)(B)), the treatment method must be recognized by the NIH, the CDC, or the American Biological Safety Association. If the chemical disinfection of the medical waste causes the waste to become a hazardous waste, the waste shall be managed in accordance with the requirements of HSC Chapter 6.5 (commencing with §25100) of Division 20.

Medical Waste Management Plan

Registered Medical Waste Hauler or Common Carrier

In accordance with HSC, a generator of medical waste shall maintain on file in its office all the following:

- (1) An information document stating how the generator contains, stores, treats, and disposes of any medical waste generated through any act or process of the generator. This document satisfies this requirement.
- (2) Tracking documents or electronically archived tracking documents maintained by the facility and medical waste hauler of all untreated medical waste shipped offsite for treatment. LQGs must maintain these records for no less than two years. HSC § 117975
- (3) Tracking documents or electronically archived tracking documents maintained by the facility and medical waste hauler of all untreated medical waste shipped offsite for treatment. SQGs with treatment must maintain these records for no less than three years HSC § 117943

Documentation shall be made available to the enforcement agency onsite.

Primary Medical Waste Transporter Ingenium	CA Registration # 4857
Street Address 2280 Micro Place	City/ZIP Escondido/92029
Contact Person Service Desk	Phone # 866-633-8253
Secondary (backup) Medical Waste Transporter	CA Registration #
Street Address	City/ZIP
Contact Person	Phone #

How frequently will the waste be disposed? (e.g. weekly, monthly, quarterly): **Within a week of generation**

Decontamination Procedure

In accordance with HSC§118295 and 118300, the following decontamination procedure is to be followed in the event of a biohazardous spill or contamination, to include but not limited to the reuse of rigid containers for medical waste. Approved methods of decontamination include, but are not limited to, agitation to remove visible soil combined with one of the following procedures:

Check the appropriate box indicating which method of disinfection you will use:

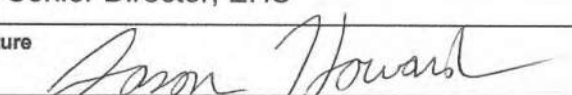
- Exposure to hot water 180°F for ≥ 15 seconds
- Rinse/Immersion in hypochlorite solution for ≥ 3 minutes
(500 ppm available chlorine)
- Rinse/Immersion in phenolic solution for ≥ 3 minutes
(500 ppm active agent)
- Rinse/Immersion in Iodoform solution for ≥ 3 minutes
(100 ppm available iodine)
- Rinse/Immersion in Quaternary ammonium solution for ≥ 3 minutes
(400 ppm available active agent)

Acknowledgement

I have read and understood, as a small quantity medical waste generator, I am required to comply with the applicable requirements in the Medical Waste Management Act found in the California Health and Safety Code, Sections 117600-118360. Yes

Self-Certification Statement

I declare under penalty of law that to the best of my knowledge and belief, the statements made herein are correct and true. I hereby consent to all necessary inspections made pursuant to the California Medical Waste Management Act and incidental to the issuance of my registration and the operation of this business.

Name Jason Howard	
Title Senior Director, EHS	
Signature 	Date 05/18/2022

**SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
Annual Carcinogen and Reproductive Toxin Reporting List**

Business Name: Bioduro, LLC

Business Address: 11011 Torreyana Rd., Suite 100, San diego, CA 92121

Business Owner or Operator: Bioduro, LLC

Please complete the following by entering the chemical name in the chemical name column and then place a check ✓ in the quantity column that most closely estimates the amount on hand. If measured by volume, check the appropriate gallon column(s). If measured by weight, check the appropriate pound column(s). If the chemical is a trade secret, you should check the trade secret box. For example, if you have one pint of benzene you would write benzene in the chemical name column and place a check ✓ in the <1-gallon column.

(PLEASE NOTE: the symbol < means less than).

Chemical Name	<1 gal.	<1 lb.	<10 gal.	<10 lbs.	<55 gal.	<500 lbs.	Trade Secret
Chloroform	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Methanol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N,N-Dimethylformamide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hydrazine Sulfate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dichloromethane	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Orange Flavor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Griseofulvin	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Talc	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Talcum Powder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hexanes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N,N-Dimethyl Acetamide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pyridine	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
Annual Carcinogen and Reproductive Toxin Reporting List**

Business Name: Bioduro, LLC

Business Address: 11011 Torreyana Rd., Suite 100, San diego, CA 92121

Business Owner or Operator: Bioduro, LLC

Please complete the following by entering the chemical name in the chemical name column and then place a check ✓ in the quantity column that most closely estimates the amount on hand. If measured by volume, check the appropriate gallon column(s). If measured by weight, check the appropriate pound column(s). If the chemical is a trade secret, you should check the trade secret box. For example, if you have one pint of benzene you would write benzene in the chemical name column and place a check ✓ in the <1-gallon column.

(PLEASE NOTE: the symbol < means less than).

Chemical Name	<1 gal.	<1 lb.	<10 gal.	<10 lbs.	<55 gal.	<500 lbs.	Trade Secret
Chloroform	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Methanol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N,N-Dimethylformamide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hydrazine Sulfate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dichloromethane	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Orange Flavor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Griseofulvin	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Talc	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Talcum Powder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hexanes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N,N-Dimethyl Acetamide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pyridine	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6880 FAX (858) 505-6848
<http://www.sdcdeh.org>



Medical Waste Management Plan

Facility Information

Business Name	Bioduro LLC	Permit or Registration #	DEH2016-HUPFP-002611
Type of Business	SIC2834-Pharma Prep Mfg & SIC8731-Biotech R&D	Date	05/18/2022
Street Address	11011 Torreyana Road, Suite 100	City/ZIP	San Diego / 92121

Person Responsible for implementing the Medical Waste Management Plan (MWMP)

Name	Jason Howard	Phone	831-353-4255
Title	Senior Manager, EHS		

Types of Medical Wastes (MW) Generated

Please check the box for all types of medical waste that will be generated by your facility. Also estimate the number of pounds (lbs.) that will be generated each month. Definitions are in Chapter 2 of the Medical Waste Management Act in the California Health and Safety Code (HSC) §117625-117780.

Sharps waste - a device that has acute rigid corners, edges, or protuberances capable of cutting or piercing. (e.g., needles, syringes, blades, scalpels, root canal files, Pasteur pipettes, or broken glass)

Estimated monthly amount _____ lbs

Non RCRA Pharmaceutical waste - a prescription or over-the-counter human or veterinary drug that is not RCRA hazardous waste nor radiological waste.

Estimated monthly amount 66 lbs

Trace Chemotherapeutic waste - waste that is contaminated through contact or contained, chemotherapeutic agents. (e.g. gloves, disposable gowns, towels, and empty IV bags with attached tubing)

Estimated monthly amount _____ lbs

Pathology waste - human body parts or animal tissues suspected to be infectious to humans or have been fixed in formaldehyde or other fixative

Estimated monthly amount _____ lbs

Trauma Scene waste - waste that has been removed, is to be removed, or is in the process of being removed, from a trauma scene by a trauma scene waste management practitioner.

Estimated monthly amount _____ lbs

Biohazardous waste - regulated medical waste, clinical waste, or biomedical waste from the medical treatment of a human or from an animal that is suspected to be infected with a pathogen that is infectious to humans.

Biohazardous waste also includes:

Highly Communicable waste - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases.

Laboratory waste - infectious specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, biologicals, and culture media.

Fluid Blood or Blood Products - recognizable fluid human blood or blood products, containers, equipment containing human blood or blood from animals

Estimated monthly amount _____ lbs

Liquid/Semi-liquid biohazardous waste - treated onsite by chemical disinfection and discharged to sewer.*

Estimated monthly amount _____ lbs

Other (specify):

Estimated monthly amount _____ lbs

Estimate of TOTAL monthly medical waste generated: 66 lbs

*Per HSC §118215(c), for liquid or semi-liquid biohazardous laboratory waste (§117690(b)(1)(B)), the treatment method must be recognized by the NIH, the CDC, or the American Biological Safety Association. If the chemical disinfection of the medical waste causes the waste to become a hazardous waste, the waste shall be managed in accordance with the requirements of HSC Chapter 6.5 (commencing with §25100) of Division 20.

Medical Waste Management Plan

Registered Medical Waste Hauler or Common Carrier

In accordance with HSC, a generator of medical waste shall maintain on file in its office all the following:

- (1) An information document stating how the generator contains, stores, treats, and disposes of any medical waste generated through any act or process of the generator. This document satisfies this requirement.
- (2) Tracking documents or electronically archived tracking documents maintained by the facility and medical waste hauler of all untreated medical waste shipped offsite for treatment. LQGs must maintain these records for no less than two years. HSC § 117975
- (3) Tracking documents or electronically archived tracking documents maintained by the facility and medical waste hauler of all untreated medical waste shipped offsite for treatment. SQGs with treatment must maintain these records for no less than three years HSC § 117943

Documentation shall be made available to the enforcement agency onsite.

Primary Medical Waste Transporter Ingenium	CA Registration # 4857
Street Address 2280 Micro Place	City/ZIP Escondido/92029
Contact Person Service Desk	Phone # 866-633-8253
Secondary (backup) Medical Waste Transporter	CA Registration #
Street Address	City/ZIP
Contact Person	Phone #

How frequently will the waste be disposed? (e.g. weekly, monthly, quarterly): **Within a week of generation**

Decontamination Procedure

In accordance with HSC§118295 and 118300, the following decontamination procedure is to be followed in the event of a biohazardous spill or contamination, to include but not limited to the reuse of rigid containers for medical waste. Approved methods of decontamination include, but are not limited to, agitation to remove visible soil combined with one of the following procedures:

Check the appropriate box indicating which method of disinfection you will use:

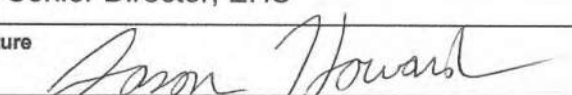
- Exposure to hot water 180°F for ≥ 15 seconds
- Rinse/Immersion in hypochlorite solution for ≥ 3 minutes
(500 ppm available chlorine)
- Rinse/Immersion in phenolic solution for ≥ 3 minutes
(500 ppm active agent)
- Rinse/Immersion in Iodoform solution for ≥ 3 minutes
(100 ppm available iodine)
- Rinse/Immersion in Quaternary ammonium solution for ≥ 3 minutes
(400 ppm available active agent)

Acknowledgement

I have read and understood, as a small quantity medical waste generator, I am required to comply with the applicable requirements in the Medical Waste Management Act found in the California Health and Safety Code, Sections 117600-118360. Yes

Self-Certification Statement

I declare under penalty of law that to the best of my knowledge and belief, the statements made herein are correct and true. I hereby consent to all necessary inspections made pursuant to the California Medical Waste Management Act and incidental to the issuance of my registration and the operation of this business.

Name Jason Howard	
Title Senior Director, EHS	
Signature 	Date 05/18/2022



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: BioDuro LLC
 ADDRESS: 11011 TORREYANA RD 100
 CITY/ZIP: SAN DIEGO /92121-1104

INSPECTION DATE: 07/25/2022 PAGE 1 OF 7
 RECORD ID #: DEH2016-HUPFP-002611
 TIME START: 10:00 AM END: 12:00 PM
 SPECIALIST: Alison Anzaldua
 INSPECTION CONTACT: Les Winchester
 TITLE: Director of Facilities
 PHONE: (650) 787-5643
 E-MAIL: les.winchester@bioduro-sundia.com

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

<input checked="" type="checkbox"/> Unified Program Facility Permit Current	<input checked="" type="checkbox"/> Contingency Plan Available	<input checked="" type="checkbox"/> LQG	<input type="checkbox"/> SQG
<input checked="" type="checkbox"/> Hazardous Materials Business Plan Available	<input checked="" type="checkbox"/> Employee Training Records Available		
<input checked="" type="checkbox"/> Employee Training is Adequate	<input checked="" type="checkbox"/> Universal Waste Managed Properly		
<input checked="" type="checkbox"/> Waste Disposal Records Available for Review	<input checked="" type="checkbox"/> Waste Containers	<input checked="" type="checkbox"/> Closed	<input checked="" type="checkbox"/> Labeled
<input checked="" type="checkbox"/> Emergency Contacts Current	<input type="checkbox"/> Updated today	<input checked="" type="checkbox"/> Waste Containers in Good Condition	
<input checked="" type="checkbox"/> Chemical Inventory/Map Current	<input type="checkbox"/> Updated today	Permit Expires On	<u>04/30/2023</u>

CONSENT TO CONDUCT INSPECTION GRANTED BY: Les Winchester

TITLE: Director of Facilities

INTRODUCTION:

Routine Inspection

On 7/25/22, I conducted a routine inspection at BioDuro LLC to verify compliance with Hazardous Materials Business Plan (HMBP) and Hazardous Waste (HW) requirements. The inspection was conducted with Les Winchester, Director of Facilities, who granted consent to conduct the inspection and review documents. Also present for the inspection was Jake Gross, Engineering Manager; Eugene Hotta, Senior EHS Technician (Kasai Consulting); and Martin Skipper, Manager of Technical Services (Kasai Consulting).

This facility produces pharmaceuticals.

Based on observations and documents reviewed, BioDuro LLC is subject to the following programs:

- Hazardous Materials Business Plan (HMBP) requirements for handling and storing reportable amounts (55 gallons, 500 pounds, or 200 cubic feet) of Hazardous Materials (HM).
- Hazardous Waste generator requirements as a Large Quantity Generator (LQG) of hazardous waste (≥ 1000 kg/mo; ≥ 270 gal/mo; $\geq 2,200$ lbs/mo; or ≥ 1 kg/mo of acutely hazardous waste).

This Facility's Hazardous Materials Inventory was verified during on-site inspection, in comparison to the facility's California Environmental Reporting System (CERS) submittal on 6/10/22.

INSPECTION REMARKS:

HW Remarks

- The EPA ID # (CAD981583479) for this facility is Active.
- This facility's hazardous waste hauler is Ingenium.
- Waste manifests were available and reviewed for the last three years.
- Per documents reviewed, waste pick ups occur approximately twice monthly.

Additional Remarks:

- Due to current Public Health Orders and COVID-19 restrictions a signature was not obtained.
- The contents of this report were discussed with Les Winchester prior to issuance.



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

Helpful Websites:

- For guidance documents on hazardous materials-related topics, go to: https://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS), go to: https://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations, go to: <https://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails: <https://public.govdelivery.com/accounts/CASAND/subscriber/new>

If you have any questions regarding this inspection, please contact Alison Anzaldua, (619) 372-7558, alison.anzaldua@sdcounty.ca.gov

INSPECTION PHOTOS

None

INSPECTION ATTACHMENTS

None

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: https://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE	SIGNATURE	DATE SIGNED
N/A		
TITLE OF FACILITY REPRESENTATIVE		
N/A		

Department of Environmental Health and Quality, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (858) 505-6880 <http://www.sdcdehq.org>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT Handlers of Hazardous Materials and Small and Large Quantity Generators of Hazardous Waste

INSPECTION DATE: 07/25/2022 PAGE 3 OF 7
RECORD ID #: DEH2016-HUPFP-002611

FACILITY NAME: *BioDuro LLC

ADDRESS: * 11011 TORREYANA RD 100 CITY/ZIP: *SAN DIEGO 92121-1104

Each violation checked below is for the section(s) of the California Health and Safety Code (HSC), California Code of Regulations (CCR), or the San Diego County Code (SDCC) indicated in italics. Incorporated provisions of Title 40 of the Code of Federal regulations (CFR) are noted for reference. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. HMBP = Hazardous Materials Business Plan; CUPA = Certified Unified Program Agency; CERS = California Environmental Reporting System; SQG = Small Quantity Hazardous Waste Generator; LQG = Large Quantity Hazardous Waste Generator

HAZARDOUS MATERIALS REQUIREMENTS

#	VIOLATION DESCRIPTION
<input type="checkbox"/> 1010001	Failed to establish and implement a HMBP. HSC 25505(a) and 25507(a)
<input type="checkbox"/> 1010002	HMBP not submitted in CERS within the required timeframe. HSC 25508(a)(1); 27 CCR 15188(a),(b),(d)
<input type="checkbox"/> 1010003	Business activities &/or Business Owner/Operator page not complete or accurate in CERS. 19 CCR 2652(a)(1); SDCC 68.904(b); HSC 25508(a)(1), 25508(a)(3)
<input type="checkbox"/> 1010004	Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508.1(a-b); 19 CCR 2654 (a) or (d)
<input type="checkbox"/> 1010005	Site map not submitted in CERS or not sufficient. HSC 25505(a)(2); 25508.1(f); 19 CCR 2652(a)(3)
<input type="checkbox"/> 1010006	Failed to update HMBP in CERS within 30 days of a substantial change to any portion of the HMBP, including inventory changes or facility information. HSC 25508.1(a-f); 19 CCR 2654(d); SDCC 68.904(c)(6)
<input type="checkbox"/> 1010008	HMBP not certified as complete and accurate in CERS by the required due date. HSC 25508.2, 19 CCR 2654(b)
<input type="checkbox"/> 1010010	Emergency response plan and procedures to mitigate a release or threatened release not adequate, not established or not submitted in CERS. HSC 25505(a)(3), 25508(a)(1), 25508(a)(3); 19 CCR 2658
<input type="checkbox"/> 1010011	Failure to notify property owner in writing that the business is subject to the HMBP program. HSC 25505.1
<input type="checkbox"/> 1010012	Failure to provide a copy of HMBP to the property owner within five working days upon request from property owner. HSC 25505.1
<input type="checkbox"/> 1010014	Failure to submit emergency response plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1); 19 CCR 2670, 2671
<input type="checkbox"/> 1010015	Failure to submit employee training plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)
<input type="checkbox"/> 1010016	HMBP not established or submitted in CERS, when not meeting the remote site exemption. HSC 25507.2 and 25508(a)(1)
<input type="checkbox"/> 1020001	Employee training and/or plan for safety procedures in the event of a release or threatened release of a hazardous material not adequate, not established or not submitted in CERS. HSC 25505(a)(4), 25508(a)(1), 25508(a)(3); 19 CCR 2659(a)
<input type="checkbox"/> 1030001	(AWM) Failure of agricultural handler to post warning signs on buildings where pesticides, petroleum, or fertilizers are stored, that are visible from any direction of probable approach, contain all required information, and are in appropriate language. HSC 6.95 25507.1(a)(2); 19 CCR 2670, 2671
<input type="checkbox"/> 1020002	Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)
<input type="checkbox"/> 1040001	Hazardous materials release or threatened release not immediately reported to the CUPA and OES upon discovery. HSC 25510(a); 19 CCR 2631(a)
<input type="checkbox"/> HMD1001	Unified Program Facility permit not obtained for hazardous materials. SDCC 68.904; 68.905; 68.906, 68.907; 68.907.1
<input type="checkbox"/> HMD1005	Emergency contact not provided or current in CERS. HSC 25508.1(f); SDCC 68.904(b)
<input type="checkbox"/> HMD1007	Highly toxic gas (TLV<10 ppm) not disclosed in CERS. SDCC 68.1113(a)
<input type="checkbox"/> 1010017	HMBP not readily available to facility personnel or the CUPA. HSC 25505(c)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS ONLY

#	VIOLATION DESCRIPTION
<input type="checkbox"/> HMD0226	Did not accumulate waste in a container or tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2)
<input type="checkbox"/> 3030007	Failed to properly label/date hazardous waste container &/or tank. 22 CCR 66262.34(f)
<input type="checkbox"/> 3030010	Failed to properly dispose of hazardous waste within 180 days (or 270 days if waste is transported over 200 miles). 22 CCR 66262.34(d); HSC 6.5 25123.3(h)(1)
<input type="checkbox"/> 3030013	Failed to accumulate hazardous waste in a container that is in good condition. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.171
<input type="checkbox"/> 3030015	Failed to accumulate or store hazardous waste in a lined &/or compatible container. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.172
<input type="checkbox"/> 3030017	Failed to properly close hazardous waste container(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.173
<input type="checkbox"/> 3030019	Failed to inspect hazardous waste storage area at least weekly. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.174
<input type="checkbox"/> 3030022	Failed to properly separate incompatible waste. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.177
<input type="checkbox"/> 3030030	Failed to maintain &/or operate facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.31
<input type="checkbox"/> 3030036	Failed to maintain adequate aisle space. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.35
<input type="checkbox"/> 3010022	Failed to post, next to the telephone, emergency information containing the location of emergency equipment, contact names and phone numbers. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(ii)
<input type="checkbox"/> 3020001	Failure to ensure employees are thoroughly familiar with proper waste handling and emergency procedures during normal facility operations and emergencies. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iii)
<input type="checkbox"/> 3030032	Failed to maintain the following emergency response equipment or equivalent: 1) An internal communication or alarm system; 2) A communication device, such as a telephone; 3) Portable fire extinguishers, fire/spill control equipment and decontamination equipment; and 4) Water at adequate volume and pressure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.32
<input type="checkbox"/> 3030039	Failed to have an emergency coordinator on the premises or on call, and available during an emergency. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(i)
<input type="checkbox"/> HMD0412	Failed to implement and/or coordinate emergency response measures during an emergency, spill/release. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iv)
<input type="checkbox"/> 3010030	Failed to submit an Exception Report to DTSC for hazardous waste manifest. HSC 25123.3(h)(2); 22 CCR 66262.42(a), (c-d)

HAZARDOUS WASTE TANK SYSTEMS FOR SQGS ONLY

#	VIOLATION DESCRIPTION
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COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Hazardous Materials and Hazardous Waste (continued)

- 3030024 Failed to operate uncovered tank to ensure at least 2 ft. of freeboard to prevent overtopping, unless the tank is equipped with a containment structure, a drainage control system, or a diversion structure with a capacity that equals or exceeds the volume of the top 2 ft. of the tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(c)
- 3030025 Failed to provide an overflow protection device on continuously fed hazardous waste tank(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(4)
- 3030027 Failed to conduct daily tank inspection of discharge control system, monitoring equipment and waste level. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(1-3), 262.34(d)(3)
- 3030028 Failed to conduct weekly hazardous waste tank inspection(s) to detect signs of leakage and ensure that the construction materials, fixtures and surrounding areas of the tank are in good condition. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(4 & 5), 262.34(d)(3)
- 3050007 Failed to properly remove all waste upon closure, decontaminate, and document the closure of a hazardous waste tank system. 22 CCR 67383.3; 40 CFR 262.34(d)(3), 265.201(f)
- HMD1612 Hazardous waste improperly stored in a tank system causing leaks, corrosion, or failure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)
- HMD1614 Failed to pre-notify the CUPA in writing prior to closing a hazardous waste tank system. 22 CCR 67383.3(a)(1)
- HMD1615 Failed to properly accumulate ignitable or reactive waste in a tank system. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(g)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS AND LOGS

RECORD KEEPING/OPERATIONAL REQUIREMENTS

- | # | <u>VIOLATION DESCRIPTION</u> |
|--------------------------|--|
| <input type="checkbox"/> | HMD0131 Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. SDCC 68.904; 68.905; 68.907.1 |
| <input type="checkbox"/> | HMD0150 Failed to submit complete and accurate Facility Information in CERS. 27 CCR 15188(b-c); SDCC 68.904(b) |
| <input type="checkbox"/> | 3030053 Failed to maintain waste analysis records, analytical records &/or waste determination results for at least 3 years. 22 CCR 66262.40(c) |
| <input type="checkbox"/> | 3010002 Failed to obtain &/or maintain an active EPA ID Number. 22 CCR 66262.12(a) |
| <input type="checkbox"/> | 3010008 Failed to properly complete a uniform hazardous waste manifest. 22 CCR 66262.23(a) |
| <input type="checkbox"/> | 3010009 Failed to submit an Exception Report to DTSC for hazardous waste manifest. HSC 25123.3(h)(2); 22 CCR 66262.42(b), (c), &/or (d) |
| <input type="checkbox"/> | 3010010 Failed to maintain copies of Uniform Hazardous Waste Manifest, consolidated manifest, or Bills of Lading for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a), 66262.23(a)(3) |
| <input type="checkbox"/> | 3010011 Failed to send a copy of the uniform hazardous waste manifest that originated in paper form to DTSC within 30 days of shipment. 22 CCR 66262.23(a)(4); HSC 25160(b)(1)(c) |
| <input type="checkbox"/> | 3010013 Failed to meet the consolidated manifesting requirements for waste shipment. HSC 25160.2(b)(3) &/or (c) |
| <input type="checkbox"/> | 3010014 Failed to retain at the generator's place of business disposal records of spent lead-acid batteries for at least 3 years. 22 CCR 66266.81(a)(4)(A) &/or (B) |
| <input type="checkbox"/> | 3030006 Failed to determine if a hazardous waste is restricted or prohibited from land disposal and has to be treated. 22 CCR 66268.7(a)(1) |
| <input type="checkbox"/> | 3010016 Failure of recycler who recycles more than 100 kilograms per month of a recyclable material to submit the biennial Recyclable Materials Report (RMR) in CERS when claiming exclusion or exemption. HSC 25143.10(a), (c) &/or (d) |
| <input type="checkbox"/> | HMD0149 Failed to keep disposal receipts for drained used oil filters and/or drained fuel filters for 3 years. HSC 25250.22; 22 CCR 66266.130(c)(5) |
| <input type="checkbox"/> | HMD0152 Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2) |
| <input type="checkbox"/> | HMD0140 Failed to have Land Disposal Restriction documentation onsite for 3 years. 22 CCR 66268.7(a)(8) |
| <input type="checkbox"/> | 3250005 Failed to obtain a Treatment, Storage and Disposal Facility (TSDF) permit or authorization to store/treat/dispose of hazardous waste. HSC 25201(a) |
| <input type="checkbox"/> | 3050005 Failed to properly manage a recyclable material. HSC 25143.2, 25143.9 |
| <input type="checkbox"/> | HMD0142 Failed to notify the CUPA in CERS for onsite hazardous waste treatment/tiered permitting. HSC 25201(a) |
| <input type="checkbox"/> | HMD0138 Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a); HSC 25185(a)(4) |
| <input type="checkbox"/> | 3010035 Failure to annually submit notification of generator's intent to remotely consolidate hazardous waste. HSC 25110.10(d) |
| <input type="checkbox"/> | 3010037 Failure to notify the CUPA of aerosol can processing procedures prior to commencement of operations. HSC 25201.16(j) |

DISPOSAL AND TRANSPORTATION

- | # | <u>VIOLATION DESCRIPTION</u> |
|--------------------------|---|
| <input type="checkbox"/> | 3010007 Failed to prepare a hazardous waste manifest for the transport of a waste for off-site transfer, treatment, storage, or disposal. HSC 25160(b)(1) or (2), 25160.2(b)(9); 22 CCR 66262.20(a) |
| <input type="checkbox"/> | 3030005 Failed to make a proper waste determination. 22 CCR 66262.11, 66262.40(c) |
| <input type="checkbox"/> | 3050001 Failed to use a DTSC registered hazardous waste transporter to transport hazardous waste. HSC 25163(a) |
| <input type="checkbox"/> | 3050002 Failed to properly dispose of hazardous waste at an authorized facility. HSC 25189.5(a) |
| <input type="checkbox"/> | HMD0308 Impermissible dilution of hazardous waste. 22 CCR 66268.3(a) |
| <input type="checkbox"/> | HMD0305 Disposed of used oil illegally. HSC 25250.5(a), 25189.5(a) |
| <input type="checkbox"/> | HMD0306 Failed to properly dispose of oil-based paint &/or hazardous waste latex paint liquid. HSC 25217.1, 25189.5(a) |

STORAGE AND HANDLING

- | # | <u>VIOLATION DESCRIPTION</u> |
|--------------------------|---|
| <input type="checkbox"/> | 3030001 Failed to meet the management requirements when handling or storing spent lead-acid batteries. 22 CCR 66266.81(a) |
| <input type="checkbox"/> | 3030003 Failed to properly manage 'damaged' spent lead acid batteries so as to minimize the release of acid and lead and to protect the handlers and the environment 22 CCR 66266.81(b) |
| <input type="checkbox"/> | 3030012 (RCRA LQG) Failed to properly dispose of hazardous waste within 90 days. 22 CCR 66262.34(a), (c); HSC 6.5 25123.3(b)(1) |
| <input type="checkbox"/> | 3030004 Failure to properly manage used oil filters and/or fuel filters in accordance with the requirements. HSC 25250.22; 22 CCR 66266.130 |
| <input type="checkbox"/> | 3050004 Failure to prevent intentional contamination of used oil with other hazardous waste other than minimal amounts of vehicle fuel. HSC 25250.7(a) |
| <input type="checkbox"/> | HMD0222 Failed to properly label Excluded Recyclable Materials (ERM) accumulated in a container or tank. HSC 25143.9(a) |
| <input type="checkbox"/> | HMD0216 Failed to label hazardous material container within 10 days after the container was discovered to be mislabeled or inadequately labeled. HSC 25124(b)(3)(A); 22 CCR 66262.34(f) |
| <input type="checkbox"/> | HMD0217 Failed to repackage and properly label damaged/deteriorated hazardous material container within 96 hours. HSC 25124(b)(3)(B); 22 CCR 66262.34(f) |
| <input type="checkbox"/> | HMD0219 Failed to properly segregate used oil &/or fuel drained from filters. HSC 25250.22(b)(4); 22 CCR 66266.130(c)(6) |



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 07/25/2022 PAGE 5 OF 7
 RECORD ID #: DEH2016-HUPFP-002611

Hazardous Materials and Hazardous Waste (continued)

- 3030057 Failed to comply with hazardous waste satellite container regulation. 22 CCR 66262.34(e)
- 3030058 Failed to mark date on empty container larger than 5 gallons &/or properly manage it within one year. 22 CCR 66261.7
- 3030060 Failure of the owner or operator managing laboratory hazardous waste in a laboratory accumulation area to comply with the accumulation, storage, management, training, and/or record-keeping requirements. HSC 25200.3.1(b) and/or (c)

UNIVERSAL WASTE HANDLER REQUIREMENTS

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> 3010004 | Failed to obtain a California ID Number from DTSC or federal ID Number from USEPA prior to accumulating 5,000 kgs or more of Universal Waste. 22 CCR 66273.32(a-b) |
| <input type="checkbox"/> HMD0151 | Failed to maintain universal waste handler training records for 3 years. 22 CCR 66273.36(c),(d) |
| <input type="checkbox"/> 3020003 | Failed to properly train handlers of universal waste in universal waste management and response procedures. 22 CCR 66273.36(a),(b) |
| <input type="checkbox"/> 3030008 | Failed to properly label or mark Universal Waste container, package, or pallet (excluding CESQUWG) 22 CCR 66273.34 |
| <input type="checkbox"/> 3030011 | Failed to properly dispose of Universal Waste within one year. 22 CCR 66273.35(a) &/or (b) |
| <input type="checkbox"/> HMD0147 | Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2) |
| <input type="checkbox"/> 3030051 | Failed to meet accumulation, labeling, marking, &/or containment standards for Universal Waste aerosol containers. HSC 25201.16(f) |
| <input type="checkbox"/> 3040004 | Failed to manage universal waste in a manner to prevent release(s) to the environment. 22 CCR 66273.33; 66273.33.5, 66273.33.6 |
| <input type="checkbox"/> HMD0307 | Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a); 22 CCR 66273.31(a), 66273.8(b) |
| <input type="checkbox"/> 3010005 | Failure of a universal handler of PV modules, electronic devices, and/or CRTs from an offsite source to notify DTSC 30 days prior to acceptance. 22 CCR 66273.32(c), (e) |
| <input type="checkbox"/> 3010020 | Failure of a universal waste handler to submit an annual report that includes all required information to DTSC by February 1 of every year. 22 CCR 66273.32(d), (f) |
| <input type="checkbox"/> 3010006 | Failure of the universal waste handler who sends electronic devices or CRTs to any foreign destination to notify DTSC 60 days prior to export and send a copy to the CUPA. 22 CCR 66273.40(a)(2),(3) |
| <input type="checkbox"/> 3110030 | Failed to notify the CUPA of aerosol processing procedures prior to commencement of operations. HSC 25201.16(j) |

CERTIFIED APPLIANCE RECYCLER REQUIREMENTS

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> 3010033 | Failure to obtain Certified Appliance Recycler certification (CAR) from DTSC. HSC 25211.4 |
| <input type="checkbox"/> 3010034 | Failure of certified appliance recycler (CAR) to provide documentation that all materials that require special handling (MRSH) have been properly removed and managed. HSC 25211.2, 25211.3 |
| <input type="checkbox"/> 3030055 | Failure of certified appliance recycler (CAR) to properly remove and dispose of all materials that require special handling (MRSH). HSC 25212 |

HM-923 (08-21)



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Handlers of Hazardous Materials and Small and Large Quantity Generators of Hazardous Waste

Each violation checked below is for the section(s) of the California Health and Safety Code (HSC), California Code of Regulations (CCR), or the San Diego County Code (SDCC) indicated in italics. Incorporated provisions of Title 40 of the Code of Federal regulations (CFR) are noted for reference. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. HMBP = Hazardous Materials Business Plan; CUPA = Certified Unified Program Agency; CERS = California Environmental Reporting System; SQG = Small Quantity Hazardous Waste Generator; LQG = Large Quantity Hazardous Waste Generator

HAZARDOUS WASTE REQUIREMENTS FOR LQGS ONLY

RECORDKEEPING/OPERATIONAL REQUIREMENTS

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> 3110008 | Failed to prepare every four years a source reduction evaluation review and plan. 22 CCR 67100.4(a), HSC 25244.19(a) |
| <input type="checkbox"/> 3110009 | Failed to prepare a summary progress report every four years. 22 CCR 67100.9(a) |
| <input type="checkbox"/> 3110010 | Failed to complete a hazwaste management performance report and/or maintain for review. HSC 25244.20(a), 25244.21(a); 22 CCR 67100.3(a) |
| <input type="checkbox"/> 3110007 | (RCRA LQG) Failed to complete the Biennial Report by March 1st on even numbered year and maintain a copy for 3 years. 22 CCR 66262.40(b), 66262.41(b) |
| <input type="checkbox"/> 3010009 | Failed to submit an Exception Report to DTSC for hazardous waste manifest. HSC 25160(b)(3); 22 CCR 66262.42(b), (c), &/or (d) |

STORAGE AND HANDLING

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> 3130003 | Failed to properly label/date hazardous waste container or portable tank. 22 CCR 66262.34(f), 66262.34(a)(2), 66262.34(a)(3) |
| <input type="checkbox"/> 3030012 | (RCRA LQG) Failed to properly dispose of hazardous waste within 90 days. 22 CCR 12 66262.34(a), (c); HSC 6.5 25123.3(b)(1) |
| <input type="checkbox"/> 3130004 | Accumulated hazardous waste more than 90 days without a DTSC storage permit. HSC 25123.3(b)(1); 22 CCR 66262.34(a) and (c) |
| <input type="checkbox"/> 3130005 | Failed to transfer waste from a container that is in poor condition to another container that is in a good condition. 22 CCR 66265.171 |
| <input type="checkbox"/> 3130006 | Failed to accumulate hazardous waste in a lined or compatible container. 22 CCR 66265.172 |
| <input type="checkbox"/> 3130007 | Failed to keep a hazardous waste container or portable tank closed. 22 CCR 66265.173(a) |
| <input type="checkbox"/> 3130008 | Failed to inspect hazardous waste storage area(s) at least weekly. 22 CCR 66265.174 |
| <input type="checkbox"/> 3130009 | Failed to keep reactive and/or ignitable waste at least 50 ft. from the property line. 22 CCR 66265.176 |
| <input type="checkbox"/> 3130010 | Failed to properly separate incompatible waste. 22 CCR 66265.17(b), 66265.177 |
| <input type="checkbox"/> 3130013 | Facility failed to maintain and/or operate to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment. 22 CCR 66265.31 |
| <input type="checkbox"/> HMD0235 | Generator did not accumulate hazardous waste in a container or tank. 22 CCR 66262.34(a)(1)(A) |

TRAINING, CONTINGENCY PLAN & ER PROCEDURES

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> 3110011 | Failed to have a written Contingency Plan which is designed to minimize hazards to human health or the environment from fires, explosions, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water. 22 CCR 66265.51(a) |
| <input type="checkbox"/> 3110012 | Failed to maintain onsite a copy of the Contingency Plan and all its revisions and submit a copy to the local emergency agencies that may be called upon to provide emergency services. 22 CCR 66265.53 |
| <input type="checkbox"/> 3120001 | Failed to maintain training documents and records at the facility. 22 CCR 66265.16(d) & (e) |
| <input type="checkbox"/> 3130015 | Failed to test and maintain all communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment to assure its proper operation in time of emergency. 22 CCR 66265.33 |
| <input type="checkbox"/> 3130016 | Failed to maintain aisle space to allow the unobstructed movement of personnel, fire protection, spill-control equipment, etc. to any area of facility operation in an emergency. 22 CCR 66265.35 |
| <input type="checkbox"/> HMD0418 | Failed to take precautions to prevent accidental ignition or reaction of ignitable or reactive waste, including the posting of a "No Smoking" sign(s), & separate and protect from sources of ignition or reaction. 22 CCR 66265.17(a) |
| <input type="checkbox"/> 3130018 | Failed to immediately implement the Contingency Plan during an emergency and whenever there is a fire, explosion, or release of hazardous waste or hazardous waste constituents which could threaten human health or the environment. 22 CCR 66265.51(b) |
| <input type="checkbox"/> 3020002 | Employee training program not adequate. 22 CCR 66265.16(a) and/or (b) |
| <input type="checkbox"/> 3010023 | Contingency plan content is missing information and/or listing of required actions or descriptions. 22 CCR 66265.52 |
| <input type="checkbox"/> HMD0414 | Failed to train employees at least annually. 22 CCR 66265.16(c) |
| <input type="checkbox"/> 3130014 | Failed to equip facility with required emergency equipment, water at adequate pressure and volume, internal communication system, &/or spill response equipment. 22 CCR 66265.32 |
| <input type="checkbox"/> HMD0417 | Failed to have an emergency coordinator on the premises or on call, and available to respond during an emergency and when a release occurs. 22 CCR 66265.55 |

HAZARDOUS WASTE TANK SYSTEM FOR LQGS ONLY

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> 3110013 | Failed to obtain and maintain a written assessment certified by an independent, qualified, registered professional engineer for the hazardous waste tank system. 22 CCR 66265.192(a), 66265.192(h)(1), or 66265.191(a) |
| <input type="checkbox"/> 3110014 | Hazardous waste tank system assessment documentation failed to include all required information. 22 CCR 66265.192(k) |
| <input type="checkbox"/> 3110015 | Failed to obtain CUPA approval prior to the replacement of equipment for a tank system. 22 CCR 66265.192(l), 66265.192(m) |
| <input type="checkbox"/> 3130011 | Failed to maintain tank operating requirements: 1) Spill prevention control; 2) Overfill prevention control, and/or; 3) maintenance of sufficient freeboard in uncovered tanks. 22 CCR 66265.194(a),(b) |
| <input type="checkbox"/> 3130012 | Failed to conduct daily inspections and/or maintain the inspection records for hazardous waste tank system. 22 CCR 66265.195(a)(c) |
| <input type="checkbox"/> 3130019 | Failed to provide proper secondary containment and/or leak detection for hazardous waste tank system. 22 CCR 66265.193(a) &/or (c)(3) |
| <input type="checkbox"/> 3130020 | Failed to inspect and document the cathodic protection system within six months after initial installation, and annually thereafter, and to inspect all sources of impressed current at least bimonthly. 22 CCR 66265.195(b) |
| <input type="checkbox"/> 3140001 | Failed to properly respond to a tank system spill/leak, follow emergency procedures as required, and/or remove all released waste from the secondary containment. 22 CCR 66265.56, 66265.196, 66265.194(c) |



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 07/25/2022 PAGE 7 OF 7
RECORD ID #: DEH2016-HUPFP-002611

Hazardous Materials and Hazardous Waste (continued)

- 3150002 Failed to properly close a hazardous waste tank system ensuring the minimization of further maintenance and requirements are met. 22 CCR 66265.111, 66265.114, 66265.197(a), 67383.3
- HMD1604 Failed to maintain secondary containment empty. 22 CCR 66265.196(b) and (c); 66265.194(c)
- HMD1607 Failed to adequately design or maintain corrosion protection. 22 CCR 66265.191(b)(3) or 66265.192(a) and (f)
- HMD1608 Failed to complete annual integrity assessment for existing hazardous waste tank system without secondary containment. 22 66265.191(a) (e)
- HMD1609 Failed to immediately remove unfit hazardous waste tank system from service. 22 CCR 66265.196
- HMD1611 Failed to properly complete and/or document closure of a hazardous waste tank system. 22 CCR 67383.3, 66265.197(a), (b)
- HMD1619 Failed to have required safety measures for hazardous waste tank system holding ignitable or reactive waste. 22 CCR 66265.198(a)(b)
- HMD1620 Failed to immediately remove from service a hazardous waste tank system that leaked or spilled waste. 22 CCR 66265.196(b),(c)
- HMD1621 Failed to notify DTSC when a release to environment occurred from a hazardous waste tank system. 22 CCR 66265.196(e)(1)or(3)
- HMD1623 Failed to develop and/or implement a written plan and schedule to perform VOC emissions inspections and monitoring of tank or container. 22 CCR 66265.1089(b)
- HMD1624 Failed to comply with the 3 year record keeping requirement for tank accumulating VOC waste. 22 CCR 66265.1090(a)
- HMD1625 Failed to properly control air pollutant emissions for tank accumulating VOC waste. 22 CCR 66265.202, 66265.1083(b) and 66265.1085(b)
- 3130026 Failed to meet emissions control standards for HW tank system with VOC waste. 22 CCR 66265.202 and 66265.1082 (a),(b) &/or (c)
- 3130022 Failed to label stationary hazardous waste tank as hazardous waste and mark with accumulation start date. 22 CCR 66262.34(f)(2) &/or (3)
- 3130025 Failure to comply with VOC emission requirements for containers and/or a portable tank. 22 CCR 66262.34(a)(1); 66265.178
- 3030062 Failed to comply with the emission control standards for equipment (piping, valves, pumps, connectors, etc.) containing 10% or more VOCs. 22 CCR 66262.34(a)(1)(A) & 66265.1050(b)

HM-923 (08-21)



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6880 FAX (858) 505-6848
<http://www.sdcdeh.org>



Medical Waste Management Plan

Facility Information	
Business Name F1 Oncology	Unified Program Facility Permit #
Type of Business Biotechnology Research and Development	Date 08/05/2016
Street Address 11011 Torreyana Road, Suite 244	City/ZIP San Diego/92121
Person Responsible for implementing the Medical Waste Management Plan (MWMP)	
Name Michelle Gallardo	
Title Lab Manager	Phone (858) 605-7059 ext. 133
Types of medical wastes (MW) generated	
<input checked="" type="checkbox"/> MW Sharps - e.g., needles, blades, scalpels, or broken glass or syringes contaminated with biohazardous waste. (human or animal) Estimated monthly amount <u>5</u> lbs	<input checked="" type="checkbox"/> Blood or blood products - liquid blood or blood products, or other regulated body fluids, or articles contaminated with liquid blood or body fluids. Estimated monthly amount <u>1</u> lbs
<input checked="" type="checkbox"/> Laboratory wastes - infectious specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, biologicals, and culture media. Estimated monthly amount <u>40</u> lbs	<input type="checkbox"/> Pathology waste - human or animal tissues suspected to be infectious to humans Estimated monthly amount <u> </u> lbs
<input checked="" type="checkbox"/> Liquid or semi-liquid biohazardous laboratory waste - treated on site by chemical disinfection* and discharged to sewer. Estimated monthly amount <u>8</u> lbs	<input type="checkbox"/> Isolation waste - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases. Estimated monthly amount <u> </u> lbs
<input type="checkbox"/> Trace chemotherapeutic waste Estimated monthly amount <u> </u> lbs	<input type="checkbox"/> Contaminated animals w/Highly communicable animal carcasses, body parts, tissues or fluids suspected to be contaminated by agents which are contagious. Estimated monthly amount <u> </u> lbs
<input type="checkbox"/> California-regulated pharmaceutical waste (non-RCRA, non-radioactive) Estimated monthly amount <u> </u> lbs	<input type="checkbox"/> Other (specify): _____ Estimated monthly amount <u> </u> lbs
Estimate of <u>TOTAL</u> monthly medical waste for generator classification: <u>54</u> lbs	
Estimate of other monthly medical wastes (does not count towards generator class):	
<input type="checkbox"/> Home Generated MW Sharps Estimated Monthly Amount <u> </u> lbs.	<input type="checkbox"/> Home Generated Pharmaceutical Waste Estimated monthly amount <u> </u> lbs.
ONSITE MEDICAL WASTE TREATMENT ONLY: Method & capacity of medical waste treatment <i>if performed onsite</i>:	
<input type="checkbox"/> Steam Autoclaving <input checked="" type="checkbox"/> Other state approved alternative technology (specify below): Liquid waste is treated on-site with bleach and disinfected for 20 minutes.	
Treatment records must be maintained for three years for small quantity generators, and maintained two years for large quantity generators. (HSC§117943; HSC§117975)	

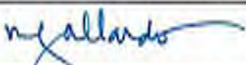
*Per HSC §118215(c), for liquid or semi-liquid biohazardous laboratory waste (§117690(b)(1)(B)), the treatment method must be recognized by the NIH, the CDC, or the American Biological Safety Association. If the chemical disinfection of the medical waste causes the waste to become a hazardous waste, the waste shall be managed in accordance with the requirements of HSC Chapter 6.5 (commencing with §25100) of Division 20.

Medical Waste Management Plan

The following requirements apply to LQGs (HSC§117960), and SQGs that treat MW on-site, or use the Pharmaceutical Waste Hauling Exemption. (HSC§118032)

Emergency Action Plan

This plan is to be followed to ensure the proper disposal of medical waste, including controlled substances in compliance with DEA, approved incineration of pharmaceutical and trace chemotherapy in the event of a natural disaster, spill, treatment system break down, power failure, etc., and closure plan at termination (600 characters max. for WORD interactive form - use additional sheets if necessary). (LQG HSC§117960(h); SQG HSC§117935).

Registered hazardous waste hauler/common carrier used to remove untreated medical waste (if applicable)	
Primary Hauler Name Veolia	Phone # (800) 956-5782
Street Address 9530 Candida Street	City/ZIP San Diego/92126
Contact Person Customer Service	Contact Phone # (800) 956-5782
Offsite treatment facility to which medical waste is transported (if applicable)	
Facility Name Veolia	Phone # (800) 956-5782
Street Address 9530 Candida Street	City/ZIP San Diego/92126
Contact Person Customer Service	Contact Phone # (800) 956-5782
<u>Pharmaceutical Waste Categorization</u>	
<p>If applicable, the steps taken to categorize the pharmaceutical wastes generated at the facility to ensure that the wastes are properly disposed of as follows:</p> <p>(1) Pharmaceutical wastes classified by the federal Drug Enforcement Administration (DEA) as "controlled substances" are disposed of in compliance with DEA requirements.</p> <p>(2) <u>The name and business address of the registered hazardous waste hauler used by the generator to have wastes that are not regulated pursuant to the federal Resource Conservation and Recovery Act of 1976 and nonradioactive pharmaceutical wastes regulated as medical waste safely removed for treatment in compliance with subdivision (b) of Section 118222 as waste requiring specific methods.</u> (LQG:HSC§117960(i); SQG:HSC§117935(i))</p>	
<u>Closure Plan</u>	
<p>A closure plan for the termination of treatment at the facility using, at a minimum, one of the methods of decontamination specified in subdivision (a) or (b) of Section 118295, thereby rendering the property to an acceptable sanitary condition following the completion of treatment services at the site. (LQG: HSC§117960(j); SQG: HSC§117935(j))</p>	
<i>I hereby certify to the best of my knowledge and believe the statements made herein are correct and accurate.</i>	
Name Michelle Gallardo	
Title Lab Manager	
Signature 	Date 8/5/16



County of San Diego

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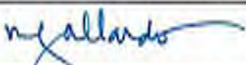
*Per HSC §118215(c), for liquid or semi-liquid biohazardous laboratory waste (§117690(b)(1)(B)), the treatment method must be recognized by the NIH, the CDC, or the American Biological Safety Association. If the chemical disinfection of the medical waste causes the waste to become a hazardous waste, the waste shall be managed in accordance with the requirements of HSC Chapter 6.5 (commencing with §25100) of Division 20.

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Emergency Action Plan

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<u>Closure Plan</u>	
<p>A closure plan for the termination of treatment at the facility using, at a minimum, one of the methods of decontamination specified in subdivision (a) or (b) of Section 118295, thereby rendering the property to an acceptable sanitary condition following the completion of treatment services at the site. (LQG: HSC§117960(j); SQG: HSC§117935(j))</p>	
<i>I hereby certify to the best of my knowledge and believe the statements made herein are correct and accurate.</i>	
Name Michelle Gallardo	
Title Lab Manager	
Signature 	Date 8/5/16



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 11/03/2016

RECORD ID #: DEH2016-HUPFP-002827

TIME START: 2:05 PM END: 3:25 PM

SPECIALIST: Donelle Griffin

INSPECTION CONTACT: Farzad Haerizadeh, PhD

TITLE: Senior Director, Cell & Molecular

PHONE: 858-375-8602

E-MAIL:

FACILITY NAME: F1 Oncology
ADDRESS: 11011 TORREYANA RD 244
CITY/ZIP: SAN DIEGO /92121-1104

FACILITY REFERENCE DATA

ACCELA

RECORD STATUS: Pending Inspection

PERMIT EXPIRATION DATE: 08/13/2016

BALANCE DUE: \$0.00

INSPECTOR: Donelle Griffin

INSPECTION TYPE: Routine, Status Verification

INSPECTION STATUS: Complete, Complete

CERS

EPA ID NUMBER: CAL000419208

FACILITY CERS ID NUMBER: 10686991

CERS LEAD USER: Chad Hansen

LAST CERS SUBMITTAL DATE: 08/11/2016

ENVIRONMENTAL CONTACT EMAIL: mgallardo@managedlab.com

ENVIRONMENTAL CONTACT PHONE: (858) 605-7059

FACILITY INFORMATION

	YES	NO
INACTIVATION INSPECTION:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CHANGE OF OWNER:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CHANGE IN BUSINESS TYPE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS TYPE:	Biomedical/Biotech-Not Large Manufacturer	
ISSUE INITIAL INVOICE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ASSESS NON-NOTIFICATION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS RE-INSPECTION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FACILITY SUBJECT TO BASE FEE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
FACILITY SUBJECT TO CUPA FEE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
UPDATE FACILITY ADDRESS IN AA:	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	YES	NO		
HAZARDOUS MATERIALS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
HAZARDOUS WASTE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
ABOVEGROUND PETROLEUM STORAGE ACT:*	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
TOTAL SHELL CAPACITY APSA:	0			
UNDERGROUND STORAGE TANK:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
CALARP PROGRAM (CERS):	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
CALARP PROGRAM LEVEL:	1	2	3	N/A
MEDICAL WASTE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
MW FACILITY GENERATING OVER 200 LBS PER MONTH:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
EPIC PARTICIPANT:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
NUMBER OF TLV GASES AT THE FACILITY:	0			

HW GENERATOR STATUS : LOG SQG CESQG RCRA LOG N/A

TIERED PERMIT LEVEL(S) : CESQT CESW CE-L CE-CL HHW PBR CA N/A

PRIMARY BILLING CODE
Not Applicable

SECONDARY BILLING CODE
Not Applicable

TERTIARY BILLING CODE
Not Applicable

INSPECTION SCOPE:

HAZARDOUS MATERIALS: GEN HAZMAT APSA UST

HAZARDOUS WASTE: SQG LOG

MEDICAL WASTE: SQG SQG - TREATS
 LOG LOG - ABBREVIATED LOG - TREATS

CALARP: 1 2 3

TIERED PERMITTING: CESQT CESW CE-L CE-CL
 CA PBR HHW

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT NAME: Farzad Haerizadeh, PhD TITLE: Senior Director, Cell & Molec

REMOVE BLANK CHECKLISTS FROM FINAL INSPECTION REPORT REFUSED TO SIGN

INSPECTION REPORT EMAILS:

mgallardo@managedlab.com,donelle.griffin@sdcounty.ca.gov,wendy.martinez@sdcounty.ca.gov,kelly.robertson@sdcounty.ca.gov

RECORD COMMENT:

Initial inspection, facility started operation 8/1/2016.



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: F1 Oncology
 ADDRESS: 11011 TORREYANA RD 244
 CITY/ZIP: SAN DIEGO /92121-1104

INSPECTION DATE: 11/03/2016 PAGE 1 OF 5
 RECORD ID #: DEH2016-HUPFP-002827
 TIME START: 2:05 PM END: 3:25 PM
 SPECIALIST: Donelle Griffin
 INSPECTION CONTACT: Farzad Haerizadeh, PhD
 TITLE: Senior Director, Cell & Molecular
 PHONE: 858-375-8602
 E-MAIL: _____

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit Current	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Contingency Plan Available <input type="checkbox"/> LQG <input type="checkbox"/> SQG
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hazardous Materials Business Plan Available	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training Records Available
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training is Adequate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Universal Waste Managed Properly
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Disposal Records Available for Review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers <input checked="" type="checkbox"/> Closed <input checked="" type="checkbox"/> Labeled
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Emergency Contacts Current <input type="checkbox"/> Updated today	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers in Good Condition
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Inventory/Map Current <input type="checkbox"/> Updated today			Permit Expires On <u>08/13/2016</u>

CONSENT TO CONDUCT INSPECTION GRANTED BY: Farzad Haerizadeh, PhD

TITLE: Senior Director, Cell & Molecula

INTRODUCTION:

Initial routine compliance inspection for hazardous materials and medical waste management. The Hazardous Materials Division (HMD) of the Department of Environmental Health is the Certified Unified Program Agency (CUPA) for the County of San Diego. As the local CUPA, the HMD implements the Unified Program in the County and regulates businesses that manage hazardous materials, hazardous wastes, aboveground petroleum storage tanks, and underground storage tanks. Additional information on the CUPA program can be found here: http://www.sandiegocounty.gov/deh/hazmat/hmd_cupa.html. HMD is also the local enforcement agency for the Medical Waste Management Act (MWMA) and regulates medical waste.

The scope of this inspection included hazardous materials business plan (HMBP), and the Medical Waste Management Act. Facility is doing research on next generation cancer therapy involving the removal of a small amount of the patients blood and improving T cells (immune system) ability to fight cancer, then returning it into the blood (circulatory system of the patient).

Facility generates ~480 lbs of red bag waste, ~60 lbs of sharps waste, 12 lbs of biological laboratory waste, and ~6 lbs. of blood laboratory waste per year. On site at the time of this inspection - 2 x 61 gal. containers of liquid nitrogen and 4 x 437 cu ft. cylinders of carbon dioxide.

INSPECTION REMARKS:

EPA ID# CAL000419208 status is active. Medical waste is picked up weekly.

Helpful Websites:

- For guidance documents on hazardous materials-related topics, go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS), go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations, go to: <http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails: <https://public.govdelivery.com/accounts/CASAND/subscriber/new>



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 11/03/2016 PAGE 2 OF 5
RECORD ID #: DEH2016-HUPFP-002827

If you have any questions regarding this inspection, please contact Donelle Griffin , 858-260-1898,
Donelle.Griffin@sdcounty.ca.gov

INSPECTION PHOTOS

None

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE Farzad Haerizadeh, PhD	SIGNATURE 	DATE SIGNED 11/03/2016
TITLE OF FACILITY REPRESENTATIVE Senior Director, Cell & Molecular		

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (858) 505-6880 <http://www.sdcdeh.org>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT Handlers of Hazardous Materials and Small and Large Quantity Generators of Hazardous Waste

INSPECTION DATE: 11/03/2016 PAGE 3 OF 5
RECORD ID #: DEH2016-HUPFP-002827

FACILITY NAME: *F1 Oncology

ADDRESS: * 11011 TORREYANA RD 244

CITY/ZIP: *SAN DIEGO

92121-1104

Each violation checked below is for the section(s) of the California Health and Safety Code (HSC), California Code of Regulations (CCR), or the San Diego County Code (SDCC) indicated in italics. Incorporated provisions of Title 40 of the Code of Federal regulations (CFR) are noted for reference. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. HMBP = Hazardous Materials Business Plan; CUPA = Certified Unified Program Agency; CERS = California Environmental Reporting System; SQG = Small Quantity Hazardous Waste Generator; LQG = Large Quantity Hazardous Waste Generator

Hazardous Materials Requirements

- | # | VIOLATION DESCRIPTION |
|--------------------------|--|
| <input type="checkbox"/> | 1010001 HMBP not established/ implemented. HSC 25505(a) and 25507(a) |
| <input type="checkbox"/> | 1010002 HMBP not submitted to the CUPA in CERS. HSC 25508(a)(1)(A); HSC 25404(e)(4); 27 CCR 15188(a), (d) |
| <input type="checkbox"/> | 1010003 Business Activities and/or Business Owner/Operator Identification not completed in CERS. 19 CCR 2729.2(a)(1); HSC 25404(e)(4) |
| <input type="checkbox"/> | 1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25506; 25507; and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1010005 Site map not submitted in CERS or not sufficient. HSC 25505(a)(2) and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1010006 HMBP not updated to reflect inventory changes or facility information. HSC 25508.1(a-e) |
| <input type="checkbox"/> | 1010007 HMBP not updated to reflect substantial change to the handler's operations. HSC 25508.1(f) |
| <input type="checkbox"/> | 1010008 HMBP not certified annually as complete and accurate in CERS. HSC 25508.2 |
| <input type="checkbox"/> | 1010010 Emergency response procedures to mitigate a release or threatened release not adequate, not established or not submitted in CERS. HSC 25505(a)(3) and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1010011 Failure to notify property owner in writing that the business is subject to the HMBP program. HSC 25505.1 |
| <input type="checkbox"/> | 1010012 Failure to provide a copy of HMBP to the property owner within five working days upon request from property owner. HSC 25505.1 |
| <input type="checkbox"/> | 1010014 Failure to submit emergency response plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1010015 Failure to submit employee training plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1010016 HMBP not established or submitted in CERS, when not meeting the remote site exemption. HSC 25507.2 and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1020001 Employee training plan for hazardous materials management not adequate, not established or not submitted in CERS. HSC 25505(a)(4) and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1020002 Initial and/or annual employee training not conducted for hazardous materials management and/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4) |
| <input type="checkbox"/> | 1040001 Hazardous materials release or threatened release not reported to the CUPA and OES immediately upon discovery. HSC 25510(a) |
| <input type="checkbox"/> | 4010001 Failed to prepare and implement a written Spill Prevention Control and Countermeasures (SPCC) Plan in accordance with 40 CFR 112 (sec. 112.3). HSC 25270.4.5(a) |
| <input type="checkbox"/> | HMD 1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905 |
| <input type="checkbox"/> | HMD 1005 Emergency contact not provided or current. HSC 25508.1(f) |
| <input type="checkbox"/> | HMD 1007 Highly toxic gas (TLV<10 ppm) not disclosed. SDCC 68.1113(b) |
| <input type="checkbox"/> | HMD 1008 Annual carcinogen/reproductive toxin list not submitted. SDCC 68.1113(c) |
| <input type="checkbox"/> | HMD 1013 HMBP not readily available for review. HSC 25505(c) |

Hazardous Waste Requirements for SQGs ONLY

- | | |
|--------------------------|--|
| <input type="checkbox"/> | HMD 0226 Did not accumulate waste in a container or tank. (40 CFR 262.34(d)(2).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | HMD 0412 Failed to have an emergency coordinator on call or available during an emergency. (40 CFR 262.34(d)(5)(i).) 22 CCR 66262.34(d)(2) |

HM-923 (03-15)

Hazardous Waste Requirements for SQGs ONLY (continued)

- | # | VIOLATION DESCRIPTION |
|--------------------------|--|
| <input type="checkbox"/> | 3030007 Failed to properly label/date hazardous waste container and/or tank. 22 CCR 66262.34(f) |
| <input type="checkbox"/> | 3030010 Accumulated waste too long (>180 or 270 days) (>90 days for an acutely hazardous waste). (40 CFR 262.34(e) and (f).) HSC 25201(a); 22 CCR 66262.34(d) |
| <input type="checkbox"/> | 3030013 Failed to accumulate hazardous waste in a container that is in good condition. (40 CFR 262.34(d)(2); 265.171.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030015 Failed to accumulate or store hazardous waste in a lined/compatible container. (40 CFR 262.34(d)(2); 265.172) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030017 Failed to properly close hazardous waste container(s). (40 CFR 262.34(d)(2); 265.173.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030019 Failed to inspect hazardous waste storage area at least weekly. (40 CFR 262.34(d)(2); 265.174.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030022 Failed to properly separate incompatible waste. (40 CFR 262.34(d)(2); 265.177.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030030 Failed to maintain and/or operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents. (40 CFR 262.34(d)(4); 265.31.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030036 Failed to maintain adequate aisle space. (40 CFR 262.34(d)(4); 265.35.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3010022 Failed to post, next to the telephone, emergency information containing the location of emergency equipment, contact names, and numbers. (40 CFR 262.34(d)(5)(ii).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3020001 Failed to ensure employees are trained for hazardous waste handling, compliance with regulations, and emergency response procedures. (40 CFR 262.34(d)(5)(iii).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030032 Failed to maintain or have emergency equipment, supplies, or equivalents. 1) An internal communication or alarm system; 2) A device, such as a telephone; 3) Portable fire extinguishers, fire control equipment, spill control equipment, and decontamination equipment; and 4) Water at adequate volume and pressure (40 CFR 262.34(d)(4); 265.32) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030039 Failed to implement contingency plan during an emergency, spill/ release. (40 CFR 262.34(d)(5)(iv).) 22 CCR 66262.34(d)(2) |

Hazardous Waste Tank Systems for SQGs ONLY

- | | |
|--------------------------|--|
| <input type="checkbox"/> | 3030024 Failed to maintain sufficient freeboard of 2 ft in uncovered tanks to prevent overtopping unless the tank is equipped with a containment structure, a drainage control system or a diversion structure with a capacity that equals or exceeds the volume of the top 2 ft of the tank. (40 CFR 62.34(d)(3); 265.201(b)(c).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030025 Failed to provide an overfill protection device on continuously fed hazardous waste tank. (40 CFR 262.34(d)(3); 265.201(b)(4).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030027 Failed to conduct daily tank inspection of the discharge system, monitoring equipment, and tank level. (40 CFR 265.201(c)(1), 265.201(c)(2), 265.201(c)(3), 262.34(d)(3).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030028 Failed to conduct weekly inspections of the construction materials, fixtures, and surrounding areas of the hazardous waste tank. (40 CFR 265.201(c)(4); 265.201(c)(5); 262.34(d)(3).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3050007 Failed to properly decontaminate and document closure of a hazardous waste tank system. (40 CFR 265.201(f).) 22 CCR 67383.3 |
| <input type="checkbox"/> | HMD 1612 Hazardous waste improperly stored in a tank system causing leaks, corrosion, or failure. (40 CFR 265.201(b).) 22 CCR 66262.34(d) |
| <input type="checkbox"/> | HMD 1614 Failed to pre-notify the CUPA in writing prior to closing a hazardous waste tank system. 22 CCR 67383.3(a)(1) |
| <input type="checkbox"/> | HMD 1615 Failed to properly accumulate ignitable or reactive waste in a tank system. (40 CFR 265.201(g).) 22 CCR 66262.34(d)(2) |



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Hazardous Materials and Hazardous Waste (continued)

Hazardous Waste Requirements for SOGs and LOGs RECORD KEEPING/OPERATIONAL REQUIREMENTS

- | | |
|---|-----------------------|
| # | VIOLATION DESCRIPTION |
|---|-----------------------|
- 3010001 Unified Program Facility (UPF) permit not obtained for the generation of hazardous waste. HSC 25404.1; SDCC 68.905
 - 3010029 The facility has not submitted complete and accurate facility information in CERS. HSC 25404(e)(4); 27 CCR 15188(b)
 - 3010002 Failed to obtain and/or maintain an active EPA ID. 22 CCR 66262.12
 - 3010008 Failed to properly complete a uniform hazardous waste manifest. 22 CCR 66262.23(a)
 - 3010009 Failed to complete the hazardous waste manifest Exception Requirement. 22 CCR 66262.42
 - 3010010 Failed to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a)
 - 3010011 Failed to send hazardous waste manifest copies to the Department of Toxic Substances Control (DTSC). 22 CCR 66262.23(a)(4)
 - 3010013 Failed to meet the consolidated manifesting requirements for waste shipment. HSC 25160.2; 22 CCR 66262.40(a)
 - 3010014 Failed to retain disposal records of spent lead batteries for 3 years. 22 CCR 66266.81(a)(4)(B)
 - 3030006 Failed to determine if a hazardous waste is restricted or prohibited from land disposal. 22 CCR 66268.7(a)
 - 3010016 Failure of recycler who recycles more than 100 kilograms per month of recyclable material under a claim that the material qualifies for exclusion or exemption to provide and submit in CERS the required information. HSC 25143.10(a), (c), and/or (d)
 - HMD 0149 Failed to keep disposal receipts for drained used oil filters and/or drained fuel filters for 3 years. HSC 25250.22; 22 CCR 66266.130
 - HMD 0148 Failed to have copies of analytical records, waste analysis records, and/or waste determination results for 3 years. 22 CCR 66262.40(c)
 - HMD 0140 Failed to have Land Disposal Restriction documentation onsite for 3 years. 22 CCR 66268.7(a)(8)
 - 3250005 Failed to obtain a Treatment, Storage and Disposal Facility (TSDF) permit or authorization to store/treat/dispose of hazardous waste. HSC 25201(a)
 - 3050005 Failed to have adequate records demonstrating claim of exemption for Excluded Recyclable Materials. HSC 25143.2(f); 22 CCR 66261.2(g)
 - 3210001 Failed to notify the CUPA in CERS for onsite hazardous waste treatment/tiered permitting. HSC 25201(a)
 - HMD 0138 Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a)

Hazardous Waste Requirements for SOGs and LOGs DISPOSAL AND TRANSPORTATION

- 3010007 Failed to prepare a hazardous waste manifest for the transport of a waste for off-site transfer, treatment, storage, or disposal. HSC 25160(b)(1) or (2), 25160.2(b)(9); 22 CCR 66262.20(a)
- 3030005 Failed to make a proper waste determination. 22 CCR 66262.11, 66262.40(c)
- 3050001 Failed to use a California registered hazardous waste transporter to transport hazardous waste. HSC 25163(a); 22 CCR 66263.41
- 3050002 Failed to properly dispose of hazardous waste at an authorized facility. HSC 25189.5(a); 25189(c),(d); 25189.2(c)
- 3130002 Impermissible dilution of hazardous waste. 22 CCR 66268.3(a)
- HMD 0305 Disposed of used oil illegally. HSC 25250.5(a); 25189.5(a); 25189(c),(d); 25189.2(c)
- HMD 0306 Disposed of hazardous waste latex paint improperly. HSC 25217.1

Hazardous Waste Requirements for SOGs and LOGs STORAGE AND HANDLING

- | | |
|---|-----------------------|
| # | VIOLATION DESCRIPTION |
|---|-----------------------|
- 3030001 Failed to meet requirements, when handling, and storing spent lead acid batteries. 22 CCR 66266.81(a)(1)
 - 3030003 Failed to properly manage 'damaged' spent lead acid batteries. 22 CCR 66266.81(b)
 - 3030004 Failed to properly manage, store, label, and/or recycle used oil filters and/or used fuel filters. HSC 25250.22; 22 CCR 66266.130
 - 3050004 Failed to properly manage contaminated used oil as a hazardous waste. HSC 25250.7(a), (c)
 - HMD 0222 Failed to properly label Excluded Recyclable Materials (ERM). HSC 25143.9(a).
 - HMD 0216 Failed to label hazardous material container within 10 days after the container was discovered to be mislabeled or inadequately labeled. HSC 25124(b)(3)(A); 22 CCR 66262.34(f)
 - HMD 0217 Failed to repack damaged/deteriorated hazardous material container within 96 hours. HSC 25124(b)(3)(B); 22 CCR 66262.34(f)
 - HMD 0219 Failed to properly segregate used oil &/or fuel drained from filters. HSC 25250.22(b)(4); 22 CCR 66266.130(c)(6)
 - HMD 0221 Failed to comply with hazardous waste satellite container regulation. 22 CCR 66262.34(e)
 - HMD 0223 Failed to properly empty container, failed to manage non-empty container, or inner liner removed from a container. 22 CCR 66261.7(b), (d) and/or (r); 66262.34(f)
 - HMD 0224 Failed to mark date on empty container larger than 5 gallons and/or manage it within one year. 22 CCR 66261.7(e),(f)

Universal Waste Handler Requirements

- 3010004 Failed to obtain an EPA ID number from DTSC or US EPA prior to storing 5,000 kg or more of universal waste. 22 CCR 66273.32(a),(b)
- 3020002 Failed to maintain universal waste handler training records for 3 years. 22 CCR 66273.36(c),(d)
- 3020003 Failed to properly train handlers of universal waste in universal waste management and response procedures. 22 CCR 66273.36(a),(b)
- 3030008 Failed to properly label or mark a universal waste (non-Conditionally Exempt Small Quantity Universal Waste Generator). 22 CCR 66273.34
- 3030011 Failed to properly dispose of universal waste within one year. 22 CCR 66273.35(a) and/or (b)
- 3030046 Failed to keep records of offsite universal waste (UW) shipment(s) available for inspection for 3 years. HSC 25185(a); 22 CCR 66273.39(c), (d)(2)
- 3030051 Failed to meet the accumulation standards for universal waste aerosol containers and waste handling. HSC 25201.16(f)
- 3040004 Failed to manage universal waste in a manner to prevent release(s) to the environment. 22 CCR 66273.33; 66273.33.5
- 3050003 Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a), 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a)



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 11/03/2016 PAGE 5 OF 5
 RECORD ID #: DEH2016-HUPFP-002827

Medical Waste Generators

Each violation checked below is for the section(s) of the California health and Safety Code (HSC), California Code of Regulation (CCR), or the San Diego County Code (SDCC) indicated in italics. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. UPF = Unified Program Facility; MW = Medical Waste; USPS = United States Postal Service; DOT = Department of Transportation

STORAGE AND LABELING

- | # | HMD | VIOLATION DESCRIPTION |
|--------------------------|------|---|
| <input type="checkbox"/> | 4201 | UPF Permit not obtained. HSC 117705; SDCC 68.905, 68.1202 |
| <input type="checkbox"/> | 4202 | Medical waste (MW) not separated from other waste at the point of origin. HSC 118275 |
| <input type="checkbox"/> | 4203 | Enclosure or designated accumulation area for MW containers not secured. HSC 118307, 118310 |
| <input type="checkbox"/> | 4204 | MW designated accumulation area not posted with an approved, legible biohazardous waste "warning sign" in English & Spanish which can be read from 25 ft. HSC 118310 |
| <input type="checkbox"/> | 4205 | Medical SOLID WASTE not secured to deny access to unauthorized persons. SDCC 68.1211 |
| <input type="checkbox"/> | 4206 | Spill of MW not properly cleaned up. HSC 118300 |
| <input type="checkbox"/> | 4207 | Sharps not stored in approved and properly marked sharps container. HSC 118285(a) & (d) |
| <input type="checkbox"/> | 4208 | Full sharps container not taped closed or tightly-lidded to preclude loss of contents. HSC 118285(b) |
| <input type="checkbox"/> | 4209 | Primary containers accumulating MW not labeled with generator's name, address, and phone number. SDCC 68.1205 |
| <input type="checkbox"/> | 4210 | Medical waste not stored in approved and properly marked biohazard bags. HSC 118275(a) |
| <input type="checkbox"/> | 4211 | Biohazard bags not tied off to prevent leakage/expulsion of contents during handling and storage. HSC 118280(a) |
| <input type="checkbox"/> | 4212 | Biohazard bags not containerized in rigid, leak resistant, and covered containers or bins when placed for storage, handling, or transport. HSC 118280(b) |
| <input type="checkbox"/> | 4213 | Waste container/bin not labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD" on the lid and sides. HSC 118280(c) |
| <input type="checkbox"/> | 4214 | Reusable containers/bins for MW storage not kept clean and sanitary. HSC 118295, 118305 |
| <input type="checkbox"/> | 4215 | Frozen (0°C/32°F) biohazardous waste stored >90 days. HSC 118280(e)(2) |
| <input type="checkbox"/> | 4306 | Full sharps container stored >30 days at >0°C. HSC 118285(c) |
| <input type="checkbox"/> | 4307 | Biohazard bag waste stored >7 days at >0°C (for generators of >20lbs/month). HSC 118280(e)(1)(A) |
| <input type="checkbox"/> | 4308 | Biohazard bag waste stored >30 days at >0°C (for generators of <20lbs/month). HSC 118280(e)(1)(B) |
| <input type="checkbox"/> | 4219 | MW interim storage area not marked with warning sign or biohazard symbol legible from 5 ft. HSC 118307, 118310 |
| <input type="checkbox"/> | 4220 | MW interim storage area not properly secured. HSC 118307 |

TREATMENT AND DISPOSAL

- | | | |
|--------------------------|------|--|
| <input type="checkbox"/> | 4251 | MW treated by unapproved method/procedure. HSC 118215 |
| <input type="checkbox"/> | 4252 | Standardized written operating procedures for steam sterilization not available. HSC 118215(a)(2)(A) |
| <input type="checkbox"/> | 4253 | Recording thermometer not calibrated annually. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> | 4254 | No records of annual thermometer calibration checks onsite for at least the past 2 years. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> | 4255 | Heat-sensitive tape/other approved method not used for each load treated onsite. HSC 118215(a)(2)(C) |
| <input type="checkbox"/> | 4256 | Monthly biological indicator or other approved method not used to confirm proper disinfection. HSC 118215(a)(2)(D) |
| <input type="checkbox"/> | 4257 | Onsite steam sterilization did not reach 121°C/250°F for 30 minutes. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> | 4258 | Treatment records/logs of dates, time, and temperature not available for 2 years. HSC 118215(a)(2)(E) |
| <input type="checkbox"/> | 4259 | Disposal of untreated MW to an unauthorized point. HSC 118340 |

TRANSPORTATION REQUIREMENTS

- | # | HMD | VIOLATION DESCRIPTION |
|--------------------------|------|---|
| <input type="checkbox"/> | 4260 | Transportation of MW without State Hauler Registration, USPS or requirements of the DOT "Materials of Trade Exceptions." HSC 118025 |
| <input type="checkbox"/> | 4311 | Medical waste tracking documents/logs not in vehicle transporting medical waste. HSC 118040 |

SMALL QUANTITY GENERATORS ONLY

(<200 pounds of medical waste generated per month)

- | | | |
|--------------------------|------|---|
| <input type="checkbox"/> | 4301 | Medical Waste Management Plan (MWMP) not submitted to HMD (initial/updates), if onsite treatment. HSC 117935 |
| <input type="checkbox"/> | 4302 | Did not maintain and show proof of "onsite" medical waste treatment records for 3 years. HSC 117943 |
| <input type="checkbox"/> | 4303 | Did not retain on file disposal receipts, tracking/shipping documents for medical waste shipped offsite for 3 years. HSC 117945 |
| <input type="checkbox"/> | 4309 | MWMP or equivalent information not onsite (only for SQG doing onsite treatment or comply with pharmaceutical waste hauling exemption). HSC 117935, 118032 |

LARGE QUANTITY GENERATORS ONLY

(≥ 200 pounds of medical waste generated per month)

- | | | |
|--------------------------|------|--|
| <input type="checkbox"/> | 4351 | MWMP not submitted to HMD (initial/updates). HSC 117960, 117970 |
| <input type="checkbox"/> | 4352 | Records of medical waste treatment not available for 2 years. HSC 117975, 118215(a)(2)(E) |
| <input type="checkbox"/> | 4353 | Did not make available disposal receipts, tracking/shipping documents for at least 2 years for medical waste shipped offsite. HSC 117975 |

CHEMOTHERAPY, PATHOLOGY, PHARMACEUTICAL HAZARDOUS & UNIVERSAL WASTES

- | | | |
|--------------------------|---------|--|
| <input type="checkbox"/> | 4401 | Trace Chemo waste not segregated from other MW. HSC 118275(a)(4) |
| <input type="checkbox"/> | 4402 | Trace Chemo waste container not labeled "Chemotherapy Waste" or "CHEMO" on the lid and the sides. HSC 118275(a)(4) |
| <input type="checkbox"/> | 4403 | Illegal disposal of chemo waste. HSC 118340 |
| <input type="checkbox"/> | 4411 | Pathology waste not segregated from other MW. HSC 118275(a)(5) |
| <input type="checkbox"/> | 4412 | Pathology waste container not labeled "Pathology Waste" or "PATH" on the lid and the sides. HSC 118275(a)(5) |
| <input type="checkbox"/> | 4413 | Illegal disposal of pathology waste. HSC 118340 |
| <input type="checkbox"/> | 4421 | Pharm waste not segregated from other MW. HSC 118275(a)(6) |
| <input type="checkbox"/> | 4422 | Pharm waste not labeled "Incineration Only or HIGH HEAT" on the lid and the sides. HSC 118275(a)(6) |
| <input type="checkbox"/> | 4423 | Pharm waste stored >90 days when container full, or stored longer than one year (maximum allowable time). HSC 118280(f) |
| <input type="checkbox"/> | 4432 | Illegal disposal of pharm waste. HSC 118340, 118222(b) |
| <input type="checkbox"/> | 4441 | Disposal of photo/hazwaste to an unauthorized point. HSC 25189.5 |
| <input type="checkbox"/> | 3030046 | Failed to keep records of offsite universal waste shipment(s) available for inspection for 3 years. HSC 25185(a)(4); 22 CCR 66273.39(c),(d)(2) |
| <input type="checkbox"/> | 3050003 | Disposed of universal waste to an unauthorized point. HSC 25189.5(a); 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a) |

LOG MW ONSITE TREATMENT FACILITY

(≥ 200 pounds of medical waste generated per month)

- | | | |
|--------------------------|------|--|
| <input type="checkbox"/> | 4501 | Onsite MW treatment permit not obtained/renewed. HSC 117950, 118130, 65620, 65623 |
| <input type="checkbox"/> | 4502 | Current copy of the MW treatment permit not available. HSC 65621(f), 65623, 118165, 118180 |
| <input type="checkbox"/> | 4503 | Condition(s) of the MW treatment permit violated. HSC 65623 |

Permit #:

Date: 8/4/2016

SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
Annual Carcinogen and Reproductive Toxin Reporting List

Business Name: F1 Oncology

Business Address: 11011 Torreyana Road, Suite 244, San Diego, CA 92121

Business Owner or Operator: F1 Oncology

Please complete the following by entering the chemical name in the chemical name column and then place a check ✓ in the quantity column that most closely estimates the amount on hand. If measured by volume, check the appropriate gallon column(s). If measured by weight, check the appropriate pound column(s). If the chemical is a trade secret, you should check the trade secret box. For example, if you have one pint of benzene you would write benzene in the chemical name column and place a check ✓ in the <1-gallon column.

(PLEASE NOTE: the symbol < means less than).

Chemical Name	<1 gal.	<1 lb.	<10 gal.	<10 lbs.	<55 gal.	<500 lbs.	Trade Secret
Chloroform	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ethyl Alcohol	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Formaldehyde	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N,N-Dimethylacetamide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



County of San Diego

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HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6880 FAX (858) 505-6848
<http://www.sdcdeh.org>



Medical Waste Management Plan

Facility Information	
Business Name F1 Oncology	Unified Program Facility Permit #
Type of Business Biotechnology Research and Development	Date 08/05/2016
Street Address 11011 Torreyana Road, Suite 244	City/ZIP San Diego/92121
Person Responsible for implementing the Medical Waste Management Plan (MWMP)	
Name Michelle Gallardo	
Title Lab Manager	Phone (858) 605-7059 ext. 133
Types of medical wastes (MW) generated	
<input checked="" type="checkbox"/> MW Sharps - e.g., needles, blades, scalpels, or broken glass or syringes contaminated with biohazardous waste. (human or animal) Estimated monthly amount <u>5</u> lbs	<input checked="" type="checkbox"/> Blood or blood products - liquid blood or blood products, or other regulated body fluids, or articles contaminated with liquid blood or body fluids. Estimated monthly amount <u>1</u> lbs
<input checked="" type="checkbox"/> Laboratory wastes - infectious specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, biologicals, and culture media. Estimated monthly amount <u>40</u> lbs	<input type="checkbox"/> Pathology waste - human or animal tissues suspected to be infectious to humans Estimated monthly amount <u> </u> lbs
<input checked="" type="checkbox"/> Liquid or semi-liquid biohazardous laboratory waste - treated on site by chemical disinfection* and discharged to sewer. Estimated monthly amount <u>8</u> lbs	<input type="checkbox"/> Isolation waste - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases. Estimated monthly amount <u> </u> lbs
<input type="checkbox"/> Trace chemotherapeutic waste Estimated monthly amount <u> </u> lbs	<input type="checkbox"/> Contaminated animals w/Highly communicable animal carcasses, body parts, tissues or fluids suspected to be contaminated by agents which are contagious. Estimated monthly amount <u> </u> lbs
<input type="checkbox"/> California-regulated pharmaceutical waste (non-RCRA, non-radioactive) Estimated monthly amount <u> </u> lbs	<input type="checkbox"/> Other (specify): _____ Estimated monthly amount <u> </u> lbs
Estimate of TOTAL monthly medical waste for generator classification: <u>54</u> lbs	
Estimate of other monthly medical wastes (does not count towards generator class):	
<input type="checkbox"/> Home Generated MW Sharps Estimated Monthly Amount <u> </u> lbs.	<input type="checkbox"/> Home Generated Pharmaceutical Waste Estimated monthly amount <u> </u> lbs.
ONSITE MEDICAL WASTE TREATMENT ONLY: Method & capacity of medical waste treatment <i>if performed onsite</i>:	
<input type="checkbox"/> Steam Autoclaving <input checked="" type="checkbox"/> Other state approved alternative technology (specify below): Liquid waste is treated on-site with bleach and disinfected for 20 minutes.	
Treatment records must be maintained for three years for small quantity generators, and maintained two years for large quantity generators. (HSC§117943; HSC§117975)	

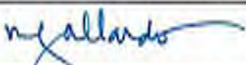
*Per HSC §118215(c), for liquid or semi-liquid biohazardous laboratory waste (§117690(b)(1)(B)), the treatment method must be recognized by the NIH, the CDC, or the American Biological Safety Association. If the chemical disinfection of the medical waste causes the waste to become a hazardous waste, the waste shall be managed in accordance with the requirements of HSC Chapter 6.5 (commencing with §25100) of Division 20.

Medical Waste Management Plan

The following requirements apply to LQGs (HSC§117960), and SQGs that treat MW on-site, or use the Pharmaceutical Waste Hauling Exemption. (HSC§118032)

Emergency Action Plan

This plan is to be followed to ensure the proper disposal of medical waste, including controlled substances in compliance with DEA, approved incineration of pharmaceutical and trace chemotherapy in the event of a natural disaster, spill, treatment system break down, power failure, etc., and closure plan at termination (600 characters max. for WORD interactive form - use additional sheets if necessary). (LQG HSC§117960(h); SQG HSC§117935).

Registered hazardous waste hauler/common carrier used to remove untreated medical waste (if applicable)	
Primary Hauler Name Veolia	Phone # (800) 956-5782
Street Address 9530 Candida Street	City/ZIP San Diego/92126
Contact Person Customer Service	Contact Phone # (800) 956-5782
Offsite treatment facility to which medical waste is transported (if applicable)	
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<u>Pharmaceutical Waste Categorization</u>	
<p>If applicable, the steps taken to categorize the pharmaceutical wastes generated at the facility to ensure that the wastes are properly disposed of as follows:</p> <p>(1) Pharmaceutical wastes classified by the federal Drug Enforcement Administration (DEA) as "controlled substances" are disposed of in compliance with DEA requirements.</p> <p>(2) <u>The name and business address of the registered hazardous waste hauler used by the generator to have wastes that are not regulated pursuant to the federal Resource Conservation and Recovery Act of 1976 and nonradioactive pharmaceutical wastes regulated as medical waste safely removed for treatment in compliance with subdivision (b) of Section 118222 as waste requiring specific methods.</u> (LQG:HSC§117960(i); SQG:HSC§117935(i))</p>	
<u>Closure Plan</u>	
<p>A closure plan for the termination of treatment at the facility using, at a minimum, one of the methods of decontamination specified in subdivision (a) or (b) of Section 118295, thereby rendering the property to an acceptable sanitary condition following the completion of treatment services at the site. (LQG: HSC§117960(j); SQG: HSC§117935(j))</p>	
<i>I hereby certify to the best of my knowledge and believe the statements made herein are correct and accurate.</i>	
Name Michelle Gallardo	
Title Lab Manager	
Signature 	Date 8/5/16



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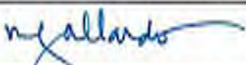
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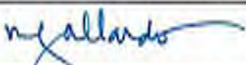
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<i>I hereby certify to the best of my knowledge and believe the statements made herein are correct and accurate.</i>	
Name Michelle Gallardo	
Title Lab Manager	
Signature 	Date 8/5/16



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 01/26/2018

RECORD ID #: DEH2016-HUPFP-002827

TIME START: 1:45 PM END: 2:25 PM

SPECIALIST: Anastasiya Irkhin

INSPECTION CONTACT: Michelle Gallardo

TITLE: Lab Manager

PHONE: (858) 605-7059

E-MAIL: mgallardo@managedlab.com

FACILITY NAME: F1 Oncology
 ADDRESS: 11011 TORREYANA RD 244
 CITY/ZIP: SAN DIEGO /92121-1104

FACILITY REFERENCE DATA

ACCELA
 RECORD STATUS: Expired
 PERMIT EXPIRATION DATE: 12/31/2017
 BALANCE DUE: \$753.00
 INSPECTOR: Anastasiya Irkhin
 INSPECTION TYPE: Closure
 INSPECTION STATUS: Complete

CERS

EPA ID NUMBER: CAL000419208
 FACILITY CERS ID NUMBER: 10686991
 CERS LEAD USER: Chad Hansen
 LAST CERS SUBMITTAL DATE: 01/27/2017
 ENVIRONMENTAL CONTACT EMAIL: mgallardo@managedlab.com
 ENVIRONMENTAL CONTACT PHONE: (858) 605-7059

FACILITY INFORMATION

	YES	NO		YES	NO
INACTIVATION INSPECTION:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	HAZARDOUS MATERIALS:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CHANGE OF OWNER:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HAZARDOUS WASTE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CHANGE IN BUSINESS TYPE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ABOVEGROUND PETROLEUM STORAGE ACT:*	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS TYPE: <u>Biomedical/Biotech-Not Large Manufacturer</u>			TOTAL SHELL CAPACITY APSA:		<u>0</u>
ISSUE INITIAL INVOICE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	UNDERGROUND STORAGE TANK:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS NON-NOTIFICATION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CALARP PROGRAM (CERS):	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS RE-INSPECTION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CALARP PROGRAM LEVEL:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FACILITY SUBJECT TO BASE FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MEDICAL WASTE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FACILITY SUBJECT TO CUPA FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MW FACILITY GENERATING OVER 200 LBS PER MONTH:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UPDATE FACILITY ADDRESS IN AA:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EPIC PARTICIPANT:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS CLOSE DATE:* <u>12/27/2017</u>			NUMBER OF TLV GASES AT THE FACILITY:		<u>0</u>

HW GENERATOR STATUS :

TIERED PERMIT LEVEL(S) :

PRIMARY BILLING CODE: SECONDARY BILLING CODE: TERTIARY BILLING CODE:

INSPECTION SCOPE:

HAZARDOUS MATERIALS: HAZARDOUS WASTE:

MEDICAL WASTE: CALARP:

TIERED PERMITTING:

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT NAME: Michelle Gallardo TITLE: Lab Manager

REMOVE BLANK CHECKLISTS FROM FINAL INSPECTION REPORT REFUSED TO SIGN

TIME ACCOUNTING (Closure) TOTAL TIME ENTERED: 1.1

Date	Time	Group	Type
01/26/2018	0.5	HMD Inspection	Drive Time - Record
01/26/2018	0.6	HMD Inspection	Report Writing - Record

INSPECTION REPORT EMAILS:
Anastasiya.Irkhin@sdcounty.ca.gov



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: F1 Oncology
 ADDRESS: 11011 TORREYANA RD 244
 CITY/ZIP: SAN DIEGO /92121-1104

INSPECTION DATE: 01/26/2018 PAGE 1 OF 2
 RECORD ID #: DEH2016-HUPFP-002827
 TIME START: 1:45 PM END: 2:25 PM
 SPECIALIST: Anastasiya Irkhin
 INSPECTION CONTACT: Michelle Gallardo
 TITLE: Lab Manager
 PHONE: (858) 605-7059
 E-MAIL: mgallardo@managedlab.com

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit Current	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contingency Plan Available <input type="checkbox"/> LQG <input type="checkbox"/> SQG
<input type="checkbox"/>	<input type="checkbox"/>	Hazardous Materials Business Plan Available	<input type="checkbox"/>	<input type="checkbox"/>	Employee Training Records Available
<input type="checkbox"/>	<input type="checkbox"/>	Employee Training is Adequate	<input type="checkbox"/>	<input type="checkbox"/>	Universal Waste Managed Properly
<input type="checkbox"/>	<input type="checkbox"/>	Waste Disposal Records Available for Review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers <input type="checkbox"/> Closed <input type="checkbox"/> Labeled
<input type="checkbox"/>	<input type="checkbox"/>	Emergency Contacts Current <input type="checkbox"/> Updated today	<input type="checkbox"/>	<input type="checkbox"/>	Waste Containers in Good Condition
<input type="checkbox"/>	<input type="checkbox"/>	Chemical Inventory/Map Current <input type="checkbox"/> Updated today			Permit Expires On <u>12/31/2017</u>

CONSENT TO CONDUCT INSPECTION GRANTED BY: Michelle Gallardo

TITLE: Lab Manager

INTRODUCTION:

Closure inspection completed on 1/26/2018 at this location.

During inspection walk-through no hazardous substances or medical wastes could be observed from F1 Oncology.

Also present during inspection: Ammon Langley, Industrial Hygenist.

Final disposal documents for medical waste and manifests for hazardous waste available for review during inspection.

Per Michelle Gallardo business closure date 12/27/2017.

OK to suspend the permit at this location.

INSPECTION REMARKS:

Helpful Websites:

- For guidance documents on hazardous materials-related topics, go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS), go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations, go to: <http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails: <https://public.govdelivery.com/accounts/CASAND/subscriber/new>

If you have any questions regarding this inspection, please contact Anastasiya Irkhin, 858-518-7388, Anastasiya.Irkhin@sdcounty.ca.gov

INSPECTION PHOTOS

None



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 01/26/2018 PAGE 2 OF 2
RECORD ID #: DEH2016-HUPFP-002827

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE Michelle Gallardo	SIGNATURE 	DATE SIGNED 01/26/2018
TITLE OF FACILITY REPRESENTATIVE Lab Manager		

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (858) 505-6880 <http://www.sdcdeh.org>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: BD Integrated Diagnostic Solutions 11011
 ADDRESS: 11011 TORREYANA RD 244
 CITY/ZIP: SAN DIEGO /92121-1104

INSPECTION DATE: 06/23/2021 PAGE 1 OF 5
 RECORD ID #: DEH2016-HUPFP-002827
 TIME START: 1:45 PM END: 2:30 PM
 SPECIALIST: Kathryn Paras
 INSPECTION CONTACT: Anastasiya Gonzalez
 TITLE: EHS Specialist III
 PHONE: (858) 812-3740
 E-MAIL: anastasiya.gonzalez@bd.com

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

- | | | | |
|---|--|---|---|
| <input type="checkbox"/> Unified Program Facility Permit Current | <input checked="" type="checkbox"/> Contingency Plan Available | <input type="checkbox"/> LQG | <input checked="" type="checkbox"/> SQG |
| <input type="checkbox"/> Hazardous Materials Business Plan Available | <input type="checkbox"/> Employee Training Records Available | | |
| <input type="checkbox"/> Employee Training is Adequate | <input type="checkbox"/> Universal Waste Managed Properly | | |
| <input checked="" type="checkbox"/> Waste Disposal Records Available for Review | <input checked="" type="checkbox"/> Waste Containers | <input type="checkbox"/> Closed | <input type="checkbox"/> Labeled |
| <input checked="" type="checkbox"/> Emergency Contacts Current | <input type="checkbox"/> Updated today | <input type="checkbox"/> Waste Containers in Good Condition | |
| <input checked="" type="checkbox"/> Chemical Inventory/Map Current | <input type="checkbox"/> Updated today | Permit Expires On | _____ |

CONSENT TO CONDUCT INSPECTION GRANTED BY: Anastasiya Gonzalez TITLE: EHS Specialist III

INTRODUCTION:

INITIAL INSPECTION

The Hazardous Materials Division (HMD) of the Department of Environmental Health and Quality is the Certified Unified Program Agency (CUPA) for the County of San Diego. As the local CUPA, the HMD implements the Unified Program in the County and regulates businesses that manage hazardous materials in reportable quantities, hazardous wastes and medical wastes in any amount, aboveground petroleum storage tanks, and underground storage tanks. More information: http://www.sandiegocounty.gov/deh/hazmat/hmd_cupa.html

An initial inspection was conducted on 06/23/21 at BD Integrated Diagnostic Solutions 11011 to verify compliance with medical waste (MW) management. This facility is a biotech that specializes in antibody reagent manufacturing. Anastasiya Gonzalez, BD Integrated Diagnostic Solutions 11011 - EHS Specialist III, granted consent to conduct this inspection and review documents.

The following people were also present during today's inspection:

- Michelle Clark - BD Integrated Diagnostic Solutions 11011, EHS Specialist III
- Fernando Gonzalez - ACT, Technician

Per HMD records, Scott Tillinghast (OSI - Consultant) informed HMD that BD Integrated Diagnostic Solutions 11011 had begun moving into the laboratory space in March 2021. Per Anastasiya Gonzalez, medical waste generation began on 05/21/21. Per CERS submittal made on 04/31/21 by BD Integrated Diagnostic Solutions 11011 and statements from Anastasiya Gonzalez, this facility will generate hazardous waste in the future and therefore it is listed within the facility's hazardous materials inventory. No hazardous waste was observed during today's inspection because the laboratories that are anticipated to generate hazardous waste were still in the process of moving in and setting up. Per Anastasiya Gonzalez, this facility will obtain a Unified Program Facility Permit (UPFP) for the generation of medical waste and future generation of hazardous waste.

Facility's Hazardous Materials Inventory was verified during today's inspection, in comparison to the facility's California Environmental Reporting System (CERS) submittal on 04/30/21.

For Reference:

Facility CERS ID Number: 10686991 (last submittal date before this inspection: 04/30/21)
 Facility EPA ID Number: CAL000461666 (active during the time of inspection)



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION REMARKS:

ACTION REQUIRED:

1. Obtain a Unified Program Facility Permit (UPFP). In order to obtain a UPFP please pay all fees pertaining to the permit. An initial invoice will be mailed to the facility upon completion of this initial inspection. Once receiving the initial invoice, pay all fees as soon as possible to obtain the UPFP.

INSPECTION REMARKS:

- During today's inspection observed several biohazardous red bags throughout the labs, however no biohazardous waste were observed to be generated onsite at this time. Per Fernando Gonzalez, facility had recently received a medical waste disposal pick up. Medical waste disposal records indicate last medical waste disposal pick up occurred on 06/21/21.
- Medical waste disposal records were available for review. Per disposal records, this facility receives weekly medical waste disposal pick ups.
- Facility currently has Lab Debris Waste listed on their hazardous materials inventory, however no lab debris waste was observed during today's inspection. Per Anastasiya Gonzalez, facility is still setting up their laboratory spaces and therefore no hazardous waste has been generated yet but this facility anticipates to generate hazardous waste and therefore will leave Lab Debris Waste listed on their hazardous materials inventory at this time.
- Observed storage room that, per Fernando Gonzalez, will be used as facility's main medical waste accumulation area. Be advised, medical waste accumulation areas must have an approved, legible biohazardous waste "warning sign" in English & Spanish or in another language, in addition to English which can be read from a distance of at least 25 feet.
- This report was issued to and reviewed with Anastasiya Gonzalez and Michelle Clark during a phone call on 06/24/21 and was not signed due to current Public Health Orders and COVID-19 restrictions.

DIRECT QUESTIONS AND/OR CORRESPONDENCE TO:

*Kathryn Paras, MPH
 Environmental Health Specialist
 Hazardous Materials Division
 San Diego County | Department of Environmental Health & Quality
 P.O. Box 129261 San Diego, CA 92112-9261
 E-mail: Kathryn.Paras@sdcounty.ca.gov
 Cell #: (619) 726-9527
 Hours: T-F; 07:30AM – 06:00PM*

Helpful Websites:

- For guidance documents on hazardous materials-related topics, go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS), go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations, go to: <http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails: <https://public.govdelivery.com/accounts/CASAND/subscriber/new>

If you have any questions regarding this inspection, please contact Kathryn Paras ,619-726-9527, kathryn.paras@sdcounty.ca.gov

INSPECTION PHOTOS

None

INSPECTION ATTACHMENTS

Document Name

Document Description



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 06/23/2021 PAGE 3 OF 5
RECORD ID #: DEH2016-HUPFP-002827

1

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE N/A	SIGNATURE	Signature Not Obtained	DATE SIGNED
TITLE OF FACILITY REPRESENTATIVE N/A			

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261

Phone: (858) 505-6880 <http://www.sdcdeh.org>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Medical Waste Generators

INSPECTION DATE: 06/23/2021 PAGE 4 OF 5
 RECORD ID #: DEH2016-HUPFP-002827

FACILITY NAME: * **BD Integrated Diagnostic Solutions 11011**

ADDRESS: * **11011 TORREYANA RD 244** CITY/ZIP: * **SAN DIEGO** **92121-1104**

Each violation checked below is for the section(s) of the California health and Safety Code (HSC), California Code of Regulation (CCR), or the San Diego County Code (SDCC) indicated in italics. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. UPF = Unified Program Facility; MW = Medical Waste; USPS = United States Postal Service; DOT = Department of Transportation

MEDICAL WASTE GENERATORS

STORAGE AND LABELING

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> HMD4201	UPF Permit not obtained. HSC 117705, SDCC 68.904; 68.905; 68.906; 68.907.1; 68.1202
<input type="checkbox"/> HMD4216	Failed to submit or report in CERS chemical inventory information for hazardous waste and/or medical waste, and keep up to date. SDCC 68.904(a)(2)
<input type="checkbox"/> HMD4202	Medical waste (MW) not separated from other waste at the point of origin. HSC 118275
<input type="checkbox"/> HMD4203	Enclosure or designated accumulation area for MW containers not secured. HSC 118307, 118310
<input type="checkbox"/> HMD4204	MW designated accumulation area not posted with an approved, legible biohazardous waste "warning sign" in English & Spanish or in another language, in addition to English which can be read from a distance of at least 25 feet. HSC 118310
<input type="checkbox"/> HMD4205	Medical SOLID WASTE not secured to deny access to unauthorized persons. SDCC 68.1211
<input type="checkbox"/> HMD4206	Leak or spill of MW not properly decontaminated. HSC 118300
<input type="checkbox"/> HMD4207	Sharps not stored in approved container or labeled with the words "sharps waste" or with the international biohazard symbol and the word "BIOHAZARD". HSC 118285(a) & (d)
<input type="checkbox"/> HMD4208	Full sharps container not taped closed or tightly-lidded to preclude loss of contents. HSC 118285(b)
<input type="checkbox"/> HMD4209	Primary containers accumulating MW not labeled with an electronic tracking system label or a label with generator's name, address and phone number. SDCC 68.1205
<input type="checkbox"/> HMD4210	Medical waste not stored in approved and properly marked biohazard bags. HSC 118275(a)
<input type="checkbox"/> HMD4211	Biohazard bags not tied off to prevent leakage or expulsion of contents during storage and handling. HSC 118280(a)
<input type="checkbox"/> HMD4212	Biohazardous bags not containerized in rigid, leak resistant, and covered containers or bins when placed for storage, handling, or transport. HSC 118280(c)
<input type="checkbox"/> HMD4213	Waste container or bin not labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD" on the lid and sides. HSC 118280(c)
<input type="checkbox"/> HMD4214	Reusable containers or bins for MW storage not thoroughly washed and decontaminated and maintained in a clean and sanitary manner. HSC 118295, 118305
<input type="checkbox"/> HMD4215	Frozen (0°C/32°F) biohazardous waste stored for more than 90 days. HSC 118280(e)(2)
<input type="checkbox"/> HMD4306	Full sharps container stored more than 30 days at >0°C. HSC 118285(c)
<input type="checkbox"/> HMD4307	Biohazard bag waste stored more than 7 days at >0°C (for generators of 20 or more pounds a month). HSC 118280(e)(1)(A)
<input type="checkbox"/> HMD4308	Biohazard bag waste stored >30 days at >0°C (for generators of <20lbs/month). HSC 118280(e)(1)(B)
<input type="checkbox"/> HMD4219	MW interim storage area not marked with warning signs or international biohazard symbol legible from a distance of 5 feet. HSC 118307, 118310
<input type="checkbox"/> HMD4220	MW interim storage area not properly secured. HSC 118307

TREATMENT AND DISPOSAL

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> HMD4251	MW treated by unapproved method/procedure. HSC 118215
<input type="checkbox"/> HMD4252	Standard written operating procedures for steam sterilization not established. HSC 118215(a)(2)(A)
<input type="checkbox"/> HMD4253	Recording thermometer not calibrated annually. HSC 118215(a)(2)(B)
<input type="checkbox"/> HMD4254	No records of annual thermometer calibration checks onsite for at least the past 2 years. HSC 118215(a)(2)(B)
<input type="checkbox"/> HMD4255	Heat-sensitive tape or other approved method not used for each load treated onsite. HSC 118215(a)(2)(C)
<input type="checkbox"/> HMD4256	Monthly biological indicator or other approved indicator not used to confirm proper sterilization. HSC 118215(a)(2)(D)
<input type="checkbox"/> HMD4257	Onsite steam sterilization did not reach 121° C (250° F) for at least 30 minutes. HSC 118215(a)(2)(B)
<input type="checkbox"/> HMD4258	Treatment records or logs of dates, time, and temperature not maintained for at least 2 years. HSC 118215(a)(2)(E)
<input type="checkbox"/> HMD4259	Disposal of untreated MW to an unauthorized point. HSC 118340

TRANSPORTATION REQUIREMENTS

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> HMD4260	Transportation of MW without State Hauler Registration, USPS or requirements of the DOT "Materials of Trade Exceptions." HSC 118025
<input type="checkbox"/> HMD4311	Medical waste tracking documents or logs not in vehicle transporting medical waste. HSC 118040(a)
<input type="checkbox"/> HMD4313	Medical waste tracking documents or logs not complete. HSC 118040(b)

SMALL QUANTITY GENERATORS ONLY

(<200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> HMD4301	Medical Waste Management Plan (MWMP) not submitted to HMD (initial/updates), if onsite treatment. HSC 117935
<input type="checkbox"/> HMD4302	Did not maintain and show proof of "onsite" medical waste treatment records for 3 years. HSC 117943
<input type="checkbox"/> HMD4303	Did not maintain on file disposal receipts, tracking or shipping documents for medical waste shipped offsite for at least 3 years. HSC 117945
<input type="checkbox"/> HMD4309	MWMP or equivalent information not onsite (only for SQG doing onsite treatment or comply with pharmaceutical waste hauling exemption). HSC 117935, 118032



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 06/23/2021 PAGE 5 OF 5
 RECORD ID #: DEH2016-HUPFP-002827

Medical Waste Generators (continued)

HMD4310 Did not meet the requirements of the pharmaceutical waste hauling exemption. HSC 118032

LARGE QUANTITY GENERATORS ONLY

(>= 200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

- | # | VIOLATION DESCRIPTION |
|----------------------------------|---|
| <input type="checkbox"/> HMD4351 | MWMP not submitted to HMD (initial/updates) or incomplete. HSC 117960, 117970 |
| <input type="checkbox"/> HMD4352 | Records of medical waste treatment not available for 2 years. HSC 117975, 118215(a)(2)(E) |
| <input type="checkbox"/> HMD4353 | Did not make available disposal receipts, tracking or shipping documents for at least 2 years for medical waste shipped offsite. HSC 117975 |

LOG MW ONSITE TREATMENT FACILITY

(>= 200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

- | # | VIOLATION DESCRIPTION |
|----------------------------------|--|
| <input type="checkbox"/> HMD4501 | Onsite MW treatment permit not obtained or renewed. HSC 117950, 118130; CCR 65620, 65623 |
| <input type="checkbox"/> HMD4502 | Current copy of the MW treatment permit not available. HSC 118165, 118180; CCR 65621(f), 65623 |
| <input type="checkbox"/> HMD4503 | Condition(s) of the MW treatment permit violated. CCR 65623 |
| <input type="checkbox"/> HMD4504 | Operators who treat medical waste not trained in proper equipment use, proper protective equipment to wear and if necessary, proper cleanup of spills. HSC 117967(a) |
| <input type="checkbox"/> HMD4505 | Initial and/or annual training for operators that treat medical waste not provided. HSC 117967(b) |
| <input type="checkbox"/> HMD4506 | Initial and/or annual training documentation for operators that treat medical waste not available for two years. HSC 117967(c) |

CHEMOTHERAPY, PATHOLOGY, PHARMACEUTICAL HAZARDOUS & UNIVERSAL WASTES

- | # | VIOLATION DESCRIPTION |
|----------------------------------|--|
| <input type="checkbox"/> HMD4401 | Trace chemotherapy waste not segregated from other MW. HSC 118275(a)(4) |
| <input type="checkbox"/> HMD4402 | Trace chemotherapy waste container not labeled "Chemotherapy Waste" or "CHEMO" on the lid and the sides. HSC 118275(a)(4) |
| <input type="checkbox"/> HMD4403 | Illegal disposal of chemotherapy waste. HSC 118340 |
| <input type="checkbox"/> HMD4411 | Pathology waste not segregated from other MW. HSC 118275(a)(5) |
| <input type="checkbox"/> HMD4412 | Pathology waste container not labeled "Pathology Waste" or "PATH" on the lid and the sides. HSC 118275(a)(5) |
| <input type="checkbox"/> HMD4413 | Illegal disposal of pathology waste. HSC 118340 |
| <input type="checkbox"/> HMD4421 | Pharmaceutical waste not segregated from other MW. HSC 118275(a)(6) |
| <input type="checkbox"/> HMD4422 | Pharmaceutical waste not labeled "HIGH HEAT" or "INCINERATION ONLY" on the lid and the sides. HSC 118275(a)(6) |
| <input type="checkbox"/> HMD4423 | Pharmaceutical waste stored more than 90 days when container is full, or stored longer than one year (maximum allowable time). HSC 118280(f) |
| <input type="checkbox"/> HMD4432 | Illegal disposal of pharmaceutical waste. HSC 118340, 118222(b) |
| <input type="checkbox"/> HMD4441 | Disposal of photo/hazwaste to an unauthorized point. HSC 25189.5 |
| <input type="checkbox"/> HMD0147 | Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2) |
| <input type="checkbox"/> HMD0307 | Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a), 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a), 66273.8(b) |

HM-9255 MW (06-17)

Fink, Robin

From: Scott Tillinghast <Scott@occserv.com>
Sent: Tuesday, March 2, 2021 3:34 PM
To: Fink, Robin
Subject: New CERS Acct Request (BD Integrated Diagnostic Solutions)
Attachments: 20210309-BD POC-HMBP CERS Application - HMF-1000.pdf

Hi Robin,

I am working with Anastasiya Gonzalez, nee Irhkin, on this one. Please find the attached file containing a CERS Application for a new company, BD Integrated Diagnostic Solutions. We will begin setting up the laboratory this month. Let me know if you have any questions. Please cc: me on the notification email once the account is set up.

Thank you for your help,

H. Scott Tillinghast | EHS Consultant | Occupational Services, Inc.
Increasing Your Company's Value by Reducing Compliance and Injury Risk
6397 Nancy Ridge Drive, San Diego, CA 92121 | Cell: 619-708-8138
www.occserv.com

**SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
Annual Carcinogen and Reproductive Toxin Reporting List**

Business Name: BD Integrated Diagnostic Solutions

Business Address: 11011 Torreyana Rd Ste 244

Business Owner or Operator: BD Integrated Diagnostic Solutions

Please complete the following by entering the chemical name in the chemical name column and then place a check ✓ in the quantity column that most closely estimates the amount on hand. If measured by volume, check the appropriate gallon column(s). If measured by weight, check the appropriate pound column(s). If the chemical is a trade secret, you should check the trade secret box. For example, if you have one pint of benzene you would write benzene in the chemical name column and place a check ✓ in the <1-gallon column.

(PLEASE NOTE: the symbol < means less than).

Chemical Name	<1 gal.	<1 lb.	<10 gal.	<10 lbs.	<55 gal.	<500 lbs.	Trade Secret
Amantadine hydrochloride	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chlorambucil	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Daunorubicin hydrochloride	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Doxorubicin hydrochloride	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flunisolide	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fluticasone propionate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Methanol	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Paclitaxel	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ribavirin	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trichloroacetic acid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trichloroacetic acid	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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**SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
Annual Carcinogen and Reproductive Toxin Reporting List**

Business Name: BD Integrated Diagnostic Solutions

Business Address: 11011 Torreyana Rd Ste 244

Business Owner or Operator: BD Integrated Diagnostic Solutions

Please complete the following by entering the chemical name in the chemical name column and then place a check ✓ in the quantity column that most closely estimates the amount on hand. If measured by volume, check the appropriate gallon column(s). If measured by weight, check the appropriate pound column(s). If the chemical is a trade secret, you should check the trade secret box. For example, if you have one pint of benzene you would write benzene in the chemical name column and place a check ✓ in the <1-gallon column.

(PLEASE NOTE: the symbol < means less than).

Chemical Name	<1 gal.	<1 lb.	<10 gal.	<10 lbs.	<55 gal.	<500 lbs.	Trade Secret
Amantadine hydrochloride	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chlorambucil	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Daunorubicin hydrochloride	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Doxorubicin hydrochloride	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flunisolide	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fluticasone propionate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Methanol	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Paclitaxel	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ribavirin	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trichloroacetic acid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trichloroacetic acid	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Permit #:

Date: 10/4/2016

SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
Annual Carcinogen and Reproductive Toxin Reporting List

Business Name: BioAtla, Inc.

Business Address: 11011 Torreyana Road, Suite 210, San Diego, CA 92121

Business Owner or Operator: BioAtla, Inc.

Please complete the following by entering the chemical name in the chemical name column and then place a check in the quantity column that most closely estimates the amount on hand. If measured by volume, check the appropriate gallon column(s). If measured by weight, check the appropriate pound column(s). If the chemical is a trade secret, you should check the trade secret box. For example, if you have one pint of benzene you would write benzene in the chemical name column and place a check in the <1-gallon column.

(PLEASE NOTE: the symbol < means less than).

Table with 8 columns: Chemical Name, <1 gal., <1 lb., <10 gal., <10 lbs., <55 gal., <500 lbs., Trade Secret. Rows include N-Methylpyrrolidone, Cactic acid, Chlorhexidone, Chloro, Diethanol amine, Ethanol, Formaldehyde, Methanol, Rifampin, Streptomycin sulfate, and several empty rows.

Permit #:

Date: 10/4/2016

SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
Annual Carcinogen and Reproductive Toxin Reporting List

Business Name: BioAtla, Inc.

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Please complete the following by entering the chemical name in the chemical name column and then place a check ✓ in the quantity column that most closely estimates the amount on hand. If measured by volume, check the appropriate gallon column(s). If measured by weight, check the appropriate pound column(s). If the chemical is a trade secret, you should check the trade secret box. For example, if you have one pint of benzene you would write benzene in the chemical name column and place a check ✓ in the <1-gallon column.

(PLEASE NOTE: the symbol < means less than).

Chemical Name	<1 gal.	<1 lb.	<10 gal.	<10 lbs.	<55 gal.	<500 lbs.	Trade Secret
N-Methylpyrrolidone	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Caclylic acid	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chlorophenol	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chloro	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diethanol amine	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ethanol	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Formaldehyde	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Methanol	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rafip	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Streptomycin sulfate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 01/24/2017

RECORD ID #: DEH2016-HUPFP-002990

TIME START: 3:00 PM END: 3:50 PM

SPECIALIST: Anastasiya Irkhin

INSPECTION CONTACT: Monica Sullivan

TITLE: VP of IP and Contracts

PHONE: (858) 558-0708

E-MAIL: msullivan@bioatla.com

FACILITY NAME: BioAtla
 ADDRESS: 11011 TORREYANA RD #210
 CITY/ZIP: SAN DIEGO /92121-1104

FACILITY REFERENCE DATA

ACCELA

RECORD STATUS: Pending Inspection
 PERMIT EXPIRATION DATE: 10/06/2016
 BALANCE DUE: \$0.00
 INSPECTOR: Anastasiya Irkhin
 INSPECTION TYPE: Initial
 INSPECTION STATUS: Complete

CERS

EPA ID NUMBER: CAL000387123
 FACILITY CERS ID NUMBER: 10705507
 CERS LEAD USER: Chad Hansen
 LAST CERS SUBMITTAL DATE: 10/04/2016
 ENVIRONMENTAL CONTACT EMAIL: msullivan@bioatla.com
 ENVIRONMENTAL CONTACT PHONE: (858) 558-0708

FACILITY INFORMATION

	YES	NO		YES	NO
INACTIVATION INSPECTION:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HAZARDOUS MATERIALS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CHANGE OF OWNER:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HAZARDOUS WASTE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CHANGE IN BUSINESS TYPE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ABOVEGROUND PETROLEUM STORAGE ACT:*	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS TYPE: <u>Biomedical/Biotech-Not Large Manufacturer</u>			TOTAL SHELL CAPACITY APSA:		<u>0</u>
ISSUE INITIAL INVOICE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	UNDERGROUND STORAGE TANK:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS NON-NOTIFICATION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CALARP PROGRAM (CERS):	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS RE-INSPECTION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CALARP PROGRAM LEVEL:	<input type="checkbox"/> 1	<input type="checkbox"/> 2
FACILITY SUBJECT TO BASE FEE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MEDICAL WASTE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
FACILITY SUBJECT TO CUPA FEE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MW FACILITY GENERATING OVER 200 LBS PER MONTH:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UPDATE FACILITY ADDRESS IN AA:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EPIC PARTICIPANT:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS CLOSE DATE:			NUMBER OF TLV GASES AT THE FACILITY:		<u>0</u>

HW GENERATOR STATUS : LOG SQG CESQG RCRA LOG N/A

TIERED PERMIT LEVEL(S) : CESQT CESW CE-L CE-CL HHW PBR CA N/A

PRIMARY BILLING CODE: Not Applicable SECONDARY BILLING CODE: Not Applicable TERTIARY BILLING CODE: Not Applicable

INSPECTION SCOPE:*

HAZARDOUS MATERIALS: GEN HAZMAT APSA UST HAZARDOUS WASTE: SQG LOG

MEDICAL WASTE: SQG SQG - TREATS LOG LOG - ABBREVIATED LOG - TREATS CALARP: 1 2 3

TIERED PERMITTING: CESQT CESW CE-L CE-CL CA PBR HHW

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT NAME: Monica Sullivan TITLE: VP of IP and Contracts

REMOVE BLANK CHECKLISTS FROM FINAL INSPECTION REPORT REFUSED TO SIGN



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

FACILITY NAME: BioAtla
 ADDRESS: 11011 TORREYANA RD #210
 CITY/ZIP: SAN DIEGO /92121-1104

INSPECTION DATE: 01/24/2017
 RECORD ID #: DEH2016-HUPFP-002990
 TIME START: 3:00 PM END: 3:50 PM
 SPECIALIST: Anastasiya Irkhin
 INSPECTION CONTACT: Monica Sullivan
 TITLE: VP of IP and Contracts
 PHONE: (858) 558-0708
 E-MAIL: msullivan@bioatla.com

INSPECTION REPORT EMAILS:

Anastasiya.Irkhin@sdcounty.ca.gov

RECORD COMMENT:

Initial inspection completed 1/24/2017. Facility is a SQMW generator and stores on-site reportable amounts of HM.



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: BioAtla
 ADDRESS: 11011 TORREYANA RD #210
 CITY/ZIP: SAN DIEGO /92121-1104

INSPECTION DATE: 01/24/2017 PAGE 1 OF 5
 RECORD ID #: DEH2016-HUPFP-002990
 TIME START: 3:00 PM END: 3:50 PM
 SPECIALIST: Anastasiya Irkhin
 INSPECTION CONTACT: Monica Sullivan
 TITLE: VP of IP and Contracts
 PHONE: (858) 558-0708
 E-MAIL: msullivan@bioatla.com

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit Current	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Contingency Plan Available <input type="checkbox"/> LQG <input type="checkbox"/> SQG
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hazardous Materials Business Plan Available	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training Records Available
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Employee Training is Adequate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Universal Waste Managed Properly
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Disposal Records Available for Review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers <input checked="" type="checkbox"/> Closed <input type="checkbox"/> Labeled
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Emergency Contacts Current <input type="checkbox"/> Updated today	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers in Good Condition
<input type="checkbox"/>	<input type="checkbox"/>	Chemical Inventory/Map Current <input type="checkbox"/> Updated today			Permit Expires On <u>10/06/2016</u>

CONSENT TO CONDUCT INSPECTION GRANTED BY: Monica Sullivan

TITLE: VP of IP and Contracts

INTRODUCTION:

Today an initial Certified Unified Program Agency (CUPA) inspection was completed at BioAtla to verify compliance with hazardous materials and medical waste regulations. At the time of inspection this facility is a small quantity medical waste generator and stores on-site reportable amounts of hazardous materials.

This facility is a biotech specializing in research for cancer therapeutics. This facility began operations at this location in 2012.

Facility notified the Hazardous Materials Division (HMD) of business activities by submitting information in the California Environmental Reporting System (CERS). CERS ID: 10705507

Also present during inspection: Haizhen Liu, Lab Manager

Observed during facility walk-through of laboratory areas:

- Red Bag waste
- Sharps waste
- Bleached & Sewered Liquid Bio-hazardous waste
- CO2 compressed gas - 6 x 50 pounds

Employee training documents on-site and reviewed.

Medical waste disposal documents on-site and reviewed.

Medical waste management plan on-site, at this time per disposal documents reviewed this facility is generating less than 200 pounds a month of medical waste.



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: <u>01/24/2017</u>	PAGE <u>2</u> OF <u>5</u>
RECORD ID #: <u>DEH2016-HUPFP-002990</u>	

INSPECTION REMARKS:

REMARK:

Within 30 days ensure that your CERS inventory is updated to include the new inventory on-site (CO2 & sharps waste). Per Monica Sullivan these inventory items are part of a new project/machine that has been installed in the lab space.

Ensure that sharps waste containers are properly labeled with a generator label.

Be advised that you are required to re-submit/re-certify your California Environmental Reporting System (CERS) Hazardous Materials Business Plan (HMBP) at least once every twelve months or within 30 days of a change occurring.

Helpful Websites:

- For guidance documents on hazardous materials-related topics,
go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS),
go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations,
go to: <http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails:
<https://public.govdelivery.com/accounts/CASAND/subscriber/new>

If you have any questions regarding this inspection, please contact Anastasiya Irkhin, 858-518-7388, Anastasiya.Irkhin@sdcounty.ca.gov

INSPECTION PHOTOS

None

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE Monica Sullivan	SIGNATURE		DATE SIGNED 01/24/2017
TITLE OF FACILITY REPRESENTATIVE VP of IP and Contracts			

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (858) 505-6880 <http://www.sdcdeh.org>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT Handlers of Hazardous Materials and Small and Large Quantity Generators of Hazardous Waste

INSPECTION DATE: 01/24/2017 PAGE 3 OF 5
RECORD ID #: DEH2016-HUPFP-002990

FACILITY NAME: *BioAtla

ADDRESS: * 11011 TORREYANA RD #210

CITY/ZIP: *SAN DIEGO

92121-1104

Each violation checked below is for the section(s) of the California Health and Safety Code (HSC), California Code of Regulations (CCR), or the San Diego County Code (SDCC) indicated in italics. Incorporated provisions of Title 40 of the Code of Federal regulations (CFR) are noted for reference. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. HMBP = Hazardous Materials Business Plan; CUPA = Certified Unified Program Agency; CERS = California Environmental Reporting System; SQG = Small Quantity Hazardous Waste Generator; LQG = Large Quantity Hazardous Waste Generator

Hazardous Materials Requirements

- | # | VIOLATION DESCRIPTION |
|--------------------------|--|
| <input type="checkbox"/> | 1010001 HMBP not established/ implemented. HSC 25505(a) and 25507(a) |
| <input type="checkbox"/> | 1010002 HMBP not submitted to the CUPA in CERS. HSC 25508(a)(1)(A); HSC 25404(e)(4); 27 CCR 15188(a), (d) |
| <input type="checkbox"/> | 1010003 Business Activities and/or Business Owner/Operator Identification not completed in CERS. 19 CCR 2729.2(a)(1); HSC 25404(e)(4) |
| <input type="checkbox"/> | 1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25506; 25507; and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1010005 Site map not submitted in CERS or not sufficient. HSC 25505(a)(2) and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1010006 HMBP not updated to reflect inventory changes or facility information. HSC 25508.1(a-e) |
| <input type="checkbox"/> | 1010007 HMBP not updated to reflect substantial change to the handler's operations. HSC 25508.1(f) |
| <input type="checkbox"/> | 1010008 HMBP not certified annually as complete and accurate in CERS. HSC 25508.2 |
| <input type="checkbox"/> | 1010010 Emergency response procedures to mitigate a release or threatened release not adequate, not established or not submitted in CERS. HSC 25505(a)(3) and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1010011 Failure to notify property owner in writing that the business is subject to the HMBP program. HSC 25505.1 |
| <input type="checkbox"/> | 1010012 Failure to provide a copy of HMBP to the property owner within five working days upon request from property owner. HSC 25505.1 |
| <input type="checkbox"/> | 1010014 Failure to submit emergency response plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1010015 Failure to submit employee training plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1010016 HMBP not established or submitted in CERS, when not meeting the remote site exemption. HSC 25507.2 and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1020001 Employee training plan for hazardous materials management not adequate, not established or not submitted in CERS. HSC 25505(a)(4) and 25508(a)(1)(A) |
| <input type="checkbox"/> | 1020002 Initial and/or annual employee training not conducted for hazardous materials management and/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4) |
| <input type="checkbox"/> | 1040001 Hazardous materials release or threatened release not reported to the CUPA and OES immediately upon discovery. HSC 25510(a) |
| <input type="checkbox"/> | 4010001 Failed to prepare and implement a written Spill Prevention Control and Countermeasures (SPCC) Plan in accordance with 40 CFR 112 (sec. 112.3). HSC 25270.4.5(a) |
| <input type="checkbox"/> | HMD 1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905 |
| <input type="checkbox"/> | HMD 1005 Emergency contact not provided or current. HSC 25508.1(f) |
| <input type="checkbox"/> | HMD 1007 Highly toxic gas (TLV<10 ppm) not disclosed. SDCC 68.1113(b) |
| <input type="checkbox"/> | HMD 1008 Annual carcinogen/reproductive toxin list not submitted. SDCC 68.1113(c) |
| <input type="checkbox"/> | HMD 1013 HMBP not readily available for review. HSC 25505(c) |

Hazardous Waste Requirements for SQGs ONLY

- | | |
|--------------------------|--|
| <input type="checkbox"/> | HMD 0226 Did not accumulate waste in a container or tank. (40 CFR 262.34(d)(2).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | HMD 0412 Failed to have an emergency coordinator on call or available during an emergency. (40 CFR 262.34(d)(5)(i).) 22 CCR 66262.34(d)(2) |

HM-923 (03-15)

Hazardous Waste Requirements for SQGs ONLY (continued)

- | # | VIOLATION DESCRIPTION |
|--------------------------|--|
| <input type="checkbox"/> | 3030007 Failed to properly label/date hazardous waste container and/or tank. 22 CCR 66262.34(f) |
| <input type="checkbox"/> | 3030010 Accumulated waste too long (>180 or 270 days) (>90 days for an acutely hazardous waste). (40 CFR 262.34(e) and (f).) HSC 25201(a); 22 CCR 66262.34(d) |
| <input type="checkbox"/> | 3030013 Failed to accumulate hazardous waste in a container that is in good condition. (40 CFR 262.34(d)(2); 265.171.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030015 Failed to accumulate or store hazardous waste in a lined/compatible container. (40 CFR 262.34(d)(2); 265.172) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030017 Failed to properly close hazardous waste container(s). (40 CFR 262.34(d)(2); 265.173.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030019 Failed to inspect hazardous waste storage area at least weekly. (40 CFR 262.34(d)(2); 265.174.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030022 Failed to properly separate incompatible waste. (40 CFR 262.34(d)(2); 265.177.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030030 Failed to maintain and/or operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents. (40 CFR 262.34(d)(4); 265.31.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030036 Failed to maintain adequate aisle space. (40 CFR 262.34(d)(4); 265.35.) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3010022 Failed to post, next to the telephone, emergency information containing the location of emergency equipment, contact names, and numbers. (40 CFR 262.34(d)(5)(ii).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3020001 Failed to ensure employees are trained for hazardous waste handling, compliance with regulations, and emergency response procedures. (40 CFR 262.34(d)(5)(iii).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030032 Failed to maintain or have emergency equipment, supplies, or equivalents. 1) An internal communication or alarm system; 2) A device, such as a telephone; 3) Portable fire extinguishers, fire control equipment, spill control equipment, and decontamination equipment; and 4) Water at adequate volume and pressure (40 CFR 262.34(d)(4); 265.32) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030039 Failed to implement contingency plan during an emergency, spill/ release. (40 CFR 262.34(d)(5)(iv).) 22 CCR 66262.34(d)(2) |

Hazardous Waste Tank Systems for SQGs ONLY

- | | |
|--------------------------|--|
| <input type="checkbox"/> | 3030024 Failed to maintain sufficient freeboard of 2 ft in uncovered tanks to prevent overtopping unless the tank is equipped with a containment structure, a drainage control system or a diversion structure with a capacity that equals or exceeds the volume of the top 2 ft of the tank. (40 CFR 62.34(d)(3); 265.201(b)(c).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030025 Failed to provide an overfill protection device on continuously fed hazardous waste tank. (40 CFR 262.34(d)(3); 265.201(b)(4).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030027 Failed to conduct daily tank inspection of the discharge system, monitoring equipment, and tank level. (40 CFR 265.201(c)(1), 265.201(c)(2), 265.201(c)(3), 262.34(d)(3).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3030028 Failed to conduct weekly inspections of the construction materials, fixtures, and surrounding areas of the hazardous waste tank. (40 CFR 265.201(c)(4); 265.201(c)(5); 262.34(d)(3).) 22 CCR 66262.34(d)(2) |
| <input type="checkbox"/> | 3050007 Failed to properly decontaminate and document closure of a hazardous waste tank system. (40 CFR 265.201(f).) 22 CCR 67383.3 |
| <input type="checkbox"/> | HMD 1612 Hazardous waste improperly stored in a tank system causing leaks, corrosion, or failure. (40 CFR 265.201(b).) 22 CCR 66262.34(d) |
| <input type="checkbox"/> | HMD 1614 Failed to pre-notify the CUPA in writing prior to closing a hazardous waste tank system. 22 CCR 67383.3(a)(1) |
| <input type="checkbox"/> | HMD 1615 Failed to properly accumulate ignitable or reactive waste in a tank system. (40 CFR 265.201(g).) 22 CCR 66262.34(d)(2) |



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Hazardous Materials and Hazardous Waste (continued)

Hazardous Waste Requirements for SOGs and LOGs RECORD KEEPING/OPERATIONAL REQUIREMENTS

- | | |
|---|-----------------------|
| # | VIOLATION DESCRIPTION |
|---|-----------------------|
- 3010001 Unified Program Facility (UPF) permit not obtained for the generation of hazardous waste. HSC 25404.1; SDCC 68.905
 - 3010029 The facility has not submitted complete and accurate facility information in CERS. HSC 25404(e)(4); 27 CCR 15188(b)
 - 3010002 Failed to obtain and/or maintain an active EPA ID. 22 CCR 66262.12
 - 3010008 Failed to properly complete a uniform hazardous waste manifest. 22 CCR 66262.23(a)
 - 3010009 Failed to complete the hazardous waste manifest Exception Requirement. 22 CCR 66262.42
 - 3010010 Failed to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a)
 - 3010011 Failed to send hazardous waste manifest copies to the Department of Toxic Substances Control (DTSC). 22 CCR 66262.23(a)(4)
 - 3010013 Failed to meet the consolidated manifesting requirements for waste shipment. HSC 25160.2; 22 CCR 66262.40(a)
 - 3010014 Failed to retain disposal records of spent lead batteries for 3 years. 22 CCR 66266.81(a)(4)(B)
 - 3030006 Failed to determine if a hazardous waste is restricted or prohibited from land disposal. 22 CCR 66268.7(a)
 - 3010016 Failure of recycler who recycles more than 100 kilograms per month of recyclable material under a claim that the material qualifies for exclusion or exemption to provide and submit in CERS the required information. HSC 25143.10(a), (c), and/or (d)
 - HMD 0149 Failed to keep disposal receipts for drained used oil filters and/or drained fuel filters for 3 years. HSC 25250.22; 22 CCR 66266.130
 - HMD 0148 Failed to have copies of analytical records, waste analysis records, and/or waste determination results for 3 years. 22 CCR 66262.40(c)
 - HMD 0140 Failed to have Land Disposal Restriction documentation onsite for 3 years. 22 CCR 66268.7(a)(8)
 - 3250005 Failed to obtain a Treatment, Storage and Disposal Facility (TSDF) permit or authorization to store/treat/dispose of hazardous waste. HSC 25201(a)
 - 3050005 Failed to have adequate records demonstrating claim of exemption for Excluded Recyclable Materials. HSC 25143.2(f); 22 CCR 66261.2(g)
 - 3210001 Failed to notify the CUPA in CERS for onsite hazardous waste treatment/tiered permitting. HSC 25201(a)
 - HMD 0138 Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a)

Hazardous Waste Requirements for SOGs and LOGs DISPOSAL AND TRANSPORTATION

- 3010007 Failed to prepare a hazardous waste manifest for the transport of a waste for off-site transfer, treatment, storage, or disposal. HSC 25160(b)(1) or (2), 25160.2(b)(9); 22 CCR 66262.20(a)
- 3030005 Failed to make a proper waste determination. 22 CCR 66262.11, 66262.40(c)
- 3050001 Failed to use a California registered hazardous waste transporter to transport hazardous waste. HSC 25163(a); 22 CCR 66263.41
- 3050002 Failed to properly dispose of hazardous waste at an authorized facility. HSC 25189.5(a); 25189(c),(d); 25189.2(c)
- 3130002 Impermissible dilution of hazardous waste. 22 CCR 66268.3(a)
- HMD 0305 Disposed of used oil illegally. HSC 25250.5(a); 25189.5(a); 25189(c),(d); 25189.2(c)
- HMD 0306 Disposed of hazardous waste latex paint improperly. HSC 25217.1

Hazardous Waste Requirements for SOGs and LOGs STORAGE AND HANDLING

- | | |
|---|-----------------------|
| # | VIOLATION DESCRIPTION |
|---|-----------------------|
- 3030001 Failed to meet requirements, when handling, and storing spent lead acid batteries. 22 CCR 66266.81(a)(1)
 - 3030003 Failed to properly manage 'damaged' spent lead acid batteries. 22 CCR 66266.81(b)
 - 3030004 Failed to properly manage, store, label, and/or recycle used oil filters and/or used fuel filters. HSC 25250.22; 22 CCR 66266.130
 - 3050004 Failed to properly manage contaminated used oil as a hazardous waste. HSC 25250.7(a), (c)
 - HMD 0222 Failed to properly label Excluded Recyclable Materials (ERM). HSC 25143.9(a).
 - HMD 0216 Failed to label hazardous material container within 10 days after the container was discovered to be mislabeled or inadequately labeled. HSC 25124(b)(3)(A); 22 CCR 66262.34(f)
 - HMD 0217 Failed to repack damaged/deteriorated hazardous material container within 96 hours. HSC 25124(b)(3)(B); 22 CCR 66262.34(f)
 - HMD 0219 Failed to properly segregate used oil &/or fuel drained from filters. HSC 25250.22(b)(4); 22 CCR 66266.130(c)(6)
 - HMD 0221 Failed to comply with hazardous waste satellite container regulation. 22 CCR 66262.34(e)
 - HMD 0223 Failed to properly empty container, failed to manage non-empty container, or inner liner removed from a container. 22 CCR 66261.7(b), (d) and/or (r); 66262.34(f)
 - HMD 0224 Failed to mark date on empty container larger than 5 gallons and/or manage it within one year. 22 CCR 66261.7(e),(f)

Universal Waste Handler Requirements

- 3010004 Failed to obtain an EPA ID number from DTSC or US EPA prior to storing 5,000 kg or more of universal waste. 22 CCR 66273.32(a),(b)
- 3020002 Failed to maintain universal waste handler training records for 3 years. 22 CCR 66273.36(c),(d)
- 3020003 Failed to properly train handlers of universal waste in universal waste management and response procedures. 22 CCR 66273.36(a),(b)
- 3030008 Failed to properly label or mark a universal waste (non-Conditionally Exempt Small Quantity Universal Waste Generator). 22 CCR 66273.34
- 3030011 Failed to properly dispose of universal waste within one year. 22 CCR 66273.35(a) and/or (b)
- 3030046 Failed to keep records of offsite universal waste (UW) shipment(s) available for inspection for 3 years. HSC 25185(a); 22 CCR 66273.39(c), (d)(2)
- 3030051 Failed to meet the accumulation standards for universal waste aerosol containers and waste handling. HSC 25201.16(f)
- 3040004 Failed to manage universal waste in a manner to prevent release(s) to the environment. 22 CCR 66273.33; 66273.33.5
- 3050003 Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a), 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a)



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 01/24/2017 PAGE 5 OF 5
 RECORD ID #: DEH2016-HUPFP-002990

Medical Waste Generators

Each violation checked below is for the section(s) of the California health and Safety Code (HSC), California Code of Regulation (CCR), or the San Diego County Code (SDCC) indicated in italics. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. UPF = Unified Program Facility; MW = Medical Waste; USPS = United States Postal Service; DOT = Department of Transportation

STORAGE AND LABELING

- | # | HMD | VIOLATION DESCRIPTION |
|--------------------------|------|---|
| <input type="checkbox"/> | 4201 | UPF Permit not obtained. HSC 117705; SDCC 68.905, 68.1202 |
| <input type="checkbox"/> | 4202 | Medical waste (MW) not separated from other waste at the point of origin. HSC 118275 |
| <input type="checkbox"/> | 4203 | Enclosure or designated accumulation area for MW containers not secured. HSC 118307, 118310 |
| <input type="checkbox"/> | 4204 | MW designated accumulation area not posted with an approved, legible biohazardous waste "warning sign" in English & Spanish which can be read from 25 ft. HSC 118310 |
| <input type="checkbox"/> | 4205 | Medical SOLID WASTE not secured to deny access to unauthorized persons. SDCC 68.1211 |
| <input type="checkbox"/> | 4206 | Spill of MW not properly cleaned up. HSC 118300 |
| <input type="checkbox"/> | 4207 | Sharps not stored in approved and properly marked sharps container. HSC 118285(a) & (d) |
| <input type="checkbox"/> | 4208 | Full sharps container not taped closed or tightly-lidded to preclude loss of contents. HSC 118285(b) |
| <input type="checkbox"/> | 4209 | Primary containers accumulating MW not labeled with generator's name, address, and phone number. SDCC 68.1205 |
| <input type="checkbox"/> | 4210 | Medical waste not stored in approved and properly marked biohazard bags. HSC 118275(a) |
| <input type="checkbox"/> | 4211 | Biohazard bags not tied off to prevent leakage/expulsion of contents during handling and storage. HSC 118280(a) |
| <input type="checkbox"/> | 4212 | Biohazard bags not containerized in rigid, leak resistant, and covered containers or bins when placed for storage, handling, or transport. HSC 118280(b) |
| <input type="checkbox"/> | 4213 | Waste container/bin not labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD" on the lid and sides. HSC 118280(c) |
| <input type="checkbox"/> | 4214 | Reusable containers/bins for MW storage not kept clean and sanitary. HSC 118295, 118305 |
| <input type="checkbox"/> | 4215 | Frozen (0°C/32°F) biohazardous waste stored >90 days. HSC 118280(e)(2) |
| <input type="checkbox"/> | 4306 | Full sharps container stored >30 days at >0°C. HSC 118285(c) |
| <input type="checkbox"/> | 4307 | Biohazard bag waste stored >7 days at >0°C (for generators of >20lbs/month). HSC 118280(e)(1)(A) |
| <input type="checkbox"/> | 4308 | Biohazard bag waste stored >30 days at >0°C (for generators of <20lbs/month). HSC 118280(e)(1)(B) |
| <input type="checkbox"/> | 4219 | MW interim storage area not marked with warning sign or biohazard symbol legible from 5 ft. HSC 118307, 118310 |
| <input type="checkbox"/> | 4220 | MW interim storage area not properly secured. HSC 118307 |

TREATMENT AND DISPOSAL

- | | | |
|--------------------------|------|--|
| <input type="checkbox"/> | 4251 | MW treated by unapproved method/procedure. HSC 118215 |
| <input type="checkbox"/> | 4252 | Standardized written operating procedures for steam sterilization not available. HSC 118215(a)(2)(A) |
| <input type="checkbox"/> | 4253 | Recording thermometer not calibrated annually. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> | 4254 | No records of annual thermometer calibration checks onsite for at least the past 2 years. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> | 4255 | Heat-sensitive tape/other approved method not used for each load treated onsite. HSC 118215(a)(2)(C) |
| <input type="checkbox"/> | 4256 | Monthly biological indicator or other approved method not used to confirm proper disinfection. HSC 118215(a)(2)(D) |
| <input type="checkbox"/> | 4257 | Onsite steam sterilization did not reach 121°C/250°F for 30 minutes. HSC 118215(a)(2)(B) |
| <input type="checkbox"/> | 4258 | Treatment records/logs of dates, time, and temperature not available for 2 years. HSC 118215(a)(2)(E) |
| <input type="checkbox"/> | 4259 | Disposal of untreated MW to an unauthorized point. HSC 118340 |

TRANSPORTATION REQUIREMENTS

- | # | HMD | VIOLATION DESCRIPTION |
|--------------------------|------|---|
| <input type="checkbox"/> | 4260 | Transportation of MW without State Hauler Registration, USPS or requirements of the DOT "Materials of Trade Exceptions." HSC 118025 |
| <input type="checkbox"/> | 4311 | Medical waste tracking documents/logs not in vehicle transporting medical waste. HSC 118040 |

SMALL QUANTITY GENERATORS ONLY

(<200 pounds of medical waste generated per month)

- | | | |
|--------------------------|------|---|
| <input type="checkbox"/> | 4301 | Medical Waste Management Plan (MWMP) not submitted to HMD (initial/updates), if onsite treatment. HSC 117935 |
| <input type="checkbox"/> | 4302 | Did not maintain and show proof of "onsite" medical waste treatment records for 3 years. HSC 117943 |
| <input type="checkbox"/> | 4303 | Did not retain on file disposal receipts, tracking/shipping documents for medical waste shipped offsite for 3 years. HSC 117945 |
| <input type="checkbox"/> | 4309 | MWMP or equivalent information not onsite (only for SQG doing onsite treatment or comply with pharmaceutical waste hauling exemption). HSC 117935, 118032 |

LARGE QUANTITY GENERATORS ONLY

(≥ 200 pounds of medical waste generated per month)

- | | | |
|--------------------------|------|--|
| <input type="checkbox"/> | 4351 | MWMP not submitted to HMD (initial/updates). HSC 117960, 117970 |
| <input type="checkbox"/> | 4352 | Records of medical waste treatment not available for 2 years. HSC 117975, 118215(a)(2)(E) |
| <input type="checkbox"/> | 4353 | Did not make available disposal receipts, tracking/shipping documents for at least 2 years for medical waste shipped offsite. HSC 117975 |

CHEMOTHERAPY, PATHOLOGY, PHARMACEUTICAL HAZARDOUS & UNIVERSAL WASTES

- | | | |
|--------------------------|---------|--|
| <input type="checkbox"/> | 4401 | Trace Chemo waste not segregated from other MW. HSC 118275(a)(4) |
| <input type="checkbox"/> | 4402 | Trace Chemo waste container not labeled "Chemotherapy Waste" or "CHEMO" on the lid and the sides. HSC 118275(a)(4) |
| <input type="checkbox"/> | 4403 | Illegal disposal of chemo waste. HSC 118340 |
| <input type="checkbox"/> | 4411 | Pathology waste not segregated from other MW. HSC 118275(a)(5) |
| <input type="checkbox"/> | 4412 | Pathology waste container not labeled "Pathology Waste" or "PATH" on the lid and the sides. HSC 118275(a)(5) |
| <input type="checkbox"/> | 4413 | Illegal disposal of pathology waste. HSC 118340 |
| <input type="checkbox"/> | 4421 | Pharm waste not segregated from other MW. HSC 118275(a)(6) |
| <input type="checkbox"/> | 4422 | Pharm waste not labeled "Incineration Only or HIGH HEAT" on the lid and the sides. HSC 118275(a)(6) |
| <input type="checkbox"/> | 4423 | Pharm waste stored >90 days when container full, or stored longer than one year (maximum allowable time). HSC 118280(f) |
| <input type="checkbox"/> | 4432 | Illegal disposal of pharm waste. HSC 118340, 118222(b) |
| <input type="checkbox"/> | 4441 | Disposal of photo/hazwaste to an unauthorized point. HSC 25189.5 |
| <input type="checkbox"/> | 3030046 | Failed to keep records of offsite universal waste shipment(s) available for inspection for 3 years. HSC 25185(a)(4); 22 CCR 66273.39(c),(d)(2) |
| <input type="checkbox"/> | 3050003 | Disposed of universal waste to an unauthorized point. HSC 25189.5(a); 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a) |

LOG MW ONSITE TREATMENT FACILITY

(≥ 200 pounds of medical waste generated per month)

- | | | |
|--------------------------|------|--|
| <input type="checkbox"/> | 4501 | Onsite MW treatment permit not obtained/renewed. HSC 117950, 118130, 65620, 65623 |
| <input type="checkbox"/> | 4502 | Current copy of the MW treatment permit not available. HSC 65621(f), 65623, 118165, 118180 |
| <input type="checkbox"/> | 4503 | Condition(s) of the MW treatment permit violated. HSC 65623 |



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 03/14/2018

RECORD ID #: DEH2016-HUPFP-002990

TIME START: 2:00 PM END: 2:30 PM

SPECIALIST: Anastasiya Irkhin

INSPECTION CONTACT: Haizhen Liu

TITLE: Senior Staff Scientist

PHONE: (858) 558-0708

E-MAIL: hliu@bioatla.com

FACILITY NAME: BioAtla
 ADDRESS: 11011 TORREYANA RD
 CITY/ZIP: SAN DIEGO /92121-1104

FACILITY REFERENCE DATA

ACCELA

RECORD STATUS: Permit Renewed
 PERMIT EXPIRATION DATE: 03/31/2018
 BALANCE DUE: \$703.00
 INSPECTOR: Anastasiya Irkhin
 INSPECTION TYPE: Closure
 INSPECTION STATUS: Complete

CERS

EPA ID NUMBER: CAL000387123
 FACILITY CERS ID NUMBER: 10705507
 CERS LEAD USER: Chad Hansen
 LAST CERS SUBMITTAL DATE: 03/05/2018
 ENVIRONMENTAL CONTACT EMAIL: msullivan@bioatla.com
 ENVIRONMENTAL CONTACT PHONE: (858) 558-0708

FACILITY INFORMATION

	YES	NO		YES	NO
INACTIVATION INSPECTION:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	HAZARDOUS MATERIALS:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CHANGE OF OWNER:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HAZARDOUS WASTE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CHANGE IN BUSINESS TYPE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ABOVEGROUND PETROLEUM STORAGE ACT:*	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS TYPE: <u>Biomedical/Biotech-Not Large Manufacturer</u>			TOTAL SHELL CAPACITY APSA:		<u>0</u>
ISSUE INITIAL INVOICE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	UNDERGROUND STORAGE TANK:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS NON-NOTIFICATION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CALARP PROGRAM (CERS):	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS RE-INSPECTION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CALARP PROGRAM LEVEL:	<input type="checkbox"/> 1	<input type="checkbox"/> 2
FACILITY SUBJECT TO BASE FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MEDICAL WASTE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FACILITY SUBJECT TO CUPA FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MW FACILITY GENERATING OVER 200 LBS PER MONTH:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UPDATE FACILITY ADDRESS IN AA:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EPIC PARTICIPANT:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS CLOSE DATE: * <u>02/03/2017</u>			NUMBER OF TLV GASES AT THE FACILITY:		<u>0</u>

HW GENERATOR STATUS : LOG SQG CESQG RCRA LOG N/A

TIERED PERMIT LEVEL(S) : CESQT CESW CE-L CE-CL HHW PBR CA N/A

PRIMARY BILLING CODE: Not Applicable SECONDARY BILLING CODE: Not Applicable TERTIARY BILLING CODE: Not Applicable

INSPECTION SCOPE:

HAZARDOUS MATERIALS: GEN HAZMAT APSA UST HAZARDOUS WASTE: SQG LOG

MEDICAL WASTE: SQG SQG - TREATS LOG LOG - ABBREVIATED LOG - TREATS CALARP: 1 2 3

TIERED PERMITTING: CESQT CESW CE-L CE-CL CA PBR HHW

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT NAME: Haizhen Liu TITLE: Senior Staff Scientist

REMOVE BLANK CHECKLISTS FROM FINAL INSPECTION REPORT REFUSED TO SIGN

TIME ACCOUNTING (Closure) TOTAL TIME ENTERED: 1

Date	Time	Group	Type
03/14/2018	0.5	HMD Inspection	Report Writing - Record
03/14/2018	0.5	HMD Inspection	Travel Time - Record

INSPECTION REPORT EMAILS:
Anastasiya.Irkhin@sdcounty.ca.gov



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 03/14/2018
 RECORD ID #: DEH2016-HUPFP-002990
 TIME START: 2:00 PM END: 2:30 PM
 SPECIALIST: Anastasiya Irkhin
 INSPECTION CONTACT: Haizhen Liu
 TITLE: Senior Staff Scientist
 PHONE: (858) 558-0708
 E-MAIL: hliu@bioatla.com

FACILITY NAME: BioAtla
 ADDRESS: 11011 TORREYANA RD
 CITY/ZIP: SAN DIEGO /92121-1104

RECORD COMMENT:

Closure inspection completed for BioAtla at 11011 Torreyana Rd. Facility has relocated to 11085 Torreyana Rd on 02/03/2018 per Haizhen Liu, Senior Staff Scientist. Facility representative notified the Hazardous Materials Division through the California Environmental Reporting System (CERS) that they have re-located.
 CERS ID: 10705507
 No hazardous substances or medical wastes remaining on behalf of BioAlta at 11011 Torreyana Rd



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: BioAtla
 ADDRESS: 11011 TORREYANA RD
 CITY/ZIP: SAN DIEGO /92121-1104

INSPECTION DATE: 03/14/2018 PAGE 1 OF 2
 RECORD ID #: DEH2016-HUPFP-002990
 TIME START: 2:00 PM END: 2:30 PM
 SPECIALIST: Anastasiya Irkhin
 INSPECTION CONTACT: Haizhen Liu
 TITLE: Senior Staff Scientist
 PHONE: (858) 558-0708
 E-MAIL: hliu@bioatla.com

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6. This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	Unified Program Facility Permit Current	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contingency Plan Available <input type="checkbox"/> LQG <input type="checkbox"/> SQG
<input type="checkbox"/>	<input type="checkbox"/>	Hazardous Materials Business Plan Available	<input type="checkbox"/>	<input type="checkbox"/>	Employee Training Records Available
<input type="checkbox"/>	<input type="checkbox"/>	Employee Training is Adequate	<input type="checkbox"/>	<input type="checkbox"/>	Universal Waste Managed Properly
<input type="checkbox"/>	<input type="checkbox"/>	Waste Disposal Records Available for Review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Containers <input type="checkbox"/> Closed <input type="checkbox"/> Labeled
<input type="checkbox"/>	<input type="checkbox"/>	Emergency Contacts Current <input type="checkbox"/> Updated today	<input type="checkbox"/>	<input type="checkbox"/>	Waste Containers in Good Condition
<input type="checkbox"/>	<input type="checkbox"/>	Chemical Inventory/Map Current <input type="checkbox"/> Updated today			Permit Expires On <u>03/31/2018</u>

CONSENT TO CONDUCT INSPECTION GRANTED BY: Haizhen Liu

TITLE: Senior Staff Scientist

INTRODUCTION:

Closure inspection completed for BioAtla at 11011 Torreyana Rd. Facility has relocated to 11085 Torreyana Rd on 02/03/2018 per Haizhen Liu, Senior Staff Scientist.

Facility representative notified the Hazardous Materials Division through the California Environmental Reporting System (CERS) that they have re-located.

CERS ID: 10705507

No hazardous substances or medical wastes remaining on behalf of BioAlta at 11011 Torreyana Rd.
 OK to suspend permit at this time for BioAtla at 11011 Torreyana Rd.

INSPECTION REMARKS:

Helpful Websites:

? For guidance documents on hazardous materials-related topics,?

go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html

? For information on the California Environmental Reporting System (CERS),?

go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html

? If you have questions on: permit fees, business plan requirements, or hazardous waste regulations,?

go to: <http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>

? To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails:?

<https://public.govdelivery.com/accounts/CASAND/subscriber/new>

If you have any questions regarding this inspection, please contact Anastasiya Irkhin, 858-518-7388,
Anastasiya.Irkhin@sdcounty.ca.gov

INSPECTION PHOTOS

None



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 03/14/2018 PAGE 2 OF 2
RECORD ID #: DEH2016-HUPFP-002990

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE Haizhen Liu	SIGNATURE 	DATE SIGNED 03/14/2018
TITLE OF FACILITY REPRESENTATIVE Senior Staff Scientist		

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (858) 505-6880 <http://www.sdcdeh.org>



Jared Blumenfeld
Secretary for
Environmental Protection



Department of Toxic Substances Control

Meredith Williams, Ph.D., Director
1001 "I" Street
P.O. Box 806
Sacramento, California 95812-0806



Gavin Newsom
Governor

Facility Search Results

Selection Criteria:

Facility: REVELATION
Search on: BIOSCIENCES
Street: Physical Address
City: 11011 Torreyana rd
Zip: san diego
Status: 92121
Sort Direction: Active and Inactive
Sorted By: asc
Records Found: EPA ID

1

EPA ID Number	Name	Address	City	Zip
CAL000459771	REVELATION BIOSCIENCES INC	11011 TORREYANA RD STE 102	SAN DIEGO	92121

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

Report Generation Date: 02/04/2021



Jared Blumenfeld
Secretary for
Environmental Protection



Department of Toxic Substances Control

Meredith Williams, Ph.D., Director
1001 "I" Street
P.O. Box 806
Sacramento, California 95812-0806



Gavin Newsom
Governor

Facility Search Results

Selection Criteria:

Facility: REVELATION
Search on: BIOSCIENCES
Street: Physical Address
City: 11011 Torreyana rd
Zip: san diego
Status: 92121
Sort Direction: Active and Inactive
Sorted By: asc
Records Found: EPA ID

1

EPA ID Number	Name	Address	City	Zip
CAL000459771	REVELATION BIOSCIENCES INC	11011 TORREYANA RD STE 102	SAN DIEGO	92121

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

Report Generation Date: 02/04/2021



Jared Blumenfeld
Secretary for
Environmental Protection



Department of Toxic Substances Control

Meredith Williams, Ph.D., Director
1001 "I" Street
P.O. Box 806
Sacramento, California 95812-0806



Gavin Newsom
Governor

Facility Search Results

Selection Criteria:

Facility: REVELATION
Search on: BIOSCIENCES
Street: Physical Address
City: 11011 Torreyana rd
Zip: san diego
Status: 92121
Sort Direction: Active and Inactive
Sorted By: asc
Records Found: EPA ID

1

EPA ID Number	Name	Address	City	Zip
CAL000459771	REVELATION BIOSCIENCES INC	11011 TORREYANA RD STE 102	SAN DIEGO	92121

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

Report Generation Date: 02/04/2021



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6880 FAX (858) 505-6848
<http://www.sdcdeh.org>



Medical Waste Management Plan

Facility Information	
Business Name Revelation Biosciences Inc	Permit or Registration #
Type of Business R&D	Date 04/05/2021
Street Address 11011 Torreyana Rd, Suite 102	City/ZIP 92121
Person Responsible for implementing the Medical Waste Management Plan (MWMP)	
Name Jackson Stephens	
Title Scientist	Phone 619-944-9443
Types of Medical Wastes (MW) Generated	
Please check the box for all types of medical waste that will be generated by your facility. Also estimate the number of pounds (lbs.) that will be generated each month. Definitions are in Chapter 2 of the Medical Waste Management Act in the California Health and Safety Code (HSC) §117625-117780.	
<input type="checkbox"/> Sharps waste - a device used in a healthcare setting that has acute rigid corners, edges, or protuberances capable of cutting or piercing. (e.g., needles, syringes, blades, scalpels, root canal files, Pasteur pipettes, or broken glass) Estimated monthly amount _____ lbs	<input checked="" type="checkbox"/> Biohazardous waste – regulated medical waste, clinical waste, or biomedical waste from the medical treatment of a human or from an animal that is suspected to be infected with a pathogen that is infectious to humans. Biohazardous waste also includes: Highly Communicable waste - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases. Laboratory waste – infectious specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, biologicals, and culture media. Fluid Blood or Blood Products – recognizable fluid human blood or blood products, containers, equipment containing human blood or blood from animals Estimated monthly amount <u>100</u> lbs
<input type="checkbox"/> Non RCRA Pharmaceutical waste - a prescription or over-the-counter human or veterinary drug that is not RCRA hazardous waste nor radiological waste. Estimated monthly amount _____ lbs	<input checked="" type="checkbox"/> Liquid/Semi-liquid biohazardous waste - treated onsite by chemical disinfection and discharged to sewer.* Estimated monthly amount <u>530</u> lbs
<input type="checkbox"/> Trace Chemotherapeutic waste - waste that is contaminated through contact or contained, chemotherapeutic agents. (e.g. gloves, disposable gowns, towels, and empty IV bags with attached tubing) Estimated monthly amount _____ lbs	<input type="checkbox"/> Other (specify): Estimated monthly amount _____ lbs
<input type="checkbox"/> Pathology waste – human body parts or animal tissues suspected to be infectious to humans or have been fixed in formaldehyde or other fixative Estimated monthly amount _____ lbs	
<input type="checkbox"/> Trauma Scene waste – waste that has been removed, is to be removed, or is in the process of being removed, from a trauma scene by a trauma scene waste management practitioner. Estimated monthly amount _____ lbs	
Estimate of <u>TOTAL</u> monthly medical waste generated: <u>130</u> lbs	

*Per HSC §118215(c), for liquid or semi-liquid biohazardous laboratory waste (§117690(b)(1)(B)), the treatment method must be recognized by the NIH, the CDC, or the American Biological Safety Association. If the chemical disinfection of the medical waste causes the waste to become a hazardous waste, the waste shall be managed in accordance with the requirements of HSC Chapter 6.5 (commencing with §25100) of Division 20.

Registered Medical Waste Hauler or Common Carrier

In accordance with HSC, a generator of medical waste shall maintain on file in its office all the following:

- (1) An information document stating how the generator contains, stores, treats, and disposes of any medical waste generated through any act or process of the generator. This document satisfies this requirement.
- (2) Tracking documents or electronically archived tracking documents maintained by the facility and medical waste hauler of all untreated medical waste shipped offsite for treatment. **LQGs must maintain these records for no less than two years** HSC § 117975; **SQGs must maintain these records for no less than three years** HSC § 117943.

Documentation shall be made available to the enforcement agency onsite.

Primary Medical Waste Transporter Veolia	CA Registration # 3400
Street Address 9530 Candida St,	City/ZIP San Diego, CA 92126
Contact Person CUSTOMER SERVICE	Phone # (858) 244-0486

How frequently will the waste be disposed? (e.g. weekly, monthly, quarterly): Weekly

Will employees be transporting waste to a central facility for disposal? * Yes No

Will the facility be treating any medical waste prior to disposal to municipal trash? * Yes No

If Yes, what method of treatment will be used?

Is there a plan to properly characterize and dispose of pharmaceutical waste in accordance with DEA, RCRA, Radiological Control Law if applicable? * Yes No

*Additional regulations may apply, contact [HMD Duty Desk](#) for more information.

Decontamination Procedure

In accordance with HSC§118295 and 118300, the following decontamination procedure is to be followed in the event of a biohazardous spill or contamination, to include but not limited to the reuse of rigid containers for medical waste. Approved methods of decontamination include, but are not limited to, agitation to remove visible soil combined with one of the following procedures:

Check the appropriate box indicating which method of disinfection you will use:

- Exposure to hot water 180°F for ≥ 15 seconds
- Rinse/Immersion in hypochlorite solution for ≥ 3 minutes
(500 ppm available chlorine)
- Rinse/Immersion in phenolic solution for ≥ 3 minutes
(500 ppm active agent)
- Rinse/Immersion in Iodoform solution for ≥ 3 minutes
(100 ppm available iodine)
- Rinse/Immersion in Quaternary ammonium solution for ≥ 3 minutes
(400 ppm available active agent)

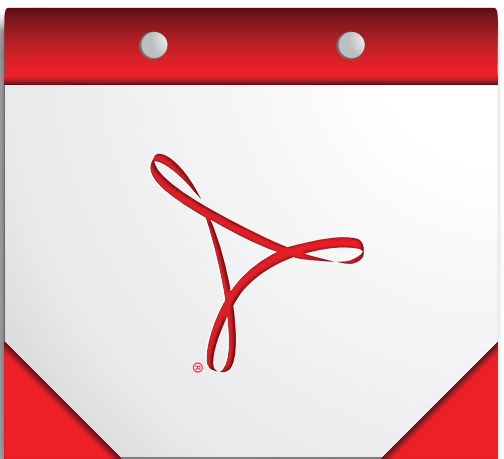
Acknowledgement

I have read and understood, as a medical waste generator, I am required to comply with the applicable requirements in the Medical Waste Management Act found in the California Health and Safety Code, Sections 117600-118360. Yes

Self-Certification Statement

I declare under penalty of law that to the best of my knowledge and belief, the statements made herein are correct and true. I hereby consent to all necessary inspections made pursuant to the California Medical Waste Management Act and incidental to the issuance of my permit or registration and the operation of this business.

Name Jackson Stephens	Title Scientist
Signature 	Date 05/06/2021
Date 04/08/2021	



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Get Adobe Reader Now!

Gabriel Haro

From: LUEG, APCDPermits <apcdpermits@sdapcd.org>
Sent: Monday, December 12, 2022 11:17 AM
To: Gabriel Haro
Subject: RE: Public Records Request - 11011 Torreyana Road, San Diego, CA 92121 (APN: 340-010-2900)
Attachments: PRA_12-09-22_G. Haro_11011 Torreyana Road, San Diego, CA 92121 (APN 340-010-2900).zip

Hello Gabriel,

The San Diego County Air Pollution Control District (“District”) has received your California Public Records Act request dated December 9, 2022 for Notices to Comply (NTC), Notices of Violation (NOV), Permits to Operate (PTO), and Site Inspection Reports from 1950-01-01 to 2022-12-09 for the address, 11011 Torreyana Road, San Diego, CA 92121 (APN: 340-010-2900). We have attached copies of the documents responsive to your request to this email, including site histories for your reference.

If you have any questions, then please do not hesitate to contact Public Records at (858) 586-2600.

Regards,



Atifa Said | Administrative Analyst | Public Records
San Diego County | Air Pollution Control District
10124 Old Grove Road, San Diego, CA 92131
C: 858-899-1431 | www.SDAPCD.org

CONFIDENTIALITY NOTICE: This email message, including any attachments, is for the sole use of the intended recipient(s). If you are not an intended recipient, then you may not review, use, copy, disclose or distribute this message or any of the information contained in this message to anyone. If you are not the intended recipient, then please contact the sender by reply email and destroy all copies of this message and any attachments.

From: noreply@sdapcd.org <noreply@sdapcd.org>
Sent: Friday, December 9, 2022 2:47 PM
To: noreply@sdapcd.org; gharo@ninyoandmoore.com
Subject: Public Records Request Form Submission

You've received a new form based mail from <https://www.sdapcd.org/content/sdapcd/about/public-records-request.html>

Submitted Data:

NAME*

Gabriel Haro

DATE

2022-12-09
2022-12-09

COMPANY

Ninyo & Moore

MAILING ADDRESS

5710 Ruffin Road

CITY

San Diego

STATE

CA

ZIP CODE

92123

PHONE NUMBER*

8585761000

FAX NUMBER

EMAIL ADDRESS*

gharo@ninyoandmoore.com

Requested Records*

Notices to Comply (NTC)

Notices of Violation (NOV)

Permits to Operate (PTO)

Site Inspection Reports

Other (describe)

TIME PERIOD OF DOCUMENTS REQUESTED FROM:

1950-01-01

TIME PERIOD OF DOCUMENTS REQUESTED TO:

2022-12-09

Equipment Location Address (N/A if unknown)*

11011 Torreyana Road, San Diego, CA 92121 (APN: 340-010-2900)

Owner Mailing Address

Billing Address

SITE I.D. NO. (if known)

APP and/or Permit NO. (if known)

I request that the SDAPCD contact me prior to copying the requested records if the cost exceeds \$20.00.

I would like copies of the requested records.

I hereby agree to reimburse the SDAPCD for the direct cost of duplication and any other applicable charges.

SIGNATURE OF REQUESTOR*

Gabriel Haro

DATE*

2022-12-09

2022-12-09



PERMIT ID

APCD2013-PTO-001530

Sectors: 3, G
Site ID: APCD2012-SITE-01190
App ID: APCD2012-APP-002382



Alliance Diversified Holdings LLC
 Kurtis Rarick
 PO Box 928769
 San Diego CA 92192

EQUIPMENT ADDRESS
 Alliance Diversified Holdings LLC
 11011 Torreyana
 San Diego CA 92121

PERMIT TO OPERATE
EXPIRES: April 30, 2014

This permit is not valid until required fees have been paid.

The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT DESCRIPTION

Emergency standby engine: Detroit Diesel/MTU diesel engine, Model 12V2000 G84 R123-8A36 (S/N: 5352005377) , rated at 1120 BHP, Model Year 2007, EPA Tier 2 certified of Engine Family Number 7MDDL31.8XRR, driving a 750 KW generator. Equipped with turbocharger and aftercooler.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [34H] California Certified Emergency Standby Engine

BEC: APCD2011-CON-000296

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

1. The engine shall be operated exclusively during emergencies as defined in Rule 69.4.1 or Rule 12 or 17CCR93115 as applicable, or for maintenance and testing.
2. This engine shall not be enrolled in a Demand Response Program (DRP) at any time. (17CCR 93115)
3. Engine operation for maintenance and testing purposes shall not exceed 50 hours per calendar year. (17 CCR 93115)
4. This engine shall only use CARB diesel fuel. (RULE 69.4.1, 17 CCR 93115)
5. Visible emissions including crank case smoke shall comply with Air Pollution Control District Rule 50. (Rule 50)
6. The equipment described above shall not cause or contribute to a public nuisance. (Rule 51)
7. This engine shall not operate for non-emergency use during the following periods, as applicable:
 - (a) whenever there is any school sponsored activity, if engine is located on school grounds or
 - (b) between 7:30am and 3:30pm on days when school is in session, if the engine is located within 500 feet of, but not on, school grounds.
 This condition shall not apply to an engine located at or near any school grounds that also serve as the students' place of residence. (17 CCR 93115)
8. Engine operation in response to notification of an impending rotating outage, shall be subject to all the following restrictions:



Sectors: 3, G

Site ID: APCD2012-SITE-01190

App ID: APCD2012-APP-002382



PERMIT TO OPERATE

EXPIRES: April 30, 2014

- (a) the utility distribution company has ordered rotating outages in the control area where the engine is located.
- (b) the engine is operated no more than 30 minutes prior to the time when the utility distribution company officially forecasts a rotating outage in the cited control area, and
- (c) the engine operation is terminated immediately after the utility distribution company advises that a rotating outage is no longer in effect.
- This condition shall not apply to engines operating pursuant to the rolling blackout reduction program as defined in 17 CCR 93115 and operating in accordance with 17 CCR 93115 (e)(2)(f). (17CCR93115)
9. A non-resettable engine hour meter shall be installed on this engine, maintained in good working order, and used for recording engine operation hours. If a meter is replaced, the Air Pollution Control District's Compliance Division shall be notified in writing within 10 calendar days. The written notification shall include the following information:
- (a) old meter's hour reading
- (b) replacement meter's manufacturer name, model and serial number if available and current hour reading on replacement meter
- (c) copy of receipt of new meter or of installation work order. A copy of the meter replacement notification shall be maintained onsite and made available to the Air Pollution Control District upon request.
(Rule 69.4.1, 17 CCR 93115)
10. The owner or operator of this engine shall conduct periodic maintenance of the engine and add-on control equipment, if any, as recommended by the engine and control equipment manufacturers or as specified by the engine servicing company's maintenance procedures. The periodic maintenance shall be conducted at least once each calendar year. (Rule 69.4.1)
11. The owner or operator of the engine shall maintain the following records on site for at least the same period of time as the engine to which the records apply is located at the site:
- (a) documentation shall be maintained identifying the fuel as CARB diesel.
- (b) manual of recommended maintenance provided by the manufacturer, or maintenance procedures specified by the engine servicing company; and
- (c) records of annual engine maintenance including date the maintenance was performed.
These records shall be made available to the Air Pollution Control District upon request.
(Rule 69.4.1)(17 CCR 93115)
12. The owner or operator of this engine shall maintain a monthly operating log containing, at a minimum, the following:
- (a) dates and times of engine operation; whether the operation was for maintenance and testing purposes or emergency use; and the nature of the emergency, if known;
- (b) hours of operation for all uses other than those specified above and identification of the nature of that use.
(Rule 69.4.1, 17 CCR 93115)
13. All operational and maintenance logs and fuel use and type and purchase records required by this permit shall be kept for a minimum of 36 months from their date of creation unless otherwise indicated by the conditions of this permit. The records shall be maintained onsite for a minimum of 24 months from their date of creation. Records for the last 24 months of operations shall be made available to the Air Pollution Control District upon request. Records for operation for the last 25 to 36 months shall be made available to the Air Pollution Control District within 5 working days of request. (69.4.1, 17 CCR 93115)
14. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be



COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601
www.sdapcd.org

PERMIT ID

APCD2013-PTO-001530

Sectors: 3, G

Site ID: APCD2012-SITE-01190

App ID: APCD2012-APP-002382



PERMIT TO OPERATE

EXPIRES: April 30, 2014

provided upon request of the Air Pollution Control District.

15. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
16. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601
www.sdapcd.org

PERMIT NO
 APCD2008-PTO-961744
EXPIRES
 May 31, 2011

Sectors: 03, G
ID#: APCD1992-SITE-08576
APP: APCD1997-APP-961744

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The following is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

Genentech Inc
 Owner Manager
 One Antibody Way
 Oceanside CA 92056

EQUIPMENT ADDRESS
 Tanox West Inc
 11011 Torreyan Rd
 San Diego CA 92121

EQUIPMENT DESCRIPTION

STEAM BOILER: PARKER INDUSTRIAL, 150 HP, 6.3 MM BTU/HR, NATURAL GAS FIRED, S/N 42645, WITH A LOW-NOX BURNER, PARKER INDUSTRIAL, MODEL PREMIX METAL FIBER. (982390 1/05)(ALC 961744 11/98)(975049 ALC 04/02)(08AUG02 ADD CONDITION #2800)
 JFTAPP985363MODIFTO220K THERMLIMITJUL2007TNO #986834 12548 13A01

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

1. This equipment shall not be operated at any time except where limited use of this equipment is allowed without a permit to operate under a Rule 11 exemption. This limited usage shall be subject to all other applicable prohibitory rules. All records and data necessary to substantiate this Rule 11 exemption shall be maintained on site for a minimum of three calendar years and made available to the District upon request.
2. If the previously applicable permit to operate (prior to inactivation) required source testing, the equipment shall be source tested within 60 calendar days of permit reactivation. This source testing is required to demonstrate compliance with emission standards contained in the previously applicable permit to operate, it is the responsibility of the permittee to schedule the source test with the District. The source test shall be performed or witnessed by the District.

Fee Schedules: 1 [49A] Non-Operational Status Equipment

BEC: 13044

Revised Date:



COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601
www.sdapcd.org

PERMIT NO
APCD2008-PTO-961744
EXPIRES
May 31, 2011

PERMIT TO OPERATE

3. The permittee shall submit an application and obtain written approval from the District prior to operating the equipment under inactive status. In the event new or additional requirements are applicable to this equipment upon reactivation, the permittee shall submit an application and additional information with corresponding fees to demonstrate how the permittee will comply with the new or additional requirements and to add corresponding permit conditions.
4. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.
5. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
6. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601
www.sdapcd.org

PERMIT NO
 APCD2008-PTO-961744
EXPIRES
 May 31, 2012

Sectors: 03, G
ID#: APCD1992-SITE-08576
APP: APCD1997-APP-961744

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The following is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

Tanox West Inc
 Gary Merrill
 11011 Torreyana
 San Diego CA 92121

EQUIPMENT ADDRESS
 Tanox West Inc
 11011 Torreyana
 San Diego CA 92121

EQUIPMENT DESCRIPTION

STEAM BOILER: PARKER INDUSTRIAL, 150 HP, 6.3 MM BTU/HR, NATURAL GAS FIRED, S/N 42645, WITH A LOW-NOX BURNER, PARKER INDUSTRIAL, MODEL PREMIX METAL FIBER. (982390 1/05)(ALC 961744 11/98)(975049 ALC 04/02)(08AUG02 ADD CONDITION #2800)
 JFTAPP985363MODIFTO220K THERMLIMITJUL2007TNO #986834 12548 13A01

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

1. This equipment shall not be operated at any time except where limited use of this equipment is allowed without a permit to operate under a Rule11 exemption. This limited usage shall be subject to all other applicable prohibitory rules. All records and data necessary to substantiate this Rule 11 exemption shall be maintained on site for a minimum of three calendar years and made available to the District upon request.
2. If the previously applicable permit to operate (prior to inactivation) required source testing, the equipment shall be source tested within60 calendar days of permit reactivation. This source testing is required to demonstrate compliance with emission standards contained in the previously applicable permit to operate, it is the responsibility of the permittee to schedule the source test with the District. The source test shall be performed or witnessed by the District.

Fee Schedules: 1 [49A] Non-Operational Status Equipment

BEC: 13044

Revised Date:

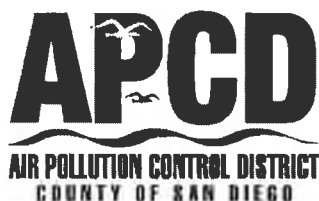


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www.sdapcd.org

PERMIT NO
APCD2008-PTO-961744
EXPIRES
May 31, 2012

PERMIT TO OPERATE

3. The permittee shall submit an application and obtain written approval from the District prior to operating the equipment under inactive status. In the event new or additional requirements are applicable to this equipment upon reactivation, the permittee shall submit an application and additional information with corresponding fees to demonstrate how the permittee will comply with the new or additional requirements and to add corresponding permit conditions.
4. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.
5. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
6. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



Air Pollution Control Board

Greg Cox	District 1
Dianne Jacob	District 2
Pam Slater-Price	District 3
Ron Roberts	District 4
Bill Horn	District 5

December 1, 2012

IMPORTANT NOTICE

GENENTECH INC
GARY MERRILL
ONCE ANTIBODY WAY
OCEANSIDE CA 92056

EQUIPMENT ADDRESS: 11011 TORREYANA, SAN DIEGO CA 92121

This is to inform you that your Permit to Operate No(s) APCD2008-PTO-961744 for your non-operational equipment was retired pursuant to San Diego County Air Pollution Control District 10(h) on December 1, 2012. This action was undertaken because you failed to renew the permit within the required six (6) months from the date of expiration.

If you wish to reinstate your permit, it must be done within six (6) months of the retirement date. To reinstate the permit, contact Permit Processing at (858) 586-2600.

Please be advised that any operation of the equipment after the retirement date described in the aforementioned Permit to Operate is a misdemeanor, which may be subject to substantial fines or penalties. If the equipment is observed in use by the District, appropriate legal action will be undertaken.

A new Permit to Operate may be applied for by submitting an application and the necessary fee to the Air Pollution Control District.

A handwritten signature in black ink that reads 'Jayne Hurley'. The signature is written in a cursive, flowing style.

JAYNE HURLEY
Supervisor, Permit Processing

JH:el

cc: Compliance
Reading File
Site File

I.D.: APCD1992-SITE-08576/Sector G
December 1, 2012



COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601
www.sdapcd.org

PERMIT NO
 APCD2008-PTO-976831
EXPIRES
 May 31, 2011

Sectors: 03, G
ID#: APCD1992-SITE-08576
APP: APCD2001-APP-976831

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The following is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

Tanox West Inc
 Gary Merrill
 11011 Torreyana
 San Diego CA 92121

EQUIPMENT ADDRESS
 Tanox West Inc
 11011 Torreyana
 San Diego CA 92121

EQUIPMENT DESCRIPTION

EMERGENCY STANDBY ENGINE: CATERPILLAR DIESEL ENGINE, MODEL 3512B, S/N 1GZ00544, 2155 BHP, EPA TIER 1 CERTIFIED OF ENGINE FAMILY NUMBER 1CPXL58.6ERK, DRIVING A 1500 KW GENERATOR. (976831-CCN-2/02)(982390 1/05) 17CCR93115 SJE11/05TNO #986834 12828 34H01

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

1. The engine shall be operated exclusively during emergencies as defined in Rule 69.4.1 or Rule 12 or 17CCR93115 as applicable, or for maintenance and testing.
2. Engine operation for maintenance and testing purposes shall not exceed 30 hours per calendar year. (17 CCR 93115)
3. This engine shall only use CARB diesel fuel. (RULE 69.4.1, 17 CCR 93115)
4. Visible emissions including crank case smoke shall comply with Air Pollution Control District Rule 50. (Rule 50)

Fee Schedules: 1 [34H] California Certified Emergency Standby Engine

BEC: APCD2010-CON-000189

Revised Date:

Page 1 of 3

Print Date: April 26, 2011



PERMIT TO OPERATE

5. The equipment described above shall not cause or contribute to a public nuisance. (Rule 51)

6. This engine shall not operate for non-emergency use during the following periods, as applicable:
 - (a) Whenever there is any school sponsored activity, if engine is located on school grounds or
 - (b) Between 7:30am and 3:30pm on days when school is in session, if the engine is located within 500 feet of, but not on, school grounds.This condition shall not apply to an engine located at or near any school grounds that also serve as the students' place of residence. (17 CCR 93115)

7. Engine operation in response to notification of an impending rotating outage, shall be subject to all the following restrictions:
 - (a) The utility distribution company has ordered rotating outages in the control area where the engine is located.
 - (b) The engine is operated no more than 30 minutes prior to the time when the utility distribution company officially forecasts a rotating outage in the cited control area, and
 - (c) The engine operation is terminated immediately after the utility distribution company advises that a rotating outage is no longer in effect.This condition shall not apply to engines operating pursuant to the rolling blackout reduction program as defined in 17 CCR 93115 and operating in accordance with 17 CCR 93115 (e)(2)(f). (17CCR93115)

8. A non-resettable engine hour meter shall be installed on this engine, maintained in good working order, and used for recording engine operation hours. If a meter is replaced, the Air Pollution Control District's Compliance Division shall be notified in writing within 10 calendar days. The written notification shall include the following information:
 - (a) Old meter's hour reading
 - (b) Replacement meter's manufacturer name, model and serial number if available and current hour reading on replacement meter
 - (c) Copy of receipt of new meter or of installation work order. A copy of the meter replacement notification shall be maintained onsite and made available to the Air Pollution Control District upon request.(Rule 69.4.1, 17 CCR 93115)

9. The owner or operator of this engine shall conduct periodic maintenance of the engine and add-on control equipment, if any, as recommended by the engine and control equipment manufacturers or as specified by the engine servicing company's maintenance procedures. The periodic maintenance shall be conducted at least once each calendar year. (Rule 69.4.1)



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10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
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www.sdapcd.org

PERMIT NO
APCD2008-PTO-976831
EXPIRES
May 31, 2011

PERMIT TO OPERATE

10. The owner or operator of the engine shall maintain the following records on site for at least the same period of time as the engine to which the records apply is located at the site:
 - (a) Documentation shall be maintained identifying the fuel as CARB diesel.
 - (b) Manual of recommended maintenance provided by the manufacturer, or maintenance procedures specified by the engine servicing company; and
 - (c) Records of annual engine maintenance including date the maintenance was performed.These records shall be made available to the Air Pollution Control District upon request.
(Rule 69.4.1)(17 CCR 93115)
11. The owner or operator of this engine shall maintain a monthly operating log containing, at a minimum, the following:
 - (a) Dates and times of engine operation; whether the operation was for maintenance and testing purposes or emergency use; and the nature of the emergency, if known;
 - (b) Hours of operation for all uses other than those specified above and identification of the nature of that use.(Rule 69.4.1, 17 CCR 93115)
12. All operational and maintenance logs and fuel use and type and purchase records required by this permit shall be kept for a minimum of 36 months from their date of creation unless otherwise indicated by the conditions of this permit. The records shall be maintained onsite for a minimum of 24 months from their date of creation. Records for the last 24 months of operations shall be made available to the Air Pollution Control District upon request. Records for operation for the last 25 to 36 months shall be made available to the Air Pollution Control District within 5 working days of request. (69.4.1, 17 CCR 93115)
13. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.
14. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
15. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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PERMIT NO
 APCD2008-PTO-976831
EXPIRES
 May 31, 2011

Sectors: 03, G
ID#: APCD1992-SITE-08576
APP: APCD2001-APP-976831

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The following is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

Genentech Inc
 Owner Manager
 One Antibody Way
 Oceanside CA 92056

EQUIPMENT ADDRESS
 Tanox West Inc
 11011 Torreyan Rd
 San Diego CA 92121

EQUIPMENT DESCRIPTION

EMERGENCY STANDBY ENGINE: CATERPILLAR DIESEL ENGINE, MODEL 3512B, S/N 1GZ00544, 2155 BHP, EPA TIER 1 CERTIFIED OF ENGINE FAMILY NUMBER 1CPXL58.6ERK, DRIVING A 1500 KW GENERATOR.(976831-CCN-2/02)(982390 1/05) 17CCR93115 SJE11/05TNO #986834 12828 34H01

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

1. This equipment shall not be operated at any time except where limited use of this equipment is allowed without a permit to operate under a Rule11 exemption. This limited usage shall be subject to all other applicable prohibitory rules. All records and data necessary to substantiate this Rule 11 exemption shall be maintained on site for a minimum of three calendar years and made available to the District upon request.
2. If the previously applicable permit to operate (prior to inactivation) required source testing, the equipment shall be source tested within60 calendar days of permit reactivation. This source testing is required to demonstrate compliance with emission standards contained in the previously applicable permit to operate, it is the responsibility of the permittee to schedule the source test with the District. The source test shall be performed or witnessed by the District.

Fee Schedules: 1 [49A] Non-Operational Status Equipment

BEC: 13044

Revised Date:

Page 1 of 2

Print Date: November 5, 2010



COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601
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PERMIT NO
APCD2008-PTO-976831
EXPIRES
May 31, 2011

PERMIT TO OPERATE

3. The permittee shall submit an application and obtain written approval from the District prior to operating the equipment under inactive status. In the event new or additional requirements are applicable to this equipment upon reactivation, the permittee shall submit an application and additional information with corresponding fees to demonstrate how the permittee will comply with the new or additional requirements and to add corresponding permit conditions.
4. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.
5. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
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PERMIT NO
 APCD2008-PTO-976831
EXPIRES
 May 31, 2012

Sectors: 03, G
ID#: APCD1992-SITE-08576
APP: APCD2001-APP-976831

PERMIT TO OPERATE

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Tanox West Inc
 Gary Merrill
 11011 Torreyana
 San Diego CA 92121

EQUIPMENT ADDRESS
 Tanox West Inc
 11011 Torreyana
 San Diego CA 92121

EQUIPMENT DESCRIPTION

EMERGENCY STANDBY ENGINE: CATERPILLAR DIESEL ENGINE, MODEL 3512B, S/N 1GZ00544, 2155 BHP, EPA TIER 1 CERTIFIED OF ENGINE FAMILY NUMBER 1CPXL58.6ERK, DRIVING A 1500 KW GENERATOR. (976831-CCN-2/02)(982390 1/05) 17CCR93115 SJE11/05TNO #986834 12828 34H01

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

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1. The engine shall be operated exclusively during emergencies as defined in Rule 69.4.1 or Rule 12 or 17CCR93115 as applicable, or for maintenance and testing.
2. Engine operation for maintenance and testing purposes shall not exceed 30 hours per calendar year. (17 CCR 93115)
3. This engine shall only use CARB diesel fuel. (RULE 69.4.1, 17 CCR 93115)
4. Visible emissions including crank case smoke shall comply with Air Pollution Control District Rule 50. (Rule 50)

Fee Schedules: 1 [34H] California Certified Emergency Standby Engine

BEC: APCD2010-CON-000189

Revised Date:

Page 1 of 4

Print Date: May 31, 2011



PERMIT TO OPERATE

5. The equipment described above shall not cause or contribute to a public nuisance. (Rule 51)

6. This engine shall not operate for non-emergency use during the following periods, as applicable:
 - (a) Whenever there is any school sponsored activity, if engine is located on school grounds or
 - (b) Between 7:30am and 3:30pm on days when school is in session, if the engine is located within 500 feet of, but not on, school grounds.This condition shall not apply to an engine located at or near any school grounds that also serve as the students' place of residence. (17 CCR 93115)

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 - (a) The utility distribution company has ordered rotating outages in the control area where the engine is located.
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 - (c) The engine operation is terminated immediately after the utility distribution company advises that a rotating outage is no longer in effect.This condition shall not apply to engines operating pursuant to the rolling blackout reduction program as defined in 17 CCR 93115 and operating in accordance with 17 CCR 93115 (e)(2)(f). (17CCR93115)

8. A non-resettable engine hour meter shall be installed on this engine, maintained in good working order, and used for recording engine operation hours. If a meter is replaced, the Air Pollution Control District's Compliance Division shall be notified in writing within 10 calendar days. The written notification shall include the following information:
 - (a) Old meter's hour reading
 - (b) Replacement meter's manufacturer name, model and serial number if available and current hour reading on replacement meter
 - (c) Copy of receipt of new meter or of installation work order. A copy of the meter replacement notification shall be maintained onsite and made available to the Air Pollution Control District upon request.(Rule 69.4.1, 17 CCR 93115)

9. The owner or operator of this engine shall conduct periodic maintenance of the engine and add-on control equipment, if any, as recommended by the engine and control equipment manufacturers or as specified by the engine servicing company's maintenance procedures. The periodic maintenance shall be conducted at least once each calendar year. (Rule 69.4.1)



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PERMIT NO
APCD2008-PTO-976831
EXPIRES
May 31, 2012

PERMIT TO OPERATE

10. The owner or operator of the engine shall maintain the following records on site for at least the same period of time as the engine to which the records apply is located at the site:
 - (a) Documentation shall be maintained identifying the fuel as CARB diesel.
 - (b) Manual of recommended maintenance provided by the manufacturer, or maintenance procedures specified by the engine servicing company; and
 - (c) Records of annual engine maintenance including date the maintenance was performed.These records shall be made available to the Air Pollution Control District upon request.
(Rule 69.4.1)(17 CCR 93115)

11. The owner or operator of this engine shall maintain a monthly operating log containing, at a minimum, the following:
 - (a) Dates and times of engine operation; whether the operation was for maintenance and testing purposes or emergency use; and the nature of the emergency, if known;
 - (b) Hours of operation for all uses other than those specified above and identification of the nature of that use.(Rule 69.4.1, 17 CCR 93115)

12. All operational and maintenance logs and fuel use and type and purchase records required by this permit shall be kept for a minimum of 36 months from their date of creation unless otherwise indicated by the conditions of this permit. The records shall be maintained onsite for a minimum of 24 months from their date of creation. Records for the last 24 months of operations shall be made available to the Air Pollution Control District upon request. Records for operation for the last 25 to 36 months shall be made available to the Air Pollution Control District within 5 working days of request. (69.4.1, 17 CCR 93115)

13. The permittee shall submit an application and obtain written approval from the District prior to operating the equipment under inactive status. In the event new or additional requirements are applicable to this equipment upon reactivation, the permittee shall submit an application and additional information with corresponding fees to demonstrate how the permittee will comply with the new or additional requirements and to add corresponding permit conditions.

14. If the previously applicable permit to operate (prior to inactivation) required source testing, the equipment shall be source tested within 60 calendar days of permit reactivation. This source testing is required to demonstrate compliance with emission standards contained in the previously applicable permit to operate, it is the responsibility of the permittee to schedule the source test with the District. The source test shall be performed or witnessed by the District.



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PERMIT NO
APCD2008-PTO-976831
EXPIRES
May 31, 2012

PERMIT TO OPERATE

15. This equipment shall not be operated at any time except where limited use of this equipment is allowed without a permit to operate under a Rule 11 exemption. This limited usage shall be subject to all other applicable prohibitory rules. All records and data necessary to substantiate this Rule 11 exemption shall be maintained on site for a minimum of three calendar years and made available to the District upon request.
16. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.
17. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
18. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)

Detailed Description:

Record Status: **Active**

Contacts

APCD Equipment Location	Tanox West Inc	11011 Torreyana	San Diego, CA	92121	760-231-2427
APCD PTO Mailing	Tanox West Inc	11011 Torreyana	San Diego, CA	92121	760-231-2427
APCD Invoice Mailing	Genentech Inc	One Antibody Wy	Oceanside, CA	92056	760-231-2427
APCD Equipment Owner	Genentech Inc	One Antibody Wy	Oceanside, CA	92056	760-231-2427
APCD ATC Mailing	Genentech Inc	One Antibody Wy	Oceanside, CA	92056	760-231-2427

Military Base	No	Type Ownership:	
Military Activity	No	Name of Legal Owner:	
PERP	-	TPY:	No
Title V	No	Inspection Sectors:	10
SIC:	8731	VAX Site ID:	92162 A
Inspection Month:	3	Source Test Alias:	
Renewal Month:	0	Expiration Month:	07/2012
Frequency:	-	Delinquent Month::	
Site Status:	A	Parcel #:	-

Open Applications:	0	Active Permits:	0	Breakdowns:	0	Notices of Violation:	0
Approved Applications:	6	Approved Permits:	0	Corrective Actions:	0	Notices to Comply:	0
Cancelled Applications:	0	Retired Permits:	2	Complaints:	0	Notices to Repair:	0
Denied Applications:	0			Hearing Board Items:	0	Title V:	0
				Jobs:	0	Vapor Recovery Test:	0

Parent: APCD2001-APP-976831
 Equipment Type: [34H] California Certified Emergency Standby Engine

Units: 1

Status: **Retired**

Stationary

REC: APCD2010-CON-000189

LEGACY REC:
 APCD2010-CON-000189

Opened:07/31/2009

Permit Description: EMERGENCY STANDBY ENGINE: CATERPILLAR DIESEL ENGINE, MODEL 3512B, S/N 1GZ00544, 2155 BHP, EPA TIER 1 CERTIFIED OF ENGINE FAMILY NUMBER 1CPXL58.6ERK, DRIVING A 1500 KW GENERATOR. (976831-CCN-2/02)(982390 1/05) 17CCR93115 SJE11/05TNO #986834 12828 34H01

Notes:

Inspection Frequency: -

Expiration: 5/31/2012

Expiration Status:Inactive

Source Test: -

Source Test Frequency:

Conditions	#	Name	Description
	1	C40239	The engine shall be operated exclusively during emergencies as defined in Rule 69.4.1 or Rule 12 or 17CCCR93115 as applicable, or for maintenance and testing.
	2	C40296	Engine operation for maintenance and testing purposes shall not exceed 30 hours per calendar year. (17 CCR 93115)
	3	C28412	This engine shall only use CARB diesel fuel. (RULE 69.4.1, 17 CCR 93115)
	4	C28413	Visible emissions including crank case smoke shall comply with Air Pollution Control District Rule 50. (Rule 50)
	5	C28414	The equipment described above shall not cause or contribute to a public nuisance. (Rule 51)
	6	C28415	This engine shall not operate for non-emergency use during the following periods, as applicable: (a) Whenever there is any school sponsored activity, if engine is located on school grounds or (b) Between 7:30am and 3:30pm on days when school is in session, if the engine is located within 500 feet of, but not on, school grounds. This condition shall not apply to an engine located at or near any school grounds that also serve as the students' place of residence. (17 CCR 93115)
	7	C28560	Engine operation in response to notification of an impending rotating outage, shall be subject to all the following restrictions: (a) The utility distribution company has ordered rotating outages in the control area where the engine is located. (b) The engine is operated no more than 30 minutes prior to the time when the utility distribution company officially forecasts a rotating outage in the cited control area, and (c) The engine operation is terminated immediately after the utility distribution company advises that a rotating outage is no longer in effect. This condition shall not apply to engines operating pursuant to the rolling blackout reduction program as defined in 17 CCR 93115 and operating in accordance with 17 CCR 93115 (e)(2)(f). (17CCCR93115)

- 8 C28419 A non-resettable engine hour meter shall be installed on this engine, maintained in good working order, and used for recording engine operation hours. If a meter is replaced, the Air Pollution Control District's Compliance Division shall be notified in writing within 10 calendar days. The written notification shall include the following information:
- (a) Old meter's hour reading
 - (b) Replacement meter's manufacturer name, model and serial number if available and current hour reading on replacement meter
 - (c) Copy of receipt of new meter or of installation work order. A copy of the meter replacement notification shall be maintained onsite and made available to the Air Pollution Control District upon request. (Rule 69.4.1, 17 CCR 93115)
- 9 C28417 The owner or operator of this engine shall conduct periodic maintenance of the engine and add-on control equipment, if any, as recommended by the engine and control equipment manufacturers or as specified by the engine servicing company's maintenance procedures. The periodic maintenance shall be conducted at least once each calendar year. (Rule 69.4.1)
- 10 C28420 The owner or operator of the engine shall maintain the following records on site for at least the same period of time as the engine to which the records apply is located at the site:
- (a) Documentation shall be maintained identifying the fuel as CARB diesel.
 - (b) Manual of recommended maintenance provided by the manufacturer, or maintenance procedures specified by the engine servicing company; and
 - (c) Records of annual engine maintenance including date the maintenance was performed.
- These records shall be made available to the Air Pollution Control District upon request. (Rule 69.4.1)(17 CCR 93115)
- 11 C28421 The owner or operator of this engine shall maintain a monthly operating log containing, at a minimum, the following:
- (a) Dates and times of engine operation; whether the operation was for maintenance and testing purposes or emergency use; and the nature of the emergency, if known;
 - (b) Hours of operation for all uses other than those specified above and identification of the nature of that use. (Rule 69.4.1, 17 CCR 93115)
- 12 C28423 All operational and maintenance logs and fuel use and type and purchase records required by this permit shall be kept for a minimum of 36 months from their date of creation unless otherwise indicated by the conditions of this permit. The records shall be maintained onsite for a minimum of 24 months from their date of creation. Records for the last 24 months of operations shall be made available to the Air Pollution Control District upon request. Records for operation for the last 25 to 36 months shall be made available to the Air Pollution Control District within 5 working days of request. (69.4.1, 17 CCR 93115)
- 13 C29488 The permittee shall submit an application and obtain written approval from the District prior to operating the equipment under inactive status. In the event new or additional requirements are applicable to this equipment upon reactivation, the permittee shall submit an application and additional information with corresponding fees to demonstrate how the permittee will comply with the new or additional requirements and to add corresponding permit conditions.
- 14 C29055 If the previously applicable permit to operate (prior to inactivation) required source testing, the equipment shall be source tested within 60 calendar days of permit reactivation. This source testing is required to demonstrate compliance with emission standards contained in the previously applicable permit to operate, it is the responsibility of the permittee to schedule the source test with the District. The source test shall be performed or witnessed by the District.
- 15 C981 This equipment shall not be operated at any time except where limited use of this equipment is allowed without a permit to operate under a Rule 11 exemption. This limited usage shall be subject to all other applicable prohibitory rules. All records and data necessary to substantiate this Rule 11 exemption shall be maintained on site for a minimum of three calendar years and made available to the District upon request.

Inspection	Date	Inspector	Status
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Version History

Version Number	Revision Date	Application	Site	Reason
1	11/5/2010			
2	4/8/2011	APCD2011-APP-001594	APCD1992-SITE-08576	Other
3	5/31/2011			

Parent: APCD1997-APP-961744

Equipment Type: [49A] Non-Operational Status Equipment

Units: 1

Status: **Retired**

BECC:

LEGACY BEC: 13044

Opened:07/31/2009

Permit Description: STEAM BOILER: PARKER INDUSTRIAL, 150 HP, 6.3 MM BTU/HR, NATURAL GAS FIRED, S/N 42645, WITH A LOW-NOX BURNER, PARKER INDUSTRIAL, MODEL PREMIX METAL FIBER. (982390 1/05)/ALC 961744 11/98/(975049 ALC 04/02)/(08AUG02 ADD CONDITION #2800)JFTAPP985363MODIFTO220KTHERMLIMITJUL2007TNO #986834 12548 13A01

Notes:

Inspection Frequency: -

Expiration: 5/31/2012

Expiration Status:Expired

Source Test: -

Source Test Frequency:

Conditions

- | # | Name | Description |
|---|--------|---|
| 1 | C981 | This equipment shall not be operated at any time except where limited use of this equipment is allowed without a permit to operate under a Rule11 exemption. This limited usage shall be subject to all other applicable prohibitory rules. All records and data necessary to substantiate this Rule 11 exemption shall be maintained on site for a minimum of three calendar years and made available to the District upon request. |
| 2 | C29055 | If the previously applicable permit to operate (prior to inactivation) required source testing, the equipment shall be source tested within60 calendar days of permit reactivation. This source testing is required to demonstrate compliance with emission standards contained in the previously applicable permit to operate, it is the responsibility of the permittee to schedule the source test with the District. The source test shall be performed or witnessed by the District. |
| 3 | C29488 | The permittee shall submit an application and obtain written approval from the District prior to operating the equipment under inactive status. In the event new or additional requirements are applicable to this equipment upon reactivation, the permittee shall submit an application and additional information with corresponding fees to demonstrate how the permittee will comply with the new or additional requirements and to add corresponding permit conditions. |

Inspection	Date	Inspector	Status

Version History	Version Number	Revision Date	Application	Site	Reason
1	1	11/5/2010			
2	2	12/21/2010			
3	3	5/31/2011			

Parent: APCD2008-PTO-976831

Status: **Approved**

Record Type: LUEG-APCD/Permit App/Internal Combustion Engines/NA

VAX ID: 92162 A

Source Category: 34H - Each California Certified Emergency Standby Engine (for electrical or fuel interruptions beyon

Additional Information : -

Assigned to: Sharen Marechale (858) 586 2744

Time & Material: No

Address: 11011 Torreyana, San Diego 92121

Date Submitted: 3/23/2011

Reason for Submittal: Permit Activation

Expedited Application: No

Inspection	Date	Inspector	Status
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Workflow

Task	Status	Date	Action By:
Application Acceptance	Complete	3/23/2011	Virginia Fox
Completeness Determination	Complete	4/8/2011	Sharen Marechale
Approve Authority to Construct			
Issue Authority to Construct			
Issue Startup Authorization	Complete	4/11/2011	Sharen Marechale
Issue Permit to Operate	Complete	4/26/2011	Karen Campbell

Parent: APCD2008-PTO-961744

Status: **Approved**

Record Type: LUEG-APCD/Permit App/Boilers and Heaters/<50 MM BTU

VAX ID: -

Source Category: 13A

Additional Information : -

Assigned to: Jorge Talavera (858) 586-2748

Time & Material: Yes

Addresss: 11011 Torreyana, San Diego 92121

Date Submitted: 5/8/2007

Reason for Submittal: C

Expedited Application: -

Inspection	Date	Inspector	Status
Workflow			
Task		Status	
Application Acceptance		3/27/2008	
Completeness Determination		3/27/2008	
Approve Authority to Construct		3/27/2008	
Issue Authority to Construct		3/27/2008	
Issue Startup Authorization		3/27/2008	
Issue Permit to Operate		3/27/2008	

Workflow

Action By:

Task	Date	Action By:
Application Acceptance	3/27/2008	
Completeness Determination	3/27/2008	
Approve Authority to Construct	3/27/2008	
Issue Authority to Construct	3/27/2008	
Issue Startup Authorization	3/27/2008	
Issue Permit to Operate	3/27/2008	

Parent: APCD1992-SITE-08576

Status: **Approved**

Record Type: LUEG-APCD/Permit App/Internal Combustion Engines/NA

VAX ID: -

Source Category: 34H

Additional Information : -

Assigned to: Camqui Nguyen (858) 586 2747

Time & Material: No

Addresss: 11011 Torreyana, San Diego 92121

Date Submitted: 7/18/2001

Reason for Submittal: N

Expedited Application: -

Inspection	Date	Inspector	Status
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Workflow

Task	Status	Date	Action By:
Application Acceptance		1/5/2005	
Completeness Determination		1/5/2005	
Approve Authority to Construct		1/5/2005	
Issue Authority to Construct		1/5/2005	
Issue Startup Authorization		1/5/2005	
Issue Permit to Operate		1/5/2005	

Parent: APCD2008-PTO-961744

Status: **Approved**

Record Type: LUEG-APCD/Permit App/Boilers and Heaters/<50 MM BTU

VAX ID: -

Source Category: 13A,92F

Additional Information : -

Assigned to: Arthur Carbonell (858) 586 2741

Time & Material: Yes

Addresss: 11011 Torreyana, San Diego 92121

Date Submitted: 5/18/2000

Reason for Submittal: M

Expedited Application: -

Inspection	Date	Inspector	Status
Workflow			
Task			Status
Application Acceptance			10/23/2002
Completeness Determination			10/23/2002
Approve Authority to Construct			10/23/2002
Issue Authority to Construct			10/23/2002
Issue Startup Authorization			10/23/2002
Issue Permit to Operate			10/23/2002

Workflow

Task	Status	Date	Action By:
Application Acceptance		10/23/2002	
Completeness Determination		10/23/2002	
Approve Authority to Construct		10/23/2002	
Issue Authority to Construct		10/23/2002	
Issue Startup Authorization		10/23/2002	
Issue Permit to Operate		10/23/2002	

Task	Status	Date	Action By:
Application Acceptance		10/23/2002	
Completeness Determination		10/23/2002	
Approve Authority to Construct		10/23/2002	
Issue Authority to Construct		10/23/2002	
Issue Startup Authorization		10/23/2002	
Issue Permit to Operate		10/23/2002	

Parent: APCD1992-SITE-08576

Status: **Approved**

Record Type: LUEG-APCD/Permit App/Boilers and Heaters/<50 MM BTU

VAX ID: -

Source Category: 13A

Additional Information : -

Assigned to: -

Time & Material: No

Address: 11011 Torreyana, San Diego 92121

Date Submitted: 4/1/1997

Reason for Submittal: N

Expedited Application: -

Inspection	Date	Inspector	Status
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Workflow

Task	Status	Date	Action By:
Application Acceptance		12/7/1998	
Completeness Determination		12/7/1998	
Approve Authority to Construct		12/7/1998	
Issue Authority to Construct		12/7/1998	
Issue Startup Authorization		12/7/1998	
Issue Permit to Operate		12/7/1998	

Parent: APCD1992-SITE-08576

Status: **Approved**

Record Type: LUEG-APCD/Permit App/Internal Combustion Engines/NA

VAX ID: -

Source Category: 34C

Additional Information : -

Assigned to: Evariste Haury (858) 586-2745

Time & Material: No

Addresss: 11011 Torreyana, San Diego 92121

Date Submitted: 11/10/1992

Reason for Submittal: N

Expedited Application: -

Inspection	Date	Inspector	Status
Workflow			
Task			Status
Application Acceptance			10/21/1993
Completeness Determination			10/21/1993
Approve Authority to Construct			10/21/1993
Issue Authority to Construct			10/21/1993
Issue Startup Authorization			10/21/1993
Issue Permit to Operate			10/21/1993

Workflow

Task	Status	Date	Action By:
Application Acceptance		10/21/1993	
Completeness Determination		10/21/1993	
Approve Authority to Construct		10/21/1993	
Issue Authority to Construct		10/21/1993	
Issue Startup Authorization		10/21/1993	
Issue Permit to Operate		10/21/1993	

Task	Status	Date	Action By:
Application Acceptance		10/21/1993	
Completeness Determination		10/21/1993	
Approve Authority to Construct		10/21/1993	
Issue Authority to Construct		10/21/1993	
Issue Startup Authorization		10/21/1993	
Issue Permit to Operate		10/21/1993	

Detailed Description:

Record Status: **Retired**

Contacts

APCD Invoice Mailing	BIOGEN IDEC INC	5200 RESEARCH PL	SAN DIEGO, CA	921220000	8584015161
APCD Equipment Location	IDEC PHARMACEUTICALS	11011 TORREYANA RD	SAN DIEGO, CA	921210000	8584318822

Military Base	-	Type Ownership:
Military Activity	-	Name of Legal Owner:
PERP	-	TPY:
Title V	-	Inspection Sectors:
SIC:	8731	VAX Site ID:
Inspection Month:	6	Source Test Alias:
Renewal Month:	3	Expiration Month:
Frequency:		Delinquent Month::
Site Status:	A	

Parcel #: -

Open Applications:	0	Active Permits:	0	Breakdowns:	0	Notices of Violation:	0
Approved Applications:	0	Approved Permits:	0	Corrective Actions:	0	Notices to Comply:	0
Cancelled Applications:	0	Retired Permits:	0	Complaints:	0	Notices to Repair:	0
Denied Applications:	0			Hearing Board Items:	0	Title V:	0
				Jobs:	0	Vapor Recovery Test:	0

CONTROL NO.
318299

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT NO
961744
EXPIRES
MAY 2010

PERMIT TO OPERATE

THIS PERMIT IS NOT VALID UNTIL REQUIRED FEES ARE RECEIVED BY THE DISTRICT.

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT AS SPECIFIED. THIS PERMIT TO OPERATE OR A COPY MUST BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR READILY AVAILABLE ON THE OPERATING PREMISES.

GENENTECH INC
C/O GARY MERRILL
ONE ANTIBODY WY
OCEANSIDE CA

92056-0000

EQUIPMENT ADDRESS

TANOX WEST INC

11011 TORREYANA
SAN DIEGO CA

92121-0000

EQUIPMENT DESCRIPTION

STEAM BOILER: PARKER INDUSTRIAL, 150 HP, 6.3 MMBTU/HR, NATURAL GAS FIRED, S/N 42645, WITH A LOW-NOX BURNER, PARKER INDUSTRIAL, MODEL PREMIX METAL FIBER. (982390 1/05)
(ALC 961744 11/98) (975049 ALC 04/02) (08AUG02 ADD CONDITION #2800)
JFTAPP985363MODIFTO220K THERMLIMITJUL2007
TNO #986834 12548 13A01
Sector#:10 ID#:92162A PO#:961744 BEC#:13044
Fee Schedules: 49A01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULES 2, 10, 40, 50, 51, 67.17, 69.2, 62, 53.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

1. THIS EQUIPMENT SHALL NOT BE OPERATED AT ANY TIME EXCEPT WHERE LIMITED USE OF THIS EQUIPMENT IS ALLOWED WITHOUT A PERMIT TO OPERATE UNDER A RULE 11 EXEMPTION. THIS LIMITED USAGE SHALL BE SUBJECT TO ALL OTHER APPLICABLE PROHIBITORY RULES. ALL RECORDS AND DATA NECESSARY TO SUBSTANTIATE THIS RULE 11 EXEMPTION SHALL BE MAINTAINED ON SITE FOR A MINIMUM OF THREE CALENDAR YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
2. IF THE PREVIOUSLY APPLICABLE PERMIT TO OPERATE (PRIOR TO INACTIVATION) REQUIRED SOURCE TESTING, THE EQUIPMENT SHALL BE SOURCE TESTED WITHIN 60 CALENDAR DAYS OF PERMIT REACTIVATION. THIS SOURCE TESTING IS REQUIRED TO DEMONSTRATE COMPLIANCE WITH EMISSION STANDARDS CONTAINED IN THE PREVIOUSLY APPLICABLE PERMIT TO OPERATE, IT IS THE RESPONSIBILITY OF THE PERMITTEE TO SCHEDULE THE SOURCE TEST WITH THE DISTRICT. THE SOURCE TEST SHALL BE PERFORMED OR WITNESSED BY THE DISTRICT.
3. THE PERMITTEE SHALL SUBMIT AN APPLICATION AND OBTAIN WRITTEN APPROVAL FROM THE DISTRICT PRIOR TO OPERATING THE EQUIPMENT UNDER INACTIVE STATUS. IN THE EVENT NEW OR ADDITIONAL REQUIREMENTS ARE APPLICABLE TO THIS EQUIP-

CONTROL NO.
318299

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858)586-2600 FAX(858)586-2601

PERMIT NO
961744
EXPIRES
MAY 2010

PERMIT TO OPERATE

MENT UPON REACTIVATION, THE PERMITTEE SHALL SUBMIT AN APPLICATION AND ADDITIONAL INFORMATION WITH CORRESPONDING FEES TO DEMONSTRATE HOW THE PERMITTEE WILL COMPLY WITH THE NEW OR ADDITIONAL REQUIREMENTS AND TO ADD CORRESPONDING PERMIT CONDITIONS.

4. ACCESS, FACILITIES, UTILITIES AND ANY NECESSARY SAFETY EQUIPMENT FOR SOURCE TESTING AND INSPECTION SHALL BE PROVIDED UPON REQUEST OF THE AIR POLLUTION CONTROL DISTRICT
5. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATIONS REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
6. THE PERMITTEE SHALL, UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.)

CONTROL NO.
307267

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858)586-2600 FAX(858)586-2601

PERMIT NO
961744
EXPIRES
MAY 2009

PERMIT TO OPERATE

THIS PERMIT IS NOT VALID UNTIL REQUIRED FEES ARE RECEIVED BY THE DISTRICT.

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION EXCEPT AS SPECIFIED. THIS PERMIT TO OPERATE OR A COPY MUST BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR READILY AVAILABLE ON THE OPERATING PREMISES.

GENENTECH INC
C/O GARY MERRILL
ONE ANTIBODY WY
OCEANSIDE CA

92056-0000

EQUIPMENT ADDRESS

TANOX WEST INC

11011 TORREYANA
SAN DIEGO, CA

92121-0000

EQUIPMENT DESCRIPTION

REVISED COPY

STEAM BOILER: PARKER INDUSTRIAL, 150 HP, 6.3 MMBTU/HR, NATURAL GAS FIRED, S/N 42645, WITH A LOW-NOX BURNER, PARKER INDUSTRIAL, MODEL PREMIX METAL FIBER. (982390 1/05)
(ALC 961744 11/98) (975049 ALC 04/02) (08AUG02 ADD CONDITION #2800)
JFTAPP985363MODIFTO220K THERMLIMITJUL2007
TNO #986834 12548 13A01

Sector#:10 ID#:92162A PO#:961744 BEC#:13044

Fee Schedules: 49A01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULES 2, 10, 40, 50, 51, 67.17, 69.2, 62, 53.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

1. THIS EQUIPMENT SHALL NOT BE OPERATED AT ANY TIME EXCEPT WHERE LIMITED USE OF THIS EQUIPMENT IS ALLOWED WITHOUT A PERMIT TO OPERATE UNDER A RULE 11 EXEMPTION. THIS LIMITED USAGE SHALL BE SUBJECT TO ALL OTHER APPLICABLE PROHIBITORY RULES. ALL RECORDS AND DATA NECESSARY TO SUBSTANTIATE THIS RULE 11 EXEMPTION SHALL BE MAINTAINED ON SITE FOR A MINIMUM OF THREE CALENDAR YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
2. IF THE PREVIOUSLY APPLICABLE PERMIT TO OPERATE (PRIOR TO INACTIVATION) REQUIRED SOURCE TESTING, THE EQUIPMENT SHALL BE SOURCE TESTED WITHIN 60 CALENDAR DAYS OF PERMIT REACTIVATION. THIS SOURCE TESTING IS REQUIRED TO DEMONSTRATE COMPLIANCE WITH EMISSION STANDARDS CONTAINED IN THE PREVIOUSLY APPLICABLE PERMIT TO OPERATE, IT IS THE RESPONSIBILITY OF THE PERMITTEE TO SCHEDULE THE SOURCE TEST WITH THE DISTRICT. THE SOURCE TEST SHALL BE PERFORMED OR WITNESSED BY THE DISTRICT.
3. THE PERMITTEE SHALL SUBMIT AN APPLICATION AND OBTAIN WRITTEN APPROVAL

JUL 31 2008

CONTROL NO.
307267

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT NO
961744
EXPIRES
MAY 2009

PERMIT TO OPERATE

FROM THE DISTRICT PRIOR TO OPERATING THE EQUIPMENT UNDER INACTIVE STATUS. IN THE EVENT NEW OR ADDITIONAL REQUIREMENTS ARE APPLICABLE TO THIS EQUIPMENT UPON REACTIVATION, THE PERMITTEE SHALL SUBMIT AN APPLICATION AND ADDITIONAL INFORMATION WITH CORRESPONDING FEES TO DEMONSTRATE HOW THE PERMITTEE WILL COMPLY WITH THE NEW OR ADDITIONAL REQUIREMENTS AND TO ADD CORRESPONDING PERMIT CONDITIONS.

4. ACCESS, FACILITIES, UTILITIES AND ANY NECESSARY SAFETY EQUIPMENT FOR SOURCE TESTING AND INSPECTION SHALL BE PROVIDED UPON REQUEST OF THE AIR POLLUTION CONTROL DISTRICT.
5. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATIONS REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
6. THE PERMITTEE SHALL, UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.)

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT

CONTROL NO.
302462

10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858)586-2600 FAX(858)586-2601

PERMIT NO
961744
EXPIRES
MAY 2009

PERMIT TO OPERATE

THIS PERMIT IS NOT VALID UNTIL REQUIRED FEES ARE RECEIVED BY THE DISTRICT.

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT AS SPECIFIED. THIS PERMIT TO OPERATE OR A COPY MUST BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR READILY AVAILABLE ON THE OPERATING PREMISES.

		<u>EQUIPMENT ADDRESS</u>	
TANOX WEST INC		TANOX WEST INC	
JUDI GAITHER			
11011 TORREYANA RD		11011 TORREYANA	
SAN DIEGO CA	92121-0000	SAN DIEGO CA	92121-0000

EQUIPMENT DESCRIPTION

STEAM BOILER: PARKER INDUSTRIAL, 150 HP, 6.3 MMBTU/HR, NATURAL GAS FIRED, S/N 42645, WITH A LOW-NOX BURNER, PARKER INDUSTRIAL, MODEL PREMIX METAL FIBER. (982390 1/05)
(ALC 961744 11/98) (975049 ALC 04/02) (08AUG02 ADD CONDITION #2800)
JFTAPP985363MODIFTO220KTHERMLIMITJUL2007
Sector#:10 ID#:92162A PO#:961744 BEC#:12548
Fee Schedules: 13A01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULES 2, 10, 40, 50, 51, 67.17, 69.2, 62, 53.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

1. THE BOILER SHALL BE OPERATED ON NATURAL GAS ONLY. NO OTHER FUEL SHALL BE USED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE DISTRICT.
2. A NON-RESETTABLE TOTALIZING FUEL METER SHALL BE INSTALLED IN THE FUEL LINE TO MEASURE THE VOLUMETRIC FLOW RATE OF FUEL TO THIS EQUIPMENT. THIS METER SHALL BE PROPERLY CALIBRATED, MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES. A RECORD OF THE CALIBRATION SHALL BE MAINTAINED ON SITE, UNLESS CALIBRATED BY THE GAS UTILITY, AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
3. THE FUEL METER TO THIS EQUIPMENT SHALL EITHER BE SELF-CORRECTING TO STANDARD PRESSURE (14.7 PSIA) OR THE PERMITTEE SHALL DETERMINE THE NORMAL OPERATING PRESSURE OF THE FUEL LINE AT THE INLET OF THE METER. A RECORD OF THE FUEL LINE PRESSURE SHALL BE POSTED AT THE FUEL METER OR SHALL BE MAINTAINED WITH THE EQUIPMENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
4. NATURAL GAS USAGE SHALL NOT EXCEED 220,000 THERMS PER CALENDAR YEAR. THIS IS AN AMOUNT EQUAL TO 21,568,627 CUBIC FEET OF NATURAL GAS PER

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT

CONTROL NO.
302462

10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858)586-2600 FAX(858)586-2601

PERMIT NO
961744
EXPIRES
MAY 2009

PERMIT TO OPERATE

CALENDAR YEAR AT STANDARD PRESSURE (14.7 PSIA) AS DEFINED BY THE LOCAL GAS UTILITY. NATURAL GAS USAGE SHALL BE CALCULATED USING THE FOLLOWING FORMULA:

$$\text{STANDARDIZED FUEL USE} = (\text{MEASURED FUEL USE}) * ((14.7 + P) / 14.7)$$

WHERE: P=PRESSURE IN THE FUEL LINE, PSIG

5. THE BOILER SHALL BE TUNED AT LEAST ONCE PER CALENDAR YEAR IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS OR BOILER SERVICING COMPANY'S TUNING PROCEDURES. PERMITTEE SHALL BE RESPONSIBLE FOR ALL BOILER TUNING AND COSTS INCURRED.
6. ALL RECORDS REQUIRED BY THIS PERMIT, INCLUDING ANNUAL FUEL USAGES AND TUNE-UP DOCUMENTATION, SHALL BE MAINTAINED ON SITE FOR A MINIMUM OF THREE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
7. ACCESS, FACILITIES, UTILITIES AND ANY NECESSARY SAFETY EQUIPMENT FOR SOURCE TESTING AND INSPECTION SHALL BE PROVIDED UPON REQUEST OF THE AIR POLLUTION CONTROL DISTRICT
8. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATIONS REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
9. THE PERMITTEE SHALL, UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.)

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT

CONTROL NO.
291467

10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858)586-2600 FAX(858)586-2601

PERMIT NO
961744
EXPIRES
MAY 2008

PERMIT TO OPERATE

THIS PERMIT IS NOT VALID UNTIL REQUIRED FEES ARE RECEIVED BY THE DISTRICT.

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION EXCEPT AS SPECIFIED. THIS PERMIT TO OPERATE OR A COPY MUST BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR READILY AVAILABLE ON THE OPERATING PREMISES.

TANOX WEST INC
JUDI GAITHER
11011 TORREYANA RD
SAN DIEGO CA

92121-0000

EQUIPMENT ADDRESS

TANOX WEST INC
11011 TORREYANA
SAN DIEGO, CA

92121-0000

EQUIPMENT DESCRIPTION

REVISED COPY

STEAM BOILER: PARKER INDUSTRIAL, 150 HP, 6.3 MMBTU/HR, NATURAL GAS FIRED, S/N 42645, WITH A LOW-NOX BURNER, PARKER INDUSTRIAL, MODEL PREMIX METAL FIBER. (982390 1/05)
(ALC 961744 11/98) (975049 ALC 04/02) (08AUG02 ADD CONDITION #2800)
JFTAPP985363MODIFTO220K THERMLIMITJUL2007

Sector#:10 ID#:92162A PO#:961744 BEC#:12548
Fee Schedules: 13A01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULES 2, 10, 40, 50, 51, 67.17, 69.2, 62, 53.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

1. THE BOILER SHALL BE OPERATED ON NATURAL GAS ONLY. NO OTHER FUEL SHALL BE USED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE DISTRICT.
2. A NON-RESETTABLE TOTALIZING FUEL METER SHALL BE INSTALLED IN THE FUEL LINE TO MEASURE THE VOLUMETRIC FLOW RATE OF FUEL TO THIS EQUIPMENT. THIS METER SHALL BE PROPERLY CALIBRATED, MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES. A RECORD OF THE CALIBRATION SHALL BE MAINTAINED ON SITE, UNLESS CALIBRATED BY THE GAS UTILITY, AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
3. THE FUEL METER TO THIS EQUIPMENT SHALL EITHER BE SELF-CORRECTING TO STANDARD PRESSURE (14.7 PSIA) OR THE PERMITTEE SHALL DETERMINE THE NORMAL OPERATING PRESSURE OF THE FUEL LINE AT THE INLET OF THE METER. A RECORD OF THE FUEL LINE PRESSURE SHALL BE POSTED AT THE FUEL METER OR SHALL BE MAINTAINED WITH THE EQUIPMENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

JUL 26 2007

CONTROL NO.
291467

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT NO
961744
EXPIRES
MAY 2008

PERMIT TO OPERATE

4. NATURAL GAS USAGE SHALL NOT EXCEED 220,000 THERMS PER CALENDAR YEAR. THIS IS AN AMOUNT EQUAL TO 21,568,627 CUBIC FEET OF NATURAL GAS PER CALENDAR YEAR AT STANDARD PRESSURE (14.7 PSIA) AS DEFINED BY THE LOCAL GAS UTILITY. NATURAL GAS USAGE SHALL BE CALCULATED USING THE FOLLOWING FORMULA:

STANDARDIZED FUEL USE = (MEASURED FUEL USE) * ((14.7+P)/14.7)

WHERE: P=PRESSURE IN THE FUEL LINE, PSIG

5. THE BOILER SHALL BE TUNED AT LEAST ONCE PER CALENDAR YEAR IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS OR BOILER SERVICING COMPANY'S TUNING PROCEDURES. PERMITTEE SHALL BE RESPONSIBLE FOR ALL BOILER TUNING AND COSTS INCURRED.
6. ALL RECORDS REQUIRED BY THIS PERMIT, INCLUDING ANNUAL FUEL USAGES AND TUNE-UP DOCUMENTATION, SHALL BE MAINTAINED ON SITE FOR A MINIMUM OF THREE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
7. ACCESS, FACILITIES, UTILITIES AND ANY NECESSARY SAFETY EQUIPMENT FOR SOURCE TESTING AND INSPECTION SHALL BE PROVIDED UPON REQUEST OF THE AIR POLLUTION CONTROL DISTRICT.
8. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATIONS REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
9. THE PERMITTEE SHALL, UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.)

CONTROL NO.
289487

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858) 586-2600 FAX(858) 586-2601

PERMIT NO
961744
EXPIRES
MAY 2008

PERMIT TO OPERATE

THIS PERMIT IS NOT VALID UNTIL REQUIRED FEES ARE RECEIVED BY THE DISTRICT.

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT AS SPECIFIED. THIS PERMIT TO OPERATE OR A COPY MUST BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR READILY AVAILABLE ON THE OPERATING PREMISES.

TANOX WEST INC
SAYA GODWIN
11011 TORREYANA RD
SAN DIEGO CA

92121-0000

EQUIPMENT ADDRESS

TANOX WEST INC

11011 TORREYANA
SAN DIEGO CA

92121-0000

EQUIPMENT DESCRIPTION

STEAM BOILER: PARKER INDUSTRIAL, 150 HP, 6.3 MMBTU/HR, NATURAL GAS FIRED, S/N 42645, WITH A LOW-NOX BURNER, PARKER INDUSTRIAL, MODEL PREMIX METAL FIBER. (982390 1/05)
(ALC 961744 11/98) (975049 ALC 04/02) (08AUG02 ADD CONDITION #2800)
Sector#:10 ID#:92162A PO#:961744 BEC#:12153
Fee Schedules: 13A01 92F01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULES 2, 10, 40, 50, 51, 67.17, 69.2, 62, 53.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. THESE INSTRUCTIONS SHALL BE KEPT ONSITE.
3. THE BOILER SHALL BE OPERATED ON NATURAL GAS ONLY. NO OTHER FUEL SHALL BE USED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE DISTRICT.
4. EMISSIONS OF OXIDES OF NITROGEN, CALCULATED AS NITROGEN DIOXIDE AT 3% OXYGEN ON A DRY BASIS, SHALL NOT EXCEED 30 PARTS PER MILLION BY VOLUME WHEN OPERATED ON A GASEOUS FUEL.
5. EMISSIONS OF CARBON MONOXIDE SHALL NOT EXCEED 400 PARTS PER MILLION BY VOLUME, CALCULATED AT 3% OXYGEN ON A DRY BASIS.
6. IF COMPLIANCE WITH THE NOX AND CO EMISSION STANDARDS CANNOT BE DEMONSTRATED TO THE SATISFACTION OF THE DISTRICT, THE PERMITTEE SHALL TAKE

CONTROL NO.
289487

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT NO
961744
EXPIRES
MAY 2008

PERMIT TO OPERATE

CORRECTIVE ACTION TO MEET THESE LIMITS. ANY PROPOSED CORRECTIVE ACTION THAT WOULD RESULT IN A MODIFICATION TO THE EQUIPMENT SHALL REQUIRE AN APPLICATION AND A DISTRICT AUTHORITY TO CONSTRUCT FOR SUCH MODIFICATION. IN THE EVENT THE COMPLIANCE TEST RESULTS DO NOT DEMONSTRATE TO THE DISTRICT'S SATISFACTION THAT THE FACILITY CAN BE EXPECTED TO MAINTAIN CONTINUAL COMPLIANCE, THE APPLICATION FOR THE PERMIT TO OPERATE WILL BE SUBJECT TO DENIAL.

7. THIS EQUIPMENT SHALL BE SOURCE TESTED ON AN ANNUAL BASIS, USING DISTRICT APPROVED TEST METHODS, UNLESS AUTHORIZED OTHERWISE IN WRITING BY THE APCD.
8. ACCESS, FACILITIES, UTILITIES AND ANY NECESSARY SAFETY EQUIPMENT FOR SOURCE TESTING AND INSPECTION SHALL BE PROVIDED UPON REQUEST OF THE AIR POLLUTION CONTROL DISTRICT
9. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATIONS REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
10. THE PERMITTEE SHALL, UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.)

CONTROL NO.
272790

10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858)586-2600 FAX(858)586-2601

PERMIT NO
961744
EXPIRES
MAY 2007

PERMIT TO OPERATE

THIS PERMIT IS NOT VALID UNTIL REQUIRED FEES ARE RECEIVED BY THE DISTRICT.

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT AS SPECIFIED. THIS PERMIT TO OPERATE OR A COPY MUST BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR READILY AVAILABLE ON THE OPERATING PREMISES.

TANOX WEST INC
SAYA GODWIN
11011 TORREYANA RD
SAN DIEGO CA

92121-0000

EQUIPMENT ADDRESS

TANOX WEST INC
11011 TORREYANA
SAN DIEGO CA

92121-0000

EQUIPMENT DESCRIPTION

STEAM BOILER: PARKER INDUSTRIAL, 150 HP, 6.3 MMBTU/HR, NATURAL GAS FIRED, S/N 42645, WITH A LOW-NOX BURNER, PARKER INDUSTRIAL, MODEL PREMIX METAL FIBER. (982390 1/05).
(ALC 961744 11/98) (975049 ALC 04/02) (08AUG02 ADD CONDITION #2800)
Sector#:10 ID#:92162A PO#:961744 BEC#:12153
Fee Schedules: 13A01 92F01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULES 2, 10, 40, 50, 51, 67.17, 69.2, 62, 53.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. THESE INSTRUCTIONS SHALL BE KEPT ONSITE.
3. THE BOILER SHALL BE OPERATED ON NATURAL GAS ONLY. NO OTHER FUEL SHALL BE USED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE DISTRICT.
4. EMISSIONS OF OXIDES OF NITROGEN, CALCULATED AS NITROGEN DIOXIDE AT 3% OXYGEN ON A DRY BASIS, SHALL NOT EXCEED 30 PARTS PER MILLION BY VOLUME WHEN OPERATED ON A GASEOUS FUEL.
5. EMISSIONS OF CARBON MONOXIDE SHALL NOT EXCEED 400 PARTS PER MILLION BY VOLUME, CALCULATED AT 3% OXYGEN ON A DRY BASIS.
6. IF COMPLIANCE WITH THE NOX AND CO EMISSION STANDARDS CANNOT BE DEMONSTRATED TO THE SATISFACTION OF THE DISTRICT, THE PERMITTEE SHALL TAKE

CONTROL NO.
272790

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858)586-2600 FAX(858)586-2601

PERMIT NO
961744
EXPIRES
MAY 2007

PERMIT TO OPERATE

CORRECTIVE ACTION TO MEET THESE LIMITS. ANY PROPOSED CORRECTIVE ACTION THAT WOULD RESULT IN A MODIFICATION TO THE EQUIPMENT SHALL REQUIRE AN APPLICATION AND A DISTRICT AUTHORITY TO CONSTRUCT FOR SUCH MODIFICATION. IN THE EVENT THE COMPLIANCE TEST RESULTS DO NOT DEMONSTRATE TO THE DISTRICT'S SATISFACTION THAT THE FACILITY CAN BE EXPECTED TO MAINTAIN CONTINUAL COMPLIANCE, THE APPLICATION FOR THE PERMIT TO OPERATE WILL BE SUBJECT TO DENIAL.

7. THIS EQUIPMENT SHALL BE SOURCE TESTED ON AN ANNUAL BASIS, USING DISTRICT APPROVED TEST METHODS, UNLESS AUTHORIZED OTHERWISE IN WRITING BY THE APCD.
8. ACCESS, FACILITIES, UTILITIES AND ANY NECESSARY SAFETY EQUIPMENT FOR SOURCE TESTING AND INSPECTION SHALL BE PROVIDED UPON REQUEST OF THE AIR POLLUTION CONTROL DISTRICT
9. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATIONS REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
10. THE PERMITTEE SHALL, UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.)

CONTROL NO.
258163

COUNTY SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858)650-4700 FAX(858)650-4659

PERMIT NO
961744
EXPIRES
MAY 2006

PERMIT TO OPERATE

THIS PERMIT IS NOT VALID UNTIL REQUIRED FEES ARE RECEIVED BY THE DISTRICT.

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TANOX WEST INC

10555 STELLA LINK
HOUSTON TX

77025-0000

EQUIPMENT ADDRESS

TANOX WEST INC

11011 TORREYANA
SAN DIEGO CA

92121-0000

EQUIPMENT DESCRIPTION

STEAM BOILER: PARKER INDUSTRIAL, 150 HP, 6.3 MMBTU/HR, NATURAL GAS FIRED, S/N 42645, WITH A LOW-NOX BURNER, PARKER INDUSTRIAL, MODEL PREMIX METAL FIBER. (982390 1/05)
(ALC 961744 11/98) (975049 ALC 04/02) (08AUG02 ADD CONDITION #2800)
Sector#:10 ID#:92162A PO#:961744 BEC#:12153
Fee Schedules: 13A01 92F01

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5. EMISSIONS OF CARBON MONOXIDE SHALL NOT EXCEED 400 PARTS PER MILLION BY VOLUME, CALCULATED AT 3% OXYGEN ON A DRY BASIS.
6. IF COMPLIANCE WITH THE NOX AND CO EMISSION STANDARDS CANNOT BE DEMONSTRATED TO THE SATISFACTION OF THE DISTRICT, THE PERMITTEE SHALL TAKE

CONTROL NO.
258163

COUNTY SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 650-4700 FAX (858) 650-4659

PERMIT NO
961744
EXPIRES
MAY 2006

PERMIT TO OPERATE

CORRECTIVE ACTION TO MEET THESE LIMITS. ANY PROPOSED CORRECTIVE ACTION THAT WOULD RESULT IN A MODIFICATION TO THE EQUIPMENT SHALL REQUIRE AN APPLICATION AND A DISTRICT AUTHORITY TO CONSTRUCT FOR SUCH MODIFICATION. IN THE EVENT THE COMPLIANCE TEST RESULTS DO NOT DEMONSTRATE TO THE DISTRICT'S SATISFACTION THAT THE FACILITY CAN BE EXPECTED TO MAINTAIN CONTINUAL COMPLIANCE, THE APPLICATION FOR THE PERMIT TO OPERATE WILL BE SUBJECT TO DENIAL.

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9. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATIONS REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
10. THE PERMITTEE SHALL, UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.)

CONTROL NO.
255570

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 650-4700 FAX (858) 650-4659

PERMIT NO
961744
EXPIRES
MAY 2005

PERMIT TO OPERATE

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TANOX WEST INC

10555 STELLA LINK
HOUSTON TX

77025-0000

EQUIPMENT ADDRESS

TANOX WEST INC

11011 TORREYANA
SAN DIEGO, CA

92121-0000

EQUIPMENT DESCRIPTION

REVISED COPY

STEAM BOILER: PARKER INDUSTRIAL, 150 HP, 6.3 MMBTU/HR, NATURAL GAS FIRED, S/N 42645, WITH A LOW-NOX BURNER, PARKER INDUSTRIAL, MODEL PREMIX METAL FIBER. (982390 1/05)
(ALC 961744 11/98) (975049 ALC 04/02) (08AUG02 ADD CONDITION #2800)

Sector#:10 ID#:92162A PO#:961744 BEC#:12153
Fee Schedules: 13A01 92F01

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3. THE BOILER SHALL BE OPERATED ON NATURAL GAS ONLY. NO OTHER FUEL SHALL BE USED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE DISTRICT.
4. EMISSIONS OF OXIDES OF NITROGEN, CALCULATED AS NITROGEN DIOXIDE AT 3% OXYGEN ON A DRY BASIS, SHALL NOT EXCEED 30 PARTS PER MILLION BY VOLUME WHEN OPERATED ON A GASEOUS FUEL.
5. EMISSIONS OF CARBON MONOXIDE SHALL NOT EXCEED 400 PARTS PER MILLION BY VOLUME, CALCULATED AT 3% OXYGEN ON A DRY BASIS.

JAN 27 2005

CONTROL NO.
255570

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 650-4700 FAX (858) 650-4659

PERMIT NO
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EXPIRES
MAY 2005

PERMIT TO OPERATE

6. IF COMPLIANCE WITH THE NOX AND CO EMISSION STANDARDS CANNOT BE DEMONSTRATED TO THE SATISFACTION OF THE DISTRICT, THE PERMITTEE SHALL TAKE CORRECTIVE ACTION TO MEET THESE LIMITS. ANY PROPOSED CORRECTIVE ACTION THAT WOULD RESULT IN A MODIFICATION TO THE EQUIPMENT SHALL REQUIRE AN APPLICATION AND A DISTRICT AUTHORITY TO CONSTRUCT FOR SUCH MODIFICATION. IN THE EVENT THE COMPLIANCE TEST RESULTS DO NOT DEMONSTRATE TO THE DISTRICT'S SATISFACTION THAT THE FACILITY CAN BE EXPECTED TO MAINTAIN CONTINUAL COMPLIANCE, THE APPLICATION FOR THE PERMIT TO OPERATE WILL BE SUBJECT TO DENIAL.
7. THIS EQUIPMENT SHALL BE SOURCE TESTED ON AN ANNUAL BASIS, USING DISTRICT APPROVED TEST METHODS, UNLESS AUTHORIZED OTHERWISE IN WRITING BY THE APCD.
8. ACCESS, FACILITIES, UTILITIES AND ANY NECESSARY SAFETY EQUIPMENT FOR SOURCE TESTING AND INSPECTION SHALL BE PROVIDED UPON REQUEST OF THE AIR POLLUTION CONTROL DISTRICT.
9. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATIONS REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
10. THE PERMITTEE SHALL, UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.)

CONTROL NO.
241967

9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 650-4700 FAX (858) 650-4659

PERMIT NO
961744
EXPIRES
MAY 1, 2005

PERMIT TO OPERATE

THIS PERMIT IS NOT VALID UNTIL REQUIRED FEES ARE RECEIVED BY THE DISTRICT.

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IDEC INC
ENVIRON HEALTH & SAFETY OFCR MARK THOMPSON
11011 TORREYANA RD
SAN DIEGO CA 92121-0000

EQUIPMENT ADDRESS

BIOGEN IDEC INC
11011 TORREYANA
SAN DIEGO CA 92121-0000

EQUIPMENT DESCRIPTION

STEAM BOILER: PARKER INDUSTRIAL, 150 HP, 6.3 MMBTU/HR, NATURAL GAS FIRED, S/N 42645, WITH A LOW-NOX BURNER, PARKER INDUSTRIAL, MODEL PREMIX METAL FIBER.

(ALC 961744 11/98) (975049 ALC 04/02) (08AUG02 ADD CONDITION #2800)

Sector#:10 ID#:92162A PO#:961744 BEC#:12153

Fee Schedules: 13A01 92F01

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3. THE BOILER SHALL BE OPERATED ON NATURAL GAS ONLY. NO OTHER FUEL SHALL BE USED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE DISTRICT.
4. EMISSIONS OF OXIDES OF NITROGEN, CALCULATED AS NITROGEN DIOXIDE AT 3% OXYGEN ON A DRY BASIS, SHALL NOT EXCEED 30 PARTS PER MILLION BY VOLUME WHEN OPERATED ON A GASEOUS FUEL.
5. EMISSIONS OF CARBON MONOXIDE SHALL NOT EXCEED 400 PARTS PER MILLION BY VOLUME, CALCULATED AT 3% OXYGEN ON A DRY BASIS.
6. IF COMPLIANCE WITH THE NOX AND CO EMISSION STANDARDS CANNOT BE DEMONSTRATED TO THE SATISFACTION OF THE DISTRICT, THE PERMITTEE SHALL TAKE

CONTROL NO.
241967

PERMIT NO
961744
EXPIRES
MAY 1, 2005

PERMIT TO OPERATE

CORRECTIVE ACTION TO MEET THESE LIMITS. ANY PROPOSED CORRECTIVE ACTION THAT WOULD RESULT IN A MODIFICATION TO THE EQUIPMENT SHALL REQUIRE AN APPLICATION AND A DISTRICT AUTHORITY TO CONSTRUCT FOR SUCH MODIFICATION. IN THE EVENT THE COMPLIANCE TEST RESULTS DO NOT DEMONSTRATE TO THE DISTRICT'S SATISFACTION THAT THE FACILITY CAN BE EXPECTED TO MAINTAIN CONTINUAL COMPLIANCE, THE APPLICATION FOR THE PERMIT TO OPERATE WILL BE SUBJECT TO DENIAL.

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9. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATIONS REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
10. THE PERMITTEE SHALL, UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.)

CONTROL NO.
224202

9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 650-4700 FAX (858) 650-4659

PERMIT NO
961744
EXPIRES
MAY 1, 2004

PERMIT TO OPERATE

THIS PERMIT IS NOT VALID UNTIL REQUIRED FEES ARE RECEIVED BY THE DISTRICT.

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT AS SPECIFIED. THIS PERMIT TO OPERATE OR A COPY MUST BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR READILY AVAILABLE ON THE OPERATING PREMISES.

		<u>EQUIPMENT ADDRESS</u>	
IDEC INC		IDEC INC	
ENVIRON HEALTH & SAFETY OFCR MARK THOMPSON			
11011 TORREYANA RD		11011 TORREYANA	
SAN DIEGO CA	92121-0000	SAN DIEGO CA	92121-0000

EQUIPMENT DESCRIPTION

STEAM BOILER: PARKER INDUSTRIAL, 150 HP, 6.3 MMBTU/HR, NATURAL GAS FIRED, S/N 42645, WITH A LOW-NOX BURNER, PARKER INDUSTRIAL, MODEL PREMIX METAL FIBER.

(ALC 961744 11/98) (975049 ALC 04/02) (08AUG02 ADD CONDITION #2800)

Sector#:10 ID#:92162A PO#:961744 BEC#:12153

Fee Schedules: 13A01 92F01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULES 2, 10, 40, 50, 51, 67.17, 69.2, 62, 53.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. THESE INSTRUCTIONS SHALL BE KEPT ONSITE.
3. THE BOILER SHALL BE OPERATED ON NATURAL GAS ONLY. NO OTHER FUEL SHALL BE USED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE DISTRICT.
4. EMISSIONS OF OXIDES OF NITROGEN, CALCULATED AS NITROGEN DIOXIDE AT 3% OXYGEN ON A DRY BASIS, SHALL NOT EXCEED 30 PARTS PER MILLION BY VOLUME WHEN OPERATED ON A GASEOUS FUEL.
5. EMISSIONS OF CARBON MONOXIDE SHALL NOT EXCEED 400 PARTS PER MILLION BY VOLUME, CALCULATED AT 3% OXYGEN ON A DRY BASIS.
6. IF COMPLIANCE WITH THE NOX AND CO EMISSION STANDARDS CANNOT BE DEMONSTRATED TO THE SATISFACTION OF THE DISTRICT, THE PERMITTEE SHALL TAKE

CONTROL NO.
224202

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 650-4700 FAX (858) 650-4659

PERMIT NO
961744
EXPIRES
MAY 1, 2004

PERMIT TO OPERATE

CORRECTIVE ACTION TO MEET THESE LIMITS. ANY PROPOSED CORRECTIVE ACTION THAT WOULD RESULT IN A MODIFICATION TO THE EQUIPMENT SHALL REQUIRE AN APPLICATION AND A DISTRICT AUTHORITY TO CONSTRUCT FOR SUCH MODIFICATION. IN THE EVENT THE COMPLIANCE TEST RESULTS DO NOT DEMONSTRATE TO THE DISTRICT'S SATISFACTION THAT THE FACILITY CAN BE EXPECTED TO MAINTAIN CONTINUAL COMPLIANCE, THE APPLICATION FOR THE PERMIT TO OPERATE WILL BE SUBJECT TO DENIAL.

7. THIS EQUIPMENT SHALL BE SOURCE TESTED ON AN ANNUAL BASIS, USING DISTRICT APPROVED TEST METHODS, UNLESS OTHERWISE DIRECTED IN WRITING BY THE DISTRICT.
8. ACCESS, FACILITIES, UTILITIES AND ANY NECESSARY SAFETY EQUIPMENT FOR SOURCE TESTING AND INSPECTION SHALL BE PROVIDED UPON REQUEST OF THE AIR POLLUTION CONTROL DISTRICT
9. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATIONS REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
10. THE PERMITTEE SHALL, UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.)

CONTROL NO.
211295

9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 650-4700 FAX (858) 650-4659

PERMIT NO
961744
EXPIRES
MAY 1, 2003

PERMIT TO OPERATE

THIS PERMIT IS NOT VALID UNTIL REQUIRED FEES ARE RECEIVED BY THE DISTRICT.

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION EXCEPT AS SPECIFIED. THIS PERMIT TO OPERATE OR A COPY MUST BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR READILY AVAILABLE ON THE OPERATING PREMISES.

		<u>EQUIPMENT ADDRESS</u>	
IDEC INC		IDEC INC	
ENVIRON HEALTH & SAFETY OFCR MARK THOMPSON			
11011 TORREYANA RD		11011 TORREYANA	
SAN DIEGO CA	92121-0000	SAN DIEGO, CA	92121-0000

EQUIPMENT DESCRIPTION

REVISED COPY

STEAM BOILER: PARKER INDUSTRIAL, 150 HP, 6.3 MMBTU/HR, NATURAL GAS FIRED, S/N 42645, WITH A LOW-NOX BURNER, PARKER INDUSTRIAL, MODEL PREMIX METAL FIBER.

(ALC 961744 11/98) (975049 ALC 04/02) (08AUG02 ADD CONDITION #2800)

Sector#:10 ID#:92162A PO#:961744 BEC#:12153

Fee Schedules: 13A01 92F01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULES 2, 10, 40, 50, 51, 67.17, 69.2, 62, 53.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. THESE INSTRUCTIONS SHALL BE KEPT ONSITE.
3. THE BOILER SHALL BE OPERATED ON NATURAL GAS ONLY. NO OTHER FUEL SHALL BE USED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE DISTRICT.
4. EMISSIONS OF OXIDES OF NITROGEN, CALCULATED AS NITROGEN DIOXIDE AT 3% OXYGEN ON A DRY BASIS, SHALL NOT EXCEED 30 PARTS PER MILLION BY VOLUME WHEN OPERATED ON A GASEOUS FUEL.
5. EMISSIONS OF CARBON MONOXIDE SHALL NOT EXCEED 400 PARTS PER MILLION BY VOLUME, CALCULATED AT 3% OXYGEN ON A DRY BASIS.

AUG 1 6 2002

CONTROL NO.
211295

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 650-4700 FAX (858) 650-4659

PERMIT NO
961744
EXPIRES
MAY 1, 2003

PERMIT TO OPERATE

6. IF COMPLIANCE WITH THE NOX AND CO EMISSION STANDARDS CANNOT BE DEMONSTRATED TO THE SATISFACTION OF THE DISTRICT, THE PERMITTEE SHALL TAKE CORRECTIVE ACTION TO MEET THESE LIMITS. ANY PROPOSED CORRECTIVE ACTION THAT WOULD RESULT IN A MODIFICATION TO THE EQUIPMENT SHALL REQUIRE AN APPLICATION AND A DISTRICT AUTHORITY TO CONSTRUCT FOR SUCH MODIFICATION. IN THE EVENT THE COMPLIANCE TEST RESULTS DO NOT DEMONSTRATE TO THE DISTRICT'S SATISFACTION THAT THE FACILITY CAN BE EXPECTED TO MAINTAIN CONTINUAL COMPLIANCE, THE APPLICATION FOR THE PERMIT TO OPERATE WILL BE SUBJECT TO DENIAL.
7. THIS EQUIPMENT SHALL BE SOURCE TESTED ON AN ANNUAL BASIS, USING DISTRICT APPROVED TEST METHODS, UNLESS OTHERWISE DIRECTED IN WRITING BY THE DISTRICT.
8. ACCESS, FACILITIES, UTILITIES AND ANY NECESSARY SAFETY EQUIPMENT FOR SOURCE TESTING AND INSPECTION SHALL BE PROVIDED UPON REQUEST OF THE AIR POLLUTION CONTROL DISTRICT.
9. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATIONS REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
10. THE PERMITTEE SHALL, UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.)

CONTROL NO.
207734

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 650-4700 FAX (858) 650-4659

PERMIT NO
961744
EXPIRES
MAY 1, 2003

PERMIT TO OPERATE

THIS PERMIT IS NOT VALID UNTIL REQUIRED FEES ARE RECEIVED BY THE DISTRICT.

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION EXCEPT AS SPECIFIED. THIS PERMIT TO OPERATE OR A COPY MUST BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR READILY AVAILABLE ON THE OPERATING PREMISES.

IDEC INC
ENVIRON HEALTH & SAFETY OFCR MARK THOMPSON
11011 TORREYANA RD
SAN DIEGO CA 92121-0000

EQUIPMENT ADDRESS

IDEC INC
11011 TORREYANA
SAN DIEGO, CA 92121-0000

EQUIPMENT DESCRIPTION

REVISED COPY

STEAM BOILER: PARKER INDUSTRIAL, 150 HP, 6.3 MMBTU/HR, NATURAL GAS FIRED, S/N 42645, WITH A LOW-NOX BURNER, PARKER INDUSTRIAL, MODEL PREMIX METAL FIBER.
(ALC 961744 11/98) (975049 ALC 04/02)

Sector#:10 ID#:92162A PO#:961744 BEC#:12153
Fee Schedules: 13A01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULES 2, 10, 40, 50, 51, 67.17, 69.2, 62, 53.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. THESE INSTRUCTIONS SHALL BE KEPT ONSITE.
3. THE BOILER SHALL BE OPERATED ON NATURAL GAS ONLY. NO OTHER FUEL SHALL BE USED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE DISTRICT.
4. EMISSIONS OF OXIDES OF NITROGEN, CALCULATED AS NITROGEN DIOXIDE AT 3% OXYGEN ON A DRY BASIS, SHALL NOT EXCEED 30 PARTS PER MILLION BY VOLUME WHEN OPERATED ON A GASEOUS FUEL.
5. EMISSIONS OF CARBON MONOXIDE SHALL NOT EXCEED 400 PARTS PER MILLION BY VOLUME, CALCULATED AT 3% OXYGEN ON A DRY BASIS.

CONTROL NO.
207734

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 650-4700 FAX (858) 650-4659

PERMIT NO
961744
EXPIRES
MAY 1, 2003

PERMIT TO OPERATE

6. THIS EQUIPMENT SHALL BE SOURCE TESTED FOR COMPLIANCE AT LEAST ONCE PER PERMIT YEAR BEFORE THE PERMIT RENEWAL DATE, UNLESS OTHERWISE SPECIFIED IN WRITING BY THE DISTRICT. TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH DISTRICT TEST METHOD 100 AND IN ACCORDANCE WITH SOURCE TEST REQUIREMENTS SPECIFIED IN DISTRICT RULE 69.2 (G) AND 69.3.1 (G).
7. IF COMPLIANCE WITH THE NOX AND CO EMISSION STANDARDS CANNOT BE DEMONSTRATED TO THE SATISFACTION OF THE DISTRICT, THE PERMITTEE SHALL TAKE CORRECTIVE ACTION TO MEET THESE LIMITS. ANY PROPOSED CORRECTIVE ACTION THAT WOULD RESULT IN A MODIFICATION TO THE EQUIPMENT SHALL REQUIRE AN APPLICATION AND A DISTRICT AUTHORITY TO CONSTRUCT FOR SUCH MODIFICATION. IN THE EVENT THE COMPLIANCE TEST RESULTS DO NOT DEMONSTRATE TO THE DISTRICT'S SATISFACTION THAT THE FACILITY CAN BE EXPECTED TO MAINTAIN CONTINUAL COMPLIANCE, THE APPLICATION FOR THE PERMIT TO OPERATE WILL BE SUBJECT TO DENIAL.
8. ACCESS, FACILITIES, UTILITIES AND ANY NECESSARY SAFETY EQUIPMENT FOR SOURCE TESTING AND INSPECTION SHALL BE PROVIDED UPON REQUEST OF THE AIR POLLUTION CONTROL DISTRICT.
9. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATIONS REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
10. THE PERMITTEE SHALL, UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.)

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT

CONTROL NO.
206094

9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 650-4700 FAX (858) 650-4659

PERMIT NO
961744
EXPIRES
MAY 1, 2003

PERMIT TO OPERATE

THIS PERMIT IS NOT VALID UNTIL REQUIRED FEES ARE RECEIVED BY THE DISTRICT.

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT AS SPECIFIED. THIS PERMIT TO OPERATE OR A COPY MUST BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR READILY AVAILABLE ON THE OPERATING PREMISES.

IDEC INC
ENVIRON HEALTH & SAFETY OFCR MARK THOMPSON
11011 TORREYANA RD
SAN DIEGO CA 92121-0000

EQUIPMENT ADDRESS

IDEC INC
11011 TORREYANA
SAN DIEGO CA 92121-0000

EQUIPMENT DESCRIPTION

STEAM BOILER: PARKER INDUSTRIAL, 150 HP, 6.3 MMBTU/HR, NATURAL GAS FIRED, S/N 42645.

(ALC 961744 11/98)

Sector#:10 ID#:92162A PO#:961744 BEC#:11214

Fee Schedules: 13A01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULES 2, 10, 40, 50, 51, 67.17, 69.2, 62, 53.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

1. THE INSTALLATION AND OPERATION OF THE BOILER AND ANY EMISSION CONTROLS SHALL BE LIMITED TO THE EQUIPMENT DESCRIBED ABOVE AND OPERATIONS SHALL BE IN ACCORDANCE WITH ALL THE CONDITIONS STATED HEREIN.
2. THE BOILER SHALL BE OPERATED ON NATURAL GAS ONLY. NO OTHER FUEL SHALL BE USED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE DISTRICT.
3. THE BOILER SHALL BE EQUIPPED WITH A NON-RESETTABLE TOTALIZING FUEL METER INSTALLED IN THE FUEL LINE TO THE BOILER TO MEASURE THE VOLUMETRIC FLOW RATE OF FUEL TO THE BOILER. THIS METER SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
4. NATURAL GAS CONSUMPTION SHALL NOT EXCEED 220,000 THERMS PER CALENDAR YEAR (AMOUNT EQUAL TO 16,094,356 CUBIC FEET OF NATURAL GAS PER CALENDAR YEAR, BASED ON A HEATING VALUE OF 1020 BTU/SCF AND A GAUGE PRESSURE OF 5 PSI).
5. THE BOILER SHALL BE TUNED AT LEAST ONCE PER YEAR IN ACCORDANCE WITH THE TUNING PROCEDURE OUTLINED IN DISTRICT RULE 69.2 (SECTION J). THE PERMITTEE SHALL BE RESPONSIBLE FOR ALL BOILER TUNING AND COST INCURRED.
6. ALL RECORDS REQUIRED BY THIS PERMIT, INCLUDING MONTHLY FUEL USAGES AND

CONTROL NO.
206094

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 650-4700 FAX (858) 650-4659

PERMIT NO
961744
EXPIRES
MAY 1, 2003

PERMIT TO OPERATE

TUNE-UP DOCUMENTATION, SHALL BE MAINTAINED ON SITE FOR A MINIMUM OF THREE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

7. ACCESS, FACILITIES, UTILITIES AND ANY NECESSARY SAFETY EQUIPMENT FOR SOURCE TESTING AND INSPECTION SHALL BE PROVIDED UPON REQUEST OF THE AIR POLLUTION CONTROL DISTRICT
8. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATIONS REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
9. THE PERMITTEE SHALL, UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.)

CONTROL NO.
191094

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 650-4700 FAX(858) 650-4659

PERMIT NO
961744
EXPIRES
MAY 1, 2002

PERMIT TO OPERATE

THIS PERMIT IS NOT VALID UNTIL REQUIRED FEES ARE RECEIVED BY THE DISTRICT.

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT AS SPECIFIED. THIS PERMIT TO OPERATE OR A COPY MUST BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR READILY AVAILABLE ON THE OPERATING PREMISES.

IDEC INC
ENVIRON HEALTH & SAFETY OFCR MARK THOMPSON
11011 TORREYANA RD
SAN DIEGO CA 92121-0000

EQUIPMENT ADDRESS

IDEC INC
11011 TORREYANA
SAN DIEGO CA 92121-0000

EQUIPMENT DESCRIPTION

STEAM BOILER: PARKER INDUSTRIAL, 150 HP, 6.3 MMBTU/HR, NATURAL GAS FIRED,
S/N 42645.
(ALC 961744 11/98)
Sector#:10 ID#:92162A PO#:961744 BEC#:11214
Fee Schedules: 13A01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULES 2, 10, 40, 50, 51, 67.17, 69.2, 62, 53.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

1. THE INSTALLATION AND OPERATION OF THE BOILER AND ANY EMISSION CONTROLS SHALL BE LIMITED TO THE EQUIPMENT DESCRIBED ABOVE AND OPERATIONS SHALL BE IN ACCORDANCE WITH ALL THE CONDITIONS STATED HEREIN.
2. THE BOILER SHALL BE OPERATED ON NATURAL GAS ONLY. NO OTHER FUEL SHALL BE USED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE DISTRICT.
3. THE BOILER SHALL BE EQUIPPED WITH A NON-RESETTABLE TOTALIZING FUEL METER INSTALLED IN THE FUEL LINE TO THE BOILER TO MEASURE THE VOLUMETRIC FLOW RATE OF FUEL TO THE BOILER. THIS METER SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
4. NATURAL GAS CONSUMPTION SHALL NOT EXCEED 220,000 THERMS PER CALENDAR YEAR (AMOUNT EQUAL TO 16,094,356 CUBIC FEET OF NATURAL GAS PER CALENDAR YEAR, BASED ON A HEATING VALUE OF 1020 BTU/SCF AND A GAUGE PRESSURE OF 5 PSI).
5. THE BOILER SHALL BE TUNED AT LEAST ONCE PER YEAR IN ACCORDANCE WITH THE TUNING PROCEDURE OUTLINED IN DISTRICT RULE 69.2 (SECTION J). THE PERMITTEE SHALL BE RESPONSIBLE FOR ALL BOILER TUNING AND COST INCURRED.
6. ALL RECORDS REQUIRED BY THIS PERMIT, INCLUDING MONTHLY FUEL USAGES AND

CONTROL NO.
191094

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 650-4700 FAX (858) 650-4659

PERMIT NO
961744
EXPIRES
MAY 1, 2002

PERMIT TO OPERATE

TUNE-UP DOCUMENTATION, SHALL BE MAINTAINED ON SITE FOR A MINIMUM OF THREE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

7. ACCESS, FACILITIES, UTILITIES AND ANY NECESSARY SAFETY EQUIPMENT FOR SOURCE TESTING AND INSPECTION SHALL BE PROVIDED UPON REQUEST OF THE AIR POLLUTION CONTROL DISTRICT
8. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATIONS REQUIRED BY OTHER GOVERNMENTAL AGENCIES.

CONTROL NO.
176350

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 694-3307 FAX (858) 694-2730

PERMIT NO.
961744
EXPIRES
MAY 1, 2001

PERMIT TO OPERATE

THIS PERMIT IS NOT VALID UNTIL REQUIRED FEES ARE RECEIVED BY THE DISTRICT.

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT AS SPECIFIED. THIS PERMIT TO OPERATE OR A COPY MUST BE POSTED ON OR WITHIN 35 FEET OF THE EQUIPMENT, OR READILY AVAILABLE ON THE OPERATING PREMISES.

		<u>EQUIPMENT ADDRESS</u>	
IDEC INC		IDEC INC	
ENVIRON HEALTH & SAFETY OFCR MARK THOMPSON			
11011 TORREYANA RD		11011 TORREYANA	
SAN DIEGO CA	92121-0000	SAN DIEGO CA	92121

EQUIPMENT DESCRIPTION

STEAM BOILER: PARKER INDUSTRIAL, 150 HP, 6.3 MMBTU/HR, NATURAL GAS FIRED,
S/N 42645.
(ALC 961744 11/98)
Sector#:10 ID#:92162A PO#:961744 BEC#:11214
Fee Schedules: 13A01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULES 2, 10, 40, 50, 51, 67.17, 69.2, 62, 53.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

1. THE INSTALLATION AND OPERATION OF THE BOILER AND ANY EMISSION CONTROLS SHALL BE LIMITED TO THE EQUIPMENT DESCRIBED ABOVE AND OPERATIONS SHALL BE IN ACCORDANCE WITH ALL THE CONDITIONS STATED HEREIN.
2. THE BOILER SHALL BE OPERATED ON NATURAL GAS ONLY. NO OTHER FUEL SHALL BE USED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE DISTRICT.
3. THE BOILER SHALL BE EQUIPPED WITH A NON-RESETTABLE TOTALIZING FUEL METER INSTALLED IN THE FUEL LINE TO THE BOILER TO MEASURE THE VOLUMETRIC FLOW RATE OF FUEL TO THE BOILER. THIS METER SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
4. NATURAL GAS CONSUMPTION SHALL NOT EXCEED 220,000 THERMS PER CALENDAR YEAR (AMOUNT EQUAL TO 16,094,356 CUBIC FEET OF NATURAL GAS PER CALENDAR YEAR, BASED ON A HEATING VALUE OF 1020 BTU/SCF AND A GAUGE PRESSURE OF 5 PSI).
5. THE BOILER SHALL BE TUNED AT LEAST ONCE PER YEAR IN ACCORDANCE WITH THE TUNING PROCEDURE OUTLINED IN DISTRICT RULE 69.2 (SECTION J). THE PERMITTEE SHALL BE RESPONSIBLE FOR ALL BOILER TUNING AND COST INCURRED.
6. ALL RECORDS REQUIRED BY THIS PERMIT, INCLUDING MONTHLY FUEL USAGES AND

APR 23 2001

CONTROL NO.
176350

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858)694-3307 FAX (858)694-2730

PERMIT NO.
961744
EXPIRES
MAY 1, 2001

PERMIT TO OPERATE

TUNE-UP DOCUMENTATION, SHALL BE MAINTAINED ON SITE FOR A MINIMUM OF THREE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

7. ACCESS, FACILITIES, UTILITIES AND ANY NECESSARY SAFETY EQUIPMENT FOR SOURCE TESTING AND INSPECTION SHALL BE PROVIDED UPON REQUEST OF THE AIR POLLUTION CONTROL DISTRICT
8. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATIONS REQUIRED BY OTHER GOVERNMENTAL AGENCIES.

**CONTROL NO.
162590**

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(619) 694-3307 FAX (619) 694-2730

**PERMIT NO.
961744
EXPIRES
MAY 1, 2000**

PERMIT TO OPERATE

THIS PERMIT IS NOT VALID UNTIL REQUIRED FEES ARE RECEIVED BY THE DISTRICT.

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT AS SPECIFIED. THIS PERMIT TO OPERATE OR A COPY MUST BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR READILY AVAILABLE ON THE OPERATING PREMISES.

IDEC INC
ENVIRON HEALTH & SAFETY OFCR MARK THOMPSON
11011 TORREYANA RD
SAN DIEGO CA 92121-0000

EQUIPMENT ADDRESS

IDEC INC
11011 TORREYANA
SAN DIEGO CA 92121-0000

EQUIPMENT DESCRIPTION

STEAM BOILER: PARKER INDUSTRIAL, 150 HP, 6.3 MMBTU/HR, NATURAL GAS FIRED,
S/N 42645.
(ALC 961744 11/98)
10 92162A 961744 11214
13A01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULES 2, 10, 40, 50, 51 AND 67.17.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

1. THE INSTALLATION AND OPERATION OF THE BOILER AND ANY EMISSION CONTROLS SHALL BE LIMITED TO THE EQUIPMENT DESCRIBED ABOVE AND OPERATIONS SHALL BE IN ACCORDANCE WITH ALL THE CONDITIONS STATED HEREIN.
2. THE PERMITTEE SHALL PROVIDE ACCESS, FACILITIES, UTILITIES, AND ANY NECESSARY SAFETY EQUIPMENT FOR SOURCE TESTING AND INSPECTION UPON REQUEST OF THE AIR POLLUTION CONTROL DISTRICT.
3. THE BOILER SHALL BE OPERATED ON NATURAL GAS ONLY. NO OTHER FUEL SHALL BE USED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE DISTRICT.
4. THE BOILER SHALL BE EQUIPPED WITH A NON-RESETTABLE TOTALIZING FUEL METER INSTALLED IN THE FUEL LINE TO THE BOILER TO MEASURE THE VOLUMETRIC FLOW RATE OF FUEL TO THE BOILER. THIS METER SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
5. NATURAL GAS CONSUMPTION SHALL NOT EXCEED 220,000 THERMS PER CALENDAR YEAR (AMOUNT EQUAL TO 16,094,356 CUBIC FEET OF NATURAL GAS PER CALENDAR YEAR, BASED ON A HEATING VALUE OF 1020 BTU/SCF AND A GAUGE PRESSURE OF 5 PSI).
6. THE BOILER SHALL BE TUNED AT LEAST ONCE PER YEAR IN ACCORDANCE WITH THE

**CONTROL NO.
162590**

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(619)694-3307 FAX(619)694-2730

**PERMIT NO.
961744
EXPIRES
MAY 1, 2000**

PERMIT TO OPERATE

TUNING PROCEDURE OUTLINED IN DISTRICT RULE 69.2 (SECTION J). THE PERMITTEE SHALL BE RESPONSIBLE FOR ALL BOILER TUNING AND COST INCURRED.

7. ALL RECORDS REQUIRED BY THIS PERMIT, INCLUDING MONTHLY FUEL USAGES AND TUNE-UP DOCUMENTATION, SHALL BE MAINTAINED ON SITE FOR A MINIMUM OF THREE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
8. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATIONS REQUIRED BY OTHER GOVERNMENTAL AGENCIES.

CONTROL NO.
159580

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(619) 694-3307 FAX (619) 694-2730

PERMIT NO.
961744
EXPIRES
MAY 1, 1999

PERMIT TO OPERATE

THIS PERMIT IS NOT VALID UNTIL REQUIRED FEES ARE RECEIVED BY THE DISTRICT.

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION EXCEPT AS SPECIFIED. THIS PERMIT TO OPERATE OR A COPY MUST BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR READILY AVAILABLE ON THE OPERATING PREMISES.

IDEC INC
ENVIRON HEALTH & SAFETY OFCR MARK THOMPSON
11011 TORREYANA RD
SAN DIEGO CA 92121-0000

EQUIPMENT ADDRESS

IDEC INC
11011 TORREYANA
SAN DIEGO, CA 92121-0000

EQUIPMENT DESCRIPTION

STEAM BOILER: PARKER INDUSTRIAL, 150 HP, 6.3 MMBTU/HR, NATURAL GAS FIRED,
S/N 42645.
(ALC 961744 11/98)
10 92162A 961744 11214
13A01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULES 2, 10, 40, 50, 51 AND 67.17.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

1. THE INSTALLATION AND OPERATION OF THE BOILER AND ANY EMISSION CONTROLS SHALL BE LIMITED TO THE EQUIPMENT DESCRIBED ABOVE AND OPERATIONS SHALL BE IN ACCORDANCE WITH ALL THE CONDITIONS STATED HEREIN.
2. THE PERMITTEE SHALL PROVIDE ACCESS, FACILITIES, UTILITIES, AND ANY NECESSARY SAFETY EQUIPMENT FOR SOURCE TESTING AND INSPECTION UPON REQUEST OF THE AIR POLLUTION CONTROL DISTRICT.
3. THE BOILER SHALL BE OPERATED ON NATURAL GAS ONLY. NO OTHER FUEL SHALL BE USED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE DISTRICT.
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5. NATURAL GAS CONSUMPTION SHALL NOT EXCEED 220,000 THERMS PER CALENDAR YEAR (AMOUNT EQUAL TO 16,094,356 CUBIC FEET OF NATURAL GAS PER CALENDAR YEAR, BASED ON A HEATING VALUE OF 1020 BTU/SCF AND A GAUGE PRESSURE OF

CONTROL NO.
159580

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(619) 694-3307 FAX (619) 694-2730

PERMIT NO.
961744
EXPIRES
MAY 1, 1999

PERMIT TO OPERATE

5 PSI).

6. THE BOILER SHALL BE TUNED AT LEAST ONCE PER YEAR IN ACCORDANCE WITH THE TUNING PROCEDURE OUTLINED IN DISTRICT RULE 69.2 (SECTION J). THE PERMITTEE SHALL BE RESPONSIBLE FOR ALL BOILER TUNING AND COST INCURRED.
7. ALL RECORDS REQUIRED BY THIS PERMIT, INCLUDING MONTHLY FUEL USAGES AND TUNE-UP DOCUMENTATION, SHALL BE MAINTAINED ON SITE FOR A MINIMUM OF THREE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
8. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATIONS REQUIRED BY OTHER GOVERNMENTAL AGENCIES.

COUNTY OF SAN DIEGO
AIR POLLUTION CONTROL DISTRICT

LEFT OFS SURVEY

HA03-01 02/23/04

SECTOR 10 VID NUMBER 92162A

COORDINATES : X = 0 Y = 0

INSPECTION FOR MARCH (ANNUAL)

EQUIPMENT LIST

DBA: BIOGEN IDEC INC

OWNERSHIP: BIOGEN IDEC INC

RENEWAL MONTH : MAY

EQUIPMENT ADDRESS:
11011 TORREYANA
SAN DIEGO CA 92121-0000

MAILING ADDRESS:
11011 TORREYANA RD
SAN DIEGO CA 92121-0000

CONTACT: ENVIRON HEALTH & SAFETY OFCR MARK T
PLEASE PRINT NAME MARK THOMPSON TITLE ASSOC. DIR - EHS

PHONE (858) 550-8500

SIGNATURE 

DATE

INSPECTOR: WILLIAM MUMGER

INSPECTION DATE: 3/2/04

ITEM EQUIPMENT DESCRIPTION

POH/BEC

COMPLIANCE STATUS

1. STEAM BOILER PARKER INDUSTRIAL, 150 HP, 6.3 MMBTU/HR, NATURAL GAS FIRED,
S/N 426451 WITH A LOW-NOX BURNER, PARKER INDUSTRIAL, MODEL PREMIX METAL
FIBER.
(ALC 961744 11/98) (975049 ALC 04/02) (08AUG02 ADD CONDITION #2800)
FEE SCHEDULES: 13A 01 92F 01
APPLICABLE RULES : 69.2 62 53 61.8 61.8 67.3

PO# 961744 exp 5/1/04 posted.
BEC 12153 new 2/6/17 new 10/6/16
69.2 LAST INSPECT : 21-AUG-2002

NTC
018358
NOV
214557

*replaced equipment, received O's conditions & no changes - source test demonstrates compliance 69.2
has mfg. inst. - new cond #2, natural gas fired, no liquid fuel. new cond #3 incinerator installed
last source test 6/1/03 - new cond #4, 31 ppm NOx & 10 ppm CO, 3 ppm CO, 10 ppm cond #5*

COMMENTS :

*site also has a solvent cleaner - no permit, no label of operating requirements - NTC
no solvent records - NTC - model E-200 S/N 5081896
also has a benzene blast cabinet - vented after contact equipment into
same room - exempt. R. 11/11/91 (19/10)*

New Telephone #

COUNTY OF SAN DIEGO
AIR POLLUTION CONTROL DISTRICT

LEFT c/s SURVEN

HA03-01 02/25/02

EQUIPMENT LIST

SECTOR 10 ID NUMBER 92162A COORDINATES : X = 0 Y = 0 INSPECTION FOR MARCH (ANNUAL)

DBA: IDEC INC OWNERSHIP: IDEC INC RENEWAL MONTH : MAY

EQUIPMENT ADDRESS: MAILING ADDRESS: 11011 TORREYANA RD SAN DIEGO CA 92121-0000

CONTACT: ENVIRON HEALTH & SAFETY OFCR MARK T
PLEASE PRINT NAME STEPHEN VIDAL TITLE EHHS ASSOCIATE (858) 431
550-8500 SIGNATURE _____ DATE _____

INSPECTOR: WILLIAM WARDER INSPECTION DATE: 8/20/02
ITEM EQUIPMENT DESCRIPTION PO#/BEC COMPLIANCE STATUS

1. MAL PO# 961744 INSTALLING EMISSION MONITORING/CONT
PARK BOILER APP 975049 MODIFICATION TO PO # 961744
FEE SCHEDULES: 13A 01 92F 01 MBF 01 RNP 01 RNP 01
incorporated in permit LAST INSPECT :

2. STEAM BOILER: PARKER INDUSTRIAL, 150 HP, 6.3 MBTU/HR, NATURAL GAS FIRED, PO# 961744 exp 5/1/03 - posted
S/N 42645. (ALC 961744 11/98) ANN RP BEC 11214 revs 10/21/97.2
FEE SCHEDULES: 13A 01 92F 01 MBF 01 RNP 01 RNP 01
APPLICABLE RULES : 69.2 62 53 61.8 67.16 67.3 LAST INSPECT : 3-MAY-2000

verified equipment as described, reviewed p/c conditions/no changes; 118806 ft³/min
natural gas fired, annual source test on 5/15/01 demonstrated compliance with
emission limits, in operation during inspection.

COMMENTS :

SAN DIEGO AIR POLLUTION CONTROL DISTRICT

COMPLIANCE DIVISION
INSPECTION CHECKLIST
FEE CODE 13 - BOILERS

Date of Inspection: 8/20/02

Company Name (dba): IDEC INC

Company Representative: SHARON VIDAL Title: EHS ASSOCIATE

ID #: 92162A Permit #: 961744 Expiration Date: 5/1/03

- EQUIPMENT DESCRIPTION: Same as P/O [X] Yes [] No
If no, are changes i.c.w. 10(a)/10(b) [] Yes [] No (Explain Below)
1. Observed in Operation? [X] Yes [] No
2. Permit posted i.c.w. Rule 10(c)? [X] Yes [] No [] N/A
3. Operating i.c.w. permit condition? [X] Yes [] No [] N/A
4. Rule 50 Visible Emissions Compliance? [X] Yes [] No [] N/A
5. Log of Operating Hours Kept? [X] Yes [] No [] N/A
6. Fuel Used:
[X] Natural Gas [] Liquid Petroleum [] Diesel No.:
[] Residual No.: [] Other: (Heat Value BTU/Hr)
Alternate Fuel: Annual Usage:
Fuel Sample Taken? [] Yes [X] No [] N/A
7. Rule 50 Visible Emissions Compliance [X] Yes [] No [] N/A
If no, Opacity % (See V/E Evaluation Sheet)
8. Notice to Comply Issued? Rule(s) [] Yes [X] No NTC #
9. Notice of Violation Issued? Rule(s) [] Yes [X] No NOV #
10. Date of Last Source Test: 5/15/01

Remarks:

Inspector's Signature: William J. ... Date: 8/20/02

SECTOR 10 ID NUMBER 92162A COORDINATES : X = 0 Y = 0 INSPECTION FOR MARCH (ANNUAL)

DBA: IDEC INC
 EQUIPMENT ADDRESS:
 11011 TORREYANA
 SAN DIEGO CA 92121-0000
 OWNERSHIP: IDEC INC
 MAILING ADDRESS:
 11011 TORREYANA RD
 SAN DIEGO CA 92121-0000
 RENEWAL MONTH : MAY

CONTACT: ENVIRON HEALTH & SAFETY OFCR MARK T
 PLEASE PRINT NAME TITLE PHONE SIGNATURE DATE
 Mark T. [Signature] (858) 550-8500

INSPECTOR: Burad Griffin INSPECTION DATE: 5-3-00
 EQUIPMENT DESCRIPTION PO#/BEC COMPLIANCE STATUS

1. ONE (1) CATERPILLAR EMERGENCY ENGINE GENERATOR MODEL: 3412 DITA, 890 BHP, 600 KW, S/N: S8114222, TURBOCHARGED AND AFTERCOOLED DIESEL FIRED.
 (APPL# 920494 EFH 04/23/93) PD# 920494 LW 10/10/91
 BEC 0121Y Planned followed, no A requested

FEE SCHEDULES: 34C 01 NO APP
 APPLICABLE RULES : 62 61.4 61.5 61.7 67.16 67.3
 LAST INSPECT : 30-MAR-1998
 EQUIPMENT NOTED, not operating during inspection; current hours: 59
 no outages, log maintenance per unit #4
 not operating: 19 hours (logs) -> 11W cond #2 limit of 52 hours/yr

2. STEAM BOILER: PARKER INDUSTRIAL, 150 HP, 6.3 MBTU/HR, NATURAL GAS FIRED, S/N 42645, PD# 961744 LW R101(B), not 11W R21 cond #5; R 69.2 (10/10/91)
 (ALC 961744 11/98) BEC 11214 no cond returned, not A requested
 FEE SCHEDULES: 13A 01 LAST INSPECT : 6-JUL-1999 LW# 209857
 APPLICABLE RULES : 69.2 62 53 61.7 67.16 67.3

COMMENTS :
 equipment verified, not operating during inspection; unit down for servicing (see comments below); natural gas only - 11W cond #2; non-ventilable totalizing meter installed to measure volumetric flow -> 11W cond #3; 69.2 (10/10/91) -> note: meter is not corrected for temp; pressure however; by consensus of compliance staff; engineering the volumetric meter is adequate to determine compliance w/ 69.2 (10/10/91); the boiler is turned annually (per statement of site) however, the tuning is not in accordance w/ R 69.2 (10/10/91) -> not 11W cond #5; R 69.2 (10/10/91) -> LW# 209857
 this boiler is limited to 220,000 lbs/hr, natural gas amount for cond #4 found to qualify for R 69.2 (10/10/91) compliance option (10/20/93) (11/11/99 cond #1)
 220,000 lbs/hr applies to 10,000,000 Btu/hr (10/10/91) (11/11/99 cond #1)
 current flow meter reading: 72369000, on 3-3-98 (last inspection) 28140000 for not 11W consumption of 14,229,000 ccf since last inspec.
 records show that 21,059,000 (280 Kwh) has been consumed between 11/15/98; 11/16/99 (1st year of permit)
 records show that 21,076,000 (280 MWh) has been consumed between 9/27/98; 9/27-99 (1st year of R 69.2 applicability)
 records show that 21,076,000 (280 MWh) has been consumed between 11/99; 12/31/99 (1st calendar year of operation)
 records show that 21,076,000 (280 MWh) has been consumed between 1/1/00; 1/1/00 (1st calendar year of operation)

calendar year info being sent by site will submit NW when info is received
 6
 LW# 209857

[Handwritten signature]

AIR POLLUTION CONTROL DISTRICT
 COUNTY OF SAN DIEGO
 9150 CHESAPEAKE DRIVE
 SAN DIEGO CA 92123-1096
 PHONE (619) 694-3340
 FAX (619) 694-2730

Sector/ID	10 / 92162A	
P/O#	961544	
Fee Code	13A	
Method	Annual	
Entered		
AECP	PSD	SIP
NESHAP	NSR	
(APCD use only)		

NOTICE OF VIOLATION

Date(s) of Violation 9-27-98 through 5-3-00 Date of Report 5-3-00
 Name Idec Inc. Phone (656) 550-8500
 Address 11011 Torreyana Rd. City San Diego 92121
 Violation Location same City _____ (Zip Code)

Specifically, the following violation(s) of the San Diego Air Pollution Control District rules and/or laws of the State of California has occurred: (abbreviations: H&S=Cal. Health & Safety Code; CCR=Cal. Code of Regulations; R=Rule)

Section	Description of Violation
Rule 21 for condition # 4 of the Permit to Operate	for exceeding the 220,000 therm per year limit for natural gas consumption for the Parker boiler, serial number H2645, 63 MBTU
Rule ⁶¹² 612 for condition # 5 of the Permit to Operate	failure to tune the boiler at least once per year in accordance with the tuning procedure outlined in District Rule 612 (section J)

Pursuant to California Health and Safety Code section 42400 et seq., any person who violates any Order, Rule, or Regulation of the State Board or of an Air Pollution Control District is guilty of a MISDEMEANOR. Each day a violation occurs constitutes a separate offense.

YOU MUST ADVISE THE DISTRICT IN WRITING, WITHIN TEN DAYS, OF THE ACTION TAKEN TO CORRECT THE ALLEGED VIOLATION(S) OR THE REASON(S) YOU BELIEVE THE VIOLATION(S) DID NOT OCCUR. PLEASE MAIL YOUR RESPONSE TO THE AIR POLLUTION CONTROL DISTRICT, ATTENTION: COMPLIANCE DIVISION, 9150 CHESAPEAKE DRIVE, SAN DIEGO, CALIFORNIA 92123-1096.

Inspector Wesley Burton Date 5-3-00 Time 16:45

SIGNING THIS NOTICE ACKNOWLEDGES RECEIPT OF THIS NOTICE, IT IS NOT AN ADMISSION OF GUILT.

Received by x Hayden Knox Title Plant Supervisor
 (Print name)

Signature x [Signature] Date 5-3-00

(See reverse side for more information.)

SAN DIEGO AIR POLLUTION CONTROL DISTRICT

COMPLIANCE DIVISION
INSPECTION CHECKLIST
FEE CODE 13 - BOILERS

Audit

UP

Date of Inspection: 7-6-99

Company Name (dba): IDEL Tals

Company Representative: _____ Title: _____

ID #: 92162A Permit #: 961744 Expiration Date: 5-1-2000

EQUIPMENT DESCRIPTION: Same as P/O Yes No

If no, are changes i.c.w. 10(a)/10(b) Yes No (Explain Below)

- 1. Observed in Operation? Yes No
- 2. Permit posted i.c.w. Rule 10(c)? Yes No N/A
- 3. Operating i.c.w. permit condition? Yes No N/A
- 4. Rule 50 Visible Emissions Compliance? Yes No N/A
- 5. Log of Operating Hours Kept? Yes No N/A

6. Fuel Used:

Natural Gas Liquid Petroleum Diesel No.: _____

Residual No.: _____ Other: _____ (Heat Value _____ BTU/Hr)

Alternate Fuel: _____ Annual Usage: _____

Fuel Sample Taken? Yes No N/A

7. Rule 50 Visible Emissions Compliance Yes No N/A

If no, Opacity _____ % (See V/E Evaluation Sheet)

8. Notice to Comply Issued? Rule(s) _____ Yes No NTC # _____

9. Notice of Violation Issued? Rule(s) _____ Yes No NOV # _____

10. Date of Last Source Test: _____

Remarks: last annual inspection by Jorge Lopez on 3-30-98 AP OK

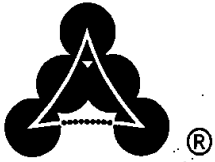
This equipment inspected per AIC # 961744 at that time.

Will inspect next annual

30

Inspector's Signature: Gerald Griffin Date: 7-6-99

(Signature)



Tanox, Inc.

11011 Torreyana Road
San Diego, CA 92121-1104
(858) 373-3600 • (858) 373-3601 (fax)

10301 Stella Link
Houston, Texas 77025-5445
(713) 578-4000 • (703) 578-5004 (fax)

San Diego Air Pollution Control District
Attn: Mechanical Engineering Dept - Evariste Haury
10124 Old Grove Road, San Diego CA 92131-1649

RE: Permit to Operate Number 961744

May 3, 2007

Mr. Haury,

Enclosed are the following forms requested to expedite a review and modify the conditions (remove the source test requirement) on our Boiler Permit to Operate:

- APCD 116(Rev. 04/07) – Permit /Registration Application
- Supplemental Application Information – Fee Schedule I31

Please contact me on Nextel if you need any additional information.

Thank You,

Judi Gaither
Senior Facilities Coordinator
Tanox West, Inc.
Nextel: 858 864 6576

cc: Suzanne Blackburn, SDAPCD Source Testing
Gary Hartnett, SDAPCD Compliance



Air Pollution Control Board

Greg Cox	District 1
Dianne Jacob	District 2
Pam Slater	District 3
Ron Roberts	District 4
Bill Horn	District 5

August 16, 2002

IDEC INC
ENV HEALTH & SAFETY OFFICER MARK THOMPSON
11011 TORREYANA RD
SAN DIEGO CA 92121

EQUIPMENT ADDRESS: SAME AS ABOVE

**NOTICE OF INTENT TO MODIFY
PERMIT TO OPERATE CONDITIONS**

The District is modifying the conditions of Permit to Operate No.(s) 961744. The modifications to your permit conditions reflect current District requirements and Compliance procedures.

The new operating conditions appear on the attached Permit to Operate. Please review each condition carefully. You are required to operate in accordance with these new conditions.

Within 30 days after receipt of this letter, you may petition the Hearing Board for a hearing on any revised condition in accordance with Rule 25.

If you have any questions regarding the modified conditions, please contact Dan Speer at (858) 650-4607.

Patricia Weikel
APC Aide

PW:pw

cc: Compliance

Sector 10 ID# 92162A

APCD 116 (Rev. 09/05)

SAN DIEGO AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO CA 92131-1649
PHONE (858) 586-2600 • FAX (858) 586-2601

PERMIT / REGISTRATION APPLICATION

FILING THIS APPLICATION DOES NOT GRANT PERMISSION TO CONSTRUCT OR TO OPERATE EQUIPMENT

IMPORTANT REMINDERS: Read instructions on the reverse side of this form prior to completing this application. Please ensure that all of the following are included before you submit the application:

- Appropriate Permit Fee
- Completed Supplemental Form(s)
- Signature on Application

REASON FOR SUBMITTAL OF APPLICATION: (check the appropriate item and enter Application (AP) or Permit to Operate (PO) number if required)

- 1. New Installation
- 2. Existing Unpermitted Equipment or Rule 11 Change
- 3. Modification of Existing Permitted Equipment
- 4. Amendment to Existing Authority to Construct or AP
- 5. Change of Equipment Location
- 6. Change of Equipment Ownership
- 7. Change of Permit Conditions
- 8. Change Permit to Operate Status to Inactive
- 9. Banking Emissions
- 10. Registration of Portable Equipment
- 11. Other (Specify) _____
- 12. List affected AP/PO#(s): 961744 9716831

APPLICANT INFORMATION

- 13. Name of Business (DBA) TANOX WEST INC.
- 14. Nature of Business _____
- 15. Does this organization own or operate any other APCD permitted equipment at this or any other adjacent locations in San Diego County? Yes No
If yes, list assigned location ID's listed on your PO's N/A
- 16. Type of Ownership Corporation Partnership Individual Owner Government Agency Other _____
- 17. Name of Legal Owner (if different from DBA) Genentech, Inc.

A. Equipment Owner

B. Authority to Construct (if different from A)

- 18. Name TANOX WEST INC.
- 19. Mailing Address One Antibody Way C/O EHS
- 20. City Oceanside
- 21. State CA Zip 92056
- 22. Phone (760) 231-2491 FAX (760) 231-2253

C. Permit to Operate (if different from A)

D. Billing Information (if different from A)

- 23. Name _____
- 24. Mailing Address Genentech, Inc.
- 25. City One Antibody Way - C/O Gary Merrill
- 26. State CA Zip 92056
- 27. Phone (760) 231-2427 FAX (760) 231-2253

EQUIPMENT/PROCESS INFORMATION: Type of Equipment: Stationary Portable.

If portable, will operation exceed 12 consecutive months at the same location Yes No

- 28. Equipment Location Address 11011 Torreyanna RD City San Diego Parcel No. _____
- 29. State CA Zip 92121 Phone (760) 231-2810 FAX (760) 231-2253
- 30. Site Contact Gwstan Ganguly Title Project Manager Phone (760) 231-2810
- 31. General Description of Equipment/Process Inactive Building for lease

- 32. Application Submitted by Owner Operator Contractor Consultant Affiliation _____

EXPEDITED APPLICATION PROCESSING: I hereby request Expedited Application Processing and understand that:

- 33. a) Expedited processing will incur additional fees and permits will not be issued until the additional fees are paid in full (see Rule 40(d)(8)(iv) for details).
- b) Expedited processing is contingent on the availability of qualified staff.
- c) Once engineering review has begun this request cannot be cancelled.
- d) Expedited processing does not guarantee action by any specific date nor does it guarantee permit approval.

I hereby certify that all information provided on this application is true and correct.

- 34. SIGNATURE Gary Merrill Date July 10, 2008
- 35. Print Name Gary Merrill Title SR. EHS Specialist
- 36. Company Genentech Inc Phone (760) 231-2427 E-mail Address gmerrill@gene.com

APCD USE ONLY

TNO #986833 12548 13A0

AP # <u>986833</u>	ID # <u>92162A</u>	Cust. No. <u>TANOX001</u>	Sector: <u>10</u>	UTM's X _____	Y _____	SIC <u>8731</u>	
Receipt # <u>CC-Am-EX</u>	Date <u>7-10-08</u>	Amt Rec'd \$ <u>108-</u>	Fee Code <u>49A</u>				
Engineering Contact _____	Fee Code _____	AP Fee \$ _____	T&M Renewal Fee \$ _____				
Refund Claim # _____	Date _____	Amt \$ _____					
Application Generated By NV# _____	NC# _____	Other _____	Date _____	Inspector _____			

49A 895 IFA #13 RNP TO 05/09

PERMIT / REGISTRATION APPLICATION

SUBMITTAL OF THIS APPLICATION DOES NOT GRANT PERMISSION TO CONSTRUCT OR TO OPERATE EQUIPMENT EXCEPT AS SPECIFIED IN RULE 24(d)

IMPORTANT REMINDERS: Read instructions on the reverse side of this form prior to completing this application. Please ensure that all of the following are included before you submit the application:

- Appropriate Permit Fee
- Completed Supplemental Form(s)
- Signature on Application

REASON FOR SUBMITTAL OF APPLICATION: (check the appropriate item and enter Application (AP) or Permit to Operate (PO) number if required)

- 1. New Installation
- 2. Existing Unpermitted Equipment or Rule 11 Change
- 3. Modification of Existing Permitted Equipment
- 4. Amendment to Existing Authority to Construct or AP
- 5. Change of Equipment Location
- 6. Change of Equipment Ownership
- 7. Change of Permit Conditions
- 8. Change Permit to Operate Status to Inactive
- 9. Banking Emissions
- 10. Registration of Portable Equipment
- 11. Other (Specify) _____
- 12. List affected AP/PO#(s): 961744

APPLICANT INFORMATION

- 13. Name of Business (DBA) Tanox West, Inc.
- 14. Nature of Business Biopharmaceutical Manufacturing
- 15. Does this organization own or operate any other APCD permitted equipment at this or any other adjacent locations in San Diego County? Yes No
If yes, list assigned location ID's listed on your PO's Same address: 11011 Torreyana Rd., San Diego, CA 92121 Generator Permit # 97683
- 16. Type of Ownership Corporation Partnership Individual Owner Government Agency Other _____
- 17. Name of Legal Owner (if different from DBA) _____

- | | | | |
|---------------------|---|---|---|
| 18. Name | <u>Del Mar Partnership, Inc. (Alton White)</u> | A. Equipment Owner | B. Authority to Construct (if different from A) |
| 19. Mailing Address | <u>1400 Maiden Lane</u> | | <u>N/A</u> |
| 20. City | <u>Del Mar</u> | | |
| 21. State | <u>CA</u> Zip <u>92014</u> | | |
| 22. Phone | <u>(858) 519-0073</u> FAX <u>(858) 792-1470</u> | | |
| 23. Name | <u>Tanox West, Inc. (Lessor)</u> | C. Permit to Operate (if different from A) | D. Billing Information (if different from A) |
| 24. Mailing Address | <u>11011 Torreyana Rd</u> | | <u>Tanox West, Inc.</u> |
| 25. City | <u>San Diego</u> | | <u>10301 Stella Link</u> |
| 26. State | <u>CA</u> Zip <u>92121</u> | | <u>Houston</u> |
| 27. Phone | <u>(858) 373-3600</u> FAX <u>(858) 373-3601</u> | | <u>TX</u> Zip <u>77025</u>
<u>(713) 578-4000</u> FAX <u>(713) 578-5000</u> |

EQUIPMENT/PROCESS INFORMATION: Type of Equipment: Stationary Portable.

If portable, will operation exceed 12 consecutive months at the same location Yes No

- 28. Equipment Location Address 11011 Torreyana Rd City San Diego Parcel No. _____
- 29. State CA Zip 92122 Phone (858) 373-3600 FAX (858) 373-3601
- 30. Site Contact Judi Gaither Title Senior Facilities Coordinator Phone (858) 864-6576
- 31. General Description of Equipment/Process To heat utilities and plant steam

- 32. Application Submitted by Owner Operator Contractor Consultant Affiliation _____

EXPEDITED APPLICATION PROCESSING: I hereby request Expedited Application Processing and understand that:

- 33. a) Expedited processing will incur additional fees and permits will not be issued until the additional fees are paid in full (see Rule 40(d)(8)(iv) for details).
- b) Expedited processing is contingent on the availability of qualified staff.
- c) Once engineering review has begun this request cannot be cancelled.
- d) Expedited processing does not guarantee action by any specific date nor does it guarantee permit approval.

I hereby certify that all information provided on this application is true and correct.

- 34. SIGNATURE Judi Gaither Date 01 MAY 07
- 35. Print Name Judi Gaither Title Senior Facilities Coordinator
- 36. Company Tanox West Inc Phone 858 864 6576 E-mail Address jgaither@tanox.com

APCD USE ONLY

AP # 985363 ID # 92162A Cust. No. TANOX001 Sector: 10 UTM's X _____ Y _____ SIC 8731

Receipt # _____ Date 5-8-07 Amt Rec'd \$ 1,165.500 Fee Code 13A (change)

Engineering Contact Karen Campbell Fee Code _____ AP Fee \$ _____ T&M Renewal Fee \$ _____

Refund Claim # _____ Date _____ Amt \$ _____

Application Generated By NV# _____ NC# _____ Other _____ Date _____ Inspector _____

13A-1560 NBF-95 -1-

RWP to 5/08

Received in
P.P. 5-8-07
From Suzanne B.

2007 MAY 24 10 32

CONTROL SYSTEMS

SUPPLEMENTAL APPLICATION INFORMATION
FEE SCHEDULE 131 ONLY

San Diego APCD Use Only
Appl. No.: 985363
ID No.: 92162A

**NATURAL GAS FIRED BOILER LESS THAN 50 MM BTU PER HR AND WITH
AN ANNUAL HEAT INPUT LESS THAN 220,000 THERMS PER YEAR OR
LESS THAN 10 PERCENT ANNUAL CAPACITY FACTOR**

Please type or print the information requested below.

Update

Company Name: Tanox West, Inc

Equipment Address: 11011 Torreyana Rd.

New Replacement Other boilers at facility? Yes No

School within 1000 feet?* Yes No Parcel No. _____

A. EQUIPMENT DESCRIPTION

Manufacturer/Model/ S/N: Parker Industrial, 150HP, S/N 42645

Heat Input Capacity: 6.3 MM Btu/hr (limit is 5 to 50 MM Btu/hr)

Fuel Meter: Make/Model/Serial No. American Meter Co., GT-3, 275psi, 10,000 cfm, S/N 997717

Is meter corrected to standard conditions? Yes No

If No, it will be necessary to know the fuel line pressure immediately upstream of the meter in order to evaluate fuel usage

NO IA ✓ DIMAYOT

Provide the equipment manufacturer's specifications.

B. PROCESS DESCRIPTION: (Briefly describe the intended use of the boiler indicating hours per year use.)

To heat utilities and plant steam

C. OPERATING SCHEDULE

Maximum: 24 hrs/day; 7 days/wk; 52 wks/yr

D. FUEL INFORMATION:

Type of fuel: (Natural Gas, LPG etc.) Natural Gas

Annual Fuel Usage: 17,815,000 Cubic Feet (limit is 21,568,627 cu. ft /yr)

Maximum Annual Hours of Operation: 8,760 hrs/yr

Does this engine use diesel fuel as a backup?* Yes No

Name of Preparer: Judi Gaither Phone No.: (858) 864-6576

Title: Senior Facilities Coordinator Date: 01 May 07

*Please note that boilers located within 1000 feet of a school or which can be fired on diesel fuel, even as a backup fuel, are ineligible for the Streamlined permitting program.

① This is an update to an existing boiler PO#96174 permit. Please revise requirements of permit accordingly. Based on usage we may no longer need the source testing. JB DIMAYOT

RECEIVED

2007 MAY -4 P 1:32

AIR POLLUTION
CONTROL DISTRICT

APPLICABLE RULES

Rule 50: Visible emissions

This Rule prohibits any person from discharging from any sources of emissions for a period of more than three minutes any air contaminant which is darker in shade than that designated as Number 1 on the Ringlemann Chart, or of such opacity as to obscure an observer's view to a degree greater than does smoke of a shade designated as number 1 on the Ringlemann chart.

Visible emission from this equipment operation is expected to be in compliance with rule.

Rule 51: Nuisance

This Rule prohibits a person from discharging from any source whatsoever such quantities of air contaminants or other materials which causes injury, nuisance or annoyance to the public or which causes damage to business or property.

No nuisance complaints are expected from this equipment operation.

Rule 53 Specific Air Contaminants

This Rule prohibits any person from discharging from any sources of emissions combustion particulate matter in excess of 0.1 gr/dscf standardized to 12% CO₂.

PM levels for this boiler are negligible since CO level –in direct relationship with PM in natural gas combustion- is in the 9 ppm level. PM estimated to be less than 0.01 lb/day, therefore expected to be in compliance with this rule.

Rule 69.2: Industrial and Commercial Boilers

This Rule gives options to comply with Section (d) Emission Standards.

(d)(2) gives the possibility of an annual tuning of the boiler in lieu of source testing if the boiler does not have an annual heat input of 220,000 therms or more.

The applicant is selecting this option. To verify compliance it is required that the natural gas meter in operation will either display the cumulative standard cubic feet or display cumulative cubic feet with gas line pressure and to know the line pressure is approximately constant. New conditions proposed address this issue for 2nd alternative (non-standard cubic feet). Condition # 23861 addresses the tune-up obligation.

(e)(3) Requires the operator to monitor fuel heat value.

Condition #20599 requires the operator to use only natural gas.

(e)(6) Requires the operator to maintain documentation verifying the required annual tune-ups including the date.

Condition # 27421 addresses specifically the availability of tune-up documentation.

**ENGINEERING EVALUATION
AUTHORITY TO CONSTRUCT / PERMIT TO OPERATE**


Facility Name: **Tanox West Inc.**

Application Number : **985363**

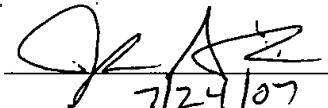
Equipment Type: **BOILER**
Facility ID: **92162a**

Equipment Address: **11011 Torreyana Rd. , San Diego, CA, 92122**

Facility Contact: **Judy Gaitner/ Bob Fischer**
Title: **Senior Facilities Coordinator/ Lead Facilities Mechanic**
Phone: **(858) 864-6576 / 373-4576**

Permit Engineer: **Jorge Talavera** 

Date Evaluation Completed: **May 24, 2007**
Date Evaluation Modified:

Senior Engineer Signature: 
Date Reviewed: 7/24/07

1.0 BACKGROUND

- 1.1 **Type of Application** – The Plant is already permitted with PO 961744. Application is to modify current permit to waive source testing and limit the boiler to 220K therms annually.
- 1.2 **Permit History** – The application was submitted in May 08, 2007 and the inspection of the facility was made on May 22, 2007.
- 1.3 **Facility Description** – Facility was first called IDEC Inc., and has now changed to Tanox West, a Houston based pharmaceutical research company. Facility does basically new drug research and testing.
- 1.4 **Other Background Information** – No board actions, no nuisance complaints, no legal issues, no Title V.

2.0 PROCESS DESCRIPTION

- 2.1 **Equipment** – Equipment already permitted is:
One (1) Parker Industrial Boiler: 150 HP, 6,300,000 BTU/hr, serial number 42645. Has a low NOx premix burner.
- 2.2 **Process** – Boiler produces steam to be used in plant heating devices, sterilizing and for utilities heating.

- 2.3 **Emissions Controls** – Boiler is fitted with a Lo-NOx premix burner said to be guaranteed to a maximum of 20 ppmv at 3% O2. Source testing (five data points) has shown NOx between 16 and 21 ppm at 3% O2.
- 2.4 **Attachments** – No process schematics.

3.0 EMISSIONS

- 3.1 **Emission Estimate Summary** – The emissions for this boiler will not vary but only be limited to 220K therms. Summary follows:

Pollutant	Daily emissions (lb/day)	Annual emission (tpy)
NOx	1.1328	0.207
CO	0.3612	0.066
THC	Negligible	Negligible
PM	Negligible	Negligible
Sox	0.02	0.0037

- 3.2 **Emission Estimate Assumptions** – The operating schedule of this facility is 24x7. We have used the annual estimate of therms to be used by the applicant and calculated an hourly average.
- 3.3 **Emissions Calculations** – Attached.
- 3.4 **Emission Calculation References** – Boiler annual output and real source test results on this boiler.

4.0 APPLICABLE RULES

- 4.1 **Prohibitory Rules** – Rules are: 50, 51, 53, 69.2. Are explained in detail in attachment but the boiler with premix burner has such good combustion that CO levels are of the 9.4 ppm order and therefore PM is negligible (< 0.01 lb/day) affecting positively all such rules.
- 4.2 **NSR** – BACT is not enforced since PM < 10 lb/day. In practice though, the emission with a NOx average level of 18.0 ppm is BACT from an economic standpoint. *(Not a new source)*.
- 4.3 **TNSR** – Not applicable as there is no toxics increase involved.
- 4.4 **AB 3205** – Not applicable as there is no toxics increase involved.
- 4.5 **ATCM REQUIREMENTS** - Not applicable.
- 4.6 **ATTACHMENTS** – Attached are Permit to Operate Approval Request (that includes the Rule Analysis), Emissions Calculations.

triggered criteria pollutants (NOx, VOC, PM, SOx)

6.0 RECOMMENDED CONDITIONS

6.1 Condition List -

Recommended the use of BEC 12686 modified with conditions that are associated with 220K limit and its determination. The proposed conditions are: 20599, 26847, 23861, 27421, New1, New2.

The new proposed conditions are:

New1: Natural gas usage shall not exceed 220,000 therms per calendar year.

This is an amount equivalent to 21,000,000 cubic feet measured at actual average gas pressure.

New2: Natural gas pressure near the meter shall be recorded and kept between the range of 10.5" and 12.5" water gage at least 90% of the time the boiler is in operation.

7.0 INSPECTION REPORT

An inspection report is attached.

*Note -
Until we get the computerized system
to modify BEC's, the facility will have
permit based on BEC ~~12686~~
12548*

REQUEST FOR NEW OR MODIFIED BASIC EQUIPMENT CODE (BEC)

COMPANY NAME: TANOX WEST INC.		DATE: 05/24/07	BEC NO. NEW BEC. (derives from 12686 to include conditions related to measurement of natural gas to boiler)
APPL. / PO NO: 9845363 PO: 961744		FEE SCHEDULE: 13a	
ENGINEER: JFT <i>JFT</i>	SR. ENGR:	SR. INSP:	PRM PROC:
DATE: 05/24/07	DATE:	DATE:	DATE:
BEC DESCRIPTION (equipment description as it will appear in VAX)		EXISTING AND/OR "NEW" CONDITION NOS. (list in order to appear on P/O, e.g. 11031, 11032, NEW1).	
BOILER, LIMITED TO 220,000 THERMS.		20599, 268847, 23861, 27421, NEW1, NEW2	
COND. NO.	NEW/CHANGED CONDITION LANGUAGE. LIST IN ORDER TO APPEAR ON P/O		
NEW1	NATURAL GAS USAGE SHALL NOT EXCEED 220,000 THERMS PER CALENDAR YEAR. THIS IS AN AMOUNT EQUIVALENT TO 21,000,000 CUBIC FEET MEASURED AT ACTUAL AVERAGE GAS PRESSURE.		
NEW2	NATURAL GAS PRESSURE NEAR THE METER SHALL BE RECORDED AND KEPT BETWEEN THE RANGE OF 10.5" TO 12.5" WATER GAGE AT LEAST 90% OF THE TIME THE BOILER IS OPERATING.		

NOTES: This set of conditions derives mostly from BEC 12686. We have added specific limits to the natural gas flow totalizer and keeping record of the pressure of the gas line.

+

Site Inspection Report

Site Name: Tanox West Inc. Application No. 985363.

Day: May 24, 2007

Time : Left APCD at about 9:20 am. Was at site at about 10:05 am. Left site at about 10:55 am. Back in APCD at about 11:25 am.

Observations:

Facility is a bio-pharmaceutical research site. Boiler produces plant steam, also used to heat utilities.

Steam produced is medium pressure. I have observed that it shuts down the main burner at about 122 # in the main line and it does reignite it at about 80 #, so the steam main line pressure is floating.

Boiler nameplate characteristics are:

Parker Boiler, serial no. 42645, 150 HP capacity, 6,300,000 BTU/hr, 150 psi, 1,993 sq-ft area. Local name is SB #2, 83E01.

The natural gas meter is a GT-3 American Meter 275 # and 10,000 cf/hr maximum. The meter cumulative reading at May 22, 10:15 am. was of **206056** uncorrected thousands of cubic feet of natural gas.

The main burner is a premix burner managing loads through a modulating motor that drives a fuel valve. The pressure at the premix burner was observed to be about 6.5" water gage at very low load or idling and I was informed it goes down to 4" water gage at high loads probably due to the curve of the centrifugal blower.

The gas meter is not corrected for pressure. It has a pressure transmitter after the meter but before the gas control valves (instead of before the meter which should be the correct installation) probably due to lack of space to install it. The meter characteristic is Honeywell DR 4500, 0-15" water gage, serial no. 983248376089. This meter is connected to the line but it was not fitted with a circular chart. The meter was reading 11.7" water gage. I asked the operator to show me previous charts, he pulled out two red ink charts and they showed about 11.5" water gage as an average pressure. The charts should be kept there and by this inspection I am assuming the average gas pressure at the meter is 11.5" water gage. Since the instrument is not correcting for that pressure, the total permitted annual gas usage should be:

$21,600,000/1.0283 = 21,005,543$ which is rounded to 21,000,000 cubic feet per year. By this criteria, maximum reading by May 22, 2008 should be: **227056**.

According to personnel on site - Mr. Bob Fischer - boiler operates 24 x 7 to keep the steam line pressurized but the actual steam generation is quite small and was estimated at 17,815,000 (which is really 18,319,000); now $18,319,000/8760 = 2,091$ scf/hr average gas hourly usage (20% of max instrument reading).

JFT

Ref: Performance evaluation Friday 27th April 07

John Anwarichianico,

I am ~~send~~ attaching

Parker Boiler s/n 42645
150 HP 6'300,000
393/120 PSI (150 PSI)
19A3 27 H
S/N # 2 83 E P 1

GT-3 225 PSI max 0-15"
96 7713 11 Aug
10,000 CASH
American Metals

completion May 22/07 206056 H⁰⁰⁰ P⁰⁰⁰
4.04 for C.5 H WC

○ Honeywell DR4500 0-15" H₂O
s/n 983278376089 00001

120 psi down
80 psi up

usually don't read the
Pressure

206056000

///

Estimated Emissions for

	NOx	CO
Source testing gives:		
	ppm	
	16.0	5.0
	16.0	22.0
	21.0	3.0
	19.0	10.0
	18.0	7.0
Average	18.0	9.4

Annual fuel usage (raw): 17815000
 Annual fuel usage corrected 18319165 scf

Fuel use average (scf/hr) . 2091 scf/hr

	NOx	CO	Sox
Emissions calculated: lb/hr	0.0472	0.01505	0.000844
lb/day	1.1328	0.3612	0.020256
	8760	8760	8760
lb/yr	413.472	131.838	7.39344
Annual emissions:	0.206736	0.065919	0.003697

Estimated Emissions for

	NOx	CO
Source testing gives:		
	ppm	
	16.0	5.0
	16.0	22.0
	21.0	3.0
	19.0	10.0
	18.0	7.0
Average	18.0	9.4

Annual fuel usage (raw): 17815000
 Annual fuel usage corrected: 18319165 scf

Fuel use average (scf/hr) 2091 scf/hr

	NOx	CO	Sox
Emissions calculated: lb/hr	0.0472	0.01505	0.000844
lb/day	1.1328	0.3612	0.020256
lb/yr	413.472	131.838	7.39344
Annual emissions:	0.206736	0.065919	0.003697

REQUEST FOR NEW OR MODIFIED BASIC EQUIPMENT CODE (BEC)

COMPANY NAME: TANOX WEST INC.		DATE: 05/24/07	BEC NO.
APPL. / PO NO: 9845363 PO: 961744		FEE SCHEDULE: 13a	NEW BEC. (derives from 12686 to include conditions related to measurement of natural gas to boiler)
<i>Jorge, Please submit BEC requests via e-mail.</i>			
ENGINEER: JFT	SR. ENGR: _____	SR. INSP: _____	PRM PROC: _____
DATE: 05/24/07	DATE: _____	DATE: _____	DATE: _____
BEC DESCRIPTION (equipment description as it will appear in VAX)		EXISTING AND/OR "NEW" CONDITION NOS. (list in order to appear on P/O, e.g. 11031, 11032, NEW1).	
BOILER, LIMITED TO 220,000 THERMS.		<i>fuel meter</i> 20599, 268847, 23861, 27421, NEW1, NEW2 <i>timing records</i>	
COND. NO.	NEW/CHANGED CONDITION LANGUAGE. LIST IN ORDER TO APPEAR ON P/O		
NEW1	NATURAL GAS USAGE SHALL NOT EXCEED 220,000 THERMS PER CALENDAR YEAR. THIS IS AN AMOUNT EQUIVALENT TO 21,000,000 CUBIC FEET MEASURED AT ACTUAL AVERAGE GAS PRESSURE.		
NEW2	NATURAL GAS PRESSURE NEAR THE METER SHALL BE RECORDED AND KEPT BETWEEN THE RANGE OF 10.5" TO 12.5" WATER GAGE AT LEAST 90% OF THE TIME THE BOILER IS OPERATING.		

NOTES: This set of conditions derives mostly from BEC 12686. We have added specific limits to the natural gas flow totalizer and keeping record of the pressure of the gas line.

John: This file for BEC approval. May 27, 07
After that, I will prepare PO.

Two

Jorge J

*Jorge,
 We have not required facilities to record periodic gas line pressure and it does not appear to be causing any compliance issues. If you would like to update condition 26849 to reflect current heat content of natural gas as we discussed, I am ok with that. Otherwise BEC 12548 appears to be a good fit. Thanks, John*

Blackburn, Suzanne

From: Judi Gaither [jgaither@tanox.com]
Sent: Friday, May 25, 2007 2:14 PM
To: Blackburn, Suzanne
Subject: RE: Tanox Re: Permit 961744

Hi Suzanne,

I know you primarily handle the source testing – however, wondering who I should talk to about taking "Saya Godwin's" name off our account and replacing with my name. She has not been with the company for over a year and I thought I'd requested the change, but just got our permits and they have her name on them. Can you point me in the right direction?

Thanks
Judi

From: Hartnett, Gary [mailto:Gary.Hartnett@sdcounty.ca.gov]
Sent: Thursday, May 10, 2007 7:49 AM
To: Judi Gaither
Cc: Blackburn, Suzanne; Haury, Evariste
Subject: RE: Tanox Re: Permit 961744

Hi Judi,

Sorry I didn't get back to you sooner but yes, the District will allow you to postpone your source testing requirement while the new application is processed. Once the application is processed and the source testing requirement is removed, you will no longer be required to conduct annual source testing. Instead annual tune ups of the boiler will be required.

Please retain this e-mail for your records. If you have any questions please give me a call.

Gary

Gary M. Hartnett
Air Quality Inspector III
Compliance Division
Air Pollution Control District
(858) 586-2671
Gary.Hartnett@sdcounty.ca.gov

Celebrating 50 years of air quality progress!

From: Judi Gaither [mailto:jgaither@tanox.com]
Sent: Wednesday, May 02, 2007 11:45 AM
To: Hartnett, Gary; Haury, Evariste

5/25/2007

Cc: Marissa Arayata; Bob Fischer
Subject: RE: Tanox Re: Permit 961744

Hi Gary,
I spoke with Evariste today to advise that I have filled out APCD 116 and I31 to modify our Existing Permit 961744 in order to avoid the annual source test. Our permit expires at the end of this month. We have not yet completed a source test for permit May 07 – May 08. Will you be providing us permission to delay the source test until Evariste can review?

Evariste,
I will send the forms today. Please let me know if you would like me to send you the scanned copies of originals now.

Thank You,
Judi Gaither
Tanox, Inc.
Nextel: 858 864 6576

From: Judi Gaither
Sent: Tuesday, April 24, 2007 10:35 AM
To: 'Gary.Hartnett@sdcountry.ca.gov'
Cc: Marissa Arayata; Bob Fischer
Subject: Tanox Re: Permit 961744

Hi Gary,

As per our discussion I am writing to request permission to forgo the source test due May 2006. Additionally, I am completing the Permit/Registration Application Form APCD 116 and the Supplemental Application information 131 to modify the Modify the Existing Permitted Equipment (Boiler) for future annual permit. Our maintenance department has confirmed the past years fuel usage was 17,815,000 cu. ft or approximately 184,000 therms. If the conditions of the permit are modified to require a tune up vs. a source test, we understand that we will be required to keep fuel records and provide those records as required.

The last annual tune up/PM was completed Nov 22, 2006.

Please let me know if you need any further information to allow us to forgo the source test.

Thanks for your help today,

Judi Gaither

Senior Facilities Coordinator
Tanox, Inc.
Desk: 858-373-3661
Nextel: 858-864-6576

5/25/2007

*Old owner
Biogen IDEC Inc.*

PERMIT / REGISTRATION APPLICATION

FILING THIS APPLICATION DOES NOT GRANT PERMISSION TO CONSTRUCT OR TO OPERATE EQUIPMENT

IMPORTANT REMINDERS: Read instructions on the reverse side of this form prior to completing this application. Please ensure that all of the following are included before you submit the application:

- Appropriate Permit Fee
- Completed Supplemental Form(s)
- Signature on Application

REASON FOR SUBMITTAL OF APPLICATION: (check the appropriate item and enter Application (AP) or Permit to Operate (PO) number if required)

- 1. New Installation
- 2. Existing Unpermitted Equipment or Rule 11 Change
- 3. Modification of Existing Permitted Equipment
- 4. Amendment to Existing Authority to Construct or AP
- 5. Change of Equipment Location
- 6. Change of Equipment Ownership
- 7. Change of Permit Conditions
- 8. Change Permit to Operate Status to Inactive
- 9. Banking Emissions
- 10. Registration of Portable Equipment
- 11. Other (Specify) _____
- 12. List affected AP/PO#(s): 961744 976831

APPLICANT INFORMATION

- 13. Name of Business (DBA) Tanox West, Inc.
- 14. Nature of Business pharmaceutical R+D
- 15. Does this organization own or operate any other APCD permitted equipment at this or any other adjacent locations in San Diego County? Yes No
If yes, list assigned location ID's listed on your PO's _____
- 16. Type of Ownership Corporation Partnership Individual Owner Government Agency Other _____
- 17. Name of Legal Owner (if different from DBA) _____

A. Equipment Owner

- 18. Name Tanox West, Inc.
- 19. Mailing Address 10555 Stella Link
- 20. City Houston
- 21. State TX Zip 77025
- 22. Phone (713) 578 4040 FAX (713) 578 5040

B. Authority to Construct (if different from A)

- Name _____
- Mailing Address _____
- City _____
- State _____ Zip _____
- Phone () _____ FAX () _____

C. Permit to Operate (if different from A)

- 23. Name _____
- 24. Mailing Address _____
- 25. City _____
- 26. State _____ Zip _____
- 27. Phone () _____ FAX () _____

D. Billing Information (if different from A)

- Name _____
- Mailing Address _____
- City _____
- State _____ Zip _____
- Phone () _____ FAX () _____

EQUIPMENT/PROCESS INFORMATION: Check Type of Equipment: Stationary Portable - Will operation exceed 180 days: Yes No

- 28. Equipment Location Address 11011 Torreyana Rd. City San Diego Parcel No. _____
- 29. State CA Zip 92121 Phone (713) 578 4040 FAX (713) 578 5040
- 30. Site Contact Sam McKinney Title Facilities Director Phone (713) 578 4040
- 31. General Description of Equipment/Process one boiler and one emergency generator

- 32. Application Submitted by Owner Operator Contractor Consultant Affiliation GECC, Inc.

EXPEDITED APPLICATION PROCESSING: I hereby request Expedited Application Processing and understand that:

- 33. a) Expedited processing will incur additional fees and permits will not be issued until the additional fees are paid in full (see Rule 40(d)(8)(iv) for details).
- b) Expedited processing is contingent on the availability of qualified staff.
- c) Once engineering review has begun this request cannot be cancelled.
- d) Expedited processing does not guarantee action by any specific date nor does it guarantee permit approval.

I hereby certify that all information provided on this application is true and correct.

- 34. SIGNATURE [Signature] Date 12/14/2004
- 35. Print Name Sam McKinney Title Director of Facilities
- 36. Company Tanox, Inc. Phone (713) 578-4040 E-mail Address Smckinney@Tanox.com

APCD USE ONLY

AP # <u>982390</u>	AD # <u>92162A</u>	Cust. No. <u>ID&C1001</u>	Sector: <u>10</u>	UTM's X _____	Y _____	SIC <u>8731</u>
Receipt # _____	Date <u>1-4-05</u>	Amt Rec'd \$ <u>90.00</u>	Fee Code <u>000C</u>	T&M Renewal Fee \$ _____		
Refund Claim # _____	Date _____	Amt \$ _____	Application Generated By NV# _____ NC# _____ Other _____ Date _____ Inspector _____			

RNP to 5/05



RECEIVED

2004 DEC 21 P 1:58

AIR POLLUTION
CONTROL DISTRICT

UNRECORDED COPY
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A



Tanox, Inc.

CORPORATE
10555 Stella Link
Houston, TX 77025-5631
(713) 578-4000 • (713) 578-5005 (Fax)

MAILING ADDRESS
10301 Stella Link
Houston, TX 77025-5445
(713) 578-4000 • (713) 578-5004 (Fax)

December 9, 2004

County of San Diego
Air Pollution Control District
9150 Chesapeake Drive
San Diego, California 92123-1096

Attn: Permit Processing

RE: Biogen Idec, 11011 Torreyana Rd., San Diego, CA
Permit Numbers 961744, 976831

Dear APCD Representative:

This letter serves to notify the San Diego County APCD that Tanox, Inc. will be accepting equipment and assets located at the above referenced facility from Biogen Idec as of January 10, 2005 in accordance with a lease agreement signed December 9, 2004. This equipment includes one boiler (permit number 961744) and one emergency generator (permit number 976831) currently permitted with the District. Enclosed you will find the application requesting that ownership be changed from Biogen Idec to Tanox, Inc. We understand an inspector will like to visit the facility to verify the site status. Please contact Mr. Joe Hess at 760.231.2491 to schedule such a visit. Thank you.

Sincerely,

Jeffrey Organ
Chief Operating Officer
Tanox, Inc.
10301 Stella Link
Houston, TX 77025

Cc. Jennifer L. Kraus, MPH, PhD
GECCo, Inc.

biogen idec

December 15, 2004

County of San Diego
Air Pollution Control District
9150 Chesapeake Drive
San Diego, California 92123-1096

Attn: Permit Processing

RE: Biogen Idec Inc., 11011 Torreyana Road, San Diego, CA 92121
Permit Numbers 961744, 976831

Dear APCD Representative:

This letter serves to notify the San Diego County APCD that Biogen Idec Inc. will release all of its equipment and assets located at the above referenced facility to Tanox, Inc. as of January 10, 2005 in accordance with a Lease Assignment and Asset Purchase Agreement signed on December 9, 2004. This equipment includes one boiler (permit number 961744) and one emergency generator (permit number 976831) currently permitted with the District. Enclosed you will find an application requesting that ownership be changed from Biogen Idec Inc. to Tanox, Inc. We understand an inspector would like to visit the facility to verify the site status. Please contact Mr. Joe Hess at (760) 231-2491 to schedule such a visit.

Sincerely,
Biogen Idec Inc.



Edward M. Rodriguez
Vice President, Finance

C. Jennifer L. Kraus, MPH, PhD
GECCo, Inc.

Handwritten mark resembling a checkmark or the number 7.

RECEIVED

2004 DEC 21 P 1:58

PHOTO COPY

AIR POLLUTION
CONTROL DISTRICT

12/21/04

PHOTO COPY

PHOTO COPY

PHOTO COPY

92162A
H14775



City of San Diego
Planning and Development Review
Information and Application Services
1222 First Ave., MS-301
San Diego, CA 92101
Appointments (619) 446-5300, Information (619) 446-5000

Hazardous Materials Questionnaire

BP 3/8/01

PART I: City of San Diego Planning and Development Review - Fire Hazardous Materials Plan Check - Occupancy Classification

Business Name <i>Idec Pharmaceuticals</i>	Contact Person <i>Mark Thompson</i>	Telephone <i>458-431-8922</i>
Mailing Address <i>3030 Callan Road</i>	City <i>SD</i> State <i>CA</i> Zip <i>92121</i>	Plan File # <i>A109469-01</i>
Project Address <i>11011 Torreyana Road</i>	City <i>SD</i> State <i>CA</i> Zip <i>92121</i>	Permit #

Will your business use, store or dispense any of the following hazardous materials? If any of the items is circled (except item 15), a San Diego Fire Department Hazardous Materials Information Sheet (form FPB-500) must be submitted with your project for review to: Planning & Development Review, Fire Hazardous Materials Plan Review, 1222 First Avenue, 4th floor, San Diego, CA 92101 (619) 446-5438.

- | | | |
|---|----------------------------------|-------------------------------------|
| 1. Explosives or Blasting agents | 6. Oxidizers | 11. Highly Toxic or Toxic Materials |
| 2. Compressed Gases | 7. Pyrophorics | 12. Radioactives |
| 3. Flammable or Combustible Liquids <i>Diesel</i> | 8. Unstable (Reactive) Materials | 13. Corrosives |
| 4. Flammable Solids | 9. Water-Reactives | 14. Other Health Hazards |
| 5. Organic Peroxides | 10. Cryogenics | 15. None of These Items |

PART II: San Diego County Department of Environmental Health - Hazardous Materials Division (HMD):
If the answer to any of the questions on this form is yes, applicant must contact the County of San Diego Hazardous Materials Division, 1225 Imperial Avenue, 3rd floor, San Diego, CA 92101, telephone (619) 338-2222, prior to the issuance of a building permit.

- Yes No *diesel tank - 2000 gal* 11-15-01
- Is your business type listed on the reverse side of this form?
 - Will your business dispose of Hazardous Substances or Medical Wastes in any amount?
 - Will your business store or handle Hazardous Substances in quantities equal to or greater than 55 gallons, 500 pounds, 200 cubic feet or carcinogens/reproductive toxins in any quantity?
 - Will your business use an existing or install an underground storage tank?
 - Will your business store, use or handle Regulated Substances (CalARP)?
 - Will your business use or install a Hazardous Waste Tank System (Title 22, Article 10)?

OFFICE USE ONLY

H# _____
BP DATE / /
SA/M _____
APCD _____

PART III: San Diego Air Pollution Control District
If the answer to any of the questions on this form is yes, applicant must contact the Air Pollution Control District, 9150 Chesapeake Drive, San Diego, CA 92123, telephone (858) 650-4550, prior to the issuance of a building permit.

- Yes No
- Will the intended occupant install or use any of the equipment listed on the Listing of Air Pollution Control District Permit Categories reverse side of this form?
 - (Answer only if the answer to question 1 is yes) Will the subject facility be located within 1,000 feet of the outer boundary of a school (K through 12) as listed in the current Directory of School and Community College Districts published by the San Diego County Office of Education and the current California Private School Directory compiled in accordance with provisions of Education Code Section 33190?
 - Does the building or structure for which this demolition permit is requested contain any friable asbestos?

OFFICE USE ONLY

Cal ARP Exempt

Date _____ Initials _____
 Cal ARP Required

Date _____ Initials _____
 Cal ARP Completed

10-25-01 *EFREN* 224
Date _____ Initials _____ 224

Briefly describe business activity and proposed project:

Stand by Generator

Name of Owner or Authorized Agent <i>Mark Thompson</i>	Signature of Owner or Authorized Agent <i>Mark Thompson</i>	Date <i>7/26/01</i>
---	--	------------------------

I declare under penalty of perjury that to the best of my knowledge and belief the responses made herein are true and correct.

FOR OFFICIAL USE ONLY: FIRE DEPARTMENT OCCUPANCY CLASSIFICATION: _____
By: _____ Date: _____

EXEMPT OR NO FURTHER INFORMATION REQUIRED COUNTY HMD	APCD	RELEASED FOR BUILDING PERMIT BUT NOT FOR OCCUPANCY COUNTY HMD	APCD	RELEASED FOR OCCUPANCY COUNTY HMD	APCD
<i>updated BP req. 2 wks before final</i>	<i>REVIEWED</i>	COUNTY OF SAN DIEGO <i>REVIEWED</i> <i>J Swanson</i> INITIALS <i>8/9/01</i> DATE HMD	AIR POLLUTION CONTROL DISTRICT <i>REVIEWED</i> <i>8-7-01</i> INITIALS DATE	AIR POLLUTION CONTROL DISTRICT <i>REVIEWED</i> <i>9-25-01</i> INITIALS DATE	AIR POLLUTION CONTROL DISTRICT <i>REVIEWED</i> <i>10/10/01</i> INITIALS DATE

This information is available in alternative formats for persons with disabilities.
To request this information in alternative format, call (619) 446-5446 or (800) 735-2929 (TT)
Be sure to see us on the World Wide Web at www.ci.san-diego.ca.us/development-services

Dear Gloria:

This letter is to notify you that as of November 12, 2003, IDEC Pharmaceuticals Corporation changed its name to Biogen Idec Inc. Please note this for your records.

We believe that the name change should not affect the terms, conditions or obligations of our existing permits. Please advise if there is anything we need to do to reflect the name change on our existing permits.

Should there be a change in your contact here at Biogen Idec we will let you know. Thank you and please do not hesitate to contact me at 619-778-2500 should you have any questions or if you require any further information.

Joseph R. Hess
Manager, EHS

✓ 92162A

name change only Per J. Hess 11-19-03

PERMIT / REGISTRATION APPLICATION

FILING THIS APPLICATION DOES NOT GRANT PERMISSION TO CONSTRUCT OR TO OPERATE EQUIPMENT

IMPORTANT REMINDERS: Read instructions on the reverse side of this form prior to completing this application. Please ensure that all of the following are included before you submit the application:

- Appropriate Permit Fee
- Completed Supplemental Form(s)
- Signature on Application

REASON FOR SUBMITTAL OF APPLICATION: (check the appropriate item and enter Application (AP) or Permit to Operate (PO) number if required)

- 1. New Installation
- 2. Existing Unpermitted Equipment or Rule 11 Change
- 3. Modification of Existing Permitted Equipment
- 4. Amendment to Existing Authority to Construct or AP
- 5. Change of Equipment Location
- 6. Change of Equipment Ownership
- 7. Change of Permit Conditions
- 8. Change Permit to Operate Status to Inactive
- 9. Banking Emissions
- 10. Registration of Portable Equipment
- 11. Other (Specify) _____
- 12. List affected AP/PO#(s): 961744

APPLICANT INFORMATION

- 13. Name of Business (DBA) Idec Pharmaceuticals Corporation
- 14. Nature of Business Biotech research, development and manufacturing
- 15. Does this organization own or operate any other APCD permitted equipment at this or any other adjacent locations in San Diego County? Yes No
If yes, list assigned location ID's listed on your PO's 11011 Torreyana Road P.O. # 920494
- 16. Type of Ownership Corporation Partnership Individual Owner Government Agency Other _____
- 17. Name of Legal Owner (if different from DBA) _____

A. Equipment Owner

- 18. Name _____
- 19. Mailing Address _____
- 20. City _____
- 21. State _____ Zip _____
- 22. Phone () _____ FAX () _____

B. Authority to Construct (if different from A)

- Idec Pharmaceuticals Inc.
- 11011 Torreyana Road
- S.D. CA
- Zip 92121
- Phone 858-431-8822 FAX 858-431-8890

C. Permit to Operate (if different from A)

- 23. Name _____
- 24. Mailing Address _____
- 25. City _____
- 26. State _____ Zip _____
- 27. Phone () _____ FAX () _____

D. Billing Information (if different from A)

- Idec Pharmaceuticals Inc.
- 11011 Torreyana Road
- S.D. CA 9
- Zip 92121
- Phone 858-431-8822 FAX 858-431-8890

EQUIPMENT/PROCESS INFORMATION: Check Type of Equipment: Stationary Portable - Will operation exceed 180 days: Yes No

- 28. Equipment Location Address 11011 Torreyana Road City S.D.
- 29. State CA Zip 92121 Phone () 858-431-8822 FAX () 858-431-8890
- 30. Site Contact Mark Thompson Title Sr. Manager EHS Phone () 858-431-8822
- 31. General Description of Equipment/Process Steam Boiler

- 32. Application Submitted by Owner Operator Contractor Consultant Affiliation _____

I hereby certify that all information provided on this application is true and correct.

- 33. SIGNATURE Mark Thompson Date 5/9/00
- 34. Print Name Mark Thompson Title _____
- 35. Company Idec Pharmaceuticals Corporation Phone () 858-431-8822

APCD USE ONLY

AP # 975099 ID # 92162A Cust. No. IDEC1801 Sector: 10 UTM's X _____ Y _____ SIC 8731

Receipt # 97027396 Date 5/17/00 Amt Rec'd \$ 3321 Fee Code _____

Engineering Contact ARTHUR CARBONELL Fee Code MAL(13A) AP Fee \$ 3321 T&M Renewal Fee \$ _____

Refund Claim # _____ Date _____ Amt \$ _____

Application Generated By NV# _____ NC# _____ Other _____ Date _____ Inspector _____

92F-1843 MBF-37
13A-1441
Ren Pd thru 5/01



PARKER BOILER CO.

MANUFACTURER OF QUALITY INDUSTRIAL BOILERS SINCE 1919

WEB SITE: www.parkerboiler.com • E-MAIL sales@parkerboiler.com

5930 Bandini Blvd.,
Los Angeles, CA 90040
Ph. (323) 727-9800
Fax (323) 722-2848

Revised May 10, 2000

Mr. Wes Karch
IDEC PHARMACEUTICALS CORP.
11011 Torreyana Road
San Diego, CA 92121

SUBJECT REFERENCE: LOW NO_x CONVERSION - 150 H.P. PARKER BOILER - S.N. 42645

Dear Wes:

Thank you for your inquiry and interest in our Metal Fiber Burner System, as it relates to LOW NO_x conversion of your boiler referenced above.

We recommend the use of this burner system to:

1. Meet the LOW NO_x Requirements, as set forth by San Diego Air Pollution Control District.
2. Reduce energy consumption.
3. Provide a durable, improved burner system to the presently installed cast iron burners.

Gas Company Funding maybe available to you under the terms of their Incentive Programs for retrofitting combustion equipment with higher efficiencies. We believe this new burner system will generate at least a 5% fuel savings.

Per our discussion, we are pleased to quote on the LOW NO_x Burner Systems for your 150 H.P. Parker Boiler. Conversion of the present Boiler to LOW NO_x, generating less than 30 PPM NO_x at O₂ corrected at 3% and with CO levels below 400 PPM in compliance with SDAPCD Rule 69.2, will consist of the following elements.

DESCRIPTION

Parker Boiler Co. will provide and install a Premix Burner Bed of Metal Fiber Burners. These burners will be connected through pipe to a Premix Distribution Manifold mounted exterior to the boiler. The Premix Blower Mixer will mount on the manifold and provide a gas/air mixture to the Premix Burner System.

The present Flame Safeguard System will be modified as required for smooth and regular light offs. The gas train will be relocated as is convenient for the retrofit. An Auto Potentiometer Switch will be added to the boiler control panel.

Parker Boiler Co. will provide a motor starter for the 3 H.P., 3 Phase Premix Burner Blower provided and will provide the wiring from the motor starter mounted on the boiler to the blower motor and necessary interlocking wiring. Parker Boiler Co. will modify the present wiring to incorporate the premix system. All miscellaneous pipe, field material for support stands, etc., will be provided and installed by Parker Boiler Co. Down time on the boiler will be approximately four (4) working days.

IDEC PHARMACEUTICAL CORP.

Attention: Mr. Wes Karch

Revised May 10, 2000

Page 2

Included in the retrofit will be complete installation of all above materials, startup of system, adjustment to LOW NOx, assistance with Forms as required by the San Diego Air Pollution Control District and assistance with Source Test as will be required on this boiler.

IDEC would need to apply for a Permit from SDAPCD.

Parker Boiler Co.'s price for providing Material and Labor for the proposed conversion: **\$32,920.00.**

TERMS: \$8,230.00 deposit required with order: Balance due 30 days from date of invoice
(Subject to approval by our Credit Department).

SALES TAX: Included in above pricing.

DELIVERY: Approximately 45 to 60 days, subject to burner availability.

PRICES: Guaranteed firm for order if placed prior to December 31,2000.

EXCLUSIONS: Please note that the preceding quotation does not include the following items:

1. Electrical Service.
2. 3 H.P. fused disconnect mounted adjacent to the boiler.
3. AQMD Permitting Fees required for retrofit or cost associated with Source Testing.
4. Any NOx adjustments on boiler after initial firing and certification.
5. Work during other than regular working hours (8:00 AM to 4:30 PM, Monday through Friday).

Please note that our pricing is installed and does include initial startup of the equipment, instruction of Operating Personnel and assistance with Source Test.

Thank you for contacting us regarding this conversion.

Yours truly,

PARKER BOILER CO.

Robert J. Johnson
Sales Representative

BJJ/omc

IDEPHAR.DOC

Enclosures: LOW NOx Brochure
Parker Retrofit Update
Letter dated 2/2/96

cc: Greg Danenhauer



PREMIX METAL FIBER LOW NO_x BURNER SYSTEM

DESCRIPTION

The premix fan assisted combustion system consists of a burner bed of multiple Metal Fiber Burners. These burners are linked to a single fan through a manifold and gas air premix piping. The Premix Burners provide uniform heat distribution over all boiler tubes. The system provides a high degree of NO_x level repeatability once system is adjusted. No filters are required.

The burners are capable of generating Low NO_x without generating significant CO emissions. NO_x emissions are guaranteed less than 20 PPM at 3% O₂ with CO emissions guaranteed less than 100 PPM at 3% O₂.

The burners consist of a sintered Metal Fiber Hot Face made from an Iron Chromium Alloy with a bonding Yttrium Element. The Metal Fiber is backed by a layer of 430 Stainless Steel and an additional perforated plate. The Metal Fiber Burners provide a high degree of resistance to mechanical and thermal shock, fast cool down and corrosion resistance. Maximum pressure drop through burner at normal firing rates is 1.2" W.C.

The system utilizes a blower mixer, which distributes a ratio controlled gas/air mixture to individual Metal Fiber Low NO_x Burners. Blower construction is non-sparking with totally enclosed motor. The burner bed is placed under the standard Parker tube bundle and contained in a non-pressurized combustion chamber. The gas/air ratio is controlled by the blower/mixer, which accepts a modulating motor. Adjustment of the fuel air ratio is accomplished by a characterizable fuel valve as part of the blower mixer.

EFFICIENCY

South Coast Air Quality Management District Testing has confirmed 83-85% thermal efficiency on Parker High Pressure Steam Boilers. Higher efficiencies are realized because of excellent gas/air ratio control, clean complete combustion and the radiant effect. Most boiler efficiencies can be improved at least 5% with the Premix Metal Fiber Burner System.

GUARANTEE

This Burner System when installed or adjusted by Parker Boiler or an Approved Service Organization, is guaranteed to produce less than 20 PPM NO_x emissions and less than 100 PPM CO emissions at 3% corrected O₂. These Low NO_x levels are achieved by the Metal Fiber Burner and a Premix gas/air distribution manifold assembly.

Parker or Approved Service Organization will adjust and certify these Low NO_x and CO levels.

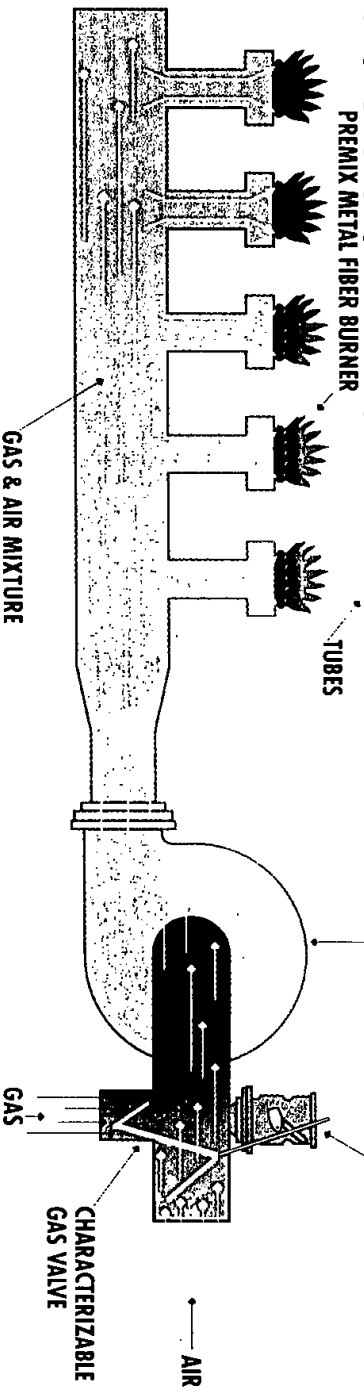
REPEATABILITY

It has been our experience with field installations that the Low NO_x and CO levels can be repeated, with ease.

MAINTENANCE

We would recommend that the burner system be checked and tuned up by competent personnel on a yearly basis. The burners can be blown off with air if the surface becomes dirty. After approximately 5 years, if required, the burners can be removed, washed and reinstalled.

PREMIUM METAL FIBER BURNER

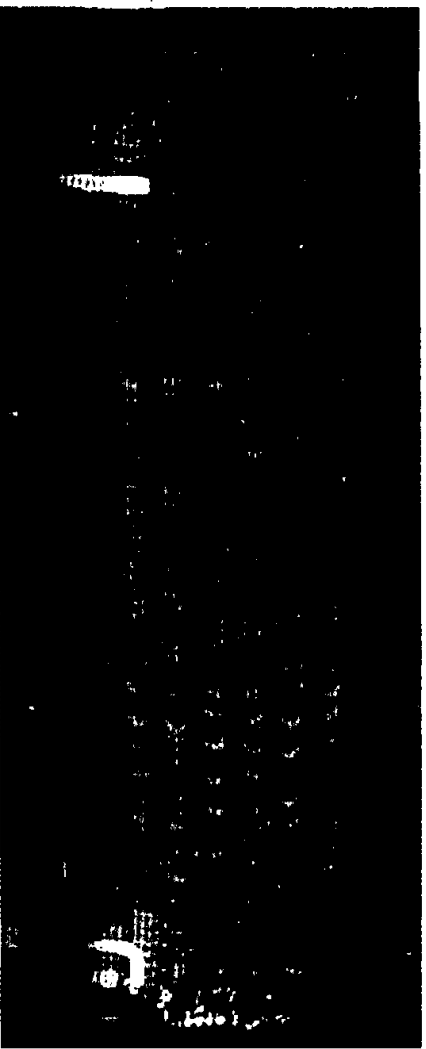


Parker Low NOx Metal Fiber Burner

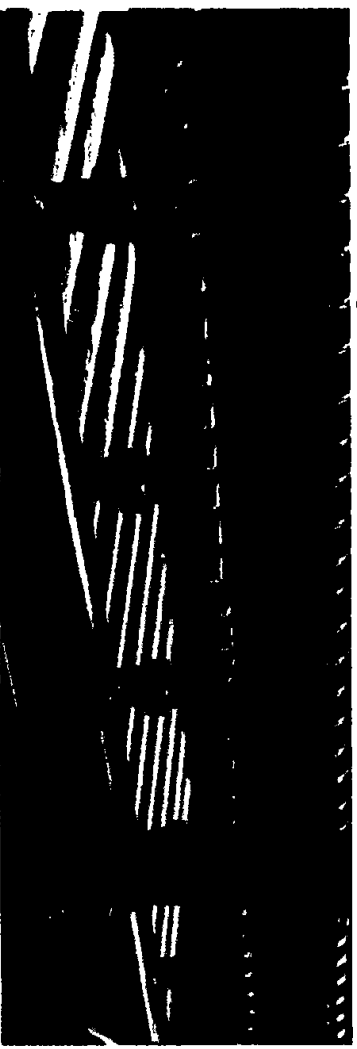
ADVANTAGES
The Parker System consists of a burner bed of Heavy Duty Metal Fiber Burners (MFB). Through a gas/air premix manifold, the burners are linked to a fully modulating blower mixer which offers precise control of combustion through the full range of modulation.

Even Heat Distribution
Unlike Conventional Power Burner Technology, the burner bed provides a uniform heat distribution on all boiler tubes for improved heat transfer and boiler efficiency. Uniform heat over the entire heating surface of high, low and modulating firing rates provides longer tube life by eliminating concentrated firing on limited tube surface.

Low Maintenance, Simple Adjustment
The simplicity of the System with no FGR fan or valve, allows normal boiler operators to adjust and service the System. Allen screws provide simple precise adjustments through a characterizable fuel valve. Filters are not normally required.



Parker Low NOx MFB Firing in a Parker 150 HP Steam Boiler



Pictured above is a view through one of the large inspection doors of our 150L model. You can see the Low NOx Metal fiber burners firing under our sectional tubes providing even heat distribution to the entire heating surface.

not only the ultimate in quality and safety but also a complete ready to install packaged unit, including trim with boiler controls, electrically wired, ready to connect to the utilities. Every boiler is thoroughly factory fired tested.

Safety

Our ASME tube bundle is extremely flexible and offers a long life with a 20 year warranty against thermal shock. No Parker Boiler has ever been known to experience an internal explosion.

Low-Cost Operation

The staggered tubing design provides a multi-baffled heating surface to increase efficiency.

Fast Heat-Up

The boiler requires less than ten minutes to heat up to 100 PSI from a cold start which saves a considerable amount of time and fuel.

Large Heating Surface

A large amount of heating surface provides increased efficiency & minimizes chances of scaling. Compare ours to the competition.

Durability

The heart of our Low NOx system is our metal fiber burner. It, as well as the entire boiler assembly, is constructed to withstand the harsh environment sometimes associated with boilers.

Internal Accessibility

Full length cabinet doors can be easily removed in a matter of minutes, making the internal boiler, drum, tubes, and burners readily accessible. Easy-to-remove gasketed inspection plugs are provided at both ends of every tube. Boiler inspections can be accomplished quickly and at low costs.

Ease of Inspection and Repair

Any boiler may eventually require rebuilding depending on care and operating conditions. The Parker is designed

be easily replaced doors within time. Rebuild require or weld on most designer rolled tube Low Extreme NOx & C are attain our Penn System. below 21 3% O₂ are easily assured in numerous. 9 PPM u available models tions.

Heavy Duty

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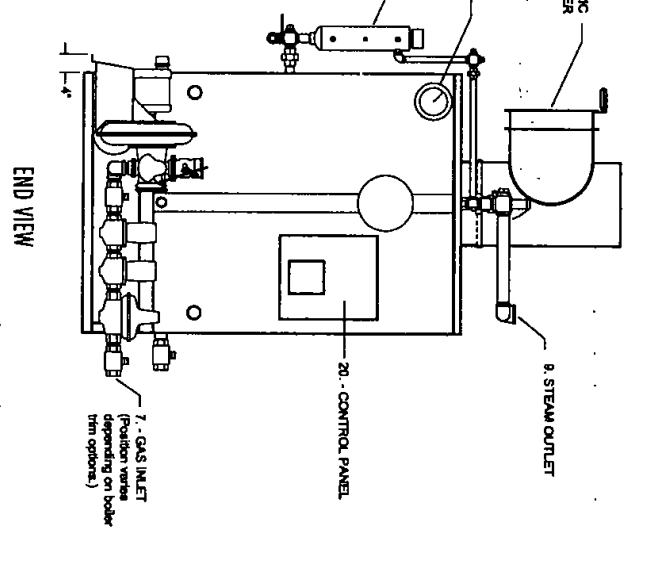
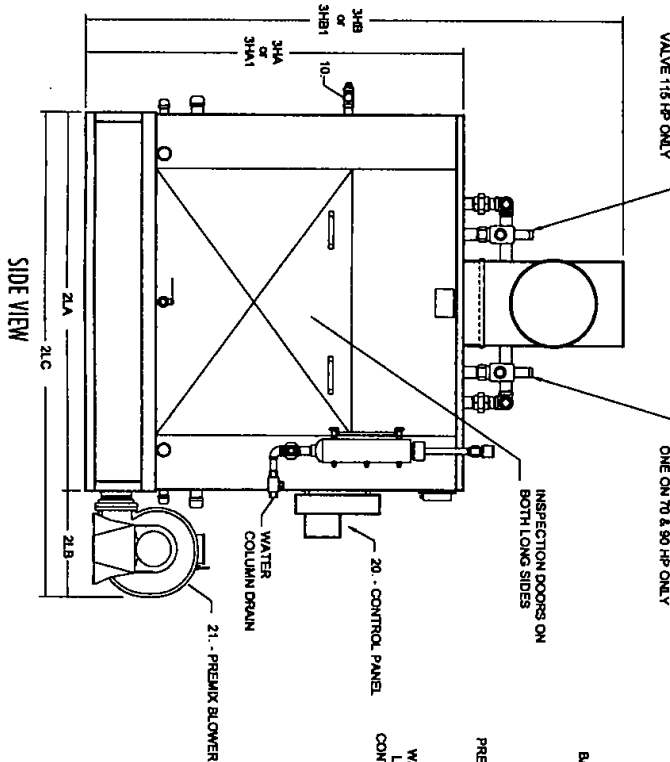
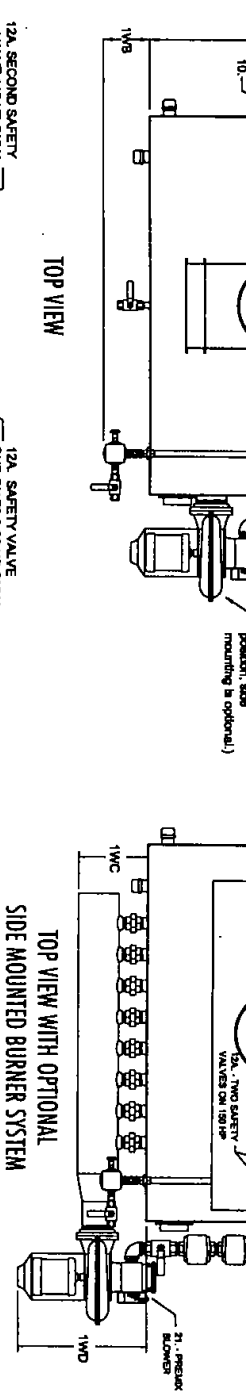
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PARKER
BOILER CO.

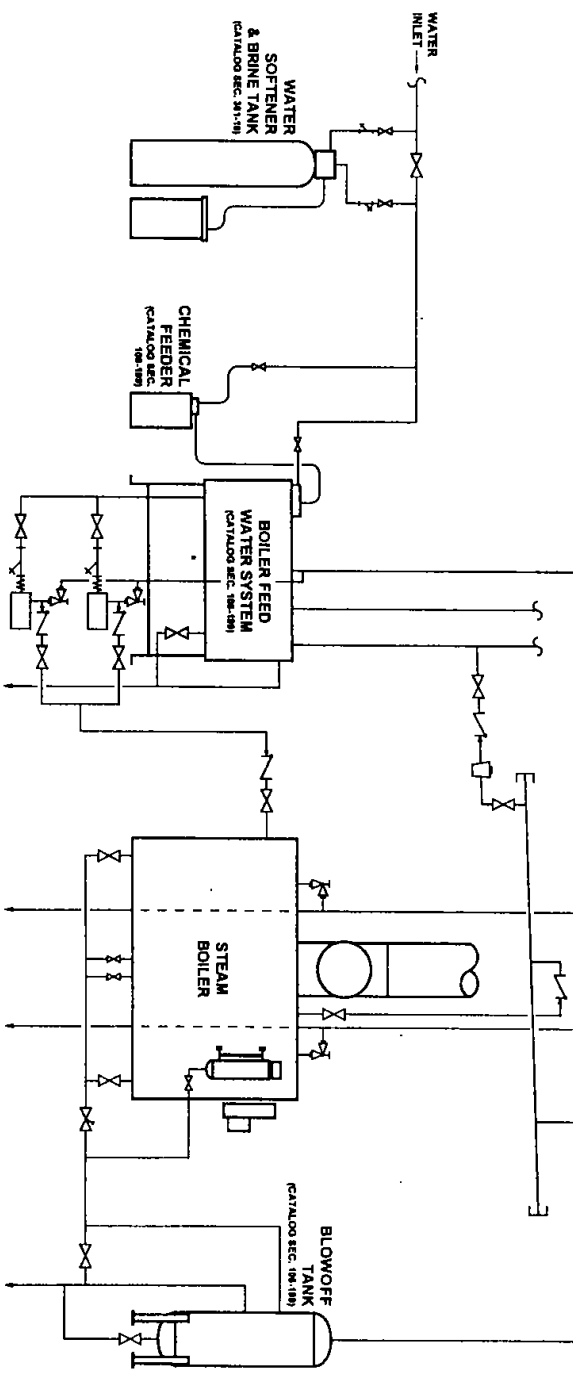
5930 Bandini Boulevard
Los Angeles CA 90040
Fax (323) 722-2848
www.parkerboiler.com
Phone (323) 727-9800

PARKER
BOILER CO.

NEVER A COMPROMISE FOR QUALITY OR SAFETY



STEAM SYSTEM PIPING SCHEMATIC



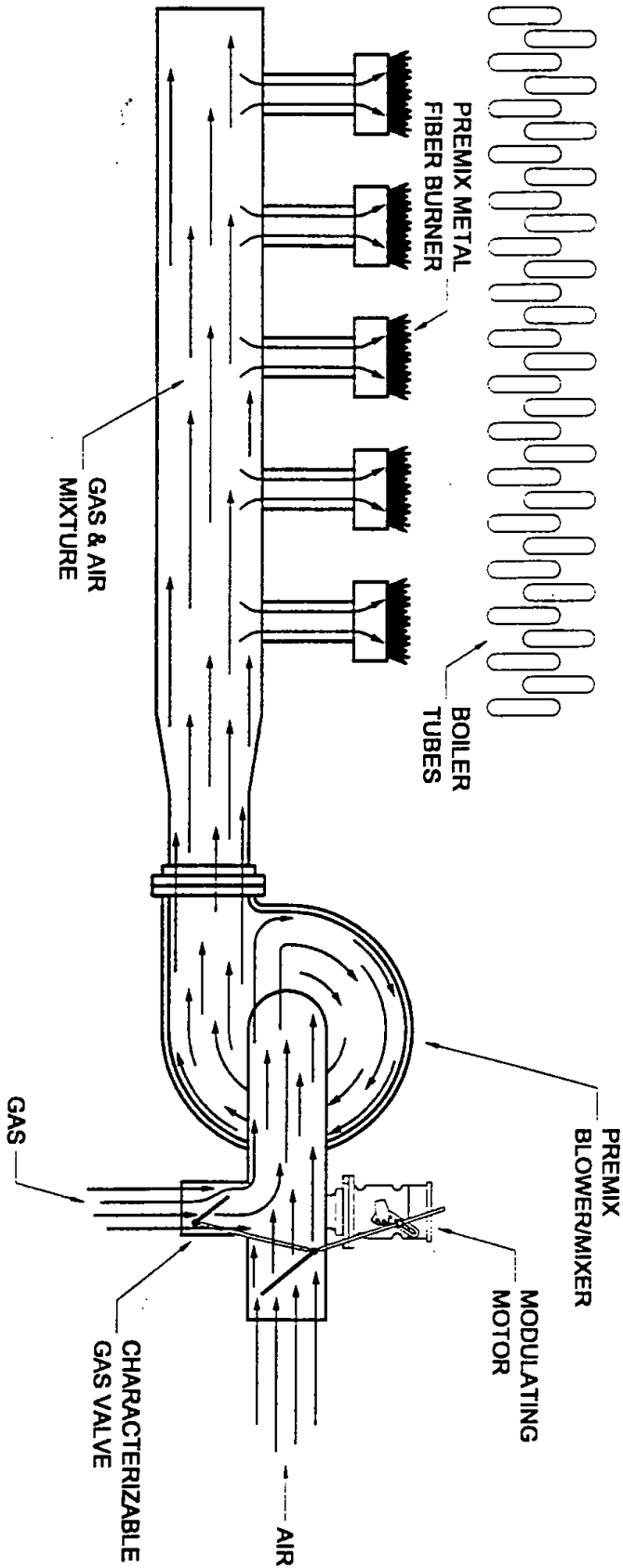
1WA	WIDTH OF CABINET
1WB	WIDTH OF WATER COLUMN
1WC	WIDTH OF PREMIX MANIFOLD
1WD	WIDTH OF PREMIX BLOWER (18" HP)
2LA	LENGTH OF CABINET
2LB	LENGTH OF BLOWER BEYOND
2LC	OVERALL LENGTH
3HA	HEIGHT OF CABINET (BOTTO
3HB	HEIGHT OVERALL (BOTTOM N
3HA1	HEIGHT OF CABINET (SIDE M
3HB1	HEIGHT OVERALL (SIDE MOU
4	VENT STACK DIAMETER (BAR
7A	STD NAT GAS INLET SIZE
7A	GAS SUPPLY PRESS. REQUIRE
7B	GAS INLET SIZE HI PRESS NAT
9HP	STEAM OUTLET SIZE HI PRESS
9LP	STEAM OUTLET SIZE LOW PR
10	WATER INLET SIZE
11A	BLOWOFF VALVE SIZE ***
11B	HEADER BLOW-OFF VALVE SI
12A HP	SAFETY VALVE DRAIN SIZE . H
12A LF	SAFETY VALVE DRAIN SIZE . H
18	WATER COLUMN DRAIN SIZE
F	NET WEIGHT BOILER (APPROX
G	DOMESTIC GRATED SHIPPING
H	WATER CONTENT
20A	POWER SPECIFICATIONS (3 S
20B	STARTERS PROVIDED ON PAN
20C	BOILER FEED PUMPS (2 STAN
21	ON BOILER PRESSURE (See Pe
	CONTROLS 115V - 1PH - 60 I
	PREMIX BLOWER HORSEPOW

MINIMUM LISTED CLEARANCES TO COMBUSTIBLE CONSTRUCTION

Additional space may be required by local

Note: All of the above dimensions are for

- * All ratings based on feed water at 2
- ** Barometric Damper "Tee on Run" op
- *** Pre-Piped to slow open blowoff valve



PARKER PREMIX BURNER SYSTEM
WITH METAL FIBER BURNER

LOW NOX EMISSIONS

- ◆ 20 - 30 PPM NOX, < 400 PPM CO, AT 3% O₂

IMPROVED EFFICIENCY

FOR NEW OR RETROFIT APPLICATIONS

- ◆ REPLACES ATMOSPHERIC TYPE BURNER

SAFE, DURABLE, ALL METAL CONSTRUCTION

- ◆ EVEN HEAT DISTRIBUTION
- ◆ ETL LISTING

LOW MAINTENANCE/SIMPLE ADJUSTMENTS



PARKER BOILER CO.

MANUFACTURER OF QUALITY INDUSTRIAL BOILERS SINCE 1919
WEB SITE: www.parkerboiler.com • E-MAIL: sales@parkerboiler.com

5930 Bandini Blvd.
Los Angeles, CA 90040
Ph. (323) 727-9800
Fax (323) 722-2848

FACSIMILE TRANSMISSION COVER SHEET

DATE: 10/19/00 TIME: _____ (AM/PM)

TO: ARTHUR CARBONELL

FIRM NAME: SAN DIEGO AP CO

FAX NUMBER: 858 650 4658

BUSINESS PHONE: 858 650 4608 EXT. _____

FROM: BOB JOHNSON
CO: PARKER BOILER CO.
FAX NUMBER: 323-722-2848
BUSINESS PHONE: 323-727-9800
E-MAIL: sales@parkerboiler.com

THIS FAX CONSISTS OF 4 (PAGE(S) INCLUDING THIS COVER SHEET. IF THERE ARE ANY PROBLEMS OR QUESTIONS REGARDING THIS TRANSMISSION, PLEASE CONTACT US.

SUBJECT REFERENCE: 1000 PHARMACEUTICALS - LOW NOX RETROFIT

REMARKS: DESCRIPTIVE LITERATURE AS DISCUSSED

PLEASE CALL IF ANY QUESTIONS

VISIT OUR WEB SITE AT : <http://www.parkerboiler.com>

FAXED BY _____ - 1/1 -- DATE _____ - TIME(AM/PM)

NEVER A COMPROMISE FOR QUALITY OR SAFETY

POP1427.PANJ 11/14/00 10:53:00



PARKER BOILER CO.

MANUFACTURER OF QUALITY INDUSTRIAL BOILERS SINCE 1919

WEB SITE: www.parkerboiler.com • E-MAIL sales@parkerboiler.com

5930 Bandini Blvd.,
Los Angeles, CA 90040
Ph. (323) 727-9800
Fax (323) 722-2848

8B

PREMIX METAL FIBER LOW NOx BURNER SYSTEM

DESCRIPTION

The premix fan assisted combustion system consists of a burner bed of multiple Metal Fiber Burners. These burners are linked to a single fan through a manifold and gas air premix piping. The Premix Burners provide uniform heat distribution over all boiler tubes. The system provides a high degree of NOx level repeatability once system is adjusted. No filters are required.

The burners are capable of generating Low NOx without generating significant CO emissions. NOx emissions are guaranteed less than 20 PPM at 3% O₂ with CO emissions guaranteed less than 100 PPM at 3% O₂.

The burners consist of a sintered Metal Fiber Hot Face made from an Iron Chromium Alloy with a bonding Yttrium Element. The Metal Fiber is backed by a layer of 430 Stainless Steel and an additional perforated plate. The Metal Fiber Burners provide a high degree of resistance to mechanical and thermal shock, fast cool down and corrosion resistance. Maximum pressure drop through burner at normal firing rates is 1.2" W.C.

The system utilizes a blower mixer, which distributes a ratio controlled gas/air mixture to individual Metal Fiber Low NOx Burners. Blower construction is non-sparking with totally enclosed motor. The burner bed is placed under the standard Parker tube bundle and contained in a non-pressurized combustion chamber. The gas/air ratio is controlled by the blower/mixer, which accepts a modulating motor. Adjustment of the fuel air ratio is accomplished by a characterizable fuel valve as part of the blower mixer.

EFFICIENCY

South Coast Air Quality Management District Testing has confirmed 83-85% thermal efficiency on Parker High Pressure Steam Boilers. Higher efficiencies are realized because of excellent gas/air ratio control, clean complete combustion and the radiant effect. Most boiler efficiencies can be improved at least 5% with the Premix Metal Fiber Burner System.

GUARANTEE

This Burner System when installed or adjusted by Parker Boiler or an Approved Service Organization, is guaranteed to produce less than 20 PPM NOx emissions and less than 100 PPM CO emissions at 3% corrected O₂. These Low NOx levels are achieved by the Metal Fiber Burner and a Premix gas/air distribution manifold assembly.

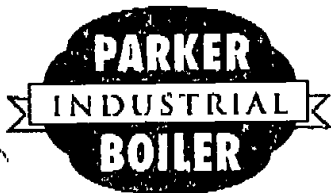
Parker or Approved Service Organization will adjust and certify these Low NOx and CO levels.

REPEATABILITY

It has been our experience with field installations that the Low NOx and CO levels can be repeated, with ease.

MAINTENANCE

We would recommend that the burner system be checked and tuned up by competent personnel on a yearly basis. The burners can be blown off with air if the surface becomes dirty. After approximately 5 years, if required, the burners can be removed, washed and reinstalled.



LOW NO_x PREMIX TECHNOLOGY

Industrial Packaged Bent Water Tube Steam Boilers

with Heavy Duty Metal Fiber Burners

Gas Fired 70-150 HP - Models 70L-150L

ADVANTAGES

The purchase of a Parker Boiler assures not only the ultimate in quality and safety but also a complete ready to install packaged unit, including trim with boiler controls, electrically wired, ready to connect to the utilities. Every boiler is thoroughly factory fired tested.

Safety

Our ASME tube bundle is extremely flexible and offers a long life with a 20 year warranty against thermal shock. No Parker Boiler has ever been known to experience an internal explosion.

Low-Cost Operation

The staggered tubing design provides a multi-baffled heating surface to increase efficiency.

Fast Heat-Up

The boiler requires less than ten minutes to heat up to 100 PSI from a cold start which saves a considerable amount of time and fuel.

Large Heating Surface

A large amount of heating surface provides increased efficiency & minimizes chances of scaling. Compare ours to the competition.

Durability

The heart of our Low NO_x system is our metal fiber burner. It, as well as the entire boiler assembly, is constructed to withstand the harsh environment sometimes associated with boilers.

Internal Accessibility and Inspection

Full length cabinet doors can be easily removed in a matter of minutes, making the internal boiler, drum, tubes, and burners readily accessible. Easy-to-remove gasketed inspection plugs are provided at both ends of every tube. Boiler inspections can be accomplished quickly and at low costs.

Ease of Inspection and Repair

Any boiler may eventually require retubing depending on care and operating conditions. The Parker is designed

with sectional tubes attached by unions so that sections can be easily and inexpensively replaced through the cabinet doors with minimum downtime. Retubing does not require special tools, skills or welding as is necessary on most boilers designed with rolled tubes.

Low Emission

Extremely LOW NO_x & CO levels are attained by our Premix Burner System. NO_x levels below 20 PPM at 3% O₂ and CO levels below 100 PPM are easily obtained, assured & repeated in numerous applications. Optional 9 PPM units are available on certain models and applications.

Heavy Duty Tubes

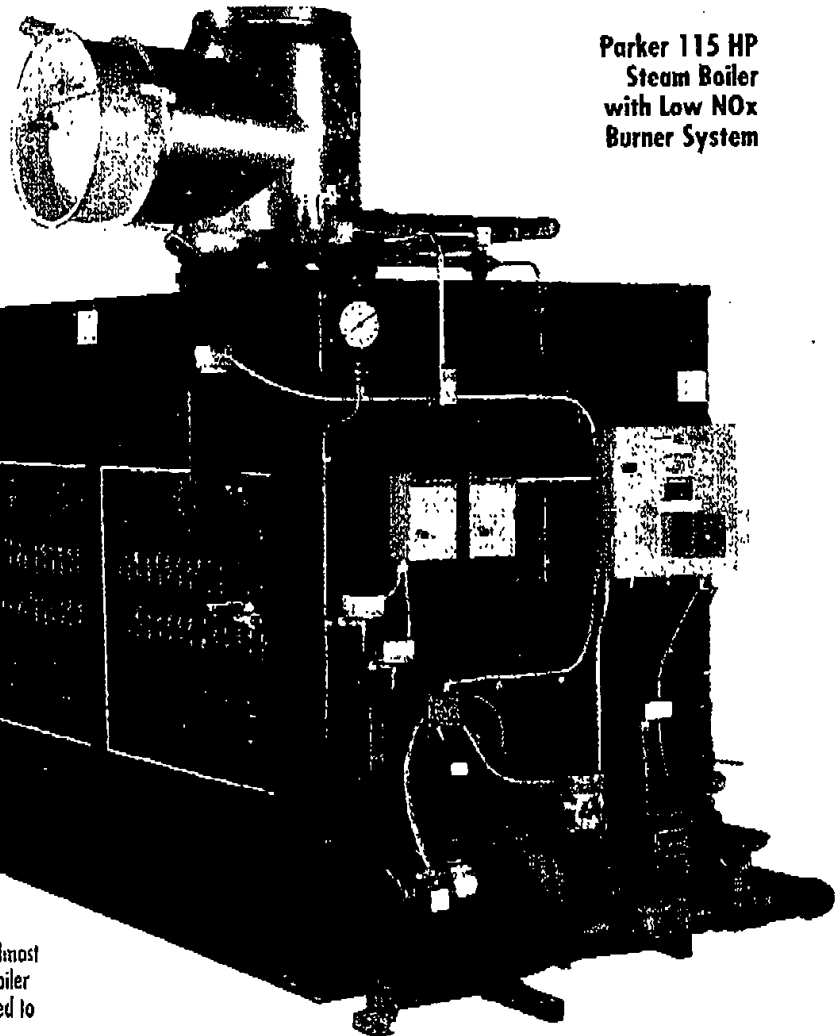
Parker tubes are 1.5/16" O.D. Grade SA-53 steel heavy .133" thickness which is almost double that of standard gauge boiler tubing. Each tube is double-welded to assure a rugged connection.

Dry Steam

Our large horizontal steam drum provides ample steam release area to assure dry steam delivery. No steam separators are required.

Codes

All Boilers are built in accordance with the ASME Power & Heating Boiler Codes, Sections I & IV. Boilers above 15 PSI are furnished with the "S" Stamp and Trim. Boilers for 15 PSI are normally furnished with the "H" Stamp and Trim. All Boilers are



Parker 115 HP
Steam Boiler
with Low NO_x
Burner System

inspected and registered with the National Board of Boiler and Pressure Vessel Inspectors.

All individual gas and electrical controls are AGA Certified or UL Listed.

All Low NO_x natural gas fired models are ETL Listed as "Industrial and Commercial Gas Fired Packaged Boilers" and certified to UL795. All units are provided with trim and controls to meet ASME CSD-1 standards for "Controls & Safety Devices for

Automatically Fired Boilers". In addition, all units also meet the standards of the International Conference of Building Officials, the International Association of Mechanical & Plumbing Officials and the Uniform Mechanical Code.



PARKER BOILER CO.

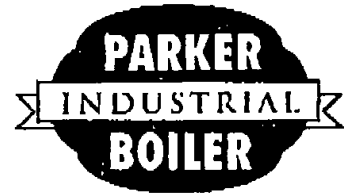
NEVER A COMPROMISE FOR QUALITY OR SAFETY

5930 Bandini Boulevard
Los Angeles CA 90040
Fax (323) 722-2848
www.parkerboiler.com

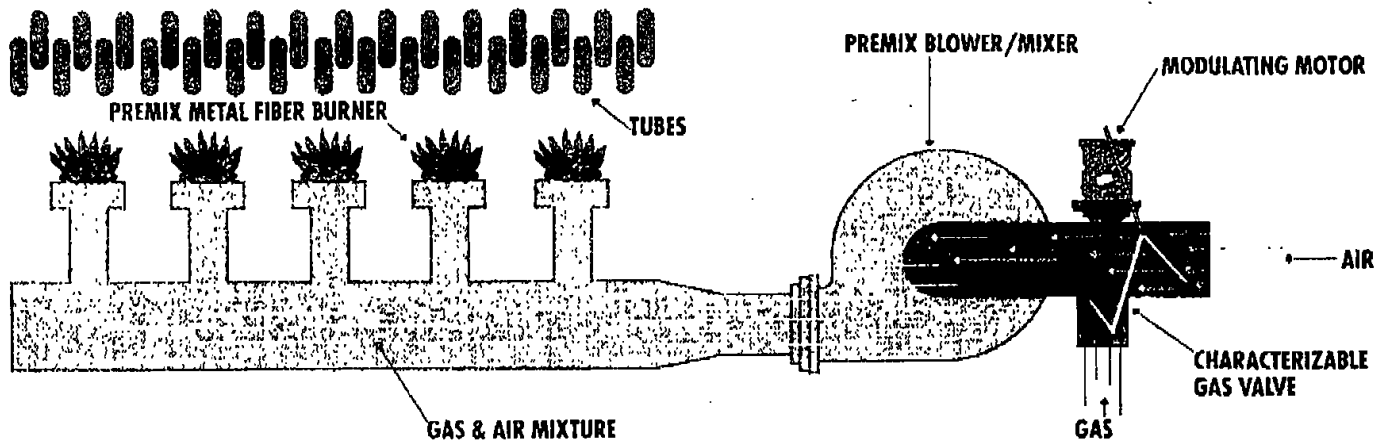
Phone (323) 727-9800

BOILER 105 040

LOW NO_x PREMIX TECHNOLOGY
Industrial Packaged Bent Water Tube Steam Boilers
 with Heavy Duty Metal Fiber Burners
 Gas Fired 70-150 HP - Models 70L-150L



PARKER'S PREMIX COMBUSTION SYSTEM



ADVANTAGES

The Parker System consists of a burner bed of Heavy Duty Metal Fiber Burners (MFB). Through a gas/air premix manifold, the burners are linked to a fully modulating blower mixer which offers precise control of combustion through the full range of modulation.

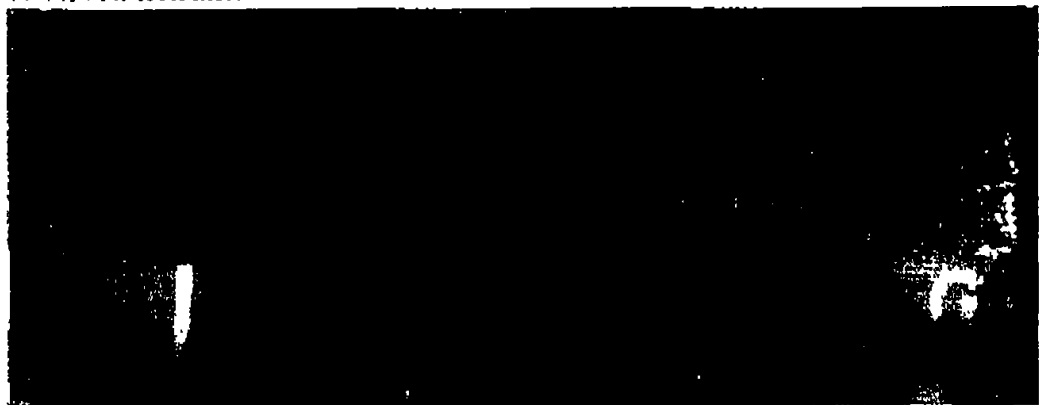
Even Heat Distribution

Unlike Conventional Power Burner Technology, the burner bed provides a uniform heat distribution on all boiler tubes for improved heat transfer and boiler efficiency. Uniform heat over the entire heating surface at high, low and modulating firing rates provides longer tube life by eliminating concentrated firing on limited tube surface.

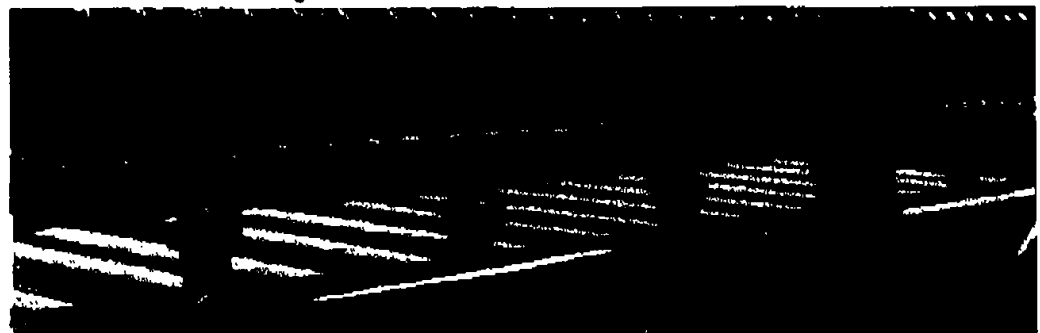
Low Maintenance, Simple Adjustment

The simplicity of the System with no FGR fan or valve, allows normal boiler operators to adjust and service the System. Allen screws provide simple precise adjustments through a characterizable fuel valve. Filters are not normally required.

Parker Low NO_x Metal Fiber Burner



Parker Low NO_x MFB Firing in a Parker 150 HP Steam Boiler



Pictured above is a view through one of the large inspection doors of our 150L model. You can see the Low NO_x Metal fiber burners firing under our sectional tubes providing even heat distribution to the entire heating surface.

PARKER
BOILER CO.

NEVER A COMPROMISE FOR QUALITY OR SAFETY

5930 Bandini Boulevard
 Los Angeles CA 90040
 Fax (323) 722-2848
 www.parkerboiler.com
 Phone (323) 727-9800



Air Pollution Control Board

Greg Cox District 1
Dianne Jacob District 2
Pam Slater District 3
Ron Roberts District 4
Bill Horn District 5

Air Pollution Control District

R. J. Sommerville Director

December 5, 2000

MARK THOMPSON
IDEC PHARMACEUTICALS CORPORATION
11011 TORREYANA RD
SAN DIEGO CA 92121

After examination of your Application No. 975049 for an Air Pollution Control District (District) Authority to Construct, the District has decided that:

Authority to Construct is granted pursuant to Rule 20 of the Air Pollution Control District Rules and Regulations for a:

Steam Boiler: Parker Industrial, 150 hp, 6.3 MMBtu/hr, natural gas fired, S/N 42645; with a low-NOx burner, Parker Industrial, Model Premix Metal Fiber.

This Authority to Construct is granted with the following conditions:

- 22557 1. Operation of this equipment shall be conducted in accordance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
- ? 20997 2. This equipment shall be properly maintained and kept in good operating condition at all times.
3. The applicant shall provide access, facilities, utilities and any necessary safety equipment for source testing and inspection upon request of the Air Pollution Control District.
- 22925 4. This equipment shall be fired on natural gas only.
- 21662 5. The concentration of oxides of nitrogen (NOx) emissions, measured as nitrogen dioxide, shall not exceed 30 parts per million by volume (ppmv), measured on a dry basis and corrected to 3% oxygen.
- 21663 6. The concentration of carbon monoxide (CO) emissions shall not exceed 400 parts per million by volume (ppmv), measured on a dry basis and corrected to 3% oxygen.
7. Within 30 days upon completion of the installation of the low-NOx burner, an initial compliance test shall be conducted on this equipment by an ARB-approved source tester, at the applicant's expense, to determine the flue gas emissions of total NOx and CO. A source test protocol shall be submitted to the District for written approval at least 30 days prior to source testing. The source test protocol shall comply with the requirements of the San Diego Air Pollution Control District Test Method 100, or equivalent, as approved by the U.S. Environmental Protection Agency.

22596

8. The equipment shall be source tested on an annual basis to ensure continued compliance with District emission standards prior to permit renewal. The measurement of emissions shall be conducted by the District in accordance with District Test Method 100 and in accordance with the source test requirements specified in District Rule 69.2.

23338

9. In the event the compliance test results do not demonstrate to the District's satisfaction that the facility can be expected to maintain continual compliance, the application for the Permit to Operate will be subject to a denial.
10. All records required by this permit shall be kept for a minimum of three years and made available to District personnel upon request.

This Authority to Construct authorizes temporary operation of the above specified equipment. This temporary Permit to Operate shall take effect upon written notification to the District that construction has been completed in accordance with this Authority to Construct. This temporary Permit to Operate will remain in effect, unless withdrawn or modified by the District, until the equipment is inspected by the District and a revised temporary permit (Startup Authorization) is issued or a Permit to Operate is granted or denied.

Upon completion of construction in accordance with this Authority to construct and prior to commencing operation, the applicant must complete and mail, deliver, or fax the enclosed Construction Completion Notice to the District. After mailing, delivering, or faxing the notice, the applicant may commence operation of the equipment. Operation must be in compliance with all of the conditions of this Authority to Construct and applicable District rules.

This Authority to Construct shall be posted on or within 25 feet of the above described equipment, or maintained readily available at all times on the operating premises.

This Air Pollution Control District Authority to Construct does not relieve the holder from obtaining permits to authorizations which may be required by other governmental agencies.

Within 30 days after receipt of this Authority to Construct, the applicant may petition the Hearing Board for a hearing on any conditions imposed herein in accordance with Rule 25.

This Authority to Construct is not transferable and will expire one year from the date of this letter, unless an extension is requested in writing.

If you have any questions regarding this action, please contact the undersigned at (858) 650-4608.



ARTHUR CARBONELL
Air Pollution Control Engineer

AC:el

I.D.#10 92162A

CONSTRUCTION COMPLETION NOTICE

San Diego County Air Pollution Control District
9150 Chesapeake Drive
San Diego, CA 92123-1096
(858) 650-4700
FAX: (858) 650-4659

Please complete the "APPLICANT USE ONLY" portion of this notice and fax or mail it to the APCD. The following information has been included based on your application information. Please note any corrections to this information.

COMPANY NAME (DBA): IDEC PHARMACEUTICALS CORP. APPLICATION #: 975049

EQUIPMENT ADDRESS: 11011 TORREYANA RD
SAN DIEGO, CA

TYPE OF EQUIPMENT: STEAM BOILER

APCD PROJECT ENGINEER: ARTHUR CARBONELL TELEPHONE: (858) 650 - 4608

APPLICANT USE ONLY

DATE CONSTRUCTION WAS COMPLETED: _____

PERSON PROVIDING NOTIFICATION (Please Print): _____

SIGNATURE: _____

DATE OF NOTIFICATION: _____ TELEPHONE: _____

APCD USE

I.D.# 10.92162A

VAX ENTRY DATE

DATE RECEIVED

~4

i.}

EVALUATION COVER SHEET

I. Application Information:

APP. NO.: 975049Engineer: Arthur CarbonellID#: 92162A
P/O #: 961744BEC: 12153 ✓
FS: 13AAppl. Type: New MAL X AMD COL
Emissions: Increase X Decrease Applicant: Idec Pharmaceuticals, Inc.Specific Reason: To increase the hours of operation for an existing boiler that was previously limited to <220,000 therms/yr under District Rule 69.2. A low-NOx burner will be installed.

II. AB3205 Compliance (Bldg. Permits/Public Notice)

Notice Required? Yes: No: X
Within 1000 feet of school? Yes: No: N/A: X
Toxic Emission Increase? Yes: No: N/A: X

III. Toxic Review

Is Rule 1200 Policy Applicable Yes: No: X
Passed De Minimus? Yes: No: N/A: X
Passed Risk Assessment? Yes: No: N/A: X

IV. Permit Conditions/Enforceability/Source Testing

A. New Conditions Reviewed by Compliance? Yes: Date: N/A: X
B. Source Testing Required? Yes: No: X
Initial? Yes: No: N/A: X
Renewal? Yes: No: N/A: X
Testing Requirements to Compliance? Yes: Date: N/A: X

V. Recommendations

~~Authority to Construct~~ IPOSenior Engineer Approval: [Signature]Date: 4/24/02

This engine was source tested on May 15, 2001, and was found to be in compliance with the standards of the Authority to Construct. Therefore, it is recommended that a Permit to Operate be issued with the conditions of BEC No. 12153.

[Signature]
Engineer's Signature4/23/02
Date

Check here if additional comments will be found on Page 3 of this evaluation

Evaluation Cover Sheet

Appl. No.: 975049P/O No.: 961744ID No.: 92162A

VI. Key Pollutant Emissions Changes

Emission Unit new to permit system? Yes: _____ No: X
 First emission unit at facility? Yes: _____ No: X
 Maximum Operating Schedule: 24 hrs/day 7 days/wk 52 wks/yr 8760 hrs/yr
 Maximum hourly material or fuel processed or used: _____ /hr (gals, cu.ft., tons, etc)
 Maximum annual material or fuel processed or used: _____ /yr (gals, cu.ft., tons, etc)

Annual Unit Emissions Change (to nearest 0.5 Tons per Year)

(Identify increases with "+", decreases with "-", no change with "0")

	NOx	CO	SOx	PM	PM10	VOC	TOG
Projected Actual:							
Potential to Emit:	+ 0.56	+ 7.49	+ 0.01		+ 0.20	+ 0.06	

(Potential to Emit means either maximum emitted or allowed in permit conditions)

VII. New Source Review Evaluation Results

BACT Imposed? Yes: _____ No: X To Clearinghouse Date: _____
 AQIA Req'd? Yes: _____ No: X Passed/Failed: _____
 Type of Source: New: _____ Existing: X Type of Action: Minor _____ Major _____ Major Mod. _____
 Offsets Req'd? Yes: _____ No: X Offsets Provided: Tons _____ Date: _____

VIII Rule Evaluation Results (Attach detailed rule compliance analysis)

Applicable Rule	Emission Standard	P/O - Actual Emissions or Control Level
50	except for 3 minutes in any consecutive 60-minute period, visible emissions < Ringlemann 1	with proper operation of the control equipment, no visible emissions in excess of the specified limits are expected
51	no nuisance	no nuisance complaints recieved
53	PM < 0.1 gr/dscf	PM = 0.01 gr/dscf (see attached calculations)
62	sulfur content of fuel: gaseous fuel ≤10 gr/100 dscf liquid fuel ≤0.5% by weight	compliance expected
69.2	NOx ≤30 ppm @ 3% O2 CO ≤400 ppm @ 3% O2	source test confirmed compliance
20.2 - NSR	BACT: emissions < 10 lbs/hr AQIA: NOx < 25 lbs/hr < 250 lbs/day Offsets: NOx, VOC < 50 tons/yr	net reduction in emissions, no NSR thresholds exceeded

Emission Factor References

Appl. No.: 975049

Evaluation Cover Sheet
 P/O No.: 961744

ID No.: 92162A

IX. General Application Information

Idec Pharmaceuticals, Inc.
(DBA)

11011 Torreyana Road, San Diego, CA 92121
(Mailing Address)

same as above
(Operator)

same as above
(Equipment Address)

Project Contact: Mark Thompson
Position: Sr. Manager, EH&S

Phone #: (858) 431-8822
Fax #: (858) 431-8890

X. Equipment Description (equipment listing)

Steam Boiler: Parker Industrial, 150 bhp, 6.3 MMBtu/hr, natural gas fired, S/N 42645; with a low-NOx burner, Parker Industrial, Model Premix Metal Fiber.

XI. Process Description (Identify and quantify materials used)

This boiler was previously permitted with conditions limiting the fuel input to less than 220,000 therms per year to satisfy District Rule 69.2. Subsequently, the facility exceeded the limit and will now install low-NOx burners guaranteed to meet the NOx emission limit of 30 ppm @ 3% O2 specified in Rule 69.2.

EVALUATION COVER SHEET

I. Application Information:

APP. NO.: 975049Engineer: Arthur CarbonellID#: 92162A
P/O #: 961744BEC: new
FS: 13AAppl. Type: New MAL X AMD COL
Emissions: Increase X Decrease Applicant: Idec Pharmaceuticals, Inc.Specific Reason: To increase the hours of operation for an existing boiler that was previously limited to <220,000 therms/yr under District Rule 69.2. A low-NOx burner will be installed.

II. AB3205 Compliance (Bldg. Permits/Public Notice)

Notice Required? Yes: No: X
 Within 1000 feet of school? Yes: No: N/A: X
Toxic Emission Increase? Yes: No: N/A: X

III. Toxic Review

Is Rule 1200 Policy Applicable? Yes: No: X
 Passed De Minimus? Yes: No: N/A: X
Passed Risk Assessment? Yes: No: N/A: X

IV. Permit Conditions/Enforceability/Source Testing

A. New Conditions Reviewed by Compliance? Yes: Date: N/A: X
B. Source Testing Required? Yes: No: X
 Initial? Yes: No: N/A: X
Renewal? Yes: No: N/A: X
Testing Requirements to Compliance? Yes: Date: N/A: X

V. Recommendations


Authority to Construct

Senior Engineer Approval: Date: 11/30/00

This boiler was previously limited to a fuel input of < 220,000 therms per year. The site was unable to comply with this so they are installing low-NOx burners to comply with Rule 69.2. The low-NOx burner system does not utilize flue gas recirculations. It uses a premix fan assisted combustion system consisting of a burner bed of multiple metal fiber burners. The burners are guaranteed to less than 20 ppm NOx @ 3% O2 and less than 100 ppm CO @ 3% O2. An initial source test and subsequent annual source test will show initial and continued compliance with the limits of Rule 69.2.

Although installing the low-NOx burners will result in lower hourly and daily potential to emit for NOx and CO, the increase in usage will result in an increase in annual emissions (see calculations). However, the increase in emissions does not trigger any NSR thresholds.

This equipment is expected to comply with all Rules and Regulations of the San Diego APCD. Therefore, it is recommended that a conditional Authority to Construct be issued.


Engineer's Signature10/27/00
Date

 Check here if additional comments will be found on Page 3 of this evaluation

Appl. No.: 975049

Evaluation Cover Sheet
P/O No.: 961744

ID No.: 92162A

VI. Key Pollutant Emissions Changes

Emission Unit new to permit system Yes: No: X
First emission unit at facility? Yes: No: X
Maximum Operating Schedule: 24 hrs/day 7 days/wk 52 wks/yr 8760 hrs/yr
Maximum hourly material or fuel processed or used: /hr (gals, cu.ft., tons, etc)
Maximum annual material or fuel processed or used: /yr (gals, cu.ft., tons, etc)

Annual Unit Emissions Change (to nearest 0.5 Tons per Year)
(Identify increases with "+", decreases with "-", no change with "0")

	NOx	CO	SOx	PM	PM10	VOC	TOG
Projected Actual:							
Potential to Emit:	+ 0.56	+ 7.49	+ 0.01		+ 0.20	+ 0.06	

(Potential to Emit means either maximum emitted or allowed in permit conditions)

VII. New Source Review Evaluation Results

BACT Imposed? Yes: No: X To Clearinghouse Date: _____
AQIA Req'd? Yes: No: X Passed/Failed: _____
Type of Source: New: Existing: X Type of Action: Minor Major Major Mod. _____
Offsets Req'd? Yes: No: X Offsets Provided: Tons Date: _____

VIII Rule Evaluation Results (Attach detailed rule compliance analysis)

Applicable Rule	Emission Standard	A/C - Expected Emissions or Control Level P/O - Actual Emissions or Control Level
50	except for 3 minutes in any consecutive 60-minute period, visible emissions < Ringlemann 1	with proper operation of the control equipment, no visible emissions in excess of the specified limits are expected
51	no nuisance	no nuisance complaints recieved
53	PM < 0.1 gr/dscf	PM = 0.01 gr/dscf (see attached calculations)
62	sulfur content of fuel: gaseous fuel ≤ 10 gr/100 dscf liquid fuel ≤ 0.5% by weight	compliance expected
69.2	NOx ≤ 30 ppm @ 3% O2 CO ≤ 400 ppm @ 3% O2	source test will confirm compliance
20.2 - NSR	BACT: emissions < 10 lbs/hr AQIA: NOx < 25 lbs/hr < 250 lbs/day Offsets: NOx, VOC < 50 tons/yr	net reduction in emissions, no NSR thresholds exceeded

Emission Factor References

Evaluation Cover Sheet

Appl. No.: 975049

P/O No.: 961744

ID No.: 92162A

IX. General Application Information

Idec Parmacueticals, Inc.
(DBA)

11011 Torreyana Road, San Diego, CA 92121
(Mailing Address)

same as above
(Operator)

same as above
(Equipment Address)

Project Contact: Mark Thompson

Phone #: (858) 431-8822

Position: Sr. Manager, EH&S

Fax #: (858) 431-8890

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XI. Process Description (Identify and quantify materials used)

This boiler was previously permitted with conditions limiting the fuel input to less than 220,000 therms per year to satisfy District Rule 69.2. Subsequently, the facility exceeded the limit and will now install low-NOx burners guaranteed to meet the NOx emission limit of 30 ppm @ 3% O2 specified in Rule 69.2.

(post-project)

FROM APPLICATION:

Applicant: Equipment Address:
 Application Number: ID Number: Boiler Rating: MMBtu/hr
 Operating Schedule: hrs/day days/wk wks/yr days/yr hrs/yr

EMISSION FACTORS:

	Boiler Size, MMBtu/hr		
	>100	10-100	0.3- <10
NOx	5.3E-05	3.0E-05	3.6E-05
CO	4.0E-05	3.7E-05	2.1E-05
SOx	6.0E-07	6.0E-07	6.0E-07
NMHC	1.4E-06	2.8E-06	3.8E-06
PM10	5.0E-06	1.4E-05	1.2E-05

Notes: 1. emission factors are in units of lbs/cu.ft.
 2. assume boilers are controlled with low-NOx burners and flue gas recirculation

EMISSIONS:

< 220,000 therms/yr: Natural Gas Heating Value: Btu/cu.ft. Gauge Pressure: psi

Maximum Fuel Usage: see given fuel usage

Given Fuel Usage: cu.ft./hr cu.ft./day cu.ft./yr

Calculated Fuel Usage: cu.ft./hr cu.ft./day MMcu.ft./yr

NOx = 3.6E-05 lbs/cu.ft. x 6275 cu.ft./hr = lbs/hr
 CO = 2.1E-05 lbs/cu.ft. x 6275 cu.ft./hr = lbs/hr
 SOx = 6.0E-07 lbs/cu.ft. x 6275 cu.ft./hr = lbs/hr
 NMHC = 3.8E-06 lbs/cu.ft. x 6275 cu.ft./hr = lbs/hr
 PM10 = 1.2E-05 lbs/cu.ft. x 6275 cu.ft./hr = lbs/hr

Calculated Exhaust: scfm (@ 3% O2 assuming 232.46 SCF/lb fuel and density of natural gas is 16 lbs CH4 per 385 cu.ft.)
 scfm (@ 12% CO2 assuming 198.025 SCF/lb fuel and density of natural gas is 16 lbs CH4 per 385 cu.ft.)

grain loading = 0.08 lbs/hr ÷ 51,640 cu.ft./hr x 7000 grains/lb = grains/dscf

From Rule 69.2:

Exhaust Gas Flow Rate: acfm
 Exhaust Gas Temperature: °F
 Standardized Exhaust Flow Rate: dscfm

NOx = 30 ppm x 1010 dscfm x 46 lbs NOx / 385 cu.ft. x 60 min/hr = lbs/hr
 CO = 400 ppm x 1010 dscfm x 28 lbs CO / 385 cu.ft. x 60 min/hr = lbs/hr

EMISSIONS SUMMARY:

	lbs/hr	lbs/day	tons/yr
NOx	0.22	5.21	0.95
CO	1.76	42.32	7.72
SOx	0.00	0.09	0.02
NMHC	0.02	0.57	0.10
PM10	0.08	1.81	0.33

FROM APPLICATION:

Applicant: Equipment Address:
 Application Number: ID Number: Boiler Rating: MMBtu/hr
 Operating Schedule: hrs/day days/wk wks/yr days/yr hrs/yr

EMISSION FACTORS:

	Boiler Size, MMBtu/hr		
	>100	10-100	0.3- <10
NOx	5.3E-05	3.0E-05	3.6E-05
CO	4.0E-05	3.7E-05	2.1E-05
SOx	6.0E-07	6.0E-07	6.0E-07
NMHC	1.4E-06	2.8E-06	3.8E-06
PM10	5.0E-06	1.4E-05	1.2E-05

Notes: 1. emission factors are in units of lbs/cu.ft.
 2. assume boilers are controlled with low-NOx burners and flue gas recirculation

EMISSIONS:

< 220,000 therms/yr: Natural Gas Heating Value: Btu/cu.ft. Gauge Pressure: psi

Maximum Fuel Usage: $220,000 \text{ therms/yr} \times 100,000 \text{ Btu/therm} \times 14.7 / 14.7 + 0 = 21,912,351 \text{ cu.ft. natural gas/yr}$

Given Fuel Usage: cu.ft./hr cu.ft./day cu.ft./yr

Calculated Fuel Usage: cu.ft./hr cu.ft./day MMcu.ft./yr

NOx =	3.6E-05 lbs/cu.ft. x	6275 cu.ft./hr =	<input type="text" value="0.23"/> lbs/hr
CO =	2.1E-05 lbs/cu.ft. x	6275 cu.ft./hr =	<input type="text" value="0.13"/> lbs/hr
SOx =	6.0E-07 lbs/cu.ft. x	6275 cu.ft./hr =	<input type="text" value="0.00"/> lbs/hr
NMHC =	3.8E-06 lbs/cu.ft. x	6275 cu.ft./hr =	<input type="text" value="0.02"/> lbs/hr
PM10 =	1.2E-05 lbs/cu.ft. x	6275 cu.ft./hr =	<input type="text" value="0.08"/> lbs/hr

Calculated Exhaust: scfm (@ 3% O2 assuming 232.46 SCF/lb fuel and density of natural gas is 16 lbs CH4 per 385 cu.ft.)
 scfm (@ 12% CO2 assuming 198.025 SCF/lb fuel and density of natural gas is 16 lbs CH4 per 385 cu.ft.)

grain loading = $0.08 \text{ lbs/hr} \div 51.640 \text{ cu.ft./hr} \times 7000 \text{ grains/lb} = \text{ grains/dscf}$

From Rule 69.2:

Exhaust Gas Flow Rate: acfm

Exhaust Gas Temperature: °F

Standardized Exhaust Flow Rate: dscfm

NOx =	30 ppm x	1010 dscfm x	46 lbs NOx / 385 cu.ft. x	60 min/hr =	<input type="text" value="n/a"/> lbs/hr
CO =	400 ppm x	1010 dscfm x	28 lbs CO / 385 cu.ft. x	60 min/hr =	<input type="text" value="n/a"/> lbs/hr

EMISSIONS SUMMARY:

	lbs/hr	lbs/day	tons/yr
NOx	0.23	5.42	0.39
CO	0.13	3.16	0.23
SOx	0.00	0.09	0.01
NMHC	0.02	0.57	0.04
PM10	0.08	1.81	0.13

18-Apr-2002

BASIC EQUIPMENT CODE REPORT

Page: 1

Bec Num: 12153 Fee Schedule: 34A
BOILER, 6.3 MMBTU/HR, NATURAL GAS

Cond Num: 22557

OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

Cond Num: 20997

THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. THESE INSTRUCTIONS SHALL BE KEPT ONSITE.

Cond Num: 22925

THE BOILER SHALL BE OPERATED ON NATURAL GAS ONLY. NO OTHER FUEL SHALL BE USED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE DISTRICT.

Cond Num: 21662

EMISSIONS OF OXIDES OF NITROGEN, CALCULATED AS NITROGEN DIOXIDE AT 3% OXYGEN ON A DRY BASIS, SHALL NOT EXCEED 30 PARTS PER MILLION BY VOLUME WHEN OPERATED ON A GASEOUS FUEL.

Cond Num: 21663

EMISSIONS OF CARBON MONOXIDE SHALL NOT EXCEED 400 PARTS PER MILLION BY VOLUME, CALCULATED AT 3% OXYGEN ON A DRY BASIS.

Cond Num: 22596

THIS EQUIPMENT SHALL BE SOURCE TESTED FOR COMPLIANCE AT LEAST ONCE PER PERMIT YEAR BEFORE THE PERMIT RENEWAL DATE, UNLESS OTHERWISE SPECIFIED IN WRITING BY THE DISTRICT. TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH DISTRICT TEST METHOD 100 AND IN ACCORDANCE WITH SOURCE TEST REQUIREMENTS SPECIFIED IN DISTRICT RULE 69.2 (G) AND 69.3.1 (G).

Cond Num: 23338

IF COMPLIANCE WITH THE NOX AND CO EMISSION STANDARDS CANNOT BE DEMONSTRATED TO THE SATISFACTION OF THE DISTRICT, THE PERMITTEE SHALL TAKE CORRECTIVE ACTION TO MEET THESE LIMITS. ANY PROPOSED CORRECTIVE ACTION THAT WOULD RESULT IN A MODIFICATION TO THE EQUIPMENT SHALL REQUIRE AN APPLICATION AND A DISTRICT AUTHORITY TO CONSTRUCT FOR SUCH MODIFICATION. IN THE EVENT THE COMPLIANCE TEST RESULTS DO NOT DEMONSTRATE TO THE DISTRICT'S SATISFACTION THAT THE FACILITY CAN BE EXPECTED TO MAINTAIN

18-Apr-2002

BASIC EQUIPMENT CODE REPORT

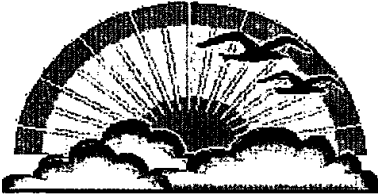
Page: 2

Bec Num: 12153 Fee Schedule: 34A
BOILER, 6.3 MMBTU/HR, NATURAL GAS

CONTINUAL COMPLIANCE, THE APPLICATION FOR THE PERMIT TO OPERATE WILL BE
SUBJECT TO DENIAL.

INITIAL COMPLIANCE TEST

(APP #: 975049)



AIR POLLUTION CONTROL DISTRICT
COUNTY OF SAN DIEGO

Monitoring and Technical Services

9150 Chesapeake Drive
San Diego, CA 92123

Nitrogen Oxides & Carbon Monoxide Emissions Summary Report

SITE: IDEC Pharmaceuticals Corporation
(Boiler)
LOCATION: 11011 Torreyana Road
San Diego, CA 92121.
MAIL ADDRESS: Mark Thompson
IDEC Pharmaceuticals Corporation
11011 Torreyana Road
San Diego, CA 92121.
P/O NUMBER: 961744 (APP #: 975049)
ID #: 92162A TEST DATE: 15-May-01
EQUIPMENT: Steam boiler, Parker Industrial, 150 hp, 6.3 MMBtu/hr, natural gas fired, s/n 42645; with a low-NOx burner,
Parker Industrial, model Premix Metal Fibre.

REPORT BY: G.R.Mortimore DATE: 15-May-01
APCD PERSONNEL: G.R.Mortimore, G.Allphin
SITE PERSONNEL: Wes Karch
APPROVED BY: Suzanne Blackburn, Senior Chemist

Table 1. Summary of Results - NOx and CO Stack Emissions Corrected to 3% O2

	TEST	PERMIT LIMITS	PERFORMANCE	HOURS OF TEST
NOx (ppm)	16	30	PASS	0.75
CO (ppm)	5	400	PASS	0.75
Fuel	Natural gas @ 6262 scfh*			
Boiler firing rate (% of max.)	100			

* Calculated from firing rate - see Engineering Report.

TEST REFERENCE: This testing was performed in accordance with the San Diego Air Pollution Control District Method 100: "Test Procedures For The Determination of Nitrogen Oxides, Carbon Monoxide and Diluent Gases by Continuous Emission Monitoring."

GRM, 26-July-00, V 3.5

INTERMEDIATE SUMMARY TABLE

Test Hrs	Sub-test number	Avg NO2 % of total NOx	Avg Raw NOx ppm	Avg. Raw NO ppm	NOx adj for drift & bias ppm	Avg. Raw CO ppm	CO adj for drift & bias ppm	Avg. Raw O2 %	O2 adj for drift & bias %	Corr NOx at 3% O2 ppm	Corr CO at 3% O2 ppm
13:31-13:47	1	16.9	8.9	7.5	9.0	3.5	3.0	10.90	10.78	15.9	5.3
14:14-14:29	2	21.0	9.0	7.2	9.2	2.9	2.4	10.94	10.84	16.3	4.3
14:59-15:14	3	19.0	8.8	7.2	8.9	2.9	2.4	10.92	10.83	15.9	4.2
Average		19.0			9.0		2.6	10.82		16.0	4.6

CALIBRATION GASES.

Gas	Cylinder	Manufacturer	Conc.	Diluted to :
NO	CC68611	Scott-Marrin	193.8 ppm	SGD check
NO	CCCA01678	Scott-Marrin	86.2 ppm	43.1, 17.2 ppm
NO	-	Scott-Marrin	- ppm	- ppm
NO2	CC7472	Scott-Marrin	76.9 ppm	15.4 ppm
CO	CC106613	Scott-Marrin	45.6 ppm	22.8 ppm
O2	CC51233	Scott-Marrin	21.09 %	10.55 %
N2	CC28505	Scott-Marrin	-	-

INSTRUMENTATION.

NOx analyser: Teco 42C (chemiluminescence) with high temperature converter.
 CO analyser: API 300 (NDIR).
 O2 analyser: Servomex 1440C (paramagnetic).
 Standard gas divider: Stec model SGD-A10.

RUN #1

Time: 13:31- 13:47

CALIBRATIONS:

Gas	Calibration	INITIAL		FINAL		Conc. (ppm)		Drift (% FS)
		Conc. (ppm)	Syst. Bias (%)	Conc. (ppm)	Syst. Bias (%)	(avg.)	(actual)	
NO	direct	17.2	1.4	16.9	0.8	17.0	17.2	-0.7
	zero	0.3		0.3		0.0	-0.1	
	system	17.0		16.8		17.2	-0.4	
	zero	0.3		0.3		0.0	0.0	
NO2	direct	15.4	5.5	15.3	6.6	15.4	15.4	-0.2
	zero	0.3		0.3		0.0	0.2	
	system	14.7		14.5		15.4	-0.6	
	zero	0.4		0.5		0.0	0.1	
CO	direct	23.8	0.2	N/A	N/A	N/A	22.8	N/A
	zero	0.7		N/A		0.0	N/A	
	system	23.6		23.0		22.8	-1.1	
	zero	0.5		0.5		0.0	0.0	
O2 as %	direct	10.79	1.4	N/A	N/A	N/A	10.55	N/A
	zero	0.34		N/A		0.00	N/A	
	system	10.68		10.66		10.55	-0.1	
	zero	0.38		0.34		0.00	-0.2	

EMISSION VALUES:

GAS	CONCENTRATION		
	uncorrected	*corrected	
**NOx avg	8.9	9.0	ppm
NO avg	7.5	7.5	ppm
NO2 avg	1.4	1.5	ppm
CO avg	3.5	3.0	ppm
O2 avg	10.90	10.78	%

Stack NO2 % 16.9

Analyser Range:

NOx 0- 45 ppm
 CO 0- 50 ppm
 O2 0- 25 %

*Corrected for drift and system bias.

**NOx AVG corr. = (NO AVG corr.+NO2AVG corr.)

RUN #2

Time: 14:14- 14:29

CALIBRATIONS:

Gas	Calibration	INITIAL		FINAL		Conc. (ppm)		Drift (% FS)
		Conc. (ppm)	Syst. Bias (%)	Conc. (ppm)	Syst. Bias (%)	(avg.)	(actual)	
NO	direct	16.9	0.8	16.9	1.1	16.9	17.2	0.0
	zero	0.3		0.3		0.0	0.0	
	system	16.8		16.7		16.8	17.2	-0.2
	zero	0.3		0.3		0.3	0.0	-0.1
NO2	direct	15.3	6.6	15.4	6.6	15.4	15.4	0.2
	zero	0.3		0.3		0.3	0.0	0.0
	system	14.5		14.6		14.5	15.4	0.2
	zero	0.5		0.5		0.5	0.0	0.0
CO	direct	N/A	N/A	N/A	N/A	N/A	22.8	N/A
	zero	N/A		N/A		N/A	0.0	N/A
	system	23.0		23.1		23.1	22.8	0.1
	zero	0.5		0.6		0.5	0.0	0.1
O2 as %	direct	N/A	N/A	N/A	N/A	N/A	10.55	N/A
	zero	N/A		N/A		N/A	0.00	N/A
	system	10.66		10.65		10.66	10.55	0.0
	zero	0.34		0.32		0.33	0.00	-0.1

EMISSION VALUES:

GAS	CONCENTRATION		
	uncorrected	*corrected	
**NOx avg	9.0	9.2	ppm
NO avg	7.2	7.2	ppm
NO2 avg	1.8	1.9	ppm
CO avg	2.9	2.4	ppm
O2 avg	10.94	10.84	%

Stack NO2 % 21.0

Analyser Range:

NOx 0- 45 ppm
 CO 0- 50 ppm
 O2 0- 25 %

*Corrected for drift and system bias.

**NOx AVG corr. = (NO AVG corr.+NO2AVG corr.)

RUN #3

Time: 14:59- 15:14

CALIBRATIONS:

Gas	Calibration	INITIAL		FINAL		Conc. (ppm)		Drift (% FS)
		Conc. (ppm)	Syst. Bias (%)	Conc. (ppm)	Syst. Bias (%)	(avg.)	(actual)	
NO	direct	16.9	1.1	17.0	1.6	16.9	17.2	0.2
	zero	0.3		0.3		0.0	0.0	
	system	16.7		16.8		16.7	17.2	0.1
	zero	0.3		0.3		0.0	0.1	
NO2	direct	15.4	6.6	15.5	7.7	15.4	15.4	0.1
	zero	0.3		0.3		0.0	0.0	
	system	14.6		14.7		14.6	15.4	0.2
	zero	0.5		0.7		0.6	0.0	0.5
CO	direct	N/A	N/A	23.6	1.3	N/A	22.8	N/A
	zero	N/A		0.9		N/A	0.0	N/A
	system	23.1		23.0		23.0	22.8	-0.2
	zero	0.6		0.5		0.5	0.0	0.0
O2 as %	direct	N/A	N/A	10.70	1.1	N/A	10.55	N/A
	zero	N/A		0.30		N/A	0.00	N/A
	system	10.65		10.63		10.64	10.55	-0.1
	zero	0.32		0.34		0.33	0.00	0.1

EMISSION VALUES:

GAS	CONCENTRATION		
	uncorrected	*corrected	
**NOx avg	8.8	8.9	ppm
NO avg	7.2	7.2	ppm
NO2 avg	1.6	1.7	ppm
CO avg	2.9	2.4	ppm
O2 avg	10.92	10.83	%

Stack NO2 % 19.0

Analyser Range:

NOx 0- 45 ppm
 CO 0- 50 ppm
 O2 0- 25 %

*Corrected for drift and system bias.

**NOx AVG corr. = (NO AVG corr.+NO2AVG corr.)

QA/QC CHECKS (continued).

SGD FIELD EVALUATION, (limits: all differences +/-2%).

Gas used: 193.8 ppm NO. Scale: 0 - 500 ppm.

Gas diluted to: (%)	SGD gas/zero values (ppm)			Injection values (ppm)				Actual gas conc. (ppm)
	1	2	3	1	2	3	Average	
100	198.7	198.5	198.0	197.3	197.1	196.6	197.0	193.8
	1.4	1.4	1.4				1.7	% diff. of avg. from act. val.
				0.2	0.1	-0.2		% diff. from avg.
50	98.7	98.5	98.3	97.3	97.1	96.9	97.1	96.9
	1.4	1.4	1.4				0.2	% diff. of avg. from act. val.
				0.2	0.0	-0.2		% diff. from avg.
40	78.7	78.7	78.7	77.3	77.3	77.3	77.3	77.5
	1.4	1.4	1.4				-0.3	% diff. of avg. from act. val.
				0.0	0.0	0.0		% diff. from avg.
20	39.5	39.5	39.5	38.1	38.1	38.1	38.1	38.8
	1.4	1.4	1.4				-1.7	% diff. of avg. from act. val.
				0.0	0.0	0.0		% diff. from avg.
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
								% diff. of avg. from act. val.
				N/A	N/A	N/A		% diff. from avg.

MID-LEVEL GAS CONCENTRATION DIRECT TO ANALYSER, (limit: difference +/-2%).

Gas used: 86.2 ppm NO. Scale: 0 - 500 ppm.

		Inj. #1	Inj. #2	Inj. #3	Avg.
Instrument response (ppm)	dir. gas val.	87.7	87.5	87.3	
	zero	1.4	1.4	1.4	
	diff.	86.3	86.1	85.9	86.1
	Certified dir. gas value (ppm)				86.2
		Diff. %			-0.1

CONVERTER EFFICIENCY, (must be >90%).

	NOx Mode	NO Mode
NO2 dir (ppm)	15.4	0.6
NO2 zero (ppm)	0.3	0.3
Conv. eff. (%)		96.6

NO2 gas: 15.4 ppm

MULTI-POINT CALIBRATION INSTRUMENT CHECK, (limit: instr. val. within 2% of full scale of predict. val.).

Conc. level	Gas concn.			Instr. response		
	NO ppm	CO ppm	O2%	NO ppm	CO ppm	O2 %
High	43.1	43.6	21.09	43.4	47.3	21.50
Zero	0.0	0.0	0.00	0.3	0.7	0.34
Mid	17.2	22.8	10.55	17.2	23.8	10.79
Scale, 0-				45	50	25
Slope				1.0	0.98	1.00
Intercept				-0.3	-0.7	-0.3
Mid (predict.)				17.6	24.0	10.92
Diff. (% full scale)				-0.8	-0.3	-0.5

GRM, 26-July-00, V 3.5

APPENDIX

Calculation of Gas Concentrations (Method 100).

1) Concentrations for O₂ & CO (and CO₂ when required) are calculated using equation 1.

$$C_{gas} = (C_{avg} - C_o) * \frac{C_{ma}}{(C_m - C_o)} \quad 1$$

Where:

C_{gas} = Effluent gas concentration, ppm, dry basis.

C_{avg} = Average gas concentration, ppm, dry basis,

indicated by the analyzer

C_{ma} = Actual certified concentration, ppm, of the mid- or high-range calibration gas used for the system calibration checks.

C_m = Average of the initial and final system calibration responses, ppm, for the mid- or high-range calibration gas.

C_o = Average of the initial and final system calibration responses, ppm, for the zero calibration gas.

2) NO₂, NO, & NO_x gas concentrations, corrected for instrument drift, calibration error and system bias for NO & NO₂ are calculated using equations 2,3 & 4 respectively.

$$NO_2_{gas} = [(NO_{xavg} - NO_{xod}) - (NO_{avg} - NO_o)] * \frac{(NO_{ma})}{(NO_{md} - NO_{od})} * \frac{(NO_{2md} - NO_{2od})}{(NO_{2m} - NO_{2od})} \quad 2$$

$$NO_{gas} = (NO_{avg} - NO_o) * \frac{(NO_{ma})}{(NO_{md} - NO_{od})} * \frac{(NO_{md} - NO_{od})}{(NO_m - NO_o)} \quad 3$$

$$NO_{xgas} = NO_{gas} + NO_2_{gas} \quad 4$$

Where:

NO_{xgas} = the total NO_x concentration, ppm, dry basis, in the stack effluent.

NO_{2gas} = the NO₂ concentration, ppm, dry basis, in the stack effluent

NO_{gas} = the NO concentration, ppm, dry basis, in the stack effluent.

NO_{xavg} = the average NO_x concentration, ppm, dry basis, indicated by the analyzer.

NO_{avg} = the average NO concentration, ppm, dry basis, indicated by the analyzer.

NO_{ma} = the actual certified concentration, ppm, of the mid- or high-range NO calibration gas.

NO_{2md} = the average of the initial and final analyzer responses, ppm, for the NO₂ calibration gas when introduced directly to the analyzer.

NO_{md} = the average of the initial and final analyzer responses, ppm, for the NO calibration gas when introduced directly to the analyzer.

NO_{od} = the average of the initial and final zero calibration responses, ppm, when NO zero calibration gas is sampled directly to the analyzer.

NO_{2m} = the average of the initial and final system calibration responses, ppm, for the NO₂ calibration gas.

NO_m = the average of the initial and final system calibration responses, ppm, for the NO calibration gas.

NO_o = the average of the initial and final system calibration responses, ppm, for the NO zero calibration.

NO_{xod} = the average of the initial and final zero calibration responses, ppm, when the NO_x zero calibration gas is sampled directly to the analyzer.

3) Specific gaseous emission limits corrected to 3% or 15% O₂ are calculated using equations 5a & 5b

$$C_{gas @ 3\% O_2} = C_{gas} * \frac{(20.95 - 3\% O_2)}{(20.95 - C_{gas} O_2\%)} \quad 5a$$

$$C_{gas @ 15\% O_2} = C_{gas} * \frac{(20.95 - 15\% O_2)}{(20.95 - C_{gas} O_2\%)} \quad 5b$$

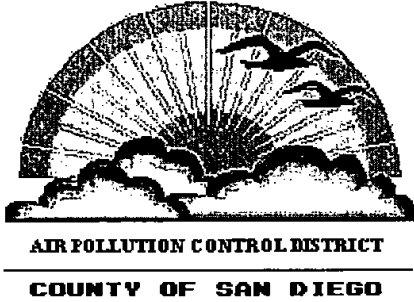
Where:

C_{gas @ 3% or 15%} = the stack gas effluent for either NO_x or CO corrected to 3% or 15% O₂.

C_{gas} = the stack gas effluent for either NO_x or CO determined using equation 1.

C_{gas O₂%} = the stack effluent gas concentration of O₂, %

NOTE: The Teco 42C NO_x analyzer used during this test is capable of measuring NO and total NO_x simultaneously. NO₂ calibration gas values are measured via the NO_x channel, thus NO₂ zero is the same as NO_x zero.



SOURCE TEST ENGINEERING REPORT

SITE : IDEC Pharmaceuticals Corporation
(Boiler)
PO# : 961744 (APP#: 975049)
DATE : 15-May-01
APCD PERSONNEL : G.R.Mortimore

EQUIPMENT: Steam boiler, Parker Industrial, 150 hp, 6.3 MMBtu/hr, natural gas fired, s/n 42645: with a low-NOx burner, Parker Industrial, model Premix Metal Fibre.

OPERATING PARAMETERS

	RUN #1	RUN #2	RUN #3	AVERAGE
FIRING RATE*	100	100	100	100
FUEL FLOW (acf?)**	5623	5623	5540	5595
FUEL FLOW (scf)***	6262	6262	6262	6262

* Firing rate is indicated by a pointer on a quadrant with 15 divisions. During testing a steam blow-off valve was opened which resulted in the boiler running at full fire with the pointer indicating 15 on the quadrant.

** This number is derived from timing fuel flow using the meter in the gas delivery line. This appears to be actual cubic feet. The line gas pressure is not known, therefore standard cubic feet flow cannot be determined.

*** This number is calculated from the firing rate and the Btu content of natural gas (1006 Btu/scf)

9/20/00

Mr. Arthur Carbonell
Air Pollution Control District
Compliance Division
9150 Chesapeake Drive
San Diego, CA 92123

Ref. Application # 975049

Dear M. Carbonell,

As per our telephone conversation on 9/20/00, I am submitting the information on the emission monitoring/control equipment we intend to install our boiler. The lead-time on this equipment is approximately eight to ten weeks, and IDEC anticipates having the vendor install the equipment during the routine maintenance shutdown currently scheduled for January 2001.

I hope this information allows you to move forward with the permitting process, and look forward to receiving a permit to construct. If you need any additional information then please contact me at 858-431-8822.

Sincerely,



Mark Thompson
Sr. Manager, EH&S



Air Pollution Control Board

Greg Cox	District 1
Dianne Jacob	District 2
Pam Slater	District 3
Ron Roberts	District 4
Bill Horn	District 5

Air Pollution Control District

R. J. Sommerville	Director
-------------------	----------

June 15, 2000

IDEC INC
ENVIRON HEALTH & SAFETY OFCR MARK THOMPSON
11011TORREYANA RD
SAN DIEGO CA 92121

Site Address: 11011TORREYANA

NOTICE OF RECEIPT OF APPLICATION

Your application for the following equipment/operation was received by the San Diego Air Pollution Control District on 18-May-2000. It was assigned Application No.975049.

MAL PO# 961744 INSTALLING EMISSION MONITORING/CONTROL EQUIPMENT FOR THE

The District will conduct an initial review of the application to determine if sufficient information has been provided to complete the review. You will be contacted within 30 days if additional information is required. If you have any questions concerning this application, please contact the following engineer: ARTHUR CARBONELL at (858) 694-3606.

Please note that this is not a Permit to Operate. Installation and/or operation of this equipment without written authorization is subject to fines.

cc: ARTHUR CARBONELL
Compliance

I.D. #92162A

5/16/00

Air Pollution Control District
Compliance Division
9150 Chesapeake Drive
San Diego, CA 92123

Dear Sirs:

IDEc Pharmaceuticals has received the Notice of Violation dated April 3, 2000, provided by your department (ref. enclosed copy). IDEc understands that the equipment in question (Parker boiler, serial # 112645) no longer qualifies for the 220,000 therm/year exemption provided under Rule 69.2 (d)(2) and is now subject to emission standards.

Enclosed please find an application and fee for modification of existing permitted equipment. IDEc intends on installing emission monitoring/control equipment for the Park boiler. I have not yet determined the nature of the monitoring/control equipment required, and am currently investigating this matter with the boiler vendor. I hope to submit the model numbers, specifications, and anticipated installation date for this monitoring/control equipment to APCD within 30 days. If you have any questions please contact me at 858-431-8822.

Sincerely,



Mark Thompson
Sr. Manager, EH&S



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RICHARD SMITH
AIR POLLUTION CONTROL DISTRICT
COUNTY OF SAN DIEGO
9150 CHESAPEAKE DR., SUITE 102
SAN DIEGO, CA 92123-9920



RECEIVED

APR 30 1 50 PM '01

AIR POLLUTION
CONTROL DISTRICT

(PLEASE FOLD ALONG DOTTED-LINES AND SEAL WITH TAPE; DO NOT STAPLE)

SAN DIEGO AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO CA 92123-1096
PHONE (619) 694-3307 • FAX (619) 694-2730

PERMIT / REGISTRATION APPLICATION

FILING THIS APPLICATION DOES NOT GRANT PERMISSION TO CONSTRUCT OR TO OPERATE EQUIPMENT

IMPORTANT REMINDERS: Read instructions on the reverse side of this form prior to completing this application. Please ensure that all of the following are included before you submit the application:

Appropriate Permit Fee _____ Completed Supplemental Form(s) _____ Signature on Application _____

REASON FOR SUBMITTAL OF APPLICATION: (check the appropriate item and enter Application (AP) or Permit to Operate (PO) number if required)

- 1. New Installation
- 2. Existing Unpermitted Equipment or Rule 11 Change
- 3. Modification of Existing Permitted Equipment
- 4. Amendment to Existing Authority to Construct or AP
- 5. Change of Equipment Location
- 6. Change of Equipment Ownership
- 7. Change of Permit Conditions
- 8. Change Permit to Operate Status to Inactive
- 9. Banking Emissions
- 10. Registration of Portable Equipment
- 11. Other (Specify) _____

12. List affected AP/PO#(s): _____

APPLICANT INFORMATION

13. Name of Business (DBA) IDEC Pharmaceuticals Corporation

14. Nature of Business Bio-pharmaceutical company

15. Does this organization own or operate any other APCD permitted equipment at this or any other adjacent locations in San Diego County? yes no

If yes, list assigned location ID's from your PO's 920494

16. Type of Ownership Corporation Partnership Individual Owner Government Agency Other _____

17. Name of Legal Owner (if different from DBA) _____

18. Contact Person/Permit Holder (Complete Items B, C and D only if different from Item A)

A. Equipment Owner

B. Authority to Construct

19. Name IDEC PHARMACEUTICALS CORP

20. Mailing Address 11011 TORREYANA ROAD

21. City SAN DIEGO

22. State CA Zip 92121 Zip _____

23. Phone (619) 550-8500 FAX (619) 550-8750 () FAX ()

C. Permit to Operate

D. Billing Information

24. Name Same as above same as above

25. Mailing Address _____

26. City _____

27. State _____ Zip _____ Zip _____

28. Phone () FAX () () FAX ()

EQUIPMENT/PROCESS INFORMATION: Check Type of Equipment: Stationary Portable - Will operation exceed 180 days? Yes No

29. Equipment Location Address 11011 TORREYANA ROAD

30. City SAN DIEGO State CA Zip 92121

31. Phone (619) 550-8500 FAX (619) 550-8750

32. Site Contact Gordon Meacham Title Maintenance Manager Phone (619) 550-8651

33. General Description of Equipment/Process Gas fired steam boiler, 150 h.p. used to provide steam for manufacturing equipment

34. Application Submitted by Owner Operator Contractor Consultant Affiliation _____

I hereby certify that all information provided on this application is true and correct.

35. SIGNATURE Lisa Stovall Date 4-1-97

36. Print Name LISA STOVALL Title Maintenance Supervisor

37. Company IDEC Pharmaceuticals Corp Phone (619) 550-8500

ACPD USE ONLY					
AP # <u>9601744</u>	ID # <u>921627A</u>	Sector <u>10</u>	UTM: <u>X</u>	Y	SIC
Engineering Contact	Fee Code <u>13A</u>	AP Fee \$ <u>1217.00</u>	T&M Renewal Fee \$		
Receipt # <u>96005692</u>	Date <u>4-15-97</u>	Am't Rec'd \$ <u>1217.00</u>	Fee Code <u>13A</u>		
Refund Claim #	Date	Am't \$			
Application Generated By <u>NV#</u>	NC #	Other	Date	Inspector	

Fee code 13A , initial application fee : \$1217.00



AC
4/15/97

APPLICATION INSTRUCTIONS

GENERAL

1. The owner or designated agent must complete and sign this multi-copy form and file it with one copy of all attachments, required supplementary forms, drawings and the appropriate fee.
2. The appropriate fee (payable to "County of San Diego APCD") shall be forwarded with this Permit/Registration Application. Application processing will not begin until the full required fee has been received. Excess fees will be refunded upon completion of the application process. If you do not know the appropriate fee or need to discuss the information required, please contact the District at (619) 694-3307 and ask for the Engineering Division.

REASON FOR SUBMITTAL OF APPLICATION

1. New Installation - check if you are installing equipment that does not currently have a District Permit to Operate.
2. Existing Unpermitted Equipment or Rule 11 Change - check if applying for installed existing equipment that is currently unpermitted or equipment that is now subject to District Rules due to Rule 11 changes.
3. Modification of Existing Permitted Equipment - check if you are making a change to equipment with a current District Permit to Operate. (List affected PO #(s) on line 12)
4. Amendment to Existing Authority to Construct or Permit/Registration Application - check this line if you are amending a previously submitted application form or if amending a current Authority to Construct. (List affected Application #(s) on line 12)
5. Change of Equipment Location - check if you are moving non-portable equipment with a current District Permit to Operate. (List affected PO #(s) on line 12)
6. Change of Equipment Ownership - check if you are now the owner of equipment with a current District Permit to Operate under a different owner. (List affected PO #(s) on line 12)
7. Change of Permit Conditions - check if equipment with a current Permit to Operate requires changes to the existing operating conditions. (List affected PO #(s) on line 12)
8. Change Permit to Operate Status to Inactive - check if you wish to maintain your current Permit to Operate but are not going to operate the equipment. (List affected PO #(s) on line 12)
9. Banking Emissions - check if you are retiring equipment with a current District Permit to Operate and wish to bank the emissions for future credits. (List affected PO #(s) on line 12)
10. Registration of Portable Equipment - check this line if you are applying for registration of portable equipment.
11. Other - check for any action not covered by #(s) 1 thru 10.
12. List affected AP/PO#(s) - if you checked #'s 3 or 5-9, list current Permit to Operate Number(s) affected or if you checked #4, list existing Application number whether or not an Authority to Construct has been issued.

APPLICANT INFORMATION

13 thru 17 are self-explanatory.

18 thru 28 are self-explanatory, complete Items B, C, and D only if different from Item A.

EQUIPMENT/PROCESS INFORMATION

Check Stationary (e.g. gasoline service site, dry cleaning facility, etc.) or Portable (abrasive blast pot, roofing kettle, etc.) depending upon the type of equipment for which you are filing an application. Also check Yes if the equipment is portable and will operate more than 180 consecutive days at a single site. Otherwise, check No.

29 thru 37 are self-explanatory.

A

BOILERS/HEATER

Supplemental Form

Fee Schedules 13 A-D, F-H

APCD Use Only

Appl. No:

ID No.:

(Please type or print the information requested below.)

Company Name: IDEC PHARMACEUTICALS, 11011 TORREYANA RD, SAN DIEGO, CA 92124Equipment Address: SAME**A. EQUIPMENT DESCRIPTION**Equipment Type: Boiler Heater
Boiler Type: water or steam
Heater purpose (specify): _____

Rated Heat Input: _____ million (MM) Btu/Hr

Manufacturer: PARKER Model: LOS-I-ATM.GAS S/N 42645Burner Mfr.: Honeywell Model: Q179 S/N _____

Emission Control Equipment:

Low NOx Burners yes noFlue/Exhaust Gas Recirculation yes no If yes, _____ % recirculatedWater Injection yes no If yes, _____ lbs/hrOxygen Trim Controller & Display yes noDescribe any other emission controls; (i.e., catalyst, NH₃ injection, fuel additive, etc.)N/A**B. PROCESS DESCRIPTION**Purpose of equipment (steam, hot water, hot air, etc.): steam**C. OPERATING SCHEDULE**Ave. 24 hrs/day 7 days/wk 52 wks/yrMax. 24 hrs/day 7 days/wk 52 wks/yr**D. MAXIMUM FUEL CONSUMPTION**

Fuel	Type (e.g., Diesel #1, natural gas, etc.)	Fuel Flow Rate (e.g., gal/hr, lbs/hr, dscf/hr, etc.)	Fuel Sulfur Content % by weight (liquid fuel) or grains sulfur compound per 100 dscf (gaseous fuel)
Primary	<u>GAS</u>	<u>—</u>	<u>N/A</u>
Backup	<u>N/A</u>	<u>—</u>	<u>—</u>

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Note: Permittee shall be limited to maximum fuel consumption rate given..

Split Fuel Firing yes no

E. MANUFACTURER'S EMISSION DATA

Exhaust gas concentrations at rated maximum load:

Oxides of Nitrogen (as NO ₂)	<u>100</u> ppmv	at <u>3</u> % oxygen
Hydrocarbons (HC as CH ₄)	<u>70</u> ppmv	at <u>3</u> % oxygen
Particulates (PM)	<u>NIL</u> grains/dscf	at <u>3</u> % CO ₂

Operating Values:

CO₂ 6 % by volume

Oxygen O₂ 10.2 % by volume

Exhaust flow rate 2835 actual cu. ft./min. @ least 500 °F

Provide manufacturer's specifications for the basic and emission control equipment and documentation of all emissions data.

Additional information: _____

Name of Preparer: Lisa Stovall Title: Main. Sup.
Phone No.: 419-550-8742 Date: 5-8-97

NOTE TO APPLICANT:
Before acting on an application for Authority to Construct, Permit to Operate, or Permit to Sell or Rent, the District may require further information, plans, or specifications. Forms with insufficient information may be returned to the applicant for completion, which will cause a delay in application processing and may increase processing fees. The applicant should correspond with equipment and material manufacturers to obtain the information requested on this supplemental form.



FAX TRANSMITTAL

Date: 5-8-97

Fax To: Austen D'Amico

Fax Number: 694-2730

From: Lisa Stovall

IDEC Pharmaceuticals Corp.
11011 Torreyana Road
San Diego, CA 92121-1104

Fax: (619) 550-8774
Phone: (619) 550-8500

Subject: APC.D form

Pages: 3
(including cover)

COMMENTS:

Sorry this is so late!

Lisa

PRIVACY AND CONFIDENTIALITY NOTICE

This information contained in this facsimile message is legally privileged and confidential. This information is intended only for the use of the individual or entity named above. If you are not the intended recipient, you are hereby notified that any disclosures, copying, distributions, or the taking of any action in the reliance on the contents of this telecopied information is strictly prohibited. If you received this transmission in error, please notify us by telephone immediately so that we can arrange for its return to us. Thank you for your cooperation.

SAN DIEGO COUNTY AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE
SAN DIEGO, CA 92123
PHONE (619) 694-3307
FAX (619) 694-2730

92162A

Sector/ID

961744

Application Numbers

STARTUP AUTHORIZATION

7/24/98

(BEC)

Date of Issuance

IDEC PHARMACEUTICALS CORP.

11011 TORREYANA ROAD, SAN DIEGO, CA 92121

(NAME AND ADDRESS OF OPERATOR OR OWNER)

may operate an STEAM BOILER: PARKER INDUSTRIAL, NATURAL GAS FIRED, 150 BHP, 6.3 MMBTU/HR,
S/N 42645.

(DESCRIPTION OF FACILITY OR EQUIPMENT)

located at 11011 TORREYANA ROAD, SAN DIEGO, CA 92121

(ADDRESS)

until 10/27/98 pursuant to Rule 21 of the Rules and Regulations of the Air Pollution
Control District, subject to the following conditions:

A copy of this authorization shall be posted on or near the equipment for which operation is authorized.

The undersigned APCD representative shall be notified as soon as the equipment is fully operational.

1. THE INSTALLATION AND OPERATION OF THE BOILER AND ANY EMISSION CONTROLS SHALL BE LIMITED TO THE EQUIPMENT DESCRIBED ABOVE AND OPERATIONS SHALL BE IN ACCORDANCE WITH ALL THE CONDITIONS STATED HEREIN.
2. THE APPLICANT SHALL PROVIDE ACCESS, FACILITIES, UTILITIES, AND ANY NECESSARY SAFETY EQUIPMENT FOR SOURCE TESTING AND INSPECTION UPON REQUEST OF THE AIR POLLUTION CONTROL DISTRICT.
3. THIS BOILER SHALL BE OPERATED ON NATURAL GAS ONLY. NO OTHER FUEL SHALL BE USED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE DISTRICT.
4. THIS BOILER SHALL BE EQUIPPED WITH A NON-RESETTABLE TOTALIZING FUEL METER INSTALLED IN THE FUEL LINE TO MEASURE THE VOLUMETRIC FLOW RATE OF FUEL TO THE BOILER. THIS METER SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
5. NATURAL GAS CONSUMPTION SHALL NOT EXCEED 220,000 THERMS PER CALENDAR YEAR (AMOUNT EQUAL TO 16,094,356 CUBIC FEET PER CALENDAR YEAR, BASED ON A HEATING VALUE OF 1020 BTU/SCF AND A GAUGE PRESSURE OF 5 PSI).
6. THE BOILER SHALL BE TUNED AT LEAST ONCE PER YEAR IN ACCORDANCE WITH THE TUNING PROCEDURE OUTLINED IN DISTRICT RULE 69.2 (SECTION J). THE PERMITTEE SHALL BE RESPONSIBLE FOR ALL BOILER TUNING AND COST INCURRED.
7. ALL RECORDS REQUIRED BY THIS PERMIT, INCLUDING MONTHLY FUEL USAGES AND TUNE-UP DOCUMENTATION, SHALL BE MAINTAINED ON-SITE FOR A MINIMUM OF THREE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
8. THIS STARTUP AUTHORIZATION SHALL EXPIRE ON THE DATE SPECIFIED ABOVE OR TEN DAYS FOLLOWING WRITTEN NOTICE FROM THE DISTRICT THAT THE EQUIPMENT IS NOT IN COMPLIANCE WITH AN APPLICABLE RULE, RECEIPT OF A PERMIT TO OPERATE, OR NOTICE OF DENIAL OF A PERMIT TO OPERATE; WHICHEVER IS SOONER.

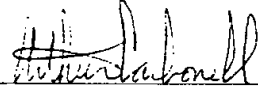
Operation is authorized only for the purpose of:

Shaking down, testing and evaluating the equipment named above.

Allowing operation until an APCD Permit to Operate has been issued.

THIS IS NOT AN AUTHORIZATION TO EXCEED ANY APPLICABLE EMISSION STANDARD. THIS AUTHORIZATION IS SUBJECT TO CANCELLATION IF ANY EMISSION STANDARD OR CONDITION IS VIOLATED. IF THERE ARE ANY QUESTIONS ABOUT THIS AUTHORIZATION, PLEASE CONTACT THE UNDERSIGNED AT (619) 694 - 3606 .

Signed: _____



Print Name: _____

ARTHUR CARBONELL

for R.J. SOMMERVILLE, Air Pollution Control Officer

EVALUATION COVER SHEET

Project Eng'r: Arthur Carbonell

Senior Eng'r Approval: A/C

D. 11/19/98 P/O D. 11/19/98

Date: A/C

P/O

ID#: 92162A

BEC: new

FEE SCHEDULE NO.: 13A

SUBJECT: EVALUATION OF APP. NO.: 961744

I. Application Information:

IDEC Pharmaceuticals Corporation
(Owner)

11011 Torreyana Road, San Diego, CA 92121
(Mailing Address)

same as above
(Operator)

same as above
(Equipment Address)

Project Contact: Lisa Stovall

Position: Maintenance Supervisor

Phone #: (619) 550-8500

Fax #: (619) 550-8750

II. Reason for Application:

 New Construction
 X Exist. Facility (since 07/05/79)
 Exist. Facility (pre - 07/05/79)

 Emissions Increased
 Emissions Same
 X Emissions Decreased

(Specific Reason)

To comply with Rule 69.2 by limiting usage to < 220,000 therms/yr and performing annual tune-ups

III. Equipment Description:

Steam Boiler: Parker Industrial, 150 bhp, 6.3 MMBtu/hr, natural gas fired, S/N 42645.

IV. Process Description: (Identify and quantify materials used)

This boiler was previously Rule 11 exempt. It will comply with Rule 69.2 by limiting the fuel input to less than 220,000 therms per year and performing annual tune-up procedures.

Evaluation Cover Sheet

Appl. No.

961744

V. Evaluation Results (attach detailed rule compliance analysis if appropriate):

Applicable Rule	Allowable Emissions or Minimum Control	(A/C)* Expected Emissions or Control Level	(P/O) Actual Emissions or Control Level
50	except for 3 minutes in any consecutive 60 minute time period, Ringlemann < 1.0		no visible emissions are expected
51	no nuisance		no nuisance complaints recieved
53	PM < 0.1 grains/dscf		PM = 0.006 grains/dscf (see previous evaluation calculations for NG boiler)
62	sulfur content of fuels: gaseous ≤ 10 gr/100 dscf liquid ≤ 0.5% by weight		Compliance expected (see previous evaluation calculations for NG boiler)
69.2	NOx ≤ 30 ppm @ 3% O2		conditioned to limit heat input rating to < 220,000 therms/yr and perform annual tune-ups
20.2 - NSR (post 5/94)	BACT ≤ 10 lbs/day AQIA ≤ 25 lbs/hr ≤ 250 lbs/day offsets ≤ 15 tons/yr		n/a previously Rule 11 exempt

* Each should be documented in an attachment

References: see rule analysis

VI. AB3205 Compliance (Bldg. Permits/Public Notice)

A. Does this equipment/process have the potential to emit a hazardous compound as identified either by the ARB list of hazardous compounds or by the District?

Yes: _____ No: X

B. If yes, is the proposed project an increase in hazardous compound emissions?

Yes: _____ No: _____

C. If yes, is source located within 1000 feet of a school?

Yes: _____ No: _____

Basis: Applicant Certification: _____ District Map: _____ Other: _____

D. If yes, does the school have less than twelve students or is it a private school located in a private home?

Yes: _____ No: _____

VII. Rule 51 TAC Reveiw Policy

A. Is this equipment/process of a type which will require a health risk assessment pursuant to the Engineering policy regarding Rule 51 Compliance Review (ref. Attachment 1, Part A)?

Yes: _____ No: X

B. Will operation of this equipment result in an increase in emissions of any of the toxic air contaminants listed in Attachment 2 of the policy?

Yes: _____ No: _____

C. If yes to either A or B, has this application been reviewed by the Air Toxic/Special Projects Section?

Yes: _____ No: _____

D. Have the results of a health risk assessment and recommendations of the Air Toxic staff been considered?

Yes: _____ No: _____

E. Have the results and recommendations been discussed with the Senior Eng'r.?

Yes: _____ No: _____

*Explain:

VIII. Permit Conditions/Enforceability/Source Testing

A. Is this permit being granted with newly created permit conditions, modified conditions or a new combination of conditions?

Yes: X No: _____

B. If yes, will the permit conditions require new or additional Enforcement practices for this source or source type?

Yes: _____ No: X

C. If yes to A and B, have the permit conditions been reviewed with Enforcement (Chief or Inspector III)?

Yes: _____ No: _____

D. Is regular source testing of this equipment/process necessary to ensure on-going compliance?

Yes: _____ No: _____

E. If yes, has a written recommendation been provided to Enforcement on the type and frequency of renewal testing?

Yes: _____ No: _____

IX. AB2588 (Toxic Hot Spots)

A. Is this source (per Rule 20.1) subject to AB2588?

Yes: _____ No: X

B. If yes, is the source complying with those requirements?

Yes: _____ No: _____

C. If a new or modified source that emits greater than 10 TPY of NOx, SOx, PM10 or THC, have conditions requiring AB2588 compliance been imposed?

Yes: _____ No: _____

X. Conclusions and Recommendations

a. Authority to Construct:

Date: _____

Engineer's Signature

b. Permit to Operate:

Date: 8/5/98

To comply with Rule 69.2, this facility has opted to keep the fuel usage for the boiler to less than 220,000 therms per year and to tune up each boiler on an annual basis in accordance with the rule. According to Lisa Stovall of Idec, the pressure in the line at which the gas meter reads the volumetric flow rate of the fuel input is 5 psi. Since the 220,000 therms/yr fuel limit was established for standard conditions, the final allowable fuel input had to be corrected for the gauge pressure. Therefore, the final allowable fuel input is 16.09 MMft³/yr (see attached calculations).

This equipment is expected to comply with all rules and regulations of the San Diego APCD, therefore it is recommended that a final Permit to Operate be issued with the conditions of BEC No. 11214.

Arthur S. Bonnell
Engineer's Signature

ANALYSIS OF APPLICABLE RULES

RULE 50: VISIBLE EMISSIONS:-

This rule limits air contaminant emission into the atmosphere of shade greater than Ringlemann Number 1, to a maximum aggregate of three minutes in any consecutive sixty minute time period.

This modification will not cause an increase in visible emissions. Therefore, continued compliance with this rule is expected.

RULE 51: NO NUISANCE:-

This rule prohibits discharge of air contaminants that cause or have a tendency to cause injury, nuisance, annoyance to people and/or the public or damage to business or property.

No nuisance complaints have been received for this equipment and this modification will not cause an increase in odors or toxic emissions. Therefore, continued compliance with this rule is expected.

RULE 53(c)(2): COMBUSTION PARTICULATES:-

This rule prohibits the discharge of particulate matter from any single combustion source in excess of 0.1 grains per dry standard cubic foot of gas which is standardized to 12% CO₂ by volume.

Calculations performed for the Authority to Construct evaluation show PM = 0.006 grains/dscf. Therefore, compliance with this rule is expected.

RULE 69.2 - BOILERS:-

This rule requires all boilers, steam generators, and process heaters with a heat input rating greater than or equal to 5 MMBtu/hr to either meet NO_x emissions limits of 30 ppm for natural gas, 40 ppm for diesel or to limit their annual fuel input to less than 220,000 therms and perform annual tune ups.

The applicant will limit the annual heat input for each boiler to less than 220,000 therms per year. The applicant will also install a non-resettable totalizing fuel meter in each fuel line which will measure the volumetric flow rate to each boiler. Additionally, each boiler will be tuned annually in accordance with the procedure outlined in section (j) of this rule.

RULE 20.1 - NEW SOURCE REVIEW:-

This rule required the applicant to implement BACT, conduct an AQIA, or provide offsets if certain thresholds are exceeded. The BACT threshold is 10 lbs/day of any criteria pollutant for each permit unit. The AQIA threshold values for each permit unit are as follows: NO_x and SO_x are 25 lbs/hr, 250 lbs/day; CO is 100 lbs/hr, 550 lbs/day; PM is 100 lbs/day. The threshold value for offsets is 15 tons/yr of NO_x or VOC for each facility.

This modification will result in a net decrease in the potential to emit for this equipment. Therefore, the modification to this equipment is exempt from NSR requirements.

CONDITIONS EXPLANATION:

All conditions are standard for this type of equipment.

EVALUATION COVER SHEET

Project Engr.: AUSTEN D'LIMA Senior Engr. Approval: A/C 7/10/97 P/O
Date: A/C P/O ID#: 92162 A BEC: _____
FEE SCHEDULE NO.: 13A

SUBJECT: EVALUATION OF APP. NO.: 961744

I. Application Information:

IDEC PHARMACEUTICALS CORP
(Owner)

11011 TORREYANA RD, SAN DIEGO, CA 92121
(Mailing Address)

SAME AS ABOVE
(Operator)

SAME AS ABOVE
(Equipment Address)

Project Contact: GORDON MEACHAM
Phone #: (619) 550 - 8651
FAX #: (619) 550 - 8750

Position: MAINTENANCE MANAGER.

II. Reason for Application:

New Construction
 Exist. Facility (since 07/05/79)
 Exist. Facility (pre - 07/05/79)

Emissions Increased
 Emissions Same
 Emissions Decreased

(Specific Reason)

TO PERMIT A STEAM BOILER FOR MANUFACTURING EQUIPMENT

III. Equipment Description: PARKER INDUSTRIAL BOILER, S/N: 42645, 150 BHP, 6.3MM BTU/HR.
BOILER: THERMO-PAK, MODEL NO. GW-D 10000, SERIAL NO. 4M 25A & B, 10.0 MM BTU/HR, NATURAL
GAS FIRED BOILER FOR PRODUCING STEAM.

THE BOILER IS FIRED ON NATURAL GAS ONLY AND NO BACKUP FUEL IS USED.

IV. Process Description: (Identify and quantify materials used)

THIS BOILER IS REPORTED TO HAVE BEEN INSTALLED PRIOR TO APPLICATION SUBMITTAL.
IT IS LESS THAN 20.0 MM BTU/HR AND THEREFORE WAS CONSIDERED TO BE EXEMPT BASED ON A
PREVIOUS VERSION OF RULE 11.

THIS BOILER SUPPLIES STEAM FOR MANUFACTURING PROCESSES.

Evaluation Cover Sheet

Appl. No. 961744

V. Evaluation Results (attach detailed rule compliance analysis if appropriate):

Applicable Rule	Allowable Emissions or Minimum Control	(A/C)* Expected Emissions or Control Level	(P/O) Actual Emissions or Control Level
50	EXCEPT FOR 3 MINS. IN ANY CONSEC. 60 MIN. TIME PERIOD, R ≤ 1.0	R < 1.0	R:
51	NO NUISANCE	NO COMPLAINTS EXPECTED	NO COMPLAINTS RECEIVED
53(c)(2)	PM ≤ 0.1 GR/DSCF AT 12% CO2	WITHIN LIMITS PM = 0.006 GR/DSCF	WITHIN RULE LIMITS (see calcs for NG boiler)
62(b)(1)	GAS FUEL: ≤ 10 GRAIN S PER 100 DSCF OF FUEL	WITHIN RULE LIMITS	WITHIN RULE LIMITS (see calcs for NG boiler)
69.2(d)(2)	< 220,000 THERMS: ANNUAL TUNEUP REQ'D	ANNUAL FUEL LIMIT	21.5 MM CFT NG/YR
20.2 NSR (post 5/94)	N/A - PREVIOUSLY RULE 11 EXEMPT		

* Each should be documented in an attachment

References: _____

VI. AB3205 Compliance (Bldg. Permits/Public Notice)

A. Does this equipment/process have the potential to emit a hazardous compound as identified either by the ARB list of hazardous compounds or by the District?

Yes: _____ No: X _____

B. If yes, is the proposed project an increase in hazardous compound emissions?

Yes: _____ No: _____

C. If yes, is source located within 1000 feet of a school?

Yes: _____ No: _____

Basis: Applicant Certification: _____ District Map: _____ Other: _____

D. If yes, does the school have less than twelve students or is it a private school located in a private home?

Yes: _____ No: _____

Appl. No. 961744

VII. Rule 51 TAC Review Policy

A. Is this equipment/process of a type which will require a health risk assessment pursuant to the Engineering policy regarding Rule 51 Compliance Review (ref. Attachment 1, Part A)?

Yes: _____ No: X

B. Will operation of this equipment result in an increase in emissions of any of the toxic air contaminants listed in Attachment 2 of the policy?

Yes: _____ No: _____

C. If yes to either A or B, has this application been reviewed by the Air Toxic/Special Projects Section?

Yes: _____ No: _____

D. Have the results of a health risk assessment and recommendations of the Air Toxic staff been considered?

Yes: _____ No: _____

E. Have the results and recommendations been discussed the Senior Engr..?

Yes: _____ No: _____

*Explain:

VIII. Permit Conditions/Enforceability/Source Testing

A. Is this permit being granted with newly created permit conditions, modified conditions or a new combination of conditions?

Yes: X No: _____

B. If yes, will the permit conditions require new or additional Enforcement practices for this source or source type?

Yes: _____ No: X

C. If yes to A and B, have the permit conditions been reviewed with Enforcement (Chief or Inspector III)?

Yes: _____ No: _____

D. Is regular source testing of this equipment/process necessary to ensure on-going compliance?

Yes: _____ No: _____

E. If yes, has a written recommendation been provided to Enforcement on the type and frequency of renewal testing?

Yes: _____ No: _____

IX. AB2588 (Toxic Hot Spots)

A. Is this source (per Rule 20.1) subject to AB2588?

Yes: _____ No: X

B. If yes, is the source complying with those requirements?

Yes: _____ No: _____

C. If a new or modified source that emits greater than 10 TPY of NOx, SOx, PM10 or THC, have conditions requiring AB2588 compliance been imposed?

Yes: _____ No: _____

Appl. No. 961744

X. Conclusions and Recommendations

a. Authority to Construct:


Date: 7/8/97

THIS IS BOILER IS BEING PERMITTED AT THIS FACILITY TO COMPLY WITH RULE 69.2. PREVIOUSLY, THIS BOILER WAS EXEMPT PER RULE 11(d)(4)(iv) BECAUSE IT IS LESS THAN 20.0 MM BTU/HR AND IS FIRED EXCLUSIVELY ON NATURAL GAS. THEREFORE NEW SOURCE REVIEW DOES NOT APPLY.

COMPLIANCE CONDITIONS FOR RULE 69.2 NECESSITATES THE NEED FOR A PERMIT.

THE APPLICANT HAS REQUESTED THE COMPLIANCE ALTERNATIVE FOR RULE 69.2 STANDARDS WITH THE TUNING PROCEDURE AND AN ENERGY CAP OF 220,000 THERMS/YEAR (\approx 20.95 MM CFT NG/YR).

IT IS RECOMMENDED THAT AN A/C BE ISSUED WITH THE CONDITIONS OF THE ATTACHED LETTER. BY FOLLOWING THE CONDITIONS OF THE A/C, COMPLIANCE WITH APPLICABLE RULES IS EXPECTED.


Engineer's Signature

b. Permit to Operate:

Date: _____

THE NATURAL GAS FIRED BOILER WAS OBSERVED IN OPERATION ON / / TO BE IN COMPLIANCE WITH ALL APPLICABLE RULES AND REGULATIONS AT THIS TIME.

BASED ON THE ENGINEERING EVALUATION, THERE IS REASONABLE EXPECTATION OF CONTINUOUS COMPLIANCE WITH ALL APPLICABLE DISTRICT RULES AND REGULATIONS. IT IS THEREFORE RECOMMENDED THAT A P.O. BE ISSUED WITH THE ATTACHED CONDITIONS OF BEC NO.

Engineer's Signature

ANALYSIS OF APPLICABLE RULES

RULE 50: VISIBLE EMISSIONS:-

This rule limits air contaminant emission into the atmosphere of shade greater than Ringlemann Number 1, to a maximum aggregate of three minutes in any consecutive sixty minute time period.

Based on District experience, no visible emissions expected from the combustion of Natural Gas in boilers. This boiler was reported to have been installed and operating for several years and no violations with this rule have been recorded.

RULE 51: NO NUISANCE:-

This rule prohibits discharge of air contaminants that cause or have a tendency to cause injury, nuisance, annoyance to people and/or the public or damage to business or property.

This boiler is reported to have been installed and in operation for several years. No complaints from its operation have been received and no potential for significant nuisance, injury or endangerment of people or the public nor damage to business or property is expected from the continued operation of this equipment.

RULE 53(c)(2): PM LIMITS:-

This rule limits the PM emissions from gaseous fuel combustion to less than or equal to 0.1 grains/dscf @ 12% CO₂.

From the emission calculation for the boiler, the emissions are less than the threshold limit.

RULE 62(b)(1): SULFUR IN FUEL:-

This rule limits the sulfur content of gaseous fuel used in stationary fuel burning equipment to ≤ 10 grains of sulfur per 100 DSCF of fuel.

The utility (SDG&E), by its contractual arrangements with its supplier, provides the County with 0.05 grains H₂S/100 dscf NC or less. Therefore, this source is assumed to be in compliance with this rule.

RULE 69.2 (d)(2): ALTERNATIVE TO NO_x & CO STD:

This part of the rule requires that (i) exhaust stack O₂ concentration $\leq 3.0\%$ by vol. or, (ii) the O₂ trim system maintain exhaust stack O₂ $\leq 3.0 \pm 0.15\%$ by vol. or, (iii) annual tuning in accordance with sect. (j) or manufacturer's procedure per APCO's approval or, (iv) comply with the NO_x & CO stds of 30 ppm(v) and 400 ppm(v) @ 3% O₂.

The applicant has requested the annual tuning procedure as the compliance alternative. Since this choice is only available to a boiler with an annual heat input below 220,000 therms, the fuel consumption rate is limited to 21.5 MM cft of NG/yr.

ANALYSIS OF APPLICABLE RULES (contd...)

NEW SOURCE REVIEW - post May '94

RULE 20.2: STATIONARY NON-MAJOR EMISSION SOURCE

This is the only boiler presently being permitted at this facility. It is 10 MM btu/hr and fired exclusively on natural gas and was previously exempt from permitting per Rule 11(d)(4)(iv). Due to Rule 11 change to accomodate Rule 69.2 compliance, a permit is now required.

However, due to previous qualification for a Rule 11 exemption, NSR is not applicable.

UNIQUE CONDITIONS:

- 1) Standard conditions limiting fuel consumption to ≤ 21.5 MM cft NG/yr (per PO condits developed by A Stengel).
- 2) Record keeping of annual fuel consumed to maintain qualification for tuning option in Rule 69.2.
- 3) Perform annual tuning I.A.W. procedute in Rule 69.2 sect (j)
- 4) Maintain records for at least 3 years at the site.

COMPANY NAME
IDEC PHARMACEUTICALS

STREET ADDRESS
11011 TORREYANA

CITY
SAN DIEGO

STATE
CA

ZIP

PHONE (KEY CONTACT)
Lisa Stewart

SOURCE ID NUMBER

PROCESS EQUIPMENT
6.3 MMBtu/hr Steam Boiler

OPERATING MODE

CONTROL EQUIPMENT
None

OPERATING MODE

DESCRIBE EMISSION POINT
Exh Stack on roof

25

HEIGHT ABOVE GROUND LEVEL
25'

HEIGHT RELATIVE TO OBSERVER
Start **-6'** End **-6'**

DISTANCE FROM OBSERVER
Start **50'** End

DIRECTION FROM OBSERVER
Start End

DESCRIBE EMISSIONS
Start **Clear** End **Clear**

EMISSION COLOR
Start **None** End

IF WATER DROPLET PLUME
Attached Detached

POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED
Start **6" above Exh Stack** End

DESCRIBE PLUME BACKGROUND
Start **Building** End **Building**

BACKGROUND COLOR
Start **White** End

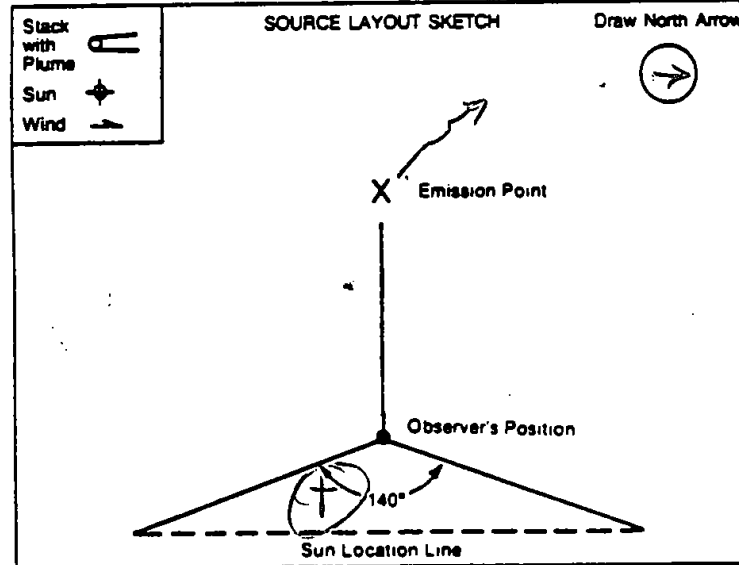
SKY CONDITIONS
Start **Clear** End

WIND SPEED
Start **0-2 MPH** End

WIND DIRECTION
Start End

AMBIENT TEMP
Start **75°F** End

WET BULB TEMP RH, percent



ADDITIONAL INFORMATION

OBSERVATION DATE		START TIME				END TIME
8-26-97		11:06				
SEC	0	15	30	45	COMMENTS	
MIN						
1	0	0	0	0		
2	0	0	0	0		
3	0	0	0	0		
4	0	0	0	0		
5	0	0	0	0		
6	0	0	0	0		
7	0	---	---	---	End Test	
8						
9						
10						
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29						
30						

OBSERVER'S NAME (PRINT)
AUSTEN D'LIMA

OBSERVER'S SIGNATURE
[Signature]

DATE
8/26/97

ORGANIZATION
San Diego APCD

CERTIFIED BY
CARB

DATE

8/26/97

Boiler: Parker Boiler Co., Mod s/N 42645, 6.3 MM
Btu/hr, 150 HP

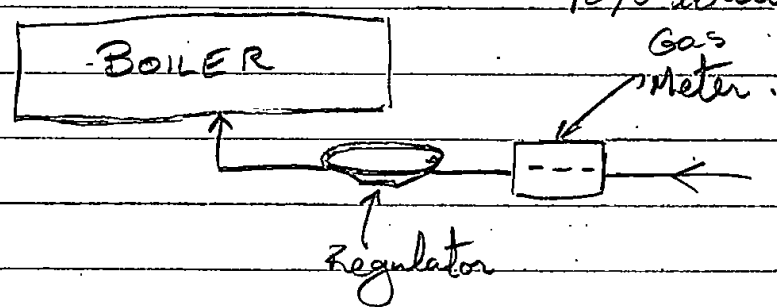
Gas Flow Meter: American Meter Co., GT-3, S/N
96-7717, 275 PSI MAOP, 10,000 CFH.

The SDG&E gas meter is used by other equip @
Facility ^{also} observed flow rate.

$$9.6 \text{ CFH} \times \frac{10000 \text{ Btu/CF}}{10000 \text{ Btu/CF}} \times 1000 \frac{\text{Btu}}{\text{CF}} \times 60 \frac{\text{Min}}{\text{hr}}$$

$$\begin{array}{r} 96000 \times \\ \underline{60} \\ 0000 \\ 576000 \times \\ \hline 576 \text{ MM} \end{array}$$

$$\frac{6.3 \text{ MM}}{5.8 \text{ MM}} > 80\%$$



FROM APPLICATION: Applicant: **DEC PHARMACEUTICALS** Equipment Address: **11011 TORREYANA RD, SAN DIEGO, CA 92121**

Application: **961744** ID: **92162 A**

Make: **PARKER** Model: **L05-I-ATM GAS** Type:

Equipment: Low NOx Burner: **NO** FGR: **NO** Oxygen Trim: **NO** Other:

Performance: Heat Input: **7** MMBtu/ophr => **70** therms/hr Exhaust Temp: °F Exhaust Rate: scfm

Schedule: **24** ophr/day **7** opday/wk **52** opwk/yr **365** opday/yr **8760** ophr/yr

Fuel Rate: **7.0** MMBtu/ophr + **22,667** btu/lb fuel = **308.8** lbs NG/ophr
 and **7.0** MMBtu/ophr + **1,020** btu/dscf fuel = **6.863** M dscf NG/ophr

EMISSION RATES: Ref.

NOx	lb/ophr	gm/ophr	lb/MMcft	ppm(v) @ 3% O2 (as NO2)
CO	lb/ophr	gm/ophr	lb/MMcft	ppm(v) @ 3% O2
NMHC	lb/ophr	gm/ophr	lb/MMcft	ppm(v) @ 3% O2 (as CH4) [adjust THC to NMHC]
PM10	lb/ophr	gm/ophr	lb/MMcft	

DEFAULT EMISSION RATES: Ref. **from EPA AP-42, Table 1.4-1, 10/96, uncontrolled: industrial boilers, >10MM btu/hr and Commercial boilers, <10MM btu/hr.**

	Industrial Boilers	Commercial Boilers	
NOx	140 lb/MMcft NG	100 lb/MMcft NG	
CO	35 lb/MMcft NG	21 lb/MMcft NG	
NMHC	2.78 lb/MMcft NG	2.78 lb/MMcft NG	[adjusted by 52% for CH4 in NG]
PM10	7.8 lb/MMcft NG	7.4 lb/MMcft NG	
SOx	0.134 lb/MMcft NG	0.134 lb/MMcft NG	[adjusted to 0.05 grains H2S/100 dscf NG]

$$S \text{ with } \frac{10.0 \text{ gr (H2S)}}{100 \text{ DSCF}} \times \frac{32 \text{ grain (S)}}{34 \text{ grain (H2S)}} \times \frac{1 \text{ lbs}}{7000 \text{ grain}} \times \frac{385.4 \text{ cft}}{34.0 \text{ lbs}} \times 10^6 = 152.4 \text{ ppmw sulfur (S) in fuel @ 68°F}$$

$$SOx \text{ } 152.4 \text{ ppm(w) S in fuel} \times 308.8 \text{ lbs NG/hr} \times \frac{64 \text{ lb SOx}}{32 \text{ lb S}} = 0.094 \text{ lbs SOx/hr}$$

CALCULATED NORMAL EMISSIONS: **0.05** grains sulfur as H2S/100 dscf Natural Gas; the SDG&E gas analysis value.

	lbs/MMcft NG	x	6863 dscf NG/hr	+ 10 ⁶	=	lbs/hr	x	24 hrs/day	=	lbs/day	x	8760 hrs/yr	+ 2000 lbs/ton	=	tons/yr
NOx	100.00					0.69				16.560					3.022
CO	21.00					0.14				3.360					0.613
NMHC	2.78					0.02				0.480					0.088
PM10	7.40					0.05				1.200					0.219
SOx	0.094					0.000				0.000					0.000

CALCULATED NSR EMISSIONS: with **0.05** grains sulfur as H2S/100 dscf Natural Gas up to the Rule 62 limit of 10 grains.

NOT APPLICABLE

	lb/hr	x	24 hrs/day	=	lbs/day	x	130 days/yr	+ 2000 lbs/ton	=	tons/yr
NOx	0.690				16.56					1.076
CO	0.140				3.36					0.218
NMHC	0.020				0.48					0.031
PM10	0.050				1.20					0.078
SOx	0.000				0.00					0.000

CALCULATED RULE 53 DISCHARGE: with normal emissions the particulate discharge concentration @ 12% CO2 is:
 7000 grains/lb x **0.05** lb PM/hr + **308.8** lb NG/hr + 199 dscf exhaust/lb fuel = **0.006** grains PM/dscf exhaust.

THERM USAGE: **70.0** therms/hr x **24** hrs/day = **1,680** therms/day x **130** days/yr = **218.4** M therms/yr.

FUEL USAGE: **6.86** M dscf NG/hr x **24** hrs/day = **165** M dscf NG/day x **130** days/yr = **21.40** MM dscf NG/yr

COMMENTS:

- 1 THERM = 100,000 BTU/HR.
- THE ANNUAL FUEL CONSUMPTION RATE & OPERATING TIME IS A RESULT OF STAYING BELOW THE 220,000 THERMS/YR HEAT INPUT RATE FOR RULE 69.2 ALTERNATIVE COMPLIANCE.
- DUE TO RULE 11 CHANGE (NG FIRED & < 20 MMBTU/HR) THIS BOILER NOW REQUIRES A PERMIT. HOWEVER, IT IS NOT SUBJECT TO NSR.

Calculation Constants: District standard conditions are 68°F and 14.7 psia; Natural Gas density is 0.045 lb/dscf and air density is 0.0752 lb/dscf; total heat of combustion (HHV) is 22,667 btu/lb and 1020 btu/dscf; live exhaust is 234 dscf/lb fuel @ 3% O2 and 199 dscf/lb fuel @ 12% CO2.



Air Pollution Control Board

Greg Cox	District 1
Dianne Jacob	District 2
Pam Slater	District 3
Ron Roberts	District 4
Bill Horn	District 5

Air Pollution Control District

R. J. Sommerville Director

August 6, 1997

GORDON MEACHAM
IDEC PHARMACEUTICALS CORP
11011 TORREYANA RD
SAN DIEGO CA 92121

Dear Mr. Meacham:

After examination of your Application No. 961744 for Air Pollution Control District Authority to Construct/Permits to Operate a natural gas fired boiler located at 11011 Torreyana Road, San Diego, California, the District has decided on the following action:

Authority to Construct is granted pursuant to Rule 20 of the Air Pollution Control District Rules and Regulations for the equipment consisting of:

Water-tube boiler: One (1) Thermo Pak Boiler, Model GW-D 10000, 10 MM BTU/hr, natural gas fired, water-tube boiler.

This Authority to Construct is granted with the following conditions:

1. The installation and operation of the boiler and any emission controls shall be limited to the equipment described above and operations shall be in accordance with all the conditions stated herein.
2. Permittee shall provide access, facilities, utilities, and any necessary safety equipment for source testing and inspection upon request of the Air Pollution Control District.
3. This boiler shall be tuned at least once per year in accordance with the tuning procedure outlined in District Rule 69.2(j). The permittee shall be responsible for all boiler tuning and costs incurred.
4. This boiler shall be operated on natural gas only. No other fuel shall be used without prior written authorization from the District.

5. The natural gas consumption rate of the boiler shall not exceed 21.5 million cubic feet per calendar year. This rate is equivalent to 220,000 therms.
6. The fuel for this boiler shall flow through a permanently installed, non-resettable, totalizing gas meter to measure the fuel consumed by the boiler. The gas meter shall measure and display the cubic feet of fuel consumed and shall either (i) be self correcting to standard conditions, (ii) display meter gas pressure and temperature data, or (iii) be a standard gas meter installed by the serving utility specifically for this boiler or the entire facility. In cases where other equipment are also connected to the gas meter, the fuel rates displayed by the meter will assumed to have been consumed by this boiler.
7. The natural gas meter readings and where appropriate, the temperature and gas pressure shall be recorded in a log at least monthly. The cubic feet of gas consumed in the month shall be calculated and also recorded in the log. The most recent three years of log entries shall be maintained onsite and be readily available for District review upon request.
8. Upon completion of installation, a field inspection by the District shall be scheduled.

This Air Pollution Control District Authority to Construct does not relieve the holder from obtaining permits or authorizations which may be required by other governmental agencies.

This is not a Permit to Operate. Please notify the Air Pollution Control District as soon as the equipment is installed in accordance with this Authority to Construct so it may be evaluated for a Permit to Operate. Operation of this equipment without written authorization to do so will be a violation of Rule 10(b) and will be subject to civil and criminal penalties.

This Authority to Construct authorizes temporary operation of the above specified equipment. This temporary Permit to Operate shall take effect upon written notification to the District that construction has been completed in accordance with this Authority to Construct. This temporary Permit to Operate will remain in effect, unless withdrawn or modified by the District, until the equipment is inspected by the District and a revised temporary permit (Startup Authorization) is issued or a Permit to Operate is granted or denied.

August 6, 1997

-3-

Upon completion of construction in accordance with this Authority to Construct and prior to commencing operation, the applicant must complete and mail, deliver personally or via facsimile the enclosed Construction Completion Notice to the District. After submitting the Notice, the applicant may commence operation of the equipment. Operation must be in compliance with all of the conditions of this Authority to Construct and applicable District rules.

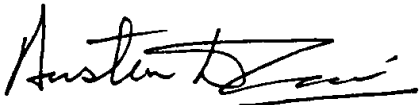
This Authority to Construct shall be posted on or within 25 feet of the above described equipment, or maintained readily available at all times on the operating premises.

Within ten days after receipt of this Authority to Construct, the applicant may petition the Hearing Board for a hearing on any conditions imposed herein in accordance with Rule 25.

This Authority to Construct will expire one year from the date of this letter.

If you have any questions regarding this action, please contact the undersigned at (619) 694-3317.

Sincerely,



AUSTEN D'LIMA
Air Pollution Control Engineer

AD:jk

cc: Compliance Division

CONSTRUCTION COMPLETION NOTICE

San Diego County Air Pollution Control District
9150 Chesapeake Drive
San Diego, CA 92123-1096
(619) 694-3307
FAX: (619) 694-2730 or 694-3858

Please complete the bottom portion of this Notice and fax or mail it to the APCD. The following information has been included based on your application information. Please note any corrections to this information.

COMPANY NAME (DBA): IDEC PHARMACEUTICALS APPLICATION #: 961744

EQUIPMENT ADDRESS: 11011 TORREYANA ROAD
 SAN DIEGO, CA

TYPE OF EQUIPMENT: WATER-TUBE BOILER
 THERMO PAK BOILER
 MODEL GW-D 10,000

APCD PROJECT ENGINEER: AUSTEN D'LIMA TELEPHONE: (619) 694-3317

APPLICANT USE ONLY:

DATE CONSTRUCTION WAS COMPLETED: _____

PERSON PROVIDING NOTIFICATION (Please Print): _____

DATE OF NOTIFICATION: _____ SIGNATURE: _____

APCD Use

VAX entry date: _____

DATE RECEIVED:

REQUEST FOR NEW OR MODIFIED BASIC EQUIPMENT CODE (BEC)

COMPANY NAME: IDEC PHARMACEUTICALS CORP.		DATE: 7/24/98	DATE ENTERED IN VAX: 7.28.98
APPLICATION/PO NO: 961744		FEE SCHEDULE: 13A	INITIALS: ML
BEC NO.	BEC DESCRIPTION	EXISTING AND/OR "NEW" CONDITION NOS. LISTED ALL IN ORDER TO APPEAR ON PO (e.g., 11031, 11032, NEW1, 10942, NEW2)	ENGR. SECTION, DATE (C, M, TX, VR, SP)
LIST EXISTING BEC NO. OR INDICATE NEW BEC:	BOILER: 150 BHP, 6.3 MMBTU/HR < 220,000 THERMS/YR	NEW1, 10, NEW2, 22627, NEW3, NEW4, NEW5	AC
			MECH
			7/24/98
			<i>[Signature]</i>
INDICATE IF "NEW" OR IF CHANGED, LIST CONDITION NO.	NEW/CHANGED CONDITION LANGUAGE. IF NEW LIST IN ORDER TO APPEAR ON PO OR ATTACH LIST		
NEW1 22924	THE INSTALLATION AND OPERATION OF THE BOILER AND ANY EMISSION CONTROLS SHALL BE LIMITED TO THE EQUIPMENT DESCRIBED ABOVE AND OPERATIONS SHALL BE IN ACCORDANCE WITH ALL THE CONDITIONS STATED HEREIN.		
NEW2 22925	THE BOILER SHALL BE OPERATED ON NATURAL GAS ONLY. NO OTHER FUEL SHALL BE USED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE DISTRICT.		
NEW3 22926	NATURAL GAS CONSUMPTION SHALL NOT EXCEED 220,000 THERMS PER CALENDAR YEAR (AMOUNT EQUAL TO 16,094,356 CUBIC FEET OF NATURAL GAS PER CALENDAR YEAR, BASED ON A HEATING VALUE OF 1020 BTU/SCF AND A GAUGE PRESSURE OF 5 PSI).		
NEW4 22927	THE BOILER SHALL BE TUNED AT LEAST ONCE PER YEAR IN ACCORDANCE WITH THE TUNING PROCEDURE OUTLINED IN DISTRICT RULE 69.2 (SECTION D). THE PERMITTEE SHALL BE RESPONSIBLE FOR ALL BOILER TUNING AND COST INCURRED.		
NEW5 22928	ALL RECORDS REQUIRED BY THIS PERMIT, INCLUDING MONTHLY FUEL USAGES AND TUNE-UP DOCUMENTATION, SHALL BE MAINTAINED ON SITE FOR A MINIMUM OF THREE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.		



file
Air Pollution Control Board
Greg Cox District 1
Dianne Jacob District 2
Pam Slater District 3
Ron Roberts District 4
Bill Horn District 5

Air Pollution Control District
R. J. Sommerville Director

May 27, 1997

LISA STOVALL
IDEC PHARMACEUTICALS CORP
11011 TORREYANA RD
SAN DIEGO CA 92121

EQUIPMENT ADDRESS: SAME AS ABOVE

APPLICATION STATUS

The application for an Authority to Construct and Permit to Operate for a 150 HP boiler, was received at the District on April 15, 1997. It has been assigned Application No. 961744.

As of May 14, 1997, this application is considered complete. Evaluation for permitting this equipment will proceed. Please note that during the permitting process, you may be contacted for clarification and amplification of information to proceed further with the application evaluation.

Please be advised that installation and operation of this equipment without written authorization is a misdemeanor subject to fines or penalties up to \$1,000 a day. This is not a Permit to Operate or an Authority to Construct. If you have any questions, please contact the undersigned at (619) 694-3317.

AUSTEN D'LIMA
Air Pollution Control Engineer

AD:jk

COUNTY OF SAN DIEGO
AIR POLLUTION CONTROL DISTRICT

CONTACT MEMORANDUM

Date 5/12/98 Time _____ Project A/N 961744
Subject PHONE CALL FROM LISA STOVALL
Contact _____ Telephone 550-8742
Organization IDEC PHARMACEUTICALS

Discussion _____
MS. STOVALL CALLED TO INFORM ME THAT THE GAS METER READS
A VOLUMETRIC FLOW RATE AND THE PRESSURE IN THE LINE IS 5 PSI
(DROPPING TO 7 PSI AT THE BOILER).

I TOLD MS. STOVALL THAT I WOULD TRY TO HAVE HER S/A BY THE
END OF THE MONTH.

Conclusions/Follow on work to be done ADJUST MAX. FUEL RATE : $V_{base} = \left(\frac{P_{flow}}{14.7} \right) \left(\frac{T_{base}}{T_{flow}} \right) V_{flow}$

$\Rightarrow V_{flow} = \left(\frac{14.7}{14.7+5} \right) V_{base}$
where V_{base} is derived from 220,000 $\frac{therms}{yr}$

Staff Representative (Signature) AC

TELECON MEMO

Date: 8-27-97 Time: _____ Project: 6.3MM BTU/hr Steam Boiler

Subject: Correction factor for the gas meter.

Contact: Lisa Stovall Telephone No.: 550-8651

Organization: Idec Pharmaceuticals.

Discussion: Called Lisa Stovall to discuss the following:

1) What is the dedicated gas meter correction factor?

2) What is the pressure in the line to the boiler?

Conclusions/Follow on work to be done: _____



Air Pollution Control Board
Greg Cox District 1
Dianne Jacob District 2
Pam Slater District 3
Ron Roberts District 4
Bill Horn District 5

Air Pollution Control District
R. J. Sommerville Director

May 27, 1997

LISA STOVALL
IDEC PHARMACEUTICALS CORP
11011 TORREYANA RD
SAN DIEGO CA 92121

EQUIPMENT ADDRESS: **SAME AS ABOVE**

APPLICATION STATUS

The application for an Authority to Construct and Permit to Operate for a 150 HP boiler, was received at the District on April 15, 1997. It has been assigned Application No. 961744.

As of May 14, 1997, this application is considered complete. Evaluation for permitting this equipment will proceed. Please note that during the permitting process, you may be contacted for clarification and amplification of information to proceed further with the application evaluation.

Please be advised that installation and operation of this equipment without written authorization is a misdemeanor subject to fines or penalties up to \$1,000 a day. This is not a Permit to Operate or an Authority to Construct. If you have any questions, please contact the undersigned at (619) 694-3317.

AUSTEN D'LIMA
Air Pollution Control Engineer

AD:jk



11011 TORREYANA ROAD
SAN DIEGO, CALIFORNIA 92121
619/550-8500 • FAX 619/550-8750

April 1, 1997

County of San Diego
Air Pollution Control District
9150 Chesapeake Drive
San Diego, CA 92123-1096

Re: Permit for steam boiler

Dear Sir or Madam:

Enclose you will find the required application and fee associated with a request for a Permit to operate a gas fired boiler. Due to changes in Rule 11, this boiler now falls within the scope of Rule 69.2(d)(2).

In operating this unit, IDEC intends to comply with section (d)(2)(iii) regarding the performance of annual tune-ups on the unit.

Should you have any questions, you can reach me at 619/550-8742 or Mark Thompson at 619/550-8613.

Thank you for your time.

Sincerely,

A handwritten signature in cursive script that reads "Lisa Stovall".

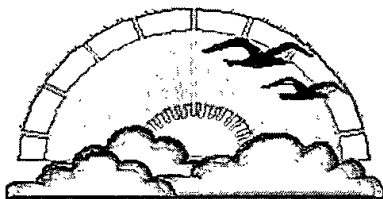
Lisa Stovall
Maintenance Supervisor

Attachments

cc: Mark Thompson
Gordon Meacham

PERMIT RENEWAL TEST
(FOR PERMIT YEAR: MAY 2005 - MAY 2006)

Monitoring and Technical Services
10124 Old Grove Road
San Diego, CA 92131



AIR POLLUTION CONTROL DISTRICT
COUNTY OF SAN DIEGO

**Nitrogen Oxides & Carbon Monoxide
Emissions Summary Report**

SITE: Tanox West Inc. **MAIL ADDRESS:** Tanox West Inc.
 Steam Boiler 11011 Torreyana Road
LOCATION: 11011 Torreyana Road San Diego, CA 92121
 San Diego, CA 92121 Attn: Judi Gaither
P/O NUMBER: 961744
ID NUMBER: 92162A **TEST DATE:** 11-Apr-06
EQUIPMENT: Parker Industrial steam boiler, 150 hp, 6.3 MMBtu/hr,
 S/N 42645 natural gas fired, with a low NOx burner.
 Parker Industrial model, Premix Metal Fiber

REPORT BY: Ian K. Morris **REPORT DATE:** 3-May-06

APCD PERSONNEL: Ian Morris & Sterling Ross

SITE PERSONNEL: Bob Fischer

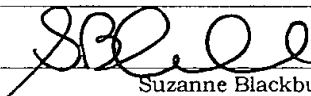
APPROVED BY: 
 Suzanne Blackburn, Senior Chemist

Table 1. Summary of Results - NOx and CO Stack Emissions Corrected to 3% O2

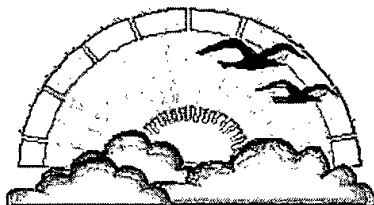
	TEST	PERMIT LIMITS	PERFORMANCE	HOURS OF TEST
NOx (ppm)	18	30	PASS	0.75
CO (ppm)	7	400	PASS	0.75
Fuel	Natural Gas @ 5778 scfh **			
Boiler firing rate (%)	93*			

* 93% firing rate based on manual quadrant setting

** Fuel usage calculated from boiler firing rate (see engineering report)

GRM, 27-Feb-03, v3.8

TEST REFERENCE: This testing was performed in accordance with the San Diego Air Pollution Control District Method 100: "Test Procedures For The Determination of Nitrogen Oxides, Carbon Monoxide and Diluent Gases by Continuous Emission Monitoring."



AIR POLLUTION CONTROL DISTRICT
COUNTY OF SAN DIEGO

SOURCE TEST ENGINEERING REPORT

SITE : Tanox West Inc.
Steam Boiler

PO# : 961744

DATE : 11-Apr-06

APCD PERSONNEL : Ian K. Morris

EQUIPMENT : Parker Industrial steam boiler, 150 hp, 6.3 MMBtu/hr,
S/N 42645 natural gas fired, with a low NOx burner.
Parker Industrial model, Premix Metal Fiber

OPERATING PARAMETERS

	RUN 1	RUN 2	RUN 3	AVERAGE
FIRING RATE (%)*	93	93	93	93
STEAM PRESSURE (psi)	85 - 90	95 - 100	80 - 90	80 - 100
FUEL FLOW (scfh)**	5778	5778	5778	5778
FUEL FLOW (acfh)***	5897	5654	5631	5727

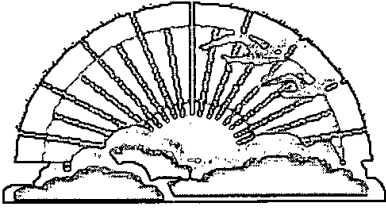
* Firing rate is indicated by a pointer bar on a quadrant with 15 divisions. During emissions testing a blow-off valve was opened and the boiler run with the pointer bar manually set at 14 on the quadrant.

** Calculated from 80 % Btu/hr input: [$0.8 \times 6.3 \text{ MM Btu/hr} / 1014 \text{ (btu/scf)}$]

*** The boiler has a dedicated fuel meter but the numerical increments are set at 1,000 cu.ft and so during a 15 minute test there is no numerical change on the meter display. An uncorrected roots meter on the gas delivery line provides gas usage in actual cu. ft. but the gas line pressure is not known therefore correction to standard conditions is not possible.

INITIAL COMPLIANCE TEST

(APP #: 975049)



AIR POLLUTION CONTROL DISTRICT
COUNTY OF SAN DIEGO

Monitoring and Technical Services
9150 Chesapeake Drive
San Diego, CA 92123

Nitrogen Oxides & Carbon Monoxide Emissions Summary Report

SITE: IDEC Pharmaceuticals Corporation
(Boiler)

MAIL ADDRESS: Mark Thompson
IDEC Pharmaceuticals Corporation
11011 Torreyana Road
San Diego, CA 92121.

LOCATION: 11011 Torreyana Road
San Diego, CA 92121.

P/O NUMBER: 961744 (APP #: 975049)
ID #: 92162A

TEST DATE: 15-May-01

EQUIPMENT: Steam boiler, Parker Industrial, 150 hp, 6.3 MMBtu/hr, natural gas fired, s/n 42645: with a low-NOx burner,
Parker Industrial, model Premix Metal Fibre.

REPORT BY: G.R.Mortimore

DATE: 15-May-01

APCD PERSONNEL: G.R.Mortimore, G.Allphin

SITE PERSONNEL: Wes Karch


APPROVED BY: 
Suzanne Blackburn, Senior Chemist

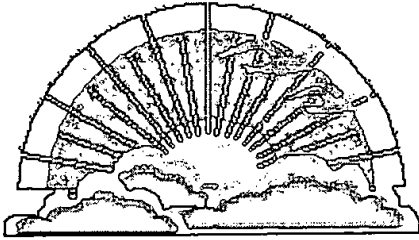
Table 1. Summary of Results - NOx and CO Stack Emissions Corrected to 3% O2

	TEST	PERMIT LIMITS	PERFORMANCE	HOURS OF TEST
NOx (ppm)	16	30	PASS	0.75
CO (ppm)	5	400	PASS	0.75
Fuel	Natural gas @ 6262 scfh*			
Boiler firing rate (% of max.)	100			

* Calculated from firing rate - see Engineering Report.

TEST REFERENCE: This testing was performed in accordance with the San Diego Air Pollution Control District Method 100: "Test Procedures For The Determination of Nitrogen Oxides, Carbon Monoxide and Diluent Gases by Continuous Emission Monitoring."

GRM, 26-July-00, V 3.5



AIR POLLUTION CONTROL DISTRICT

COUNTY OF SAN DIEGO

SOURCE TEST ENGINEERING REPORT

SITE : IDEC Pharmaceuticals Corporation
(Boiler)
PO# : 961744 (APP#: 975049)
DATE : 15-May-01)
APCD PERSONNEL : G.R.Mortimore

EQUIPMENT: Steam boiler, Parker Industrial, 150 hp, 6.3 MMBtu/hr, natural gas fired, s/n 42645: with a low-NOx burner, Parker Industrial, model Premix Metal Fibre.

OPERATING PARAMETERS

	RUN #1	RUN #2	RUN #3	AVERAGE
FIRING RATE*	100	100	100	100
FUEL FLOW (acft)**	5623	5623	5540	5595
FUEL FLOW (scf)***	6262	6262	6262	6262

* Firing rate is indicated by a pointer on a quadrant with 15 divisions. During testing a steam blow-off valve was opened which resulted in the boiler running at full fire with the pointer indicating 15 on the quadrant.

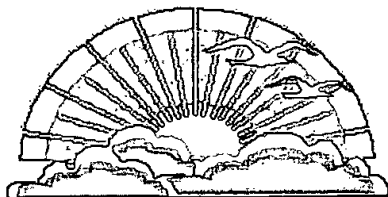
** This number is derived from timing fuel flow using the meter in the gas delivery line. This appears to be actual cubic feet. The line gas pressure is not known, therefore standard cubic feet flow cannot be determined.

*** This number is calculated from the firing rate and the Btu content of natural gas (1006 Btu/scf)

RENEWAL TEST

(FOR PERMIT YEAR:

May 2003 - April 2004)



AIR POLLUTION CONTROL DISTRICT
COUNTY OF SAN DIEGO

Monitoring and Technical Services
9150 Chesapeake Drive
San Diego, CA 92123

Nitrogen Oxides & Carbon Monoxide Emissions Summary Report

SITE: IDEC Inc. **MAIL ADDRESS:** Peter Kruker
IDEC Inc.
LOCATION: 11011 Torreyana Road Environmental Health & Safety
San Diego, CA 92121 11011 Torreyana Road
San Diego, CA 92121
P/O NUMBER: 961744
ID #: 92162A **TEST DATE:** 4-Jun-03
EQUIPMENT: Parker Industrial steam boiler, 150 hp, 6.3 MMBtu/hr, S/N 42645
natural gas fired, with a low NOx burner.
Parker Industrial model Premix Metal Fiber

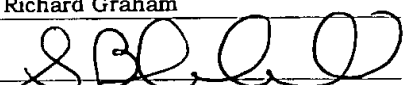
REPORT BY: G.R.Mortimore **DATE:** 4-Jun-03
APCD PERSONNEL: G.R.Mortimore, G.Allphin, S.Ross
SITE PERSONNEL: Richard Graham
APPROVED BY: 
Suzanne Blackburn, Senior Chemist

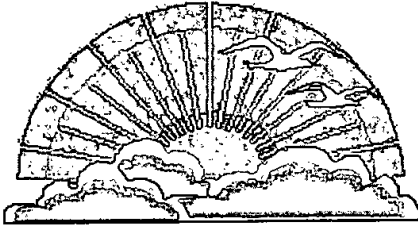
Table 1. Summary of Results - NOx and CO Stack Emissions Corrected to 3% O2

	TEST	PERMIT LIMITS	PERFORMANCE	HOURS OF TEST
NOx (ppm)	21	30	PASS	0.75
CO (ppm)	3	400	PASS	0.75
Fuel	Natural gas @ 6293 scfh*			
Firing Rate (as % of max)	100			

* Calculated from firing rate.

TEST REFERENCE: This testing was performed in accordance with the San Diego Air Pollution Control District Method 100: "Test Procedures For The Determination of Nitrogen Oxides, Carbon Monoxide and Diluent Gases by Continuous Emission Monitoring."

GRM, 27-Feb-03, v3.8



AIR POLLUTION CONTROL DISTRICT
COUNTY OF SAN DIEGO

SOURCE TEST ENGINEERING REPORT

SITE : Idec Pharmaceuticals
Parker Boiler
PO# : 961744
DATE : 4-Jun-03
APCD PERSONNEL : G.R.Mortimore

EQUIPMENT : Parker Industrial steam boiler, 150 hp, 6.3 MMBtu/hr, S/N 42645
natural gas fired, with a low NOx burner.
Parker Industrial model Premix Metal Fiber

OPERATING PARAMETERS

RUN 1 RUN 2 RUN 3 AVERAGE

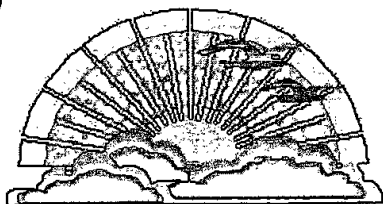
	RUN 1	RUN 2	RUN 3	AVERAGE
FUEL FLOW (scfh) *	6293	6293	6293	6293
FIRING RATE (% of max)	100%	100%	100%	100%
STEAM PRESSURE (psi)	80-100	80-100	80-100	80-100

* Firing rate is indicated by a pointer bar on a quadrant with 15 divisions. During emissions testing a blow-off valve was opened which resulted in the boiler running at full fire with the pointer bar indicating 15 on the quadrant. The fuel flow is calculated from the set 100% firing rate and the Btu content of natural gas (1014 Btu/scf)

The boiler has a dedicated fuel meter but the numerical increments are set at 1,000 cu.ft and so during a 15 minute test there is no numerical change on the meter display.

RENEWAL TEST

(FOR PERMIT YEAR: MAY 2004 to APRIL 2005)



AIR POLLUTION CONTROL DISTRICT
COUNTY OF SAN DIEGO

Monitoring and Technical Services
9150 Chesapeake Drive
San Diego, CA 92123

Nitrogen Oxides & Carbon Monoxide Emissions Summary Report

SITE:	Biogen Idex Inc. → <i>TANOK</i>	MAIL ADDRESS:	Biogen Idex Inc. One Antibody Way Oceanside, CA 92054 Attention: Peter Krucker Environmental Health & Safety
LOCATION:	11011 Torreyana Road San Diego, CA 92121		
P/O NUMBER:	961744		
ID #:	92162A	TEST DATE:	1-Jul-04
EQUIPMENT:	Parker Industrial steam boiler, 150 hp, 6.3 MMBtu/hr. S/N 42645 natural gas fired, with a low NOx burner. Parker Industrial model, Premix Metal Fiber		

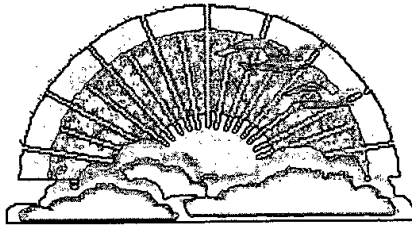
REPORT BY:	Ian K. Morris	REPORT DATE:	8-Jul-04
APCD PERSONNEL:	Ian Morris & John Such		
SITE PERSONNEL:	Norman Schuck (Parker Boiler Co.)		
APPROVED BY:	 Suzanne Blackburn, Senior Chemist		

Table 1. Summary of Results - NOx and CO Stack Emissions Corrected to 3% O2

	TEST	PERMIT LIMITS	PERFORMANCE	HOURS
NOx (ppm)	19	30	PASS	0.75
CO (ppm)	10	400	PASS	0.75
Fuel	Natural gas @ 4970 SCFH*			
Boiler Firing Rate (% of max)	80%			

** Calculated from firing rate (see eng. Report)

GRM, 27-Feb-03, v3.8



AIR POLLUTION CONTROL DISTRICT
COUNTY OF SAN DIEGO

SOURCE TEST ENGINEERING REPORT

SITE : Biogen Idec Inc.
Boiler No.1

PO# : 961744

DATE : 1-Jul-04

APCD PERSONNEL : Ian K. Morris

EQUIPMENT : Parker Industrial steam boiler, 150 hp, 6.3 MMBtu/hr,
S/N 42645 natural gas fired, with a low NOx burner.
Parker Industrial model, Premix Metal Fiber

OPERATING PARAMETERS

	RUN 1	RUN 2	RUN 3	AVERAGE
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FIRING RATE (%)*	80	80	80	80
STEAM PRESSURE (psi)	80-90	80-90	80-90	80-90
FUEL FLOW (scfh)**	4970	4970	4970	4970
FUEL FLOW (acfh)***	5455	5538	5538	5510

* Firing rate is indicated by a pointer bar on a quadrant with 15 divisions. During emissions testing a blow-off valve was opened and the boiler run with the pointer bar set at 12 on the quadrant.

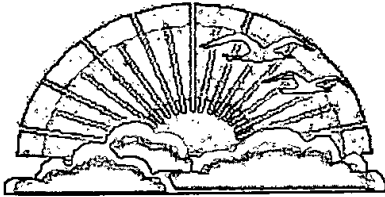
** Calculated from 80 % Btu/hr input: [$0.8 \times 14.7 \text{ MM Btu/hr} / 1014 \text{ (btu/scf)}]$

*** The boiler has a dedicated fuel meter but the numerical increments are set at 1,000 cu.ft and so during a 15 minute test there is no numerical change on the meter display. An uncorrected roots meter on the gas delivery line provides gas usage in actual cu. ft. but the gas line pressure is not known therefore correction to standard conditions is not possible.

*Hand delivered
1-14-02
by EM*

RENEWAL TEST

(FOR PERMIT YEAR: MAY 2002 - APRIL 2003)



AIR POLLUTION CONTROL DISTRICT
COUNTY OF SAN DIEGO

Monitoring and Technical Services

9150 Chesapeake Drive
San Diego, CA 92123

Nitrogen Oxides & Carbon Monoxide Emissions Summary Report

SITE: IDEC Inc. **MAIL ADDRESS:** Sharon Vidal
 IDEC Inc.
 Environmental Health & Safety
 11011 Torreyana Road
 San Diego, CA 92121

LOCATION: 11011 Torreyana Road
 San Diego, CA 92121

P/O NUMBER: 961744
ID NUMBER: 92162A **TEST DATE:** 20-Dec-02

EQUIPMENT: Parker Industrial steam boiler, 150 hp, 6.3 MMBtu/hr, S/N 42645
 natural gas fired, with a low NOx burner.
 Parker Industrial model Premix Metal Fiber

REPORT BY: I. K. Morris **REPORT DATE:** 20-Dec-02

APCD PERSONNEL: Ian K. Morris & Guy Allphin

SITE PERSONNEL: Sharon Vidal

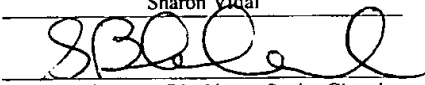
APPROVED BY: 
 Suzanne Blackburn, Senior Chemist

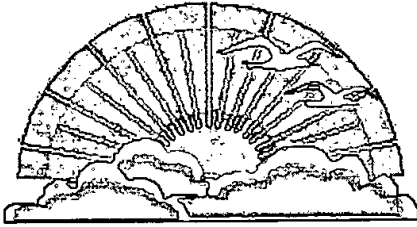
Table 1. Summary of Results - NOx and CO Stack Emissions Corrected to 3% O2

	TEST	PERMIT LIMITS	PERFORMANCE	HOURS OF TEST
NOx (ppm)	16	30	PASS	0.75
CO (ppm)	22	400	PASS	0.75
Fuel	Natural Gas @ 6207 scfh *			
Firing Rate (as % of max)	100% *			

* Firing rate is indicated by a pointer bar on a quadrant with 15 divisions. During emissions testing a blow-off valve was opened which resulted in the boiler running at full fire with the pointer bar indicating 15 on the quadrant. The fuel flow is calculated from the set 100% firing rate and the Btu content of natural gas (1015 Btu/scf)

TEST REFERENCE: This testing was performed in accordance with the San Diego Air Pollution Control District Method 100: "Test Procedures For The Determination of Nitrogen Oxides, Carbon Monoxide and Diluent Gases by Continuous Emission Monitoring."

GRM, 30-June-00, V 3.4



AIR POLLUTION CONTROL DISTRICT

COUNTY OF SAN DIEGO

SOURCE TEST ENGINEERING REPORT

SITE : Idec Pharmaceuticals
Parker Boiler
PO# : 961744
DATE : 20-Dec-02
APCD PERSONNEL : Ian K. Morris

EQUIPMENT : Parker Industrial steam boiler, 150 hp, 6.3 MMBtu/hr, S/N 42645
natural gas fired, with a low NOx burner.
Parker Industrial model Premix Metal Fiber

OPERATING PARAMETERS

	RUN 1	RUN 2	RUN 3	AVERAGE
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	RUN 1	RUN 2	RUN 3	AVERAGE
FUEL FLOW (scfh) *	6207	6207	6207	6207
FIRING RATE (% of max)	100%	100%	100%	100%
STEAM PRESSURE (psi)	94	101	98	98

* Firing rate is indicated by a pointer bar on a quadrant with 15 divisions. During emissions testing a blow-off valve was opened which resulted in the boiler running at full fire with the pointer bar indicating 15 on the quadrant. The fuel flow is calculated from the set 100% firing rate and the Btu content of natural gas (1015 Btu/scf)

The boiler has a dedicated fuel meter but the numerical increments are set at 1,000 cu.ft and so during a 15 minute test there is no numerical change on the meter display.

CONTROL NO.
205531

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 650-4700 FAX (858) 650-4659

PERMIT NO
976831
EXPIRES
MARCH 1, 2003

PERMIT TO OPERATE

THIS PERMIT IS NOT VALID UNTIL REQUIRED FEES ARE RECEIVED BY THE DISTRICT.

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION EXCEPT AS SPECIFIED. THIS PERMIT TO OPERATE OR A COPY MUST BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR READILY AVAILABLE ON THE OPERATING PREMISES.

IDEC PHARMACEUTICALS

3030 CALLAN RD
SAN DIEGO CA 92121-0000

EQUIPMENT ADDRESS

IDEC PHARMACEUTICALS

11011 TORREYANA RD
SAN DIEGO, CA 92121-0000

EQUIPMENT DESCRIPTION

EMERGENCY STANDBY ENGINE: CATERPILLAR DIESEL ENGINE, MODEL 3512B,
S/N 1GZ00544, 2155 BHP, EPA TIER 1 CERTIFIED OF ENGINE FAMILY NUMBER
1CPXL58.6ERK, DRIVING A 1500 KW GENERATOR.
(976831-CCN-2/02)

Sector#:10 ID#:92162B PO#:976831 BEC#:12064
Fee Schedules: 34H01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULES 2, 10, 40, 50, 51, 67.17, 1200, 69.4.1.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

1. THE EMISSIONS OF OXIDES OF NITROGEN (NOX) IN PARTS PER MILLION BY VOLUME (PPMV), CALCULATED AS NITROGEN DIOXIDE AT 15% OXYGEN ON A DRY BASIS, SHALL NOT EXCEED 6.9 G/BHP-HR OR 535 PPMV.
2. THE EMISSIONS OF CARBON MONOXIDE (CO) CALCULATED AT 15% OXYGEN ON A DRY BASIS, SHALL NOT EXCEED 4,500 PPMV.
3. THIS ENGINE SHALL USE ONLY CALIFORNIA DIESEL FUEL.
4. VISIBLE EMISSIONS INCLUDING CRANK CASE SMOKE SHALL COMPLY WITH RULE 50.
5. RULE 51-PUBLIC NUISANCE: EQUIPMENT SHALL NOT CAUSE OR CONTRIBUTE TO PUBLIC NUISANCE.
6. THE INTERNAL COMBUSTION ENGINE DESCRIBED ABOVE SHALL NOT EXCEED 52 HOURS PER CALENDAR YEAR FOR NON-EMERGENCY PURPOSES (TESTING AND MAINTENANCE).
7. THE INTERNAL COMBUSTION ENGINE DESCRIBED ABOVE SHALL NOT EXCEED 200

CONTROL NO.
205531

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 650-4700 FAX (858) 650-4659

PERMIT NO
976831
EXPIRES
MARCH 1, 2003

PERMIT TO OPERATE

HOURS PER CALENDAR YEAR FOR EMERGENCY AND NON-EMERGENCY PURPOSES.

8. A NON RESETTABLE ENGINE HOUR METER SHALL BE MAINTAINED IN GOOD WORKING ORDER AND USED FOR RECORDING OPERATING HOURS. THE DISTRICT'S COMPLIANCE DIVISION SHALL BE NOTIFIED PRIOR TO REPLACEMENT OF THE HOUR METER.
9. THE OWNER OR OPERATOR SHALL CONDUCT PERIODIC MAINTENANCE OF EACH ENGINE AND ADD-ON CONTROL EQUIPMENT AS RECOMMENDED BY THE ENGINE AND CONTROL EQUIPMENT MANUFACTURERS OR AS SPECIFIED BY ANY OTHER MAINTENANCE PROCEDURE APPROVED IN ADVANCE, IN WRITING, BY THE DISTRICT.
10. THE OWNER OR OPERATOR OF THE ENGINE SHALL KEEP THE FOLLOWING RECORDS: CALIFORNIA DIESEL FUEL CERTIFICATION, MANUAL OF RECOMMENDED MAINTENANCE PROVIDED BY THE MANUFACTURER, OR OTHER MAINTENANCE PROCEDURES AS APPROVED IN WRITING, IN ADVANCE, BY THE DISTRICT. THESE RECORDS SHALL BE KEPT ON SITE FOR AT LEAST THE SAME PERIOD OF TIME, AS THE ENGINE TO WHICH THE RECORDS APPLY IS LOCATED AT THE SITE, AND SHALL BE MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT UPON REQUEST.
11. THE OWNER OR OPERATOR OF THIS ENGINE SHALL MAINTAIN AN OPERATING LOG CONTAINING, AT A MINIMUM, THE FOLLOWING: DATES AND TIMES OF ENGINE OPERATION, INDICATING WHETHER THE OPERATION WAS FOR NON-EMERGENCY PURPOSES OR DURING AN EMERGENCY SITUATION AND THE NATURE OF THE EMERGENCY, IF AVAILABLE (THESE RECORDS ARE NOT REQUIRED IF THE TOTAL ENGINE OPERATION FOR ANY PURPOSE, INCLUDING EMERGENCY SITUATION, DO NOT EXCEED 52 HOURS IN A CALENDAR YEAR); TOTAL CUMULATIVE HOURS OF OPERATION PER CALENDAR YEAR, BASED ON ACTUAL READINGS OF ENGINE HOUR OR FUEL METER; RECORDS OF PERIODIC MAINTENANCE INCLUDING DATES MAINTENANCE WAS PERFORMED.
12. ALL OPERATIONAL AND MAINTENANCE LOGS REQUIRED BY THIS PERMIT SHALL BE KEPT A MINIMUM OF 3 YEARS UNLESS OTHERWISE INDICATED BY THE CONDITIONS OF THIS PERMIT, AND THESE RECORDS SHALL BE MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT UPON REQUEST.
13. ENGINE SHALL NOT REQUIRE AN INITIAL SOURCE TEST UNTIL AN APPROPRIATE TEST METHOD IS APPROVED BY THE DISTRICT AND ARB, PROVIDED THAT THE FOLLOWING REQUIREMENTS ARE MET: (1) THE ENGINE FAMILY HAS EPA OR CARB CERTIFICATION; (2) THE ENGINE FAMILY DOES NOT PARTICIPATE IN THE FEDERAL ABT PROGRAM SPECIFIED IN 40 CFR 89, SUBPAR C AND ADOPTED BY REFERENCE BY CARB; (3) THE ENGINE AND CONTROL SYSTEM ARE MAINTAINED IN ACCORDANCE WITH THE CONDITIONS OF THIS PERMIT; AND, (4) THERE IS NO EVIDENCE OF ENGINE TAMPERING
14. ACCESS, FACILITIES, UTILITIES AND ANY NECESSARY SAFETY EQUIPMENT FOR

CONTROL NO.
205531

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 650-4700 FAX (858) 650-4659

PERMIT NO
976831
EXPIRES
MARCH 1, 2003

PERMIT TO OPERATE

SOURCE TESTING AND INSPECTION SHALL BE PROVIDED UPON REQUEST OF THE AIR POLLUTION CONTROL DISTRICT.

15. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATIONS REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
16. THE PERMITTEE SHALL, UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.)

CONTROL NO.
222823

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 650-4700 FAX (858) 650-4659

PERMIT NO
976831
EXPIRES
MARCH 1, 2004

PERMIT TO OPERATE

THIS PERMIT IS NOT VALID UNTIL REQUIRED FEES ARE RECEIVED BY THE DISTRICT.

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION EXCEPT AS SPECIFIED. THIS PERMIT TO OPERATE OR A COPY MUST BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR READILY AVAILABLE ON THE OPERATING PREMISES.

IDEC PHARMACEUTICALS

3030 CALLAN RD
SAN DIEGO CA

92121-0000

EQUIPMENT ADDRESS

IDEC PHARMACEUTICALS

11011 TORREYANA RD
SAN DIEGO, CA

92121-0000

EQUIPMENT DESCRIPTION

EMERGENCY STANDBY ENGINE: CATERPILLAR DIESEL ENGINE, MODEL 3512B,
S/N 1GZ00544, 2155 BHP, EPA TIER 1 CERTIFIED OF ENGINE FAMILY NUMBER
1CPXL58.6ERK, DRIVING A 1500 KW GENERATOR.
(976831-CCN-2/02)

Sector#:10 ID#:92162B PO#:976831 BEC#:12064
Fee Schedules: 34H01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULES 2, 10, 40, 50, 51, 67.17, 1200, 69.4.1.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

1. THE EMISSIONS OF OXIDES OF NITROGEN (NOX) IN PARTS PER MILLION (PPMV), CALCULATED AS NITROGEN DIOXIDE, SHALL NOT EXCEED 6.9 G/BHP-HR, OR 535 PPMV AT 15% OXYGEN ON A DRY BASIS.
2. THE EMISSIONS OF CARBON MONOXIDE (CO) CALCULATED AT 15% OXYGEN ON A DRY BASIS, SHALL NOT EXCEED 4,500 PPMV.
3. THIS ENGINE SHALL USE ONLY CALIFORNIA VEHICULAR DIESEL FUEL. RECORDS OF CALIFORNIA DIESEL FUEL CERTIFICATION SHALL BE MAINTAINED ON SITE AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
4. VISIBLE EMISSIONS INCLUDING CRANK CASE SMOKE SHALL COMPLY WITH RULE 50.
5. RULE 51-PUBLIC NUISANCE: EQUIPMENT SHALL NOT CAUSE OR CONTRIBUTE TO PUBLIC NUISANCE.
6. THIS INTERNAL COMBUSTION ENGINE SHALL NOT EXCEED 52 HOURS OF OPERATION

CONTROL NO.
222823

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 650-4700 FAX (858) 650-4659

PERMIT NO
976831
EXPIRES
MARCH 1, 2004

PERMIT TO OPERATE

PER CALENDAR YEAR FOR NON-EMERGENCY PURPOSES (TESTING AND MAINTENANCE).

7. THIS INTERNAL COMBUSTION ENGINE SHALL NOT EXCEED A TOTAL OF 200 HOURS OF OPERATION PER CALENDAR YEAR.
8. A NON RESETTABLE ENGINE HOUR METER SHALL BE MAINTAINED IN GOOD WORKING ORDER AND USED FOR RECORDING OPERATING HOURS. THE DISTRICT'S COMPLIANCE DIVISION SHALL BE NOTIFIED PRIOR TO REPLACEMENT OF THE HOUR METER.
9. THE OWNER OR OPERATOR SHALL CONDUCT PERIODIC MAINTENANCE OF EACH ENGINE AND ADD-ON CONTROL EQUIPMENT AS RECOMMENDED BY THE ENGINE AND CONTROL EQUIPMENT MANUFACTURERS OR AS SPECIFIED BY ANY OTHER MAINTENANCE PROCEDURE APPROVED IN ADVANCE, IN WRITING, BY THE DISTRICT.
10. THE OWNER OR OPERATOR OF THE ENGINE SHALL KEEP THE FOLLOWING RECORDS: CALIFORNIA DIESEL FUEL CERTIFICATION, MANUAL OF RECOMMENDED MAINTENANCE PROVIDED BY THE MANUFACTURER, OR OTHER MAINTENANCE PROCEDURES AS APPROVED IN WRITING, IN ADVANCE, BY THE DISTRICT. THESE RECORDS SHALL BE KEPT ON SITE FOR AT LEAST THE SAME PERIOD OF TIME, AS THE ENGINE TO WHICH THE RECORDS APPLY IS LOCATED AT THE SITE, AND SHALL BE MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT UPON REQUEST.
11. THE OWNER OR OPERATOR OF THIS ENGINE SHALL MAINTAIN AN OPERATING LOG CONTAINING, AT A MINIMUM, THE FOLLOWING: DATES AND TIMES OF ENGINE OPERATION, INDICATING WHETHER THE OPERATION WAS FOR NON-EMERGENCY PURPOSES OR DURING AN EMERGENCY SITUATION AND THE NATURE OF THE EMERGENCY, IF AVAILABLE (THESE RECORDS ARE NOT REQUIRED IF THE TOTAL ENGINE OPERATION FOR ANY PURPOSE, INCLUDING EMERGENCY SITUATION, DO NOT EXCEED 52 HOURS IN A CALENDAR YEAR); TOTAL CUMULATIVE HOURS OF OPERATION PER CALENDAR YEAR, BASED ON ACTUAL READINGS OF ENGINE HOUR OR FUEL METER; RECORDS OF PERIODIC MAINTENANCE INCLUDING DATES MAINTENANCE WAS PERFORMED.
12. ALL OPERATIONAL AND MAINTENANCE LOGS REQUIRED BY THIS PERMIT SHALL BE KEPT A MINIMUM OF 3 YEARS UNLESS OTHERWISE INDICATED BY THE CONDITIONS OF THIS PERMIT, AND THESE RECORDS SHALL BE MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT UPON REQUEST.
13. ENGINE SHALL NOT REQUIRE AN INITIAL SOURCE TEST UNTIL AN APPROPRIATE TEST METHOD IS APPROVED BY THE DISTRICT AND ARB, PROVIDED THAT THE FOLLOWING REQUIREMENTS ARE MET: (1) THE ENGINE FAMILY HAS EPA OR CARB CERTIFICATION; (2) THE ENGINE FAMILY DOES NOT PARTICIPATE IN THE FEDERAL ABT PROGRAM SPECIFIED IN 40 CFR 89, SUBPAR C AND ADOPTED BY REFERENCE BY CARB; (3) THE ENGINE AND CONTROL SYSTEM ARE MAINTAINED IN ACCORDANCE WITH

CONTROL NO.
222823

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 650-4700 FAX (858) 650-4659

PERMIT NO
976831
EXPIRES
MARCH 1, 2004

PERMIT TO OPERATE

THE CONDITIONS OF THIS PERMIT; AND, (4) THERE IS NO EVIDENCE OF ENGINE TAMPERING

14. ACCESS, FACILITIES, UTILITIES AND ANY NECESSARY SAFETY EQUIPMENT FOR SOURCE TESTING AND INSPECTION SHALL BE PROVIDED UPON REQUEST OF THE AIR POLLUTION CONTROL DISTRICT.
15. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATIONS REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
16. THE PERMITTEE SHALL, UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.)

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT

CONTROL NO.
239739

9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 650-4700 FAX (858) 650-4659

PERMIT NO
976831
EXPIRES
MARCH 1, 2005

PERMIT TO OPERATE

THIS PERMIT IS NOT VALID UNTIL REQUIRED FEES ARE RECEIVED BY THE DISTRICT.

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT AS SPECIFIED. THIS PERMIT TO OPERATE OR A COPY MUST BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR READILY AVAILABLE ON THE OPERATING PREMISES.

		<u>EQUIPMENT ADDRESS</u>	
BIOGEN IDEC INC		IDEC PHARMACEUTICALS	
3030 CALLAN RD		11011 TORREYANA RD	
SAN DIEGO CA	92121-0000	SAN DIEGO CA	92121-0000

EQUIPMENT DESCRIPTION

EMERGENCY STANDBY ENGINE: CATERPILLAR DIESEL ENGINE, MODEL 3512B, S/N 1GZ00544, 2155 BHP, EPA TIER 1 CERTIFIED OF ENGINE FAMILY NUMBER 1CPXL58.6ERK, DRIVING A 1500 KW GENERATOR.
(976831-CCN-2/02)
Sector#:10 ID#:92162B PO#:976831 BEC#:12064
Fee Schedules: 34H01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULES 2, 10, 40, 50, 51, 67.17, 1200, 69.4.1.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

1. THE EMISSIONS OF OXIDES OF NITROGEN (NOX) IN PARTS PER MILLION (PPMV), CALCULATED AS NITROGEN DIOXIDE, SHALL NOT EXCEED 6.9 G/BHP-HR, OR 535 PPMV AT 15% OXYGEN ON A DRY BASIS.
2. THE EMISSIONS OF CARBON MONOXIDE (CO) CALCULATED AT 15% OXYGEN ON A DRY BASIS, SHALL NOT EXCEED 4,500 PPMV.
3. THIS ENGINE SHALL USE ONLY CALIFORNIA VEHICULAR DIESEL FUEL. RECORDS OF CALIFORNIA DIESEL FUEL CERTIFICATION SHALL BE MAINTAINED ON SITE AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
4. VISIBLE EMISSIONS INCLUDING CRANK CASE SMOKE SHALL COMPLY WITH RULE 50.
5. RULE 51-PUBLIC NUISANCE: EQUIPMENT SHALL NOT CAUSE OR CONTRIBUTE TO PUBLIC NUISANCE.
6. THIS INTERNAL COMBUSTION ENGINE SHALL NOT EXCEED 52 HOURS OF OPERATION PER CALENDAR YEAR FOR NON-EMERGENCY PURPOSES (TESTING AND MAINTENANCE).
7. THIS INTERNAL COMBUSTION ENGINE SHALL NOT EXCEED A TOTAL OF 200 HOURS

CONTROL NO.
239739

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 650-4700 FAX (858) 650-4659

PERMIT NO
976831
EXPIRES
MARCH 1, 2005

PERMIT TO OPERATE

OF OPERATION PER CALENDAR YEAR.

8. A NON RESETTABLE ENGINE HOUR METER SHALL BE MAINTAINED IN GOOD WORKING ORDER AND USED FOR RECORDING OPERATING HOURS. THE DISTRICT'S COMPLIANCE DIVISION SHALL BE NOTIFIED PRIOR TO REPLACEMENT OF THE HOUR METER.
9. THE OWNER OR OPERATOR SHALL CONDUCT PERIODIC MAINTENANCE OF EACH ENGINE AND ADD-ON CONTROL EQUIPMENT AS RECOMMENDED BY THE ENGINE AND CONTROL EQUIPMENT MANUFACTURERS OR AS SPECIFIED BY ANY OTHER MAINTENANCE PROCEDURE APPROVED IN ADVANCE, IN WRITING, BY THE DISTRICT.
10. THE OWNER OR OPERATOR OF THE ENGINE SHALL KEEP THE FOLLOWING RECORDS: CALIFORNIA DIESEL FUEL CERTIFICATION, MANUAL OF RECOMMENDED MAINTENANCE PROVIDED BY THE MANUFACTURER, OR OTHER MAINTENANCE PROCEDURES AS APPROVED IN WRITING, IN ADVANCE, BY THE DISTRICT. THESE RECORDS SHALL BE KEPT ON SITE FOR AT LEAST THE SAME PERIOD OF TIME, AS THE ENGINE TO WHICH THE RECORDS APPLY IS LOCATED AT THE SITE, AND SHALL BE MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT UPON REQUEST.
11. THE OWNER OR OPERATOR OF THIS ENGINE SHALL MAINTAIN AN OPERATING LOG CONTAINING, AT A MINIMUM, THE FOLLOWING: DATES AND TIMES OF ENGINE OPERATION, INDICATING WHETHER THE OPERATION WAS FOR NON-EMERGENCY PURPOSES OR DURING AN EMERGENCY SITUATION AND THE NATURE OF THE EMERGENCY, IF AVAILABLE (THESE RECORDS ARE NOT REQUIRED IF THE TOTAL ENGINE OPERATION FOR ANY PURPOSE, INCLUDING EMERGENCY SITUATION, DO NOT EXCEED 52 HOURS IN A CALENDAR YEAR); TOTAL CUMULATIVE HOURS OF OPERATION PER CALENDAR YEAR, BASED ON ACTUAL READINGS OF ENGINE HOUR OR FUEL METER; RECORDS OF PERIODIC MAINTENANCE INCLUDING DATES MAINTENANCE WAS PERFORMED.
12. ALL OPERATIONAL AND MAINTENANCE LOGS REQUIRED BY THIS PERMIT SHALL BE KEPT A MINIMUM OF 3 YEARS UNLESS OTHERWISE INDICATED BY THE CONDITIONS OF THIS PERMIT, AND THESE RECORDS SHALL BE MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT UPON REQUEST.
13. ACCESS, FACILITIES, UTILITIES AND ANY NECESSARY SAFETY EQUIPMENT FOR SOURCE TESTING AND INSPECTION SHALL BE PROVIDED UPON REQUEST OF THE AIR POLLUTION CONTROL DISTRICT
14. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATIONS REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
15. THE PERMITTEE SHALL, UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.)

CONTROL NO.
258164

COUNTY SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 650-4700 FAX (858) 650-4659

PERMIT NO
976831
EXPIRES
MAY 2006

PERMIT TO OPERATE

THIS PERMIT IS NOT VALID UNTIL REQUIRED FEES ARE RECEIVED BY THE DISTRICT.

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT AS SPECIFIED. THIS PERMIT TO OPERATE OR A COPY MUST BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR READILY AVAILABLE ON THE OPERATING PREMISES.

TANOX WEST INC

10555 STELLA LINK
HOUSTON TX

77025-0000

EQUIPMENT ADDRESS

TANOX WEST INC

11011 TORREYANA
SAN DIEGO CA

92121-0000

EQUIPMENT DESCRIPTION

EMERGENCY STANDBY ENGINE: CATERPILLAR DIESEL ENGINE, MODEL 3512B,
S/N 1GZ00544, 2155 BHP, EPA TIER 1 CERTIFIED OF ENGINE FAMILY NUMBER
1CPXL58.6ERK, DRIVING A 1500 KW GENERATOR.
(976831-CCN-2/02) (982390 1/05)
Sector#:10 ID#:92162A PO#:976831 BEC#:12064
Fee Schedules: 34H01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULES 2, 10, 40, 50, 51, 67.17, 1200, 69.4.1.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

1. THE EMISSIONS OF OXIDES OF NITROGEN (NOX) IN PARTS PER MILLION (PPMV), CALCULATED AS NITROGEN DIOXIDE, SHALL NOT EXCEED 6.9 G/BHP-HR, OR 535 PPMV AT 15% OXYGEN ON A DRY BASIS.
2. THE EMISSIONS OF CARBON MONOXIDE (CO) CALCULATED AT 15% OXYGEN ON A DRY BASIS, SHALL NOT EXCEED 4,500 PPMV.
3. THIS ENGINE SHALL USE ONLY CALIFORNIA VEHICULAR DIESEL FUEL. RECORDS OF CALIFORNIA DIESEL FUEL CERTIFICATION SHALL BE MAINTAINED ON SITE AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
4. VISIBLE EMISSIONS INCLUDING CRANK CASE SMOKE SHALL COMPLY WITH RULE 50.
5. RULE 51-PUBLIC NUISANCE: EQUIPMENT SHALL NOT CAUSE OR CONTRIBUTE TO PUBLIC NUISANCE.
6. THIS INTERNAL COMBUSTION ENGINE SHALL NOT EXCEED 52 HOURS OF OPERATION PER CALENDAR YEAR FOR NON-EMERGENCY PURPOSES (TESTING AND MAINTENANCE).
7. THIS INTERNAL COMBUSTION ENGINE SHALL NOT EXCEED A TOTAL OF 200 HOURS

CONTROL NO.
258164

COUNTY SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 650-4700 FAX (858) 650-4659

PERMIT NO
976831
EXPIRES
MAY 2006

PERMIT TO OPERATE

OF OPERATION PER CALENDAR YEAR.

8. A NON RESETTABLE ENGINE HOUR METER SHALL BE MAINTAINED IN GOOD WORKING ORDER AND USED FOR RECORDING OPERATING HOURS. THE DISTRICT'S COMPLIANCE DIVISION SHALL BE NOTIFIED PRIOR TO REPLACEMENT OF THE HOUR METER.
9. THE OWNER OR OPERATOR SHALL CONDUCT PERIODIC MAINTENANCE OF EACH ENGINE AND ADD-ON CONTROL EQUIPMENT AS RECOMMENDED BY THE ENGINE AND CONTROL EQUIPMENT MANUFACTURERS OR AS SPECIFIED BY ANY OTHER MAINTENANCE PROCEDURE APPROVED IN ADVANCE, IN WRITING, BY THE DISTRICT.
10. THE OWNER OR OPERATOR OF THE ENGINE SHALL KEEP THE FOLLOWING RECORDS: CALIFORNIA DIESEL FUEL CERTIFICATION, MANUAL OF RECOMMENDED MAINTENANCE PROVIDED BY THE MANUFACTURER, OR OTHER MAINTENANCE PROCEDURES AS APPROVED IN WRITING, IN ADVANCE, BY THE DISTRICT. THESE RECORDS SHALL BE KEPT ON SITE FOR AT LEAST THE SAME PERIOD OF TIME, AS THE ENGINE TO WHICH THE RECORDS APPLY IS LOCATED AT THE SITE, AND SHALL BE MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT UPON REQUEST.
11. THE OWNER OR OPERATOR OF THIS ENGINE SHALL MAINTAIN AN OPERATING LOG CONTAINING, AT A MINIMUM, THE FOLLOWING: DATES AND TIMES OF ENGINE OPERATION, INDICATING WHETHER THE OPERATION WAS FOR NON-EMERGENCY PURPOSES OR DURING AN EMERGENCY SITUATION AND THE NATURE OF THE EMERGENCY, IF AVAILABLE (THESE RECORDS ARE NOT REQUIRED IF THE TOTAL ENGINE OPERATION FOR ANY PURPOSE, INCLUDING EMERGENCY SITUATION, DO NOT EXCEED 52 HOURS IN A CALENDAR YEAR); TOTAL CUMULATIVE HOURS OF OPERATION PER CALENDAR YEAR, BASED ON ACTUAL READINGS OF ENGINE HOUR OR FUEL METER; RECORDS OF PERIODIC MAINTENANCE INCLUDING DATES MAINTENANCE WAS PERFORMED.
12. ALL OPERATIONAL AND MAINTENANCE LOGS REQUIRED BY THIS PERMIT SHALL BE KEPT A MINIMUM OF 3 YEARS UNLESS OTHERWISE INDICATED BY THE CONDITIONS OF THIS PERMIT, AND THESE RECORDS SHALL BE MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT UPON REQUEST.
13. ACCESS, FACILITIES, UTILITIES AND ANY NECESSARY SAFETY EQUIPMENT FOR SOURCE TESTING AND INSPECTION SHALL BE PROVIDED UPON REQUEST OF THE AIR POLLUTION CONTROL DISTRICT
14. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATIONS REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
15. THE PERMITTEE SHALL, UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.)

CONTROL NO.
272791

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT NO
976831
EXPIRES
MAY 2007

PERMIT TO OPERATE

THIS PERMIT IS NOT VALID UNTIL REQUIRED FEES ARE RECEIVED BY THE DISTRICT.

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT AS SPECIFIED. THIS PERMIT TO OPERATE OR A COPY MUST BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR READILY AVAILABLE ON THE OPERATING PREMISES.

TANOX WEST INC
SAYA GODWIN
11011 TORREYANA RD
SAN DIEGO CA

92121-0000

EQUIPMENT ADDRESS

TANOX WEST INC
11011 TORREYANA
SAN DIEGO CA

92121-0000

EQUIPMENT DESCRIPTION

EMERGENCY STANDBY ENGINE: CATERPILLAR DIESEL ENGINE, MODEL 3512B,
S/N 1GZ00544, 2155 BHP, EPA TIER 1 CERTIFIED OF ENGINE FAMILY NUMBER
1CPXL58.6ERK, DRIVING A 1500 KW GENERATOR.
(976831-CCN-2/02) (982390 1/05)
17CCR93115SJE11/05
Sector#:10 ID#:92162A PO#:976831 BEC#:12828
Fee Schedules: 34H01 34K01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULES 2, 10, 40, 50, 51, 67.17, 1200, 69.4.1.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

1. ENGINE OPERATION FOR MAINTENANCE AND TESTING PURPOSES SHALL NOT EXCEED 30 HOURS PER CALENDAR YEAR. (17 CCR 93115) (ATCM REPORTABLE)
2. THIS ENGINE SHALL ONLY USE CARB DIESEL FUEL. (RULE 69.4.1, 17 CCR 93115)
3. VISIBLE EMISSIONS INCLUDING CRANK CASE SMOKE SHALL COMPLY WITH AIR POLLUTION CONTROL DISTRICT RULE 50. (RULE 50)
4. THE EQUIPMENT DESCRIBED ABOVE SHALL NOT CAUSE OR CONTRIBUTE TO A PUBLIC NUISANCE. (RULE 51)
5. THIS ENGINE SHALL NOT OPERATE FOR NON-EMERGENCY USE DURING THE FOLLOWING PERIODS, AS APPLICABLE:
 - (A) WHENEVER THERE IS ANY SCHOOL SPONSORED ACTIVITY, IF ENGINE IS LOCATED ON SCHOOL GROUNDS OR
 - (B) BETWEEN 7:30AM AND 3:30PM ON DAYS WHEN SCHOOL IS IN SESSION, IF THE ENGINE IS LOCATED WITHIN 500 FEET OF, BUT NOT ON, SCHOOL GROUNDS. THIS CONDITION SHALL NOT APPLY TO AN ENGINE LOCATED AT OR NEAR ANY SCHOOL GROUNDS THAT ALSO SERVE AS THE STUDENTS' PLACE OF RESIDENCE.

CONTROL NO.
272791

10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT NO
976831
EXPIRES
MAY 2007

PERMIT TO OPERATE

(17 CCR 93115) (ATCM REPORTABLE)

- 6. ENGINE OPERATION IN RESPONSE TO NOTIFICATION OF AN IMPENDING ROTATING OUTAGE, SHALL BE SUBJECT TO ALL THE FOLLOWING RESTRICTIONS:
 - (A) THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED.
 - (B) THE ENGINE IS OPERATED NO MORE THAN 30 MINUTES PRIOR TO THE TIME WHEN THE UTILITY DISTRIBUTION COMPANY OFFICIALLY FORECASTS A ROTATING OUTAGE IN THE CITED CONTROL AREA, AND
 - (C) THE ENGINE OPERATION IS TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IN EFFECT.

THIS CONDITION SHALL NOT APPLY TO ENGINES OPERATING PURSUANT TO THE ROLLING BLACKOUT REDUCTION PROGRAM AS DEFINED IN 17 CCR 93115 AND OPERATING IN ACCORDANCE WITH 17 CCR 93115 (E) (2) (F). (17CCR93115) (ATCM REPORTABLE)

- 7. A NON-RESETTABLE ENGINE HOUR METER SHALL BE INSTALLED ON THIS ENGINE, MAINTAINED IN GOOD WORKING ORDER, AND USED FOR RECORDING ENGINE OPERATION HOURS. IF A METER IS REPLACED, THE AIR POLLUTION CONTROL DISTRICT'S COMPLIANCE DIVISION SHALL BE NOTIFIED IN WRITING WITHIN 10 CALENDAR DAYS. THE WRITTEN NOTIFICATION SHALL INCLUDE THE FOLLOWING INFORMATION:
 - (A) OLD METER'S HOUR READING
 - (B) REPLACEMENT METER'S MANUFACTURER NAME, MODEL AND SERIAL NUMBER IF AVAILABLE AND CURRENT HOUR READING ON REPLACEMENT METER
 - (C) COPY OF RECEIPT OF NEW METER OR OF INSTALLATION WORK ORDER.

A COPY OF THE METER REPLACEMENT NOTIFICATION SHALL BE MAINTAINED ONSITE AND MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT UPON REQUEST.
(RULE 69.4.1, 17 CCR 93115)

- 8. THE OWNER OR OPERATOR THIS ENGINE SHALL CONDUCT PERIODIC MAINTENANCE OF THE ENGINE AND ADD-ON CONTROL EQUIPMENT, IF ANY, AS RECOMMENDED BY THE ENGINE AND CONTROL EQUIPMENT MANUFACTURERS OR AS SPECIFIED BY THE ENGINE SERVICING COMPANY'S MAINTENANCE PROCEDURES. THE PERIODIC MAINTENANCE SHALL BE CONDUCTED AT LEAST ONCE EACH CALENDAR YEAR. (RULE 69.4.1)

- 9. THE OWNER OR OPERATOR OF THE ENGINE SHALL MAINTAIN THE FOLLOWING RECORDS ON SITE FOR AT LEAST THE SAME PERIOD OF TIME AS THE ENGINE TO WHICH THE RECORDS APPLY IS LOCATED AT THE SITE:
 - (A) DOCUMENTATION SHALL BE MAINTAINED IDENTIFYING THE FUEL AS CARB DIESEL.
 - (B) MANUAL OF RECOMMENDED MAINTENANCE PROVIDED BY THE MANUFACTURER, OR MAINTENANCE PROCEDURES SPECIFIED BY THE ENGINE SERVICING COMPANY; AND
 - (C) RECORDS OF ANNUAL ENGINE MAINTENANCE INCLUDING DATE THE MAINTENANCE WAS PERFORMED.

CONTROL NO.
272791

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT

10124 OLD GROVE ROAD, SAN DIEGO, CA 92131

(858) 586-2600 FAX (858) 586-2601

PERMIT NO

976831

EXPIRES

MAY 2007

PERMIT TO OPERATE

THESE RECORDS SHALL BE MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT UPON REQUEST. (RULE 69.4.1) (17 CCR 93115)

10. THE OWNER OR OPERATOR OF THIS ENGINE SHALL MAINTAIN A MONTHLY OPERATING LOG CONTAINING, AT A MINIMUM, THE FOLLOWING:
 - (A) DATES AND TIMES OF ENGINE OPERATION WHETHER THE OPERATION WAS MAINTENANCE AND TESTING PURPOSES OR EMERGENCY USE; AND THE NATURE OF THE EMERGENCY, IF KNOWN;
 - (B) HOURS OF OPERATION FOR ALL USES OTHER THAN THOSE SPECIFIED ABOVE AND IDENTIFICATION OF THE NATURE OF THAT USE.(RULE 69.4.1, CCR 93115)
11. THE OWNER OR OPERATOR SHALL DOCUMENT FUEL USE THROUGH THE RETENTION OF FUEL PURCHASE RECORDS THAT ACCOUNT FOR ALL FUEL USED IN THE ENGINE AND ALL FUEL PURCHASED FOR USE IN THE ENGINE, AND, AT A MINIMUM, CONTAIN THE FOLLOWING INFORMATION:
 - (A) AMOUNT OF FUEL PURCHASED
 - (B) DATE WHEN THE FUEL WAS PURCHASED
 - (C) SIGNATURE OF OWNER OR OPERATOR OR REPRESENTATIVE OF OWNER OR OPERATOR WHO RECEIVED THE FUEL.
 - (D) SIGNATURE OF FUEL PROVIDER INDICATING FUEL WAS DELIVERED; AND
 - (E) AMOUNT OF FUEL ADDED TO THE ENGINE TANK.(17 CCR 93115)
12. ALL OPERATIONAL AND MAINTENANCE LOGS AND FUEL USE AND TYPE AND PURCHASE RECORDS REQUIRED BY THIS PERMIT SHALL BE KEPT FOR A MINIMUM OF 36 MONTHS FROM THEIR DATE OF CREATION UNLESS OTHERWISE INDICATED BY THE CONDITIONS OF THIS PERMIT. THE RECORDS SHALL BE MAINTAINED ONSITE FOR A MINIMUM OF 24 MONTHS FROM THEIR DATE OF CREATION. RECORDS FOR THE LAST 24 MONTHS OF OPERATIONS SHALL BE MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT UPON REQUEST. RECORDS FOR OPERATION FOR THE LAST 25 TO 36 MONTHS SHALL BE MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT WITHIN 5 WORKING DAYS OF REQUEST. (69.4.1, 17 CCR 93115)
13. THE PERMITTEE SHALL NOTIFY THE AIR POLLUTION CONTROL DISTRICT COMPLIANCE DIVISION IMMEDIATELY UPON DETECTION OF ANY VIOLATION OF A CONDITION IDENTIFIED AS "ATCM REPORTABLE". SUCH VIOLATIONS SHALL BE SUBJECT TO AIR POLLUTION CONTROL DISTRICT COMPLIANCE ACTION.
(17 CCR 93115)
14. ACCESS, FACILITIES, UTILITIES AND ANY NECESSARY SAFETY EQUIPMENT FOR SOURCE TESTING AND INSPECTION SHALL BE PROVIDED UPON REQUEST OF THE AIR POLLUTION CONTROL DISTRICT
15. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER

**CONTROL NO.
272791**

**COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601**

**PERMIT NO
976831
EXPIRES
MAY 2007**

PERMIT TO OPERATE

FROM OBTAINING PERMITS OR AUTHORIZATIONS REQUIRED BY OTHER GOVERNMENTAL AGENCIES.

16. THE PERMITTEE SHALL, UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.)

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT

CONTROL NO.
289488

10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858) 586-2600 FAX(858) 586-2601

PERMIT NO
976831
EXPIRES
MAY 2008

PERMIT TO OPERATE

THIS PERMIT IS NOT VALID UNTIL REQUIRED FEES ARE RECEIVED BY THE DISTRICT.

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT AS SPECIFIED. THIS PERMIT TO OPERATE OR A COPY MUST BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR READILY AVAILABLE ON THE OPERATING PREMISES.

		<u>EQUIPMENT ADDRESS</u>	
TANOX WEST INC		TANOX WEST INC	
SAYA GODWIN			
11011 TORREYANA RD		11011 TORREYANA	
SAN DIEGO CA	92121-0000	SAN DIEGO CA	92121-0000

EQUIPMENT DESCRIPTION

EMERGENCY STANDBY ENGINE: CATERPILLAR DIESEL ENGINE, MODEL 3512B, S/N 1GZ00544, 2155 BHP, EPA TIER 1 CERTIFIED OF ENGINE FAMILY NUMBER 1CPXL58.6ERK, DRIVING A 1500 KW GENERATOR.
(976831-CCN-2/02) (982390 1/05)
17CCR93115SJE11/05
Sector#:10 ID#:92162A PO#:976831 BEC#:12828
Fee Schedules: 34H01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULES 2, 10, 40, 50, 51, 67.17, 1200, 69.4.1.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

1. ENGINE OPERATION FOR MAINTENANCE AND TESTING PURPOSES SHALL NOT EXCEED 30 HOURS PER CALENDAR YEAR. (17 CCR 93115) (~~ATCM REPORTABLE~~)
2. THIS ENGINE SHALL ONLY USE CARB DIESEL FUEL. (RULE 69.4.1, 17 CCR 93115)
3. VISIBLE EMISSIONS INCLUDING CRANK CASE SMOKE SHALL COMPLY WITH AIR POLLUTION CONTROL DISTRICT RULE 50. (RULE 50)
4. THE EQUIPMENT DESCRIBED ABOVE SHALL NOT CAUSE OR CONTRIBUTE TO A PUBLIC NUISANCE. (RULE 51)
5. THIS ENGINE SHALL NOT OPERATE FOR NON-EMERGENCY USE DURING THE FOLLOWING PERIODS, AS APPLICABLE:
 - (A) WHENEVER THERE IS ANY SCHOOL SPONSORED ACTIVITY, IF ENGINE IS LOCATED ON SCHOOL GROUNDS OR
 - (B) BETWEEN 7:30AM AND 3:30PM ON DAYS WHEN SCHOOL IS IN SESSION, IF THE ENGINE IS LOCATED WITHIN 500 FEET OF, BUT NOT ON, SCHOOL GROUNDS. THIS CONDITION SHALL NOT APPLY TO AN ENGINE LOCATED AT OR NEAR ANY SCHOOL GROUNDS THAT ALSO SERVE AS THE STUDENTS' PLACE OF RESIDENCE.

CONTROL NO.
289488

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT NO
976831
EXPIRES
MAY 2008

PERMIT TO OPERATE

(17 CCR 93115) (ATCM REPORTABLE)

6. ENGINE OPERATION IN RESPONSE TO NOTIFICATION OF AN IMPENDING ROTATING OUTAGE, SHALL BE SUBJECT TO ALL THE FOLLOWING RESTRICTIONS:
- (A) THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED.
 - (B) THE ENGINE IS OPERATED NO MORE THAN 30 MINUTES PRIOR TO THE TIME WHEN THE UTILITY DISTRIBUTION COMPANY OFFICIALLY FORECASTS A ROTATING OUTAGE IN THE CITED CONTROL AREA, AND
 - (C) THE ENGINE OPERATION IS TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IN EFFECT.

THIS CONDITION SHALL NOT APPLY TO ENGINES OPERATING PURSUANT TO THE ROLLING BLACKOUT REDUCTION PROGRAM AS DEFINED IN 17 CCR 93115 AND OPERATING IN ACCORDANCE WITH 17 CCR 93115 (E) (2) (F). (17CCR93115) ~~(ATCM REPORTABLE)~~

7. A NON-RESETTING ENGINE HOUR METER SHALL BE INSTALLED ON THIS ENGINE, MAINTAINED IN GOOD WORKING ORDER, AND USED FOR RECORDING ENGINE OPERATION HOURS. IF A METER IS REPLACED, THE AIR POLLUTION CONTROL DISTRICT'S COMPLIANCE DIVISION SHALL BE NOTIFIED IN WRITING WITHIN 10 CALENDAR DAYS. THE WRITTEN NOTIFICATION SHALL INCLUDE THE FOLLOWING INFORMATION:
- (A) OLD METER'S HOUR READING
 - (B) REPLACEMENT METER'S MANUFACTURER NAME, MODEL AND SERIAL NUMBER IF AVAILABLE AND CURRENT HOUR READING ON REPLACEMENT METER
 - (C) COPY OF RECEIPT OF NEW METER OR OF INSTALLATION WORK ORDER.
- A COPY OF THE METER REPLACEMENT NOTIFICATION SHALL BE MAINTAINED ONSITE AND MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT UPON REQUEST.
(RULE 69.4.1, 17 CCR 93115)

8. THE OWNER OR OPERATOR OF THIS ENGINE SHALL CONDUCT PERIODIC MAINTENANCE OF THE ENGINE AND ADD-ON CONTROL EQUIPMENT, IF ANY, AS RECOMMENDED BY THE ENGINE AND CONTROL EQUIPMENT MANUFACTURERS OR AS SPECIFIED BY THE ENGINE SERVICING COMPANY'S MAINTENANCE PROCEDURES. THE PERIODIC MAINTENANCE SHALL BE CONDUCTED AT LEAST ONCE EACH CALENDAR YEAR. (RULE 69.4.1)

9. THE OWNER OR OPERATOR OF THE ENGINE SHALL MAINTAIN THE FOLLOWING RECORDS ON SITE FOR AT LEAST THE SAME PERIOD OF TIME AS THE ENGINE TO WHICH THE RECORDS APPLY IS LOCATED AT THE SITE:
- (A) DOCUMENTATION SHALL BE MAINTAINED IDENTIFYING THE FUEL AS CARB DIESEL.
 - (B) MANUAL OF RECOMMENDED MAINTENANCE PROVIDED BY THE MANUFACTURER, OR MAINTENANCE PROCEDURES SPECIFIED BY THE ENGINE SERVICING COMPANY; AND
 - (C) RECORDS OF ANNUAL ENGINE MAINTENANCE INCLUDING DATE THE MAINTENANCE WAS PERFORMED.

CONTROL NO.
289488

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858)586-2600 FAX(858)586-2601

PERMIT NO
976831
EXPIRES
MAY 2008

PERMIT TO OPERATE

THESE RECORDS SHALL BE MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT UPON REQUEST. (RULE 69.4.1) (17 CCR 93115)

10. THE OWNER OR OPERATOR OF THIS ENGINE SHALL MAINTAIN A MONTHLY OPERATING LOG CONTAINING, AT A MINIMUM, THE FOLLOWING:
 - (A) DATES AND TIMES OF ENGINE OPERATION WHETHER THE OPERATION WAS MAINTENANCE AND TESTING PURPOSES OR EMERGENCY USE; AND THE NATURE OF THE EMERGENCY, IF KNOWN;
 - (B) HOURS OF OPERATION FOR ALL USES OTHER THAN THOSE SPECIFIED ABOVE AND IDENTIFICATION OF THE NATURE OF THAT USE.(RULE 69.4.1, 17 CCR 93115)
11. THE OWNER OR OPERATOR SHALL DOCUMENT FUEL USE THROUGH THE RETENTION OF FUEL PURCHASE RECORDS THAT ACCOUNT FOR ALL FUEL USED IN THE ENGINE AND ALL FUEL PURCHASED FOR USE IN THE ENGINE, AND, AT A MINIMUM, CONTAIN THE FOLLOWING INFORMATION:
 - (A) AMOUNT OF FUEL PURCHASED
 - (B) DATE WHEN THE FUEL WAS PURCHASED
 - (C) SIGNATURE OF OWNER OR OPERATOR OR REPRESENTATIVE OF OWNER OR OPERATOR WHO RECEIVED THE FUEL.
 - (D) SIGNATURE OF FUEL PROVIDER INDICATING FUEL WAS DELIVERED; AND
 - (E) AMOUNT OF FUEL ADDED TO THE ENGINE TANK.(17 CCR 93115)
12. ALL OPERATIONAL AND MAINTENANCE LOGS AND FUEL USE AND TYPE AND PURCHASE RECORDS REQUIRED BY THIS PERMIT SHALL BE KEPT FOR A MINIMUM OF 36 MONTHS FROM THEIR DATE OF CREATION UNLESS OTHERWISE INDICATED BY THE CONDITIONS OF THIS PERMIT. THE RECORDS SHALL BE MAINTAINED ONSITE FOR A MINIMUM OF 24 MONTHS FROM THEIR DATE OF CREATION. RECORDS FOR THE LAST 24 MONTHS OF OPERATIONS SHALL BE MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT UPON REQUEST. RECORDS FOR OPERATION FOR THE LAST 25 TO 36 MONTHS SHALL BE MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT WITHIN 5 WORKING DAYS OF REQUEST. (69.4.1, 17 CCR 93115)
13. THE PERMITTEE SHALL NOTIFY THE AIR POLLUTION CONTROL DISTRICT COMPLIANCE DIVISION IMMEDIATELY UPON DETECTION OF ANY VIOLATION OF A CONDITION IDENTIFIED AS "ATCM REPORTABLE". SUCH VIOLATIONS SHALL BE SUBJECT TO AIR POLLUTION CONTROL DISTRICT COMPLIANCE ACTION.
(17 CCR 93115)
14. ACCESS, FACILITIES, UTILITIES AND ANY NECESSARY SAFETY EQUIPMENT FOR SOURCE TESTING AND INSPECTION SHALL BE PROVIDED UPON REQUEST OF THE AIR POLLUTION CONTROL DISTRICT
15. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER

CONTROL NO.
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COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
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FROM OBTAINING PERMITS OR AUTHORIZATIONS REQUIRED BY OTHER GOVERNMENTAL AGENCIES.

16. THE PERMITTEE SHALL, UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.)

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT

CONTROL NO.
302463

10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858)586-2600 FAX(858)586-2601

PERMIT NO
976831
EXPIRES
MAY 2009

PERMIT TO OPERATE

THIS PERMIT IS NOT VALID UNTIL REQUIRED FEES ARE RECEIVED BY THE DISTRICT.

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT AS SPECIFIED. THIS PERMIT TO OPERATE OR A COPY MUST BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR READILY AVAILABLE ON THE OPERATING PREMISES.

TANOX WEST INC
JUDI GAITHER
11011 TORREYANA RD
SAN DIEGO CA

92121-0000

EQUIPMENT ADDRESS

TANOX WEST INC
11011 TORREYANA
SAN DIEGO CA

92121-0000

EQUIPMENT DESCRIPTION

EMERGENCY STANDBY ENGINE: CATERPILLAR DIESEL ENGINE, MODEL 3512B, S/N 1GZ00544, 2155 BHP, EPA TIER 1 CERTIFIED OF ENGINE FAMILY NUMBER 1CPXL58.6ERK, DRIVING A 1500 KW GENERATOR.
(976831-CCN-2/02) (982390 1/05)
17CCR93115SJE11/05
Sector#:10 ID#:92162A PO#:976831 BEC#:12828
Fee Schedules: 34H01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULES 2, 10, 40, 50, 51, 67.17, 1200, 69.4.1.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

1. ENGINE OPERATION FOR MAINTENANCE AND TESTING PURPOSES SHALL NOT EXCEED 30 HOURS PER CALENDAR YEAR. (17 CCR 93115) (ATCM REPORTABLE) ✓
2. THIS ENGINE SHALL ONLY USE CARB DIESEL FUEL. (RULE 69.4.1, 17 CCR 93115) ✓
3. VISIBLE EMISSIONS INCLUDING CRANK CASE SMOKE SHALL COMPLY WITH AIR POLLUTION CONTROL DISTRICT RULE 50. (RULE 50) ✓
4. THE EQUIPMENT DESCRIBED ABOVE SHALL NOT CAUSE OR CONTRIBUTE TO A PUBLIC NUISANCE. (RULE 51) ✓
5. THIS ENGINE SHALL NOT OPERATE FOR NON-EMERGENCY USE DURING THE FOLLOWING PERIODS, AS APPLICABLE: ✓
 - (A) WHENEVER THERE IS ANY SCHOOL SPONSORED ACTIVITY, IF ENGINE IS LOCATED ON SCHOOL GROUNDS OR
 - (B) BETWEEN 7:30AM AND 3:30PM ON DAYS WHEN SCHOOL IS IN SESSION, IF THE ENGINE IS LOCATED WITHIN 500 FEET OF, BUT NOT ON, SCHOOL GROUNDS. THIS CONDITION SHALL NOT APPLY TO AN ENGINE LOCATED AT OR NEAR ANY SCHOOL GROUNDS THAT ALSO SERVE AS THE STUDENTS' PLACE OF RESIDENCE.

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COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
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(17 CCR 93115) (ATCM REPORTABLE)

6. ENGINE OPERATION IN RESPONSE TO NOTIFICATION OF AN IMPENDING ROTATING OUTAGE, SHALL BE SUBJECT TO ALL THE FOLLOWING RESTRICTIONS:
- (A) THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED.
 - (B) THE ENGINE IS OPERATED NO MORE THAN 30 MINUTES PRIOR TO THE TIME WHEN THE UTILITY DISTRIBUTION COMPANY OFFICIALLY FORECASTS A ROTATING OUTAGE IN THE CITED CONTROL AREA, AND
 - (C) THE ENGINE OPERATION IS TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IN EFFECT.

THIS CONDITION SHALL NOT APPLY TO ENGINES OPERATING PURSUANT TO THE ROLLING BLACKOUT REDUCTION PROGRAM AS DEFINED IN 17 CCR 93115 AND OPERATING IN ACCORDANCE WITH 17 CCR 93115 (E) (2) (F). (17CCR93115) (ATCM REPORTABLE)

7. A NON-RESETTING ENGINE HOUR METER SHALL BE INSTALLED ON THIS ENGINE, MAINTAINED IN GOOD WORKING ORDER, AND USED FOR RECORDING ENGINE OPERATION HOURS. IF A METER IS REPLACED, THE AIR POLLUTION CONTROL DISTRICT'S COMPLIANCE DIVISION SHALL BE NOTIFIED IN WRITING WITHIN 10 CALENDAR DAYS. THE WRITTEN NOTIFICATION SHALL INCLUDE THE FOLLOWING INFORMATION:
- (A) OLD METER'S HOUR READING
 - (B) REPLACEMENT METER'S MANUFACTURER NAME, MODEL AND SERIAL NUMBER IF AVAILABLE AND CURRENT HOUR READING ON REPLACEMENT METER
 - (C) COPY OF RECEIPT OF NEW METER OR OF INSTALLATION WORK ORDER.
- A COPY OF THE METER REPLACEMENT NOTIFICATION SHALL BE MAINTAINED ONSITE AND MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT UPON REQUEST.
(RULE 69.4.1, 17 CCR 93115)

8. THE OWNER OR OPERATOR OF THIS ENGINE SHALL CONDUCT PERIODIC MAINTENANCE OF THE ENGINE AND ADD-ON CONTROL EQUIPMENT, IF ANY, AS RECOMMENDED BY THE ENGINE AND CONTROL EQUIPMENT MANUFACTURERS OR AS SPECIFIED BY THE ENGINE SERVICING COMPANY'S MAINTENANCE PROCEDURES. THE PERIODIC MAINTENANCE SHALL BE CONDUCTED AT LEAST ONCE EACH CALENDAR YEAR. (RULE 69.4.1)

9. THE OWNER OR OPERATOR OF THE ENGINE SHALL MAINTAIN THE FOLLOWING RECORDS ON SITE FOR AT LEAST THE SAME PERIOD OF TIME AS THE ENGINE TO WHICH THE RECORDS APPLY IS LOCATED AT THE SITE:
- (A) DOCUMENTATION SHALL BE MAINTAINED IDENTIFYING THE FUEL AS CARB DIESEL.
 - (B) MANUAL OF RECOMMENDED MAINTENANCE PROVIDED BY THE MANUFACTURER, OR MAINTENANCE PROCEDURES SPECIFIED BY THE ENGINE SERVICING COMPANY; AND
 - (C) RECORDS OF ANNUAL ENGINE MAINTENANCE INCLUDING DATE THE MAINTENANCE WAS PERFORMED.

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COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
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THESE RECORDS SHALL BE MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT UPON REQUEST. (RULE 69.4.1) (17 CCR 93115)

10. THE OWNER OR OPERATOR OF THIS ENGINE SHALL MAINTAIN A MONTHLY OPERATING LOG CONTAINING, AT A MINIMUM, THE FOLLOWING:
 - (A) DATES AND TIMES OF ENGINE OPERATION WHETHER THE OPERATION WAS MAINTENANCE AND TESTING PURPOSES OR EMERGENCY USE; AND THE NATURE OF THE EMERGENCY, IF KNOWN;
 - (B) HOURS OF OPERATION FOR ALL USES OTHER THAN THOSE SPECIFIED ABOVE AND IDENTIFICATION OF THE NATURE OF THAT USE.(RULE 69.4.1, 17 CCR 93115)

11. THE OWNER OR OPERATOR SHALL DOCUMENT FUEL USE THROUGH THE RETENTION OF FUEL PURCHASE RECORDS THAT ACCOUNT FOR ALL FUEL USED IN THE ENGINE AND ALL FUEL PURCHASED FOR USE IN THE ENGINE, AND, AT A MINIMUM, CONTAIN THE FOLLOWING INFORMATION:
 - (A) AMOUNT OF FUEL PURCHASED
 - (B) DATE WHEN THE FUEL WAS PURCHASED
 - (C) SIGNATURE OF OWNER OR OPERATOR OR REPRESENTATIVE OF OWNER OR OPERATOR WHO RECEIVED THE FUEL.
 - (D) SIGNATURE OF FUEL PROVIDER INDICATING FUEL WAS DELIVERED; AND
 - (E) AMOUNT OF FUEL ADDED TO THE ENGINE TANK.(17 CCR 93115)

12. ALL OPERATIONAL AND MAINTENANCE LOGS AND FUEL USE AND TYPE AND PURCHASE RECORDS REQUIRED BY THIS PERMIT SHALL BE KEPT FOR A MINIMUM OF 36 MONTHS FROM THEIR DATE OF CREATION UNLESS OTHERWISE INDICATED BY THE CONDITIONS OF THIS PERMIT. THE RECORDS SHALL BE MAINTAINED ONSITE FOR A MINIMUM OF 24 MONTHS FROM THEIR DATE OF CREATION. RECORDS FOR THE LAST 24 MONTHS OF OPERATIONS SHALL BE MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT UPON REQUEST. RECORDS FOR OPERATION FOR THE LAST 25 TO 36 MONTHS SHALL BE MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT WITHIN 5 WORKING DAYS OF REQUEST. (69.4.1, 17 CCR 93115)

13. THE PERMITTEE SHALL NOTIFY THE AIR POLLUTION CONTROL DISTRICT COMPLIANCE DIVISION IMMEDIATELY UPON DETECTION OF ANY VIOLATION OF A CONDITION IDENTIFIED AS "ATCM REPORTABLE". SUCH VIOLATIONS SHALL BE SUBJECT TO AIR POLLUTION CONTROL DISTRICT COMPLIANCE ACTION. (17 CCR 93115)

14. ACCESS, FACILITIES, UTILITIES AND ANY NECESSARY SAFETY EQUIPMENT FOR SOURCE TESTING AND INSPECTION SHALL BE PROVIDED UPON REQUEST OF THE AIR POLLUTION CONTROL DISTRICT

15. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATIONS REQUIRED BY OTHER GOVERNMENTAL AGENCIES.

**CONTROL NO.
302463**

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858)586-2600 FAX(858)586-2601

**PERMIT NO
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EXPIRES
MAY 2009**

PERMIT TO OPERATE

16. THE PERMITTEE SHALL, UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.)

CONTROL NO.
318300

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858)586-2600 FAX(858)586-2601

PERMIT NO
976831
EXPIRES
MAY 2010

PERMIT TO OPERATE

THIS PERMIT IS NOT VALID UNTIL REQUIRED FEES ARE RECEIVED BY THE DISTRICT.

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT AS SPECIFIED. THIS PERMIT TO OPERATE OR A COPY MUST BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR READILY AVAILABLE ON THE OPERATING PREMISES.

GENENTECH INC
C/O GARY MERRILL
ONE ANTIBODY WY
OCEANSIDE CA

92056-0000

EQUIPMENT ADDRESS
TANOX WEST INC

11011 TORREYANA
SAN DIEGO CA

92121-0000

EQUIPMENT DESCRIPTION

EMERGENCY STANDBY ENGINE: CATERPILLAR DIESEL ENGINE, MODEL 3512B,
S/N 1GZ00544, 2155 BHP, EPA TIER 1 CERTIFIED OF ENGINE FAMILY NUMBER
1CPXL58.6ERK, DRIVING A 1500 KW GENERATOR.
(976831-CCN-2/02)(982390 1/05)
17CCR93115SJE11/05
TNO #986834 12828 34H01
Sector#:10 ID#:92162A PO#:976831 BEC#:13044
Fee Schedules: 49A01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULES 2, 10, 40, 50, 51, 67.17, 1200, 69.4.1.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

1. THIS EQUIPMENT SHALL NOT BE OPERATED AT ANY TIME EXCEPT WHERE LIMITED USE OF THIS EQUIPMENT IS ALLOWED WITHOUT A PERMIT TO OPERATE UNDER A RULE 11 EXEMPTION. THIS LIMITED USAGE SHALL BE SUBJECT TO ALL OTHER APPLICABLE PROHIBITORY RULES. ALL RECORDS AND DATA NECESSARY TO SUBSTANTIATE THIS RULE 11 EXEMPTION SHALL BE MAINTAINED ON SITE FOR A MINIMUM OF THREE CALENDAR YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
2. IF THE PREVIOUSLY APPLICABLE PERMIT TO OPERATE (PRIOR TO INACTIVATION) REQUIRED SOURCE TESTING, THE EQUIPMENT SHALL BE SOURCE TESTED WITHIN 60 CALENDAR DAYS OF PERMIT REACTIVATION. THIS SOURCE TESTING IS REQUIRED TO DEMONSTRATE COMPLIANCE WITH EMISSION STANDARDS CONTAINED IN THE PREVIOUSLY APPLICABLE PERMIT TO OPERATE, IT IS THE RESPONSIBILITY OF THE PERMITTEE TO SCHEDULE THE SOURCE TEST WITH THE DISTRICT. THE SOURCE TEST SHALL BE PERFORMED OR WITNESSED BY THE DISTRICT.
3. THE PERMITTEE SHALL SUBMIT AN APPLICATION AND OBTAIN WRITTEN APPROVAL FROM THE DISTRICT PRIOR TO OPERATING THE EQUIPMENT UNDER INACTIVE STATUS. IN THE EVENT NEW OR ADDITIONAL REQUIREMENTS ARE APPLICABLE TO THIS EQUIP-

CONTROL NO.
318300

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858) 586-2600 FAX(858) 586-2601

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MENT UPON REACTIVATION, THE PERMITTEE SHALL SUBMIT AN APPLICATION AND ADDITIONAL INFORMATION WITH CORRESPONDING FEES TO DEMONSTRATE HOW THE PERMITTEE WILL COMPLY WITH THE NEW OR ADDITIONAL REQUIREMENTS AND TO ADD CORRESPONDING PERMIT CONDITIONS.

4. ACCESS, FACILITIES, UTILITIES AND ANY NECESSARY SAFETY EQUIPMENT FOR SOURCE TESTING AND INSPECTION SHALL BE PROVIDED UPON REQUEST OF THE AIR POLLUTION CONTROL DISTRICT
5. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATIONS REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
6. THE PERMITTEE SHALL, UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.)

CONTROL NO.
255571

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858)650-4700 FAX(858)650-4659

PERMIT NO
976831
EXPIRES
MAY 2005

PERMIT TO OPERATE

THIS PERMIT IS NOT VALID UNTIL REQUIRED FEES ARE RECEIVED BY THE DISTRICT.

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION EXCEPT AS SPECIFIED. THIS PERMIT TO OPERATE OR A COPY MUST BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR READILY AVAILABLE ON THE OPERATING PREMISES.

TANOX WEST INC

10555 STELLA LINK
HOUSTON TX

77025-0000

EQUIPMENT ADDRESS

TANOX WEST INC

11011 TORREYANA
SAN DIEGO, CA

92121-0000

EQUIPMENT DESCRIPTION

REVISED COPY

EMERGENCY STANDBY ENGINE: CATERPILLAR DIESEL ENGINE, MODEL 3512B,
S/N 1GZ00544, 2155 BHP, EPA TIER 1 CERTIFIED OF ENGINE FAMILY NUMBER
1CPXL58.6ERK, DRIVING A 1500 KW GENERATOR.

(976831-CCN-2/02) (982390 1/05)
bwc

Sector#:10 ID#:92162A PO#:976831 BEC#:12064

Fee Schedules: 34H01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULES 2, 10, 40, 50, 51, 67.17, 1200, 69.4.1.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

1. THE EMISSIONS OF OXIDES OF NITROGEN (NOX) IN PARTS PER MILLION (PPMV), CALCULATED AS NITROGEN DIOXIDE, SHALL NOT EXCEED 6.9 G/BHP-HR, OR 535 PPMV AT 15% OXYGEN ON A DRY BASIS.
2. THE EMISSIONS OF CARBON MONOXIDE (CO) CALCULATED AT 15% OXYGEN ON A DRY BASIS, SHALL NOT EXCEED 4,500 PPMV.
3. THIS ENGINE SHALL USE ONLY CALIFORNIA VEHICULAR DIESEL FUEL. RECORDS OF CALIFORNIA DIESEL FUEL CERTIFICATION SHALL BE MAINTAINED ON SITE AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
4. VISIBLE EMISSIONS INCLUDING CRANK CASE SMOKE SHALL COMPLY WITH RULE 50.
5. RULE 51-PUBLIC NUISANCE: EQUIPMENT SHALL NOT CAUSE OR CONTRIBUTE TO PUBLIC NUISANCE.
6. THIS INTERNAL COMBUSTION ENGINE SHALL NOT EXCEED 52 HOURS OF OPERATION

JAN 27 2005

CONTROL NO.
255571

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 650-4700 FAX (858) 650-4659

PERMIT NO
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MAY 2005

PERMIT TO OPERATE

PER CALENDAR YEAR FOR NON-EMERGENCY PURPOSES (TESTING AND MAINTENANCE).

7. THIS INTERNAL COMBUSTION ENGINE SHALL NOT EXCEED A TOTAL OF 200 HOURS OF OPERATION PER CALENDAR YEAR.
8. A NON RESETTABLE ENGINE HOUR METER SHALL BE MAINTAINED IN GOOD WORKING ORDER AND USED FOR RECORDING OPERATING HOURS. THE DISTRICT'S COMPLIANCE DIVISION SHALL BE NOTIFIED PRIOR TO REPLACEMENT OF THE HOUR METER.
9. THE OWNER OR OPERATOR SHALL CONDUCT PERIODIC MAINTENANCE OF EACH ENGINE AND ADD-ON CONTROL EQUIPMENT AS RECOMMENDED BY THE ENGINE AND CONTROL EQUIPMENT MANUFACTURERS OR AS SPECIFIED BY ANY OTHER MAINTENANCE PROCEDURE APPROVED IN ADVANCE, IN WRITING, BY THE DISTRICT.
10. THE OWNER OR OPERATOR OF THE ENGINE SHALL KEEP THE FOLLOWING RECORDS: CALIFORNIA DIESEL FUEL CERTIFICATION, MANUAL OF RECOMMENDED MAINTENANCE PROVIDED BY THE MANUFACTURER, OR OTHER MAINTENANCE PROCEDURES AS APPROVED IN WRITING, IN ADVANCE, BY THE DISTRICT. THESE RECORDS SHALL BE KEPT ON SITE FOR AT LEAST THE SAME PERIOD OF TIME, AS THE ENGINE TO WHICH THE RECORDS APPLY IS LOCATED AT THE SITE, AND SHALL BE MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT UPON REQUEST.
11. THE OWNER OR OPERATOR OF THIS ENGINE SHALL MAINTAIN AN OPERATING LOG CONTAINING, AT A MINIMUM, THE FOLLOWING: DATES AND TIMES OF ENGINE OPERATION, INDICATING WHETHER THE OPERATION WAS FOR NON-EMERGENCY PURPOSES OR DURING AN EMERGENCY SITUATION AND THE NATURE OF THE EMERGENCY, IF AVAILABLE (THESE RECORDS ARE NOT REQUIRED IF THE TOTAL ENGINE OPERATION FOR ANY PURPOSE, INCLUDING EMERGENCY SITUATION, DO NOT EXCEED 52 HOURS IN A CALENDAR YEAR); TOTAL CUMULATIVE HOURS OF OPERATION PER CALENDAR YEAR, BASED ON ACTUAL READINGS OF ENGINE HOUR OR FUEL METER; RECORDS OF PERIODIC MAINTENANCE INCLUDING DATES MAINTENANCE WAS PERFORMED.
12. ALL OPERATIONAL AND MAINTENANCE LOGS REQUIRED BY THIS PERMIT SHALL BE KEPT A MINIMUM OF 3 YEARS UNLESS OTHERWISE INDICATED BY THE CONDITIONS OF THIS PERMIT, AND THESE RECORDS SHALL BE MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT UPON REQUEST.
13. ACCESS, FACILITIES, UTILITIES AND ANY NECESSARY SAFETY EQUIPMENT FOR SOURCE TESTING AND INSPECTION SHALL BE PROVIDED UPON REQUEST OF THE AIR POLLUTION CONTROL DISTRICT.
14. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATIONS REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
15. THE PERMITTEE SHALL, UPON DETERMINATION OF APPLICABILITY AND WRITTEN

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COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 650-4700 FAX (858) 650-4659

PERMIT NO
976831
EXPIRES
MAY 2005

PERMIT TO OPERATE

NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF
THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA
HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.)

CONTROL NO.
267994

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 650-4700 FAX (858) 650-4659

PERMIT NO
976831
EXPIRES
MAY 2006

PERMIT TO OPERATE

THIS PERMIT IS NOT VALID UNTIL REQUIRED FEES ARE RECEIVED BY THE DISTRICT.

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION EXCEPT AS SPECIFIED. THIS PERMIT TO OPERATE OR A COPY MUST BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR READILY AVAILABLE ON THE OPERATING PREMISES.

TANOX WEST INC
SAYA GODWIN
11011 TORREYANA RD
SAN DIEGO CA

92121-0000

EQUIPMENT ADDRESS

TANOX WEST INC
11011 TORREYANA
SAN DIEGO, CA

92121-0000

EQUIPMENT DESCRIPTION

REVISED COPY

EMERGENCY STANDBY ENGINE: CATERPILLAR DIESEL ENGINE, MODEL 3512B,
S/N 1GZ00544, 2155 BHP, EPA TIER 1 CERTIFIED OF ENGINE FAMILY NUMBER
1CPXL58.6ERK, DRIVING A 1500 KW GENERATOR.
(976831-CCN-2/02) (982390 1/05)
17CCR93115SJE11/05

Sector#:10 ID#:92162A PO#:976831 BEC#:12828
Fee Schedules: 34H01 34K01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULES 2, 10, 40, 50, 51, 67.17, 1200, 69.4.1.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

1. ENGINE OPERATION FOR MAINTENANCE & TESTING PURPOSES CONDUCTED PRIOR TO JANUARY 1, 2006 SHALL NOT EXCEED 52 HOURS PER CALENDAR YEAR.
(RULE 20.1, 69.4.1)
2. ENGINE OPERATION FOR MAINTENANCE & TESTING PURPOSES CONDUCTED ON AND AFTER JANUARY 1, 2006, SHALL NOT EXCEED 30 HOURS PER CALENDAR YEAR.
(17 CCR 93115) (ATCM REPORTABLE)
3. THIS ENGINE SHALL ONLY USE CARB DIESEL FUEL. (RULE 69.4.1, 17 CCR 93115)
4. VISIBLE EMISSIONS INCLUDING CRANK CASE SMOKE SHALL COMPLY WITH AIR POLLUTION CONTROL DISTRICT RULE 50. (RULE 50)
5. THE EQUIPMENT DESCRIBED ABOVE SHALL NOT CAUSE OR CONTRIBUTE TO A PUBLIC NUISANCE. (RULE 51)
6. THIS ENGINE SHALL NOT OPERATE FOR NON-EMERGENCY USE DURING THE FOLLOWING

DEC 02 2005

1

Permit Conditions Contd....

CONTROL NO.
267994

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 650-4700 FAX (858) 650-4659

PERMIT NO
976831
EXPIRES
MAY 2006

PERMIT TO OPERATE

PERIODS, AS APPLICABLE:

(A) WHENEVER THERE IS ANY SCHOOL SPONSORED ACTIVITY, IF ENGINE IS LOCATED ON SCHOOL GROUNDS OR

(B) BETWEEN 7:30AM AND 3:30PM ON DAYS WHEN SCHOOL IS IN SESSION, IF THE ENGINE IS LOCATED WITHIN 500 FEET OF, BUT NOT ON, SCHOOL GROUNDS. THIS CONDITION SHALL NOT APPLY TO AN ENGINE LOCATED AT OR NEAR ANY SCHOOL GROUNDS THAT ALSO SERVE AS THE STUDENTS' PLACE OF RESIDENCE.

(17 CCR 93115) (ATCM REPORTABLE)

7. ENGINE OPERATION IN RESPONSE TO NOTIFICATION OF AN IMPENDING ROTATING OUTAGE, SHALL BE SUBJECT TO ALL THE FOLLOWING RESTRICTIONS:

(A) THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED.

(B) THE ENGINE IS OPERATED NO MORE THAN 30 MINUTES PRIOR TO THE TIME WHEN THE UTILITY DISTRIBUTION COMPANY OFFICIALLY FORECASTS A ROTATING OUTAGE IN THE CITED CONTROL AREA, AND

(C) THE ENGINE OPERATION IS TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IN EFFECT.

THIS CONDITION SHALL NOT APPLY TO ENGINES OPERATING PURSUANT TO THE ROLLING BLACKOUT REDUCTION PROGRAM AS DEFINED IN 17 CCR 93115 AND OPERATING IN ACCORDANCE WITH 17 CCR 93115 (E) (2) (F). (17CCR93115) (ATCM REPORTABLE)

8. A NON-RESETTABLE ENGINE HOUR METER SHALL BE INSTALLED ON THIS ENGINE, MAINTAINED IN GOOD WORKING ORDER, AND USED FOR RECORDING ENGINE OPERATION HOURS. IF A METER IS REPLACED, THE AIR POLLUTION CONTROL DISTRICT'S COMPLIANCE DIVISION SHALL BE NOTIFIED IN WRITING WITHIN 10 CALENDAR DAYS. THE WRITTEN NOTIFICATION SHALL INCLUDE THE FOLLOWING INFORMATION:

(A) OLD METER'S HOUR READING

(B) REPLACEMENT METER'S MANUFACTURER NAME, MODEL AND SERIAL NUMBER IF AVAILABLE AND CURRENT HOUR READING ON REPLACEMENT METER

(C) COPY OF RECEIPT OF NEW METER OR OF INSTALLATION WORK ORDER.

A COPY OF THE METER REPLACEMENT NOTIFICATION SHALL BE MAINTAINED ONSITE AND MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT UPON REQUEST.

(RULE 69.4.1, 17 CCR 93115)

9. THE OWNER OR OPERATOR THIS ENGINE SHALL CONDUCT PERIODIC MAINTENANCE OF THE ENGINE AND ADD-ON CONTROL EQUIPMENT, IF ANY, AS RECOMMENDED BY THE ENGINE AND CONTROL EQUIPMENT MANUFACTURERS OR AS SPECIFIED BY THE ENGINE SERVICING COMPANY'S MAINTENANCE PROCEDURES. THE PERIODIC MAINTENANCE SHALL BE CONDUCTED AT LEAST ONCE EACH CALENDAR YEAR. (RULE 69.4.1)

10. THE OWNER OR OPERATOR OF THE ENGINE SHALL MAINTAIN THE FOLLOWING RECORDS

CONTROL NO.
267994

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 650-4700 FAX (858) 650-4659

PERMIT NO
976831
EXPIRES
MAY 2006

PERMIT TO OPERATE

ON SITE FOR AT LEAST THE SAME PERIOD OF TIME AS THE ENGINE TO WHICH THE RECORDS APPLY IS LOCATED AT THE SITE:

- (A) DOCUMENTATION SHALL BE MAINTAINED IDENTIFYING THE FUEL AS CARB DIESEL.
- (B) MANUAL OF RECOMMENDED MAINTENANCE PROVIDED BY THE MANUFACTURER, OR MAINTENANCE PROCEDURES SPECIFIED BY THE ENGINE SERVICING COMPANY; AND
- (C) RECORDS OF ANNUAL ENGINE MAINTENANCE INCLUDING DATE THE MAINTENANCE WAS PERFORMED.

THESE RECORDS SHALL BE MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT UPON REQUEST. (RULE 69.4.1) (17 CCR 93115)

- 11. THE OWNER OR OPERATOR OF THIS ENGINE SHALL MAINTAIN A MONTHLY OPERATING LOG CONTAINING, AT A MINIMUM, THE FOLLOWING:
 - (A) DATES AND TIMES OF ENGINE OPERATION WHETHER THE OPERATION WAS MAINTENANCE AND TESTING PURPOSES OR EMERGENCY USE; AND THE NATURE OF THE EMERGENCY, IF KNOWN;
 - (B) HOURS OF OPERATION FOR ALL USES OTHER THAN THOSE SPECIFIED ABOVE AND IDENTIFICATION OF THE NATURE OF THAT USE.(RULE 69.4.1, CCR 93115)

- 12. THE OWNER OR OPERATOR SHALL DOCUMENT FUEL USE THROUGH THE RETENTION OF FUEL PURCHASE RECORDS THAT ACCOUNT FOR ALL FUEL USED IN THE ENGINE AND ALL FUEL PURCHASED FOR USE IN THE ENGINE, AND, AT A MINIMUM, CONTAIN THE FOLLOWING INFORMATION:
 - (A) AMOUNT OF FUEL PURCHASED
 - (B) DATE WHEN THE FUEL WAS PURCHASED
 - (C) SIGNATURE OF OWNER OR OPERATOR OR REPRESENTATIVE OF OWNER OR OPERATOR WHO RECEIVED THE FUEL.
 - (D) SIGNATURE OF FUEL PROVIDER INDICATING FUEL WAS DELIVERED; AND
 - (E) AMOUNT OF FUEL ADDED TO THE ENGINE TANK.(17 CCR 93115)

- 13. ALL OPERATIONAL AND MAINTENANCE LOGS AND FUEL USE AND TYPE AND PURCHASE RECORDS REQUIRED BY THIS PERMIT SHALL BE KEPT FOR A MINIMUM OF 36 MONTHS FROM THEIR DATE OF CREATION UNLESS OTHERWISE INDICATED BY THE CONDITIONS OF THIS PERMIT. THE RECORDS SHALL BE MAINTAINED ONSITE FOR A MINIMUM OF 24 MONTHS FROM THEIR DATE OF CREATION. RECORDS FOR THE LAST 24 MONTHS OF OPERATIONS SHALL BE MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT UPON REQUEST. RECORDS FOR OPERATION FOR THE LAST 25 TO 36 MONTHS SHALL BE MADE AVAILABLE TO THE AIR POLLUTION CONTROL DISTRICT WITHIN 5 WORKING DAYS OF REQUEST. (69.4.1, 17 CCR 93115)

- 14. THE PERMITTEE SHALL NOTIFY THE AIR POLLUTION CONTROL DISTRICT COMPLIANCE

CONTROL NO.
267994

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096
(858) 650-4700 FAX (858) 650-4659

PERMIT NO
976831
EXPIRES
MAY 2006

PERMIT TO OPERATE

DIVISION IMMEDIATELY UPON DETECTION OF ANY VIOLATION OF A CONDITION IDENTIFIED AS "ATCM REPORTABLE". SUCH VIOLATIONS SHALL BE SUBJECT TO AIR POLLUTION CONTROL DISTRICT COMPLIANCE ACTION.
(17 CCR 93115)

15. ACCESS, FACILITIES, UTILITIES AND ANY NECESSARY SAFETY EQUIPMENT FOR SOURCE TESTING AND INSPECTION SHALL BE PROVIDED UPON REQUEST OF THE AIR POLLUTION CONTROL DISTRICT.
16. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATIONS REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
17. THE PERMITTEE SHALL, UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.)

CONTROL NO.
307268

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858)586-2600 FAX(858)586-2601

PERMIT NO
976831
EXPIRES
MAY 2009

PERMIT TO OPERATE

THIS PERMIT IS NOT VALID UNTIL REQUIRED FEES ARE RECEIVED BY THE DISTRICT.

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION EXCEPT AS SPECIFIED. THIS PERMIT TO OPERATE OR A COPY MUST BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR READILY AVAILABLE ON THE OPERATING PREMISES.

GENENTECH INC
C/O GARY MERRILL
ONE ANTIBODY WY
OCEANSIDE CA

92056-0000

EQUIPMENT ADDRESS

TANOX WEST INC

11011 TORREYANA
SAN DIEGO, CA

92121-0000

EQUIPMENT DESCRIPTION

REVISED COPY

EMERGENCY STANDBY ENGINE: CATERPILLAR DIESEL ENGINE, MODEL 3512B,
S/N 1GZ00544, 2155 BHP, EPA TIER 1 CERTIFIED OF ENGINE FAMILY NUMBER
1CPXL58.6ERK, DRIVING A 1500 KW GENERATOR.
(976831-CCN-2/02) (982390 1/05)
17CCR93115SJE11/05
TNO #986834 12828 34H01

Sector#:10 ID#:92162A PO#:976831 BEC#:13044
Fee Schedules: 49A01

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULES 2, 10, 40, 50, 51, 67.17, 1200, 69.4.1.

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

1. THIS EQUIPMENT SHALL NOT BE OPERATED AT ANY TIME EXCEPT WHERE LIMITED USE OF THIS EQUIPMENT IS ALLOWED WITHOUT A PERMIT TO OPERATE UNDER A RULE 11 EXEMPTION. THIS LIMITED USAGE SHALL BE SUBJECT TO ALL OTHER APPLICABLE PROHIBITORY RULES. ALL RECORDS AND DATA NECESSARY TO SUBSTANTIATE THIS RULE 11 EXEMPTION SHALL BE MAINTAINED ON SITE FOR A MINIMUM OF THREE CALENDAR YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
2. IF THE PREVIOUSLY APPLICABLE PERMIT TO OPERATE (PRIOR TO INACTIVATION) REQUIRED SOURCE TESTING, THE EQUIPMENT SHALL BE SOURCE TESTED WITHIN 60 CALENDAR DAYS OF PERMIT REACTIVATION. THIS SOURCE TESTING IS REQUIRED TO DEMONSTRATE COMPLIANCE WITH EMISSION STANDARDS CONTAINED IN THE PREVIOUSLY APPLICABLE PERMIT TO OPERATE, IT IS THE RESPONSIBILITY OF THE PERMITTEE TO SCHEDULE THE SOURCE TEST WITH THE DISTRICT. THE SOURCE TEST SHALL BE PERFORMED OR WITNESSED BY THE DISTRICT.
3. THE PERMITTEE SHALL SUBMIT AN APPLICATION AND OBTAIN WRITTEN APPROVAL

JUL 31 2008

CONTROL NO.
307268

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT NO
976831
EXPIRES
MAY 2009

PERMIT TO OPERATE

FROM THE DISTRICT PRIOR TO OPERATING THE EQUIPMENT UNDER INACTIVE STATUS. IN THE EVENT NEW OR ADDITIONAL REQUIREMENTS ARE APPLICABLE TO THIS EQUIPMENT UPON REACTIVATION, THE PERMITTEE SHALL SUBMIT AN APPLICATION AND ADDITIONAL INFORMATION WITH CORRESPONDING FEES TO DEMONSTRATE HOW THE PERMITTEE WILL COMPLY WITH THE NEW OR ADDITIONAL REQUIREMENTS AND TO ADD CORRESPONDING PERMIT CONDITIONS.

4. ACCESS, FACILITIES, UTILITIES AND ANY NECESSARY SAFETY EQUIPMENT FOR SOURCE TESTING AND INSPECTION SHALL BE PROVIDED UPON REQUEST OF THE AIR POLLUTION CONTROL DISTRICT.
5. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATIONS REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
6. THE PERMITTEE SHALL, UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.)



Inspection Checklist

INSPECTOR: **Melanie Sanchez**
 INSPECTION DATE: **10/01/2020**

FACILITY NAME: **Alliance Diversified Holdings LLC**
 LOCATION ADDRESS: **11011 Torreyana**
 LOCATION CITY/ZIP: **San Diego, 92121**
 SITE ID: **APCD2012-SITE-01190**
 RECORD ID: **APCD2013-PTO-001530**
 FACILITY REPRESENTATIVE: **Bob Fischer**
 TITLE: **Facilities Manager**
 PHONE: **619-609-8559**
 EMAIL:

Emergency standby engine: Detroit Diesel/MTU diesel engine, Model 12V2000 G84 R123-8A36 (S/N: 5352005377) , rated at 1120 BHP, Model Year 2007, EPA Tier 2 certified of Engine Family Number 7MDDL31.8XRR, driving a 750 KW generator. Equipped with turbocharger and aftercooler.

Equipment Type
[34H] California Certified Emergency Standby Engine

Reason for Inspection:

Authority to Operate (Rule 10) Review:

- Equipment (including controls) manufacturer, model & serial number matches permit/certificate/application? Yes No
- Permit/certificate current and posted/readily available? Yes No

<u>Expiration Status</u> Active	<u>Expiration Date</u> 4/30/2021
------------------------------------	-------------------------------------
- Ownership verified? Yes No
Equipment Owner
- Engine running during inspection? Yes No
 If yes, is visible emissions standard met? [Rule 50] UTV Yes No

FUEL & HOUR METER

- Fuel(s): CARB diesel Natural gas Propane Gasoline Biodiesel Other _____
 If CARB diesel, is documentation maintained identifying fuels as such? [17 CCR § 93115.10(f)(1)(H)1.] Yes No
- Engine equipped with a properly working hour meter? [17 CCR § 93115.10(d)(1) / R12(d)(3) / R69.4.1(e)(3)] Yes No
- Facility changed out the hour meter since the last inspection? Yes No
 If yes, did the Facility notify Compliance Division of the change? UTV Yes No

RECORDS REVIEW & OPERATING HOURS

- Records of engine operation properly maintained? Yes No

Engine Hours Reading Date	10/01/2020	02/27/2019	01/01/2018
FIRST reading of year	44.2	35	28
LAST reading of year	48.8	44.2	35
Total usage (LAST-FIRST)	4.6	9.2	7
Emergency Use	1.8	0	0
Other usage (e.g. valid breakdowns)	0	0	0
Testing & Maintenance (T&M)	2.8	9.2	7
T&M limit in permit	50	50	50
Hour reading on inspection date	48.8		

NEAR/ON SCHOOL PROVISIONS (for diesel engines not equipped with DPF)

14. Exhaust stack located within 500 feet of a school or on school grounds (not boarding schools)?¹ N/A Yes No
15. If yes, is engine operated for non-emergency purposes: [17 CCR § 93115.6(a)(1) / (b)(2) / (c)(2)(A)]
- A. Before 7:30 AM and after 3:30 PM, if school in session (engines within 500 feet of school) UTV Yes No
- B. Outside of school-sponsored activities (engines on school grounds) UTV Yes No

MAINTENANCE

16. Periodic maintenance performed on engine/DPF at least once per calendar year? [R69.4.1(f)] N/A Yes No
17. Records of periodic maintenance/owner's manual maintained on site readily available? [R69.4.1(g)(1)(iv)] N/A Yes No
18. Did facility comply with NESHAP ZZZZ maintenance requirements? If so, how? N/A Yes No

Every 500 operating hours or annually, whichever is first:

A. Oil & filter (3 ways to comply):

- Oil & filter changed
- Oil tested² and passed
- Oil tested² and failed, but oil changed within 2 business days (of receiving results or operating)
- Did not comply

B. Hoses & Belts inspected, replaced if needed: Yes No

Every 1000 operating hours or annually, whichever is first:

C. Air Cleaner inspected, replaced if needed: Yes No

D. Spark plugs inspected, replaced if needed (non-diesel only): N/A Yes No

ENFORCEMENT DOCUMENTS & NOTES

19. Site advised of permit/certificate conditions & applicable rules including maintenance, logs, etc? Yes No
20. Facility in compliance with all permit conditions not addressed above? Yes No
21. Permit/certificate conditions reviewed (current/enforceable)? Yes No
- If changes needed, permit condition change request submitted? N/A Yes No
22. Any enforcement documents issued? None CAR NTC NOV

Notes

Facilities Manager, Bob Fischer, was out of town on date of inspection. Robert Chavez, EHS Consultant at Bioduro, and additional Bioduro staff assisted and granted me access to the equipment.

The engine operating log kept with the generator contained entries for period: 09/24/19-10/1/20. I called Mr. Fischer and requested records for dates prior to 09/24/19. He stated he kept those records in his office and told me he could send them to me when he returned from vacation (a week from the inspection date). I asked if anyone else could access them. He said no.

Based on the last inspection report, T&M limit was not surpassed.

An NTC was issued for violation of Rule 69.4.1 (g)(2)(i) / Rule 21 Condition 12 (a) - failing to maintain an operating log containing dates, elapsed times, and nature of use, of every instance of engine operation. Specifically, no records of engine operation were

Photographs taken:

Inspector's signature:

Report Date: **10/01/2020**

Supervisor's approval:

Approval Date: **11/10/2020**

Acronyms:

- UTV= Unable to Verify
- CARB = California Air Resources Board
- NESHAP = National Emission Standards for Hazardous Air Pollutants
- DPF= Diesel Particulate Filter
- NTC = Notice to Comply
- NOV = Notice of Violation
- CAR = Corrective Action Report



Inspection Checklist

INSPECTOR: **Devin Wheeler**
 INSPECTION DATE: **10/9/2017**

FACILITY NAME: **Alliance Diversified Holdings LLC**
 LOCATION ADDRESS: **11011 Torreyana**
 LOCATION CITY/ZIP: **San Diego, 92121**
 SITE ID: **APCD2012-SITE-01190**
 RECORD ID: **APCD2013-PTO-001530**
 FACILITY REPRESENTATIVE: **Bob Fischer**
 TITLE: **Facilities Manager**
 PHONE: **619-609-8559**
 EMAIL:

Emergency standby engine: Detroit Diesel/MTU diesel engine, Model 12V2000 G84 R123-8A36 (S/N: 5352005377) , rated at 1120 BHP, Model Year 2007, EPA Tier 2 certified of Engine Family Number 7MDDL31.8XRR, driving a 750 KW generator. Equipped with turbocharger and aftercooler.

Equipment Type
[34H] California Certified Emergency Standby Engine

Reason for Inspection:

Authority to Operate (Rule 10) Review:

- Equipment (including controls) manufacturer, model & serial number matches permit/certificate/application? Yes No
- Permit/certificate current and posted/readily available? Yes No

<u>Expiration Status</u> Active	<u>Expiration Date</u> 4/30/2018
------------------------------------	-------------------------------------
- Ownership verified? Yes No
Equipment Owner
- Engine running during inspection? Yes No
 If yes, is visible emissions standard met? [Rule 50] UTV Yes No

FUEL & HOUR METER

- Fuel(s): CARB diesel Natural gas Propane Gasoline Biodiesel Other _____
 If CARB diesel, is documentation maintained identifying fuels as such? [17 CCR § 93115.10(f)(1)(H)1.] Yes No
- Engine equipped with a properly working hour meter? [17 CCR § 93115.10(d)(1) / R12(d)(3) / R69.4.1(e)(3)] Yes No
- Facility changed out the hour meter since the last inspection? Yes No
 If yes, did the Facility notify Compliance Division of the change? UTV Yes No

RECORDS REVIEW & OPERATING HOURS

- Records of engine operation properly maintained? Yes No

Engine Hours Reading Date	09/18/2017	01-01-2016	12/29/2015
FIRST reading of year	28	20.1	7.7
LAST reading of year	34.2	28	20.1
Total usage (LAST-FIRST)	6.2	7.9	12.4
Emergency Use	0	0	0
Other usage (e.g. valid breakdowns)	0	0	0
Testing & Maintenance (T&M)	6.2	7.9	12.4
T&M limit in permit	50	50	50
Hour reading on inspection date	34.2		19.1

NEAR/ON SCHOOL PROVISIONS (for diesel engines not equipped with DPF)

14. Exhaust stack located within 500 feet of a school or on school grounds (not boarding schools)?¹ N/A Yes No
15. If yes, is engine operated for non-emergency purposes: [17 CCR § 93115.6(a)(1) / (b)(2) / (c)(2)(A)]
- A. Before 7:30 AM and after 3:30 PM, if school in session (engines within 500 feet of school) UTV Yes No
- B. Outside of school-sponsored activities (engines on school grounds) UTV Yes No

MAINTENANCE

16. Periodic maintenance performed on engine/DPF at least once per calendar year? [R69.4.1(f)] N/A Yes No
17. Records of periodic maintenance/owner's manual maintained on site readily available? [R69.4.1(g)(1)(iv)] N/A Yes No
18. Did facility comply with NESHAP ZZZZ maintenance requirements? If so, how? N/A Yes No
- Every 500 operating hours or annually, whichever is first:
- A. Oil & filter (3 ways to comply):
- Oil & filter changed
 - Oil tested² and passed
 - Oil tested² and failed, but oil changed within 2 business days (of receiving results or operating)
 - Did not comply
- B. Hoses & Belts inspected, replaced if needed: Yes No
- Every 1000 operating hours or annually, whichever is first:
- C. Air Cleaner inspected, replaced if needed: Yes No
- D. Spark plugs inspected, replaced if needed (non-diesel only): N/A Yes No

ENFORCEMENT DOCUMENTS & NOTES

19. Site advised of permit/certificate conditions & applicable rules including maintenance, logs, etc? Yes No
20. Facility in compliance with all permit conditions not addressed above? Yes No
21. Permit/certificate conditions reviewed (current/enforceable)? Yes No
- If changes needed, permit condition change request submitted? N/A Yes No
22. Any enforcement documents issued? None CAR NTC NOV

Notes

**Periodic maintenance performed by Global Power.
Generator located back of building.
Generator is used for emergency back up power in case of power loss.
Bob Fisher is the point of contact. bob.fischer@bridgewestgroup.com**

Photographs taken:

Inspector's signature:

Report Date: **10/09/2017**

Supervisor's approval:

Approval Date: **10/16/2017**

Acronyms:

- UTV= Unable to Verify
- CARB = California Air Resources Board
- NESHAP = National Emission Standards for Hazardous Air Pollutants
- DPF= Diesel Particulate Filter
- NTC = Notice to Comply
- NOV = Notice of Violation
- CAR = Corrective Action Report



Inspection Checklist

INSPECTOR: **Lindsay DiPaolo**
 INSPECTION DATE: **12/16/2021**

FACILITY NAME: **Alliance Diversified Holdings LLC**
 LOCATION ADDRESS: **11011 Torreyana**
 LOCATION CITY/ZIP: **San Diego, 92121**
 SITE ID: **APCD2012-SITE-01190**
 RECORD ID: **APCD2013-PTO-001530**
 FACILITY REPRESENTATIVE: **Les Winchester**
 TITLE: **Director of Facilities, Building Manager**
 PHONE: **650-787-5643**
 EMAIL:

Emergency standby engine: Detroit Diesel/MTU diesel engine, Model 12V2000 G84 R123-8A36 (S/N: 5352005377) , rated at 1120 BHP, Model Year 2007, EPA Tier 2 certified of Engine Family Number 7MDDL31.8XRR, driving a 750 KW generator. Equipped with turbocharger and aftercooler.

Equipment Type
[34H] California Certified Emergency Standby Engine

Reason for Inspection:

Authority to Operate (Rule 10) Review:

- Equipment (including controls) manufacturer, model & serial number matches permit/certificate/application? Yes No
- Permit/certificate current and posted/readily available? Yes No

<small>Expiration Status</small> Active	<small>Expiration Date</small> 4/30/2022
--	---
- Ownership verified? Yes No
Equipment Owner
- Engine running during inspection? Yes No
 If yes, is visible emissions standard met? [Rule 50] UTV Yes No

FUEL & HOUR METER

- Fuel(s): CARB diesel Natural gas Propane Gasoline Biodiesel Other _____
 If CARB diesel, is documentation maintained identifying fuels as such? [17 CCR § 93115.10(f)(1)(H)1.] Yes No
- Engine equipped with a properly working hour meter? [17 CCR § 93115.10(d)(1) / R12(d)(3) / R69.4.1(e)(3)] Yes No
- Facility changed out the hour meter since the last inspection? Yes No
 If yes, did the Facility notify Compliance Division of the change? UTV Yes No

RECORDS REVIEW & OPERATING HOURS

- Records of engine operation properly maintained? Yes No

Engine Hours Reading Date	12/16/2021	10/1/2020	2/27/2019
FIRST reading of year	48.8	44.2	35
LAST reading of year	55.8	48.8	44.2
Total usage (LAST-FIRST)	7	4.6	9.2
Emergency Use	0	1.8	0
Other usage (e.g. valid breakdowns)	0	0	0
Testing & Maintenance (T&M)	7	2.8	9.2
T&M limit in permit	50	50	50
Hour reading on inspection date	55.8		

NEAR/ON SCHOOL PROVISIONS (for diesel engines not equipped with DPF)

14. Exhaust stack located within 500 feet of a school or on school grounds (not boarding schools)?¹ N/A Yes No
15. If yes, is engine operated for non-emergency purposes: [17 CCR § 93115.6(a)(1) / (b)(2) / (c)(2)(A)]
- A. Before 7:30 AM and after 3:30 PM, if school in session (engines within 500 feet of school) UTV Yes No
- B. Outside of school-sponsored activities (engines on school grounds) UTV Yes No

MAINTENANCE

16. Periodic maintenance performed on engine/DPF at least once per calendar year? [R69.4.1(f)] N/A Yes No
17. Records of periodic maintenance/owner's manual maintained on site readily available? [R69.4.1(g)(1)(iv)] N/A Yes No
18. Did facility comply with NESHAP ZZZZ maintenance requirements? If so, how? N/A Yes No

Every 500 operating hours or annually, whichever is first:

A. Oil & filter (3 ways to comply):

- Oil & filter changed
- Oil tested² and passed
- Oil tested² and failed, but oil changed within 2 business days (of receiving results or operating)
- Did not comply

B. Hoses & Belts inspected, replaced if needed: Yes No

Every 1000 operating hours or annually, whichever is first:

C. Air Cleaner inspected, replaced if needed: Yes No

D. Spark plugs inspected, replaced if needed (non-diesel only): N/A Yes No

ENFORCEMENT DOCUMENTS & NOTES

19. Site advised of permit/certificate conditions & applicable rules including maintenance, logs, etc? Yes No
20. Facility in compliance with all permit conditions not addressed above? Yes No
21. Permit/certificate conditions reviewed (current/enforceable)? Yes No
- If changes needed, permit condition change request submitted? N/A Yes No
22. Any enforcement documents issued? None CAR NTC NOV

Notes

Annual PM conducted by Global Power Group 5/16/2021

GIS mapping complete

Facility has 2 logs at engine, one from 9/24/2019 - 9/9/2021 and another log beginning from 2013 through 12/15/2021. Both were provided for review. Last year 2019, facility received NTC for no records of engine use prior to 9/24/2019. New facility contact, Les Winchester, was aware of previous NTC (only 9/24/2021 log book was available at the time, see 2020 inspection checklist) and older logbook was since found. Overlap of both logs match up and all hours are now accounted for. Mr. Winchester advised facility will continue to log hours on current log book to reduce confusion but will keep other logbook (9/24/2019) as a record.

Photographs taken:

Inspector's signature:

Report Date: 12/20/2021

Supervisor's approval:

Approval Date: 02/15/2022

Acronyms:

- UTV= Unable to Verify
- CARB = California Air Resources Board
- NESHAP = National Emission Standards for Hazardous Air Pollutants
- DPF= Diesel Particulate Filter
- NTC = Notice to Comply
- NOV = Notice of Violation
- CAR = Corrective Action Report

26599

AIR POLLUTION CONTROL DISTRICT
COUNTY OF SAN DIEGO
10124 OLD GROVE ROAD
SAN DIEGO, CA 92131
PHONE (858) 586-2650
FAX (858) 586-2651

Sector ID	<u>9/03</u>
P/O#	<u>001530</u>
Fee Code	<u>34H</u>
Entered	_____
(APCD use only)	

NOTICE TO COMPLY

Date(s) of Violation 10/01/20

Name Alliance Diversified Holdings LLC Phone 619-977-7225

Mailing Address PO BOX 928769 City San Diego 92192

Violation Location 11011 Torreyana Rd. City San Diego 92121

Specifically, the following violation(s) of the California Health and Safety Code, California Code of Regulations and/or San Diego Air Pollution Control District Rules and Regulations require corrective action:

Section(s)/Rule(s)	Description of Violation(s) and Corrective Action Required
<u>Rule 69.4.1(g) (2)(i) / Rule 21 12(a)</u>	<u>Failure to maintain an operating log containing dates, elapsed times, and nature of use, of every instance of engine operation. Specifically, no records of engine operation were available for dates prior to 09/24/19.</u>
<u>Correct by:</u>	<u>Maintaining said records onsite and readily available for a minimum of 36 months from their date of creation</u>

Compliance is required by 10/15/20 (due date). You must sign and return this form within five days of achieving compliance.

Inspector Melanie Sanchez Date 10/01/20

Served To Bob Fischer Title Facilities Manager

Signature _____ Date _____

I CERTIFY, BY SIGNING MY NAME BELOW, I HAVE TAKEN THE REQUIRED CORRECTIVE ACTION TO ACHIEVE COMPLIANCE WITH THE CITED SECTION(S) AND/OR RULE(S):

Signature Bob Fischer Date 10/8/2020

Reinspection may occur at any time to verify that the violation(s) have been corrected. Failure to comply by the due date and/or any false statement of compliance may result in civil or criminal penalties. (See reverse side for more information.)

10/10/01
00779

WHAT A "NOTICE TO COMPLY" MEANS

You have just received a Notice to Comply from the San Diego County Air Pollution Control District, a government agency responsible for air pollution control in San Diego County. A Notice to Comply is the District's claim that a violation of the District's rules and/or state laws applying to air pollution has occurred.

10/10/01
00779

WHAT TO DO IF YOU RECEIVE A NOTICE TO COMPLY

If you receive a Notice to Comply, take immediate action to correct the violation as soon as possible and compliance must be achieved no later than the due date.

YOU MUST SIGN AND RETURN THE NOTICE TO COMPLY (GOLDENROD COPY) TO THE DISTRICT WITHIN FIVE DAYS OF ACHIEVING COMPLIANCE.

IF YOU DISAGREE WITH THE NOTICE TO COMPLY, THEN SEND IN A WRITTEN RESPONSE BY THE DUE DATE STATING THE REASON(S) WHY THE ALLEGED VIOLATION(S) DID NOT OCCUR.

If you need additional time to correct the violation, the due date may be extended for good cause up to a maximum 30 days from the issue date. You may request a time extension by calling (858) 586-2650.

HOW THE NOTICE TO COMPLY WILL BE RESOLVED

The District will review your signed Notice to Comply, and/or any other information submitted to the District to determine if you are in compliance.

THE DISTRICT MAY REINSPECT YOUR FACILITY AT ANY TIME TO ENSURE COMPLIANCE AND/OR TO VERIFY THAT THE VIOLATION(S) CITED IN THE NOTICE TO COMPLY HAVE BEEN CORRECTED.

Please be advised that compliance with District rules and/or state pollution laws is your responsibility and any failure to comply may result in civil or criminal prosecution.

FAILURE TO COMPLY

FAILURE TO COMPLY BY THE DUE DATE AND/OR ANY FALSE STATEMENT OF COMPLIANCE MAY RESULT IN CIVIL OR CRIMINAL PENALTIES. The maximum civil penalties established by the California Health and Safety Code range between \$1,000 and 50,000 per day of violation, depending on the nature of the violation. The maximum criminal penalties established by the California Health and Safety Code is a misdemeanor and fines range between \$1,000 and \$50,000 per day of violation and/or one (1) year in jail, depending on the nature of the violation.

CORRESPONDENCE

RETURN THE SIGNED NOTICE TO COMPLY (GOLDENROD COPY) AND/OR ALL OTHER CORRESPONDENCE TO THE AIR POLLUTION CONTROL DISTRICT, 10124 OLD GROVE ROAD, SAN DIEGO, CALIFORNIA 92131

YOU MAY CALL (858) 586-2650 TO CHECK THE STATUS OF THE NOTICE TO COMPLY.

From: RB9_Records_WB@Waterboards
To: [Gabriel Haro](#)
Subject: RE: RWQCB Records - 11011 Torreyana Road
Date: Thursday, December 15, 2022 4:19:09 PM
Attachments: [image002.png](#)
[image003.png](#)
[image004.png](#)
[S.M.A.R.T.S Instructions.docx](#)

Dear Gabriel,

The San Diego Regional Water Quality Control Board has found documents responsive to your Public Records Act request. The search was of the following databases: the Board's Electronic Content Management (ECM) filing system, California Integrated Water Quality System (CIWQS), Stormwater Multiple Application and Report Tracking System (SMARTS), and GeoTracker. The below is what was responsive to your Public Records Act request:

SMARTS Records

I have attached the SMARTS instructions which will tell you step by step how to access the records. Please use the following link to access the site, and the following facility address when searching for the records:

<https://smarts.waterboards.ca.gov>

Facility Site/Street: "11011 Torreyana"

Email Communication Documents

I have uploaded the requested electronic files onto our FTP site for you to download and view. Your folder is named "11011 Torreyana - EN". Due to size limitations, **this folder will be automatically deleted within two weeks (on 12/29/2022) unless you request more time to access it.**

Please use the following link, user ID, and password to access our FTP site:

<https://ftp.waterboards.ca.gov>

User ID: RB9Public

Password: rqfa51

Please let me know if you have any questions!

Thank you,

-Liz

From: Gabriel Haro <gharo@ninyoandmoore.com>
Sent: Friday, December 9, 2022 2:42 PM
To: RB9_Records, WB@Waterboards <rb9_records@waterboards.ca.gov>
Subject: RWQCB Records - 11011 Torreyana Road

EXTERNAL:

Hello,

Please see attached request.

Thank you,



Gabriel Haro

Staff Geologist

Ninyo & Moore | Geotechnical & Environmental Sciences Consultants

5710 Ruffin Road | San Diego, CA 92123

858.576.1000 (**x11271**) | 858.752.4729 (Cell)

35+ Years of Quality Service | ninyoandmoore.com



State of California
STATE WATER RESOURCES CONTROL BOARD

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES
1993-1994

RECEIVED

JUN 28 1994

SAN DIEGO REGIONAL WATER
QUALITY CONTROL BOARD

An annual report is required to be submitted to your local Regional Water Quality Control Board (Regional Board) by July 1 of each year. This document must be certified and signed, under penalty of perjury, by the appropriate official of your company that the information provided in this report is true and complete (see Section C.9 of the General Permit). Retain a copy of the completed Annual Report for your records.

Many of the Annual Report questions, when answered "NO", require an explanation. Please provide explanations on a separate sheet as an attachment. As necessary, include a discussion of what actions have or will be taken to bring the facility into compliance along with a time schedule for implementation of planned actions. If convenient, you may provide a single sketch or site plan that combines the sketch or site plan requirements under items 6, 7, 8, and 9(c) on pages 3 and 4.

If any information contained in Items A, B, and C below is incorrect, please cross out or highlight the incorrect information (do not white out or erase) and provide the correct information next to or above the incorrect information.

If you have any questions, please contact your Regional Board Storm Water Program Contact. The address of your Regional Board (where the Annual Report must be filed) along with the name and telephone number of the contact person is indicated below.

SAN DIEGO REGIONAL BOARD
9771 CLAIREMONT MESA BLVD., SUITE B
SAN DIEGO, CA 92124

Contact: DEBORAH JAYNE
Tel: (619) 467-2952

GENERAL INFORMATION

A. FACILITY WDID NO: 9 37S010764

B. OWNER/OPER: Name: IDEC PHARMACEUTICALS Contact: MARK THOMPSON

Address: 11011 TORREYANA RD, SAN DIEGO, CA 92121 Tel: (619) 550-8670

C. FACILITY INFO: Name: IDEC PHARMACEUTICALS Contact: MARK THOMPSON

Address: 11011 TORREYANA RD, SAN DIEGO, CA 92121 Tel: (619) 550-8670

Regulated Activity: PHARMACEUTICALS SIC Code(s): 2836 - Biological Products except Diagnostic

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SPECIFIC INFORMATION

1. Have you prepared a Storm Water Pollution Prevention Plan (SWPPP) as required in Section A of the Permit?

Yes No If No, attach explanation.

2. Have you implemented all elements of your SWPPP?

Yes No If No, attach explanation.

3. a. Have all non-storm water discharges (see page 10 for examples) been permitted or eliminated (Section A.6)?

Yes No

If No, describe the non-storm water discharges that have not been permitted or eliminated.

- b. Have you reported all non-storm water discharges described above to the appropriate Regional Board office?

Yes No If No, attach report (see page 10 for instructions). See Attachment One
If Yes, attach a copy of the first page of the previously submitted report.

- c. Does your SWPPP include Best Management Practices (BMPs) that address existing non-storm water discharges described above?

Yes No

If No, revise your SWPPP and attach a brief description of the revisions.

4. Have you developed a monitoring program as required in Section B of the Permit?

Yes No If No, attach explanation.

5. Have you implemented all the elements of your monitoring plan?

Yes No If No, attach explanation.

6. Did you conduct an annual site inspection (Section B.5a)?

Yes No If No, attach explanation.

If Yes, attach a sketch or site plan of the facility showing areas inspected and provide the following for each area inspected: (you may use FORM 1 to report findings)

- Date and time of inspection.
- Name and title of inspector.
- Summary of inspection findings. Evaluate if BMPs, as identified in the SWPPP, are in place and if additional BMPs are needed. Discuss corrective actions that are necessary..

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SPECIFIC INFORMATION (CONTINUED)

10. Provide a summary of your sampling results. You may use FORM 4 to report findings. The summary should include the date and time of sample, constituents tested, who did the testing, the testing results, test method used, and test detection limit. Copies of the analytical results from the laboratory may also be provided, but are not required. For facilities subject to Federal Storm Water Effluent Limitation Guidelines, separately report the Federal Guidelines and the corresponding monitoring results.
11. Attach an evaluation of the over-all effectiveness of the facility's SWPPP in reducing pollutants in storm water discharge. Consider the results of sampling and visual observation in this evaluation. Discuss specific areas or elements of the SWPPP that are not effective or need improvement. Provide a brief description of alternatives or proposed revisions to the SWPPP. See Attachment One
12. Attach an evaluation of your monitoring program in detecting pollutants in storm water discharge. Discuss areas of the monitoring program that are not effective or need improvement. Provide a brief description of proposed revisions to the monitoring program. See Attachment One
13. Do you certify that, based on your annual site inspection, your facility is in compliance with the requirements of the General Industrial Activities Storm Water Permit?

Yes No If No, attach explanation.

CERTIFICATION

I am duly authorized to sign reports required by the GENERAL INDUSTRIAL ACTIVITIES STORM WATER PERMIT (see Provisions C. 9) and I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Printed Name: CHRIS BURMAN

Signature: *Chris Burman* Date: 6.24.94

Title: VICE PRESIDENT

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 STATE WATER RESOURCES CONTROL BOARD
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FORM 1 - ANNUAL SITE INSPECTION FORM

Inspection Date: 4/28/94

INSPECTED AREAS List all areas where exposed loading/unloading, access, storage, manufacturing or process activities occur.	For each area, are the BMPs listed in the SWPPP in place?		Are additional BMPs needed to control storm water pollution?		DESCRIBE DEFICIENCIES AND CORRECTIVE ACTIONS
	YES	NO	YES	NO	
Loading docks	X			X	None
Exposed Materials	X			X	None
Hazardous Waste Storage Areas	X			X	None

Inspector Name: Mark Thompson

Title: Safety Officer

Signature: *Mark Thompson*

Date: 6/24/94

SCALE 1" = 20'

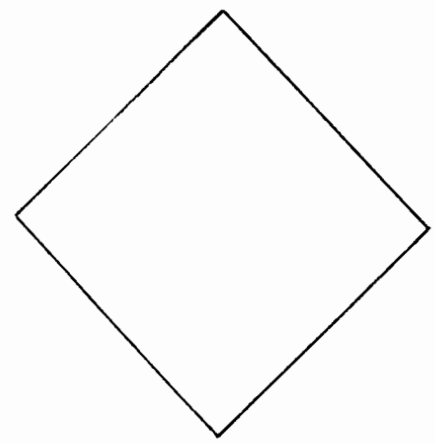
OUTFALL NO. 3
(OVERLAND FLOW TO
PACIFIC OCEAN ETC.)
AREA = 0.43 AC.

N100°11'42"W

114.64'

N35°37'40"W

STEAM BOILER AREA
(OPEN)



LOADING DOCK

EXIST. 4" ABS

EXIST. 6" S/S

Exposed Material

①

OUTFALL NO. 1
STORM DRAIN
(LOCATED IN STREET)

PARKING STRUCTURE



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FORM 2 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: October Approximate time storm water discharge began: N/A

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	No Discharge		
	N/A					
		Odors?	Oil/grease sheen?			
		Discolorations?	Cloudiness?			

Comments/Corrective Actions Taken for above: N/A

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	No Discharge		
		Odors?	Oil/grease sheen?			
		Discolorations?	Cloudiness?			

Comments/Corrective Actions Taken for above: N/A

Inspector Name: Mark Thompson Title: Safety Officer

Signature: *Mark Thompson* Date: 6/24/94

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FORM 2 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: November Approximate time storm water discharge began: N/A

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Oil/grease sheen?		
	N/A				No Discharge	
		Odors?				
		Discolorations?		Cloudiness?		

Comments/Corrective Actions Taken for above: N/A

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Oil/grease sheen?		
		Odors?				
		Discolorations?		Cloudiness?		

Comments/Corrective Actions Taken for above: N/A

Inspector Name: Mark Thompson Title: Safety Officer

Signature: Mark Thompson Date: 6/24/94

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FORM 2 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: December Approximate time storm water discharge began: 9 AM

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		
Outfall #2 #3	12-21-93 9 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Clear	Rain water run-off
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Comments/Corrective Actions Taken for above: N/A

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)				DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?	Discolorations?		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Comments/Corrective Actions Taken for above: N/A

Inspector Name: Mark Thompson Title: Safety Officer

Signature: *Mark Thompson* Date: 6/24/94

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FORM 2 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: January Approximate time storm water discharge began: N/A

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		
	N/A				No Discharge	
		Discolorations?	Cloudiness?			

Comments/Corrective Actions Taken for above: N/A

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		
		Discolorations?	Cloudiness?			

Comments/Corrective Actions Taken for above: N/A

Inspector Name: Mark Thompson Title: Safety Officer

Signature: Mark Thompson Date: 6/24/94

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FORM 2 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: February Approximate time storm water discharge began: 8 AM

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		
Outfall #2 #3	2-4-94 8:30 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Clear	Rain water run-off
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Comments/Corrective Actions Taken for above: N/A

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Comments/Corrective Actions Taken for above: N/A

Inspector Name: Mark Thompson Title: Safety Officer

Signature: *Mark Thompson* Date: 6/24/94

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FORM 2 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: March Approximate time storm water discharge began: 10 AM

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		
Outfall #2 #3	3-7-94 10 AM				Clear	Rain water runoff

Comments/Corrective Actions Taken for above: N/A

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		

Comments/Corrective Actions Taken for above: N/A

Inspector Name: Mark Thompson Title: Safety Officer

Signature: Mark Thompson Date: 6/24/94

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FORM 2 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: April Approximate time storm water discharge began: 1 PM

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		
Outfall #2 #3	4-27-94 2 PM				Clear	Rain water run-off

Comments/Corrective Actions Taken for above: N/A

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		

Comments/Corrective Actions Taken for above: N/A

Inspector Name: Mark Thompson Title: Safety Officer

Signature: Mark Thompson Date: 6/27/94

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FORM 4
SAMPLING RESULTS

DISCHARGE POINT: Outfall #2

DATE AND TIME OF SAMPLE: 12/21/93 9 AM TIME DISCHARGE STARTED: 9 AM

CONSTITUENT TESTED	TESTED BY: LAB/SELF ⁽¹⁾	RESULTS ⁽²⁾	TEST METHOD USED ⁽³⁾	DETECTION LIMIT
pH	Lab	8.04 (pH UNITS)	STD 4500-B	1 pH unit
TOTAL SETTLEABLE SOLIDS	Lab	3.0 mg/l	STD 2540-D	1.0 mg/L
SPECIFIC CONDUCTANCE	Lab	1070 umho/cm	STD 2510-B	1.0 umho/cm
OIL & GREASE	Lab	less than 1.0 mg/l	STD 5520-B	1.0 mg/L
TOTAL ORGANIC CARBON	Lab	3.58 mg/l	EPA 415.2	0.1 mg/L
ADDITIONAL POLLUTANTS:	N/A			
FLOW ⁽⁴⁾	N/A		gallons	
SIZE OF STORM (IF AVAILABLE)	Unkown		inches	

- (1) If testing was done by a certified laboratory, indicate "lab"; otherwise, indicate "self".
- (2) If analytical results indicate a value less than the detection limit (or non detect), show the value as less than the numerical value of the detection limit.
- (3) Indicate the test method used to determine result. In cases where analyzers are used, indicate with an "A"
- (4) Dischargers subject to the Sente Clere County General Permit are required to provide estimates or calculations of the volume of storm water discharged from each point. Describe, on a separate sheet, how the flow measurement was calculated.

Name of person collecting sample: Mark Thompson Title: Safety Officer

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WITH INDUSTRIAL ACTIVITY
1993-1994

FORM 4
SAMPLING RESULTS

DISCHARGE POINT: Outfall #3

DATE AND TIME OF SAMPLE: 2/4/94 8:30 AM TIME DISCHARGE STARTED: 8:00 AM

CONSTITUENT TESTED	TESTED BY: LAB/SELF ⁽¹⁾	RESULTS ⁽²⁾	TEST METHOD USED ⁽³⁾	DETECTION LIMIT
pH	Lab	7.71 (pH UNITS)	STD 4500-B	1 pH unit
TOTAL SETTLEABLE SOLIDS	Lab	1.00 mg/l	STD 2540-D	1.0 mg/L
SPECIFIC CONDUCTANCE	Lab	92.0 umho/cm	STD 2510-B	1.0 umho/cm
OIL & GREASE	Lab	1.30 mg/l	STD 5520-B	1.0 mg/L
TOTAL ORGANIC CARBON	Lab	5.28 mg/l	EPA 415.2	0.1 mg/L
ADDITIONAL POLLUTANTS:	N/A			
FLOW ⁽⁴⁾	N/A	gallons		
SIZE OF STORM (IF AVAILABLE)	Unknown	inches		

- (1) If testing was done by a certified laboratory, indicate "lab"; otherwise, indicate "self".
- (2) If analytical results indicate a value less than the detection limit (or non detect), show the value as less than the numerical value of the detection limit.
- (3) Indicate the test method used to determine result. In cases where analyzers are used, indicate with an "A"
- (4) Dischargers subject to the Santa Clara County General Permit are required to provide estimates or calculations of the volume of storm water discharged from each point. Describe, on a separate sheet, how the flow measurement was calculated.

Name of person collecting sample: Mark Thompson Title: Safety Officer

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FORM 4
SAMPLING RESULTS

DISCHARGE POINT: Outfall #2

DATE AND TIME OF SAMPLE: 4/28/94 2:30 PM TIME DISCHARGE STARTED: Discharge ^{Non-Storm}

CONSTITUENT TESTED	TESTED BY: LAB/SELF ⁽¹⁾	RESULTS ⁽²⁾	TEST METHOD USED ⁽³⁾	DETECTION LIMIT
pH	Lab	8.84 (pH UNITS)	STD 4500-B	1 pH unit
TOTAL SETTLEABLE SOLIDS	Lab	183 mg/l	STD 2540-D	1.0 mg/L
SPECIFIC CONDUCTANCE	Lab	362 umho/cm	STD 2510-B	1.0 umho/cm
DIL & GREASE	Lab	1.9 mg/l	STD 5520-B	1.0 mg/L
TOTAL ORGANIC CARBON	Lab	12.4 mg/l	EPA 415.2	0.1 mg/L
ADDITIONAL POLLUTANTS:	N/A			
FLOW ⁽⁴⁾	N/A	gallons		
SIZE OF STORM (IF AVAILABLE)	Unkown	inches		

- (1) If testing was done by a certified laboratory, indicate "lab"; otherwise, indicate "self".
- (2) If analytical results indicate a value less than the detection limit (or non detect), show the value as less than the numerical value of the detection limit.
- (3) Indicate the test method used to determine result. In cases where analyzers are used, indicate with an "A"
- (4) Dischargers subject to the Sente Clere County General Permit are required to provide estimates or calculations of the volume of storm water discharged from each point. Describe, on a separate sheet, how the flow measurement was calculated.

Name of person collecting sample: Mark Thompson Title: Safety Officer

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SUPPLEMENTAL QUESTIONNAIRE (OPTIONAL)

We have received over 8000 NOIs for coverage under the STATEWIDE INDUSTRIAL GENERAL PERMIT. We have tried to make the program understandable and provide a workable means of implementing a complex set of new regulations. You may wish to spend a few minutes answering the following questions to tell us how we are doing.

You may send this form with your annual report. If you wish to submit it anonymously, please submit it separately.

1. Do you understand the GENERAL PERMIT and what it requires you to do?

Yes No

2. Do you consider the GENERAL PERMIT an efficient and workable means to comply with the Clean Water Act and the Storm Water Permitting Regulations?

Yes No

3. Have you had any contact (inspections, informational workshops, telephone inquiries) with staff of the Regional Water Boards or your local storm water management agency?

Yes No

If Yes, please indicate the type of contact made, and the date (if available) it was made. You may also wish to discuss the context in which the contact was made and if you were satisfied with the help or guidance received in response to your inquiry.

Phone contact made with local lead agency regarding limits in 40 CFR 439.15.

Specifically - lack of numbers in the table included in this section.

4. Did you (or your accounting office) understand the last ANNUAL FEE INVOICE ?

Yes No DID NOT RECEIVE INVOICE

5. Please use the space provided below (or an attachment) to suggest ways that we can improve and/or streamline our management of this program, or explain your responses made to the preceding questions.

None at this time.

Attachment One

Facility WDID NO: 9 37S010764

OWNER/OPER: IDEC PHARMACEUTICALS

ADDRESS: 11011 TORREYANA ROAD SAN DIEGO CA 92121

Item 3. Non-Storm Water Discharges

A non-storm water discharge has been identified at the IDEC facility, but has not been reported to the Regional Board office.

The discharge in question occurs during cleaning of a metal grating that is normally attached to the air intake of the cooling tower that serves the facility. This grating has to be periodically removed from the intake and rinsed free of mineral deposits that build-up on the exterior surface. The rinsate generated during the grate washing had been released to the storm water system until the practice was identified as a discharge associated with industrial activity that might be prohibited under CFR 40. The practice has now been suspended.

A sample of the rinsate from the grating was taken and analyzed. Under the current regulations it is unclear as to whether or not the release of this rinsate is prohibited, however, the discharge is currently targeted for elimination. The cooling tower service yard is equipped with a drain line leading to the industrial waste (sewer) system which will be enlarged to facilitate washing of the grating. The analytical results on the rinsate in question are on file as part of IDEC's Storm Water Pollution Prevention Plan.

Item 8. Dry Season Visual Observations

Dry season visual observations (for the period May to October 1993) were not made as IDEC did not receive confirmation of its registration as a general permittee until December 1993. Dry season observations will be made starting May of 1994, and will be included in the report submitted by July 1, 1995.

Attachment One
(continued)

Item 9. Storm Water Samples

It was not always possible to collect storm water samples within the first 30 minutes of discharge due to the intermittent nature of the rainfall in the San Diego area. Samples were collected as soon as discharge was observed to be occurring.

Item 11. Evaluation of Over-All Effectiveness of SWPPP.

Overall, the SWPPP that IDEC has created should be effective in reducing or eliminating pollutants in storm water discharge. The process of creating the plan forces each site to consider which sources of pollutants are present, and which sources present the greatest threat of contamination of storm water. Once this information is available, it is relatively straight forward to devise methods or procedures to limit storm water contamination. Currently there are no anticipated revisions to IDEC's SWPPP with regard to the overall plan.

Item 12. Evaluation of Monitoring Program.

Monitoring for pollutants has been easy as IDEC utilizes the services of an independent analytical laboratory as part of its monitoring program. IDEC identifies which pollutant to test for, and the lab selects the appropriate test method. Currently there are no anticipated revisions to IDEC's SWPPP with regard to the monitoring program.

State Water Resources Control Board
Division of Water Quality
P.O. Box 944213
Sacramento, CA 94244-2130

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Reporting Period July 1, 1994 through June 30, 1995

An annual report is required to be submitted to your local Regional Water Quality Control Board (Regional Board) by July 1 of each year. This document must be certified and signed, under penalty of perjury, by the appropriate official of your company. Many of the Annual Report questions require an explanation. Please provide explanations on a separate sheet as an attachment. **Retain a copy of the completed Annual Report for your records.**

If any information contained in Items A, B, and C below is incorrect, please cross out or highlight the incorrect information (do not white out or erase) and provide the correct information next to or above the incorrect information.

If you have any questions, please contact your Regional Board Storm Water Program Contact. The address of your Regional Board (where the Annual Report must be filed) along with the name and telephone number of the contact person is indicated below.

REGIONAL BOARD INFORMATION:

SAN DIEGO REGIONAL WATER BOARD
9771 CLAIREMONT MESA BLVD., SUITE B
SAN DIEGO, CA. 92124

Contact: FRANK MELBOURN
(619) 467-2952

GENERAL INFORMATION:

A. Facility WDID No:
9 37S010764

B. Owner/Operator:
Contact Person:
MARK THOMPSON
Phone:
(619)550-8670

Address: IDEC PHARMACEUTICALS
11011 TORREYANA RD
SAN DIEGO, CA. 92121

C. Facility/Site:
Contact Person:
MARK THOMPSON
Phone:
(619)550-8670

Address: IDEC PHARMACEUTICALS
11011 TORREYANA RD
SAN DIEGO, CA. 92121

RECEIVED

JUN 27 1995

SAN DIEGO REGIONAL WATER
QUALITY CONTROL BOARD

SIC Code 2836 Biological Products except Diagnostic
SIC Code
SIC Code
SIC Code
Regulated Activity: PHARMACEUTICALS

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SPECIFIC INFORMATION

STORM WATER POLLUTION PREVENTION PLAN

1. Have you developed (and updated) a Storm Water Pollution Prevention Plan (SWPPP), as required in Section A of the General Permit?

Yes No If No, attach an explanation and time schedule for SWPPP development.

2. Have you implemented all elements of your SWPPP?

Yes No If No, attach an explanation and time schedule for SWPPP implementation.

NON-STORM WATER DISCHARGES

3. Section A.6 of the General Permit requires that non-storm water discharges be eliminated or permitted.

- a. Does your facility have any non-storm water discharges (see page 7 for examples)?

No Go to Question 4.

Yes Please list: _____

- b. Have any of the non-storm water discharges been permitted by a State or local agency?

No Yes If yes, on a separate sheet, identify the non-storm water discharge, agency that permitted the non-storm water discharge, and the permit number.

- c. Attach a description for each non-storm water discharges listed in 3.a that has not been permitted. At a minimum, this description should answer the following:

- o What is the source of the non-storm water discharge?
- o What are the characteristics of the non-storm water discharge (odor, color, frequency, flow rate, potential pollutants, etc.)?
- o What areas of your facility does the non-storm water discharge contact?
- o Has the non-storm water discharge been previously reported to the Regional Board?
- o Why hasn't the non-storm water discharge been eliminated?
- o When is the non-storm water discharge scheduled to be eliminated?

- d. Does your SWPPP include Best Management Practices (BMPs) that address the non-storm water discharges described in 3.c?

Yes No If No, revise your SWPPP and attach a brief description of the revisions.

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MONITORING AND REPORTING PLAN

4. Section B.5.a of the General Permit requires you to conduct an annual site inspection. Did you conduct an annual site inspection?

Yes If Yes, use FORM 1 (page 9) to report findings or provide the following for each area inspected:

See Form 1 and Attachment 1.

- Date and time of inspection.
- Name and title of inspector.
- Summary of inspection findings. Evaluate if all sources of storm water pollutants have been identified in the SWPPP; if the BMPs identified in the SWPPP to address these sources of pollutants are in place and effective; and whether additional BMPs are needed. Discuss corrective actions that are necessary.

No If No, attach an explanation.

5. Section B.5.b of the General Permit requires you to conduct visual observations of all discharge locations at least twice during the dry season (May through September). How many dry season observations did you conduct?

None, attach an explanation why no dry season visual observations were conducted.

See attachment 2, Item 5.

One, attach an explanation why only one dry season visual observation was conducted.

Two

More than two

For each dry season visual observation conducted, use FORM 2 (page 10) to report observations or provide the following for each discharge location:

- Date and time of observation.
- Name and title of inspector.
- Observations of non-storm water discharge or indications of prior non-storm water discharge. Describe the discharge characteristics, i.e. odor, color, etc., and possible source of discharge, and corrective action taken. If no action has been taken, discuss what and when actions will be taken to eliminate the non-storm water discharge. Report all non-storm water discharges in Item 3 above.

6. Section B.5.c of the General Permit requires you to conduct visual observations of all discharge locations for at least one storm per month during the wet season (October through April). How many months during the wet season did you conduct visual observations? 7. If you did not conduct visual observations in each month of the wet season, attach an explanation.

For each wet season visual observation, use FORM 3 (page 11) to report observations or provide the following information for each discharge location:

- Date and time of observation.
- Name and title of inspector.
- Storm water discharge characteristics observed. For example, was the discharge discolored, very turbid; did it have an odor, evidence of floating or suspended material; did it have a sheen; or any other unusual characteristics? If any were observed, discuss the corrective actions taken or to be taken.

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SAMPLING AND ANALYSIS

7. a. Is your facility part of a Group Monitoring Plan? (Only facilities that have received prior approval are part of a group monitoring plan.)

Yes No

If No, go to Question 8.

If Yes, answer the following questions:

- b. What is the Group Monitoring Plan's name? _____

- c. Is your facility designated to collect storm water samples?

Yes No

If Yes, go to Question 9.

If No, go to Question 10.

8. a. Is your facility exempt from sample collection (Section B.9 of the General Permit)? (Only facilities that have received prior Self-certification approval are exempt from sampling. Facilities participating in a Group Monitoring Plan cannot be self-certified)

Yes No

If No, go to Question 9.

- b. If Yes, which of the following apply (check one):

Submitted Self Certification to Regional Board.

Date Submitted: _____

Received certification of local agency.

Received exemption by the Regional Board.

Attach, as appropriate, the first page of either the submitted self certification, the local agency certification letter, or the Regional Board exemption letter.

9. Section B.5.d of the General Permit requires that storm water samples from at least two storms be collected and analyzed.

- a. How many storms did you sample? 5

If you did not sample any storms, or only sampled one storm, attach an explanation.

- b. How many storm water discharge points are located at your facility? 3

Did you sample from every discharge point?

Yes No

If you did not sample from every discharge point, attach an explanation why you did not or attach a justification as to why certain discharge points are substantially identical.

See attachment 2.

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SAMPLING AND ANALYSIS (cont'd)

c. For each storm sampled, provide the following information:

	Number of Samples Taken	Number of Samples Analyzed and Reported	Constituents Tested and Reported
First Storm	1	1	pH, TSS, TOC, Conductivity, Grease & Oil
Second Storm	1	1	Same
Additional Storms	1	1	Same

If all samples from the first and/or second storms were not analyzed, provide an explanation.

d. Provide a summary of your sampling and analysis results. You may use Form 4 (page 12) to report your findings. The summary should include the date and time of sample, constituents tested, who did the testing, the testing results, test method used, and test detection limit. Copies of the analytical results from the laboratory should also be attached. Include a completed Form 4, or equivalent, for each sample analyzed.

For facilities subject to Federal Storm Water Effluent Limitation Guidelines, separately report the Federal Guidelines and the corresponding monitoring results.

If past years analytical results are available, on a separate sheet, compare and evaluate the analytical results from the 1994-95 testing period with the analytical results from past years (are the pollutant concentrations increasing or decreasing and why; if a reason is known?).

See attachment 3.

e. For each storm sampled, provide the following information:

	Was sample taken during the first 30 minutes?	Were there 3 days of dry weather before the storm?
First Storm	Yes	Yes
Second Storm	Yes	Yes
Additional Storms	Yes	Yes

If you responded no to either of the above questions for the first or second storm, attach an explanation.

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STORM WATER POLLUTION PREVENTION PLAN EVALUATION

10. Based upon the comparison and analysis of analytical data, visual observations, etc. from the time you submitted your Notice of Intent to comply with the General Permit; is your Storm Water Pollution Prevention Plan effective in reducing pollutants in your facility's storm water discharge? Discuss specific areas or elements of the SWPPP that are not effective or need improvement. Provide a brief description of alternatives or proposed revisions to the SWPPP.
See attachment 4.
11. Provide a written evaluation of your monitoring program in detecting pollutants in storm water discharge. Discuss areas of the monitoring program that are not effective or need improvement. Provide a brief description of proposed revisions to the monitoring program.
See attachment 4.
12. The General Industrial Activities Storm Water Permit requires that:
- o a Storm Water Pollution Prevention Plan be developed and implemented (Questions 1 and 2)
 - o non-storm water discharges be eliminated, reported to the Regional Board, or permitted (Question 3)
 - o an annual site inspection be conducted to determine the effectiveness of BMPs in reducing and/or eliminating sources of storm water pollution (Question 4)
 - o two dry weather visual observations be conducted (Question 5)
 - o wet weather visual observations be made once each month during the wet season (Question 6)
 - o unless specifically exempted, samples be collected and analyzed from at least two storms (Question 9)

If you have not completed all of the above requirements, please make sure you have attached an explanation for each requirement you have not completed.

Do you certify, based on your annual site inspection that, your facility is in compliance with the requirements of the General Industrial Activities Storm Water Permit?

Yes No

13. Attach an updated site map showing the areas of industrial activity; the areas where visual inspections were done; all storm water discharge locations; and all storm water sampling locations.

CERTIFICATION

I am duly authorized to sign reports required by the GENERAL INDUSTRIAL ACTIVITIES STORM WATER PERMIT (see Provisions C.9) and I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Printed Name: CHRIS BURMAN

Signature: *Chris Burman* Date: 6.26.95

Title: VICE PRESIDENT, MANUFACTURING SCIENCES

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FORM 1 - ANNUAL SITE INSPECTION FORM

Inspection Date: April 23, 1995

INSPECTED AREAS List all areas where pollutants may come in contact with storm water (i.e. exposed loading/unloading, access, storage, manufacturing or process activities occur, maintenance activities, etc.)	For each area, are the BMPs listed in the SWPPP in place?		Are additional BMPs needed to control storm water pollution?		DESCRIBE DEFICIENCIES AND CORRECTIVE ACTIONS
	YES	NO	YES	NO	
Loading Docks	x			x	None
Exposed Material	x			x	None
Hazardous Waste Storage Area	x			x	None

Inspector's Name: Marty King

Title: Health and Safety Supervisor

Signature: *Marty King*

Date: 6/29/95

Attachment One

Annual SWPPP Inspection

Facility WDID No: 9 37S010764
Owner/Operator: IDEC Pharmaceuticals
Address: 11011 Torreyana Rd., San Diego, CA 92121

Date of Inspection:
4/27/95

Name(s) of Personnel Conducting Inspection:
Marty King

Observations:

As is listed on the *Annual Site Inspection Form*, areas where pollutants may come in contact with storm water - the loading docks, sites with exposed materials and the hazardous waste storage area - were inspected to ensure that the BMP's listed in the SWPPP are in place. The BMP's reviewed include: the use of signs to identify chemical storage areas, use of concrete berms to provide secondary containment, use of portable secondary containment, a training program on the contents of the SWPPP, development of guidelines and other written information regarding disposal practices for hazardous materials/wastes, effective spill response training, spill response supplies and inspection program.

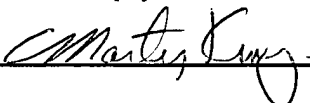
Deficiencies:

None observed.

Corrective Action Taken:

None taken.

Signature(s):



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FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: October Approximate time storm water discharge began: 1:00 pm

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Oil/grease sheen?		
#2, #3	10/5/94 1:30 pm				Clear	Rainwater surface runoff
		Odors?				
		Discolorations?				

Comments/Corrective Actions Taken for above:

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Oil/grease sheen?		
		Odors?				
		Discolorations?				

Comments/Corrective Actions Taken for above:

Inspector's Name: Mark Thompson

Title: Safety Officer

Signature: Mark Thompson

Date: 6/23/95

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FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: November Approximate time storm water discharge began: 4:30 pm

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Oil/grease sheen?		
#2, #3	11/8/94 4:30 pm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Clear	Rainwater surface runoff
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Comments/Corrective Actions Taken for above:

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Oil/grease sheen?		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Comments/Corrective Actions Taken for above:

Inspector's Name: Mark Thompson

Title: Safety Officer

Signature: Mark Thompson

Date: 6/23/95

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FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: December Approximate time storm water discharge began: 1:00 pm

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Oil/grease sheen?		
#2, #3	12/8/94 1:30 pm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Clear	Rainwater surface runoff
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Comments/Corrective Actions Taken for above: _____

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Oil/grease sheen?		
		Odors?				
		Discolorations?	Cloudiness?			
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Comments/Corrective Actions Taken for above: _____

Inspector's Name: Marty Kind Title: Health and Safety Supervisor

Signature: *Marty Kind* Date: 6/29/95

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FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: January Approximate time storm water discharge began: ?

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		
#2	1/26/95	Floating Materials?	Suspended materials?	Odors?	Clear	Rainwater surface runoff
		Odors?	Oil/grease sheen?	Discolorations?		
		Discolorations?	Cloudiness?			

Comments/Corrective Actions Taken for above: _____

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		
		Floating Materials?	Suspended materials?	Odors?		
		Odors?	Oil/grease sheen?	Discolorations?		
		Discolorations?	Cloudiness?			

Comments/Corrective Actions Taken for above: _____

Inspector's Name: Marty King Title: Health and Safety Supervisor

Signature: *Marty King* Date: 6/29/95

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FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: February Approximate time storm water discharge began: 10:40 pm

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Oil/grease sheen?		
#2	2/13/95 10:40 am	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Clear	Rainwater surface runoff
		Odors?		Cloudiness?		
		Discolorations?				

Comments/Corrective Actions Taken for above:

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Oil/grease sheen?		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		Odors?		Cloudiness?		
		Discolorations?				

Comments/Corrective Actions Taken for above:

Inspector's Name: Marty King Title: Health and Safety Supervisor

Signature: *Marty King* Date: 6/29/95

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 STORM WATER DISCHARGES ASSOCIATED
 WITH INDUSTRIAL ACTIVITIES

FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: March Approximate time storm water discharge began: 11:00 am

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		
#2	3/3/95 11:00 am				Clear	Rainwater surface runoff
		Discolorations?	Cloudiness?			

Comments/Corrective Actions Taken for above:

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		
		Discolorations?	Cloudiness?			

Comments/Corrective Actions Taken for above:

Inspector's Name: Aaron Cutchin

Title: Health and Safety Technician

Signature: Aaron Cutchin

Date: 6/26/95

State of California
 STATE WATER RESOURCES CONTROL BOARD
 1994-1995
ANNUAL REPORT
 FOR
 STORM WATER DISCHARGES ASSOCIATED
 WITH INDUSTRIAL ACTIVITIES

FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: April

Approximate time storm water discharge began: 11:00 am

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		
#2, #3	4/18/95 11:00 am	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Clear	Rainwater surface runoff
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Comments/Corrective Actions Taken for above:

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Comments/Corrective Actions Taken for above:

Inspector's Name: Aaron Cutchin

Title: Health and Safety Technician

Signature: Aaron Cutchin

Date: 6/26/95

Quality Assurance Laboratory
6605 NANCY RIDGE DRIVE
SAN DIEGO, CALIFORNIA 92121
(619) 552-3636

IDEC PHARMACEUTICALS
ATTN: M. THOMPSON
11011 TORREYANA RD.
SAN DIEGO, CA 92121

DATE OF REPORT 12-8-94
DATE SAMPLE RECEIVED 11-7-94
SAMPLING DATE 11-7-94
ANALYZED BY DL JL
SAMPLE TYPE STORM WATER

ANALYSES RESULTS

ANALYSIS	PREP/ANALYSIS METHOD	UNITS	LOG NUMBER: 17778-9411 SAMPLE ID: STORM
• PH	STD 4500-B	PH UNITS	6.5
• TSS	STD 2540-D	MG/L	224
• TOC	EPA 415.2	MG/L	432
• CONDUCTIVITY	EPA 120.1	UMHOS/CM	2030
• GREASE & OIL	STD 5520-B	MG/L	5.4

DATE ANALYZED: 11-7-94 - PH
11-8-94 - GREASE & OIL
11-14-94 - TSS
11-16-94 - CONDUCTIVITY
11-28-94 - TOC



PETER T.L. SHEN
LABORATORY DIRECTOR

PS/dmc

Quality Assurance Laboratory
6605 NANCY RIDGE DRIVE
SAN DIEGO, CALIFORNIA 92121
(619) 552-3636

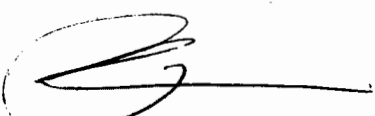
IDEC PHARMACEUTICALS CO.
ATTN: MARTY KING
11011 TORREYANA RD.
SAN DIEGO, CA 92121

DATE OF REPORT 1-24-95
DATE SAMPLE RECEIVED 1-5-95
SAMPLING DATE 1-5-94 *S*
ANALYZED BY MJ TK JL LS
SAMPLE TYPE STORM WATER

ANALYSES RESULTS

ANALYSIS	PREP/ANALYSIS METHOD	UNITS	LOG NUMBER: 163-9501 SAMPLE ID: STORM WATER
PH	STD 4500-B	PH UNITS	7.4
TSS	STD 2540-D	MG/L	53.0
TOC	EPA 415.2	MG/L	24.2
CONDUCTIVITY	STD 2510-B	UMHOS/CM	171
GREASE & OIL	STD 5520-B	MG/L	4.0

DATE ANALYZED: 1-5-95 - PH
1-10-95 - TSS, CONDUCTIVITY
1-17-95 - GREASE & OIL
1-20-95 - TOC


PETER T.L. SHEN
LABORATORY DIRECTOR

PS/jb

State of California
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WITH INDUSTRIAL ACTIVITY

FORM 4 - SAMPLING RESULTS

DISCHARGE POINT: Outfall #2

DATE AND TIME OF SAMPLE: Feb. 13, 1995 10:40 am TIME DISCHARGE STARTED: 10:40 am

CONSTITUENT TESTED	TESTED BY: LAB/SELF ⁽¹⁾	RESULTS ⁽²⁾⁽³⁾	TEST METHOD USED ⁽⁴⁾	DETECTION LIMIT
pH	Lab	7.3 (pH UNITS)	STD 4500-B	1pH unit
TOTAL SUSPENDED SOLIDS	Lab	9.0 mg/l	STD 2540-D	1.0 mg/L
SPECIFIC CONDUCTANCE	Lab	203 umho/cm	EPA 120.1	1.0 umho/cm
OIL & GREASE	Lab	2.2 mg/l	STD 5520-B	1.0 mg/L
TOTAL ORGANIC CARBON	Lab	23.7 mg/l	EPA 415.2	0.1 mg/L
ADDITIONAL POLLUTANTS:	N/A			
FLOW ⁽⁵⁾	N/A		gallons	
SIZE OF STORM (IF AVAILABLE)	Unknown		inches	

- (1) If testing was done by a certified laboratory, indicate "lab"; otherwise, indicate "self".
- (2) If analytical results indicate a value less than the detection limit (or non detect), show the value as less than the numerical value of the detection limit.
- (3) If you did not analyze for a particular constituent, do not report "0". Instead leave the appropriate box blank.
- (4) Indicate the test method used to determine result. In cases where analysis was conducted in the field, using portable analyzers (portable pH meters, portable EC meters, etc.), indicate with an "A"
- (5) Dischargers subject to the Santa Clara County General Permit are required to provide estimates or calculations of the volume of storm water discharged from each point. Describe, on a separate sheet, how the flow measurement was calculated.

Name of person collecting sample: Marty King Title: Health and Safety Supervisor

If analysis conducted by certified laboratory, enter name of laboratory: Quality Assurance Laboratories

Quality Assurance Laboratory
6605 NANCY RIDGE DRIVE
SAN DIEGO, CALIFORNIA 92121
(619) 552-3636

IDEC PHARMACEUTICALS
ATTN: MARTY KING
11011 TORREYANA RD.
SAN DIEGO, CA 92110

DATE OF REPORT 2-20-95
DATE SAMPLE RECEIVED 2-13-95
SAMPLING DATE 2-13-95
ANALYZED BY MJ TK JL
SAMPLE TYPE STORM WATER

ANALYSES RESULTS

ANALYSIS	PREP/ANALYSIS METHOD	UNITS	LOG NUMBER: 1730-9502 SAMPLE ID: STORM WATER
PH	STD 4500-B	PH UNITS	7.3
TSS	STD 2540-D	MG/L	9.0
TOC	EPA 415.2	MG/L	23.7
CONDUCTIVITY	STD 2510-B	MG/L	203
GREASE & OIL	STD 5520-B	MG/L	2.2

DATE ANALYZED: 2-13-95 - PH
2-14-95 - TSS, CONDUCTIVITY, GREASE & OIL
2-16-95 - TOC



PETER T.L. SHEN
LABORATORY DIRECTOR

PS/jb

State of California
STATE WATER RESOURCES CONTROL BOARD

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STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITY

FORM 4 - SAMPLING RESULTS

DISCHARGE POINT: Outfall #2

DATE AND TIME OF SAMPLE: Mar. 3, 1995 11:00 am TIME DISCHARGE STARTED: 11:00 am

CONSTITUENT TESTED	TESTED BY: LAB/SELF ⁽¹⁾	RESULTS ⁽²⁾⁽³⁾	TEST METHOD USED ⁽⁴⁾	DETECTION LIMIT
pH	Lab	7.6 (pH UNITS)	STD 4500-B	1pH unit
TOTAL SUSPENDED SOLIDS	Lab	12.0 mg/l	STD 2540-D	1.0 mg/L
SPECIFIC CONDUCTANCE	Lab	204 umho/cm	EPA 120.1	1.0 umho/cm
OIL & GREASE	Lab	3.1 mg/l	STD 5520-B	1.0 mg/L
TOTAL ORGANIC CARBON	Lab	9.5 mg/l	EPA 415.2	0.1 mg/L
ADDITIONAL POLLUTANTS:	N/A			
FLOW ⁽⁵⁾	N/A		gallons	
SIZE OF STORM (IF AVAILABLE)	Unknown		inches	

- (1) If testing was done by a certified laboratory, indicate "lab"; otherwise, indicate "self".
- (2) If analytical results indicate a value less than the detection limit (or non detect), show the value as less than the numerical value of the detection limit.
- (3) If you did not analyze for a particular constituent, do not report "0". Instead leave the appropriate box blank.
- (4) Indicate the test method used to determine result. In cases where analysis was conducted in the field, using portable analyzers (portable pH meters, portable EC meters, etc.), indicate with an "A"
- (5) Dischargers subject to the Santa Clara County General Permit are required to provide estimates or calculations of the volume of storm water discharged from each point. Describe, on a separate sheet, how the flow measurement was calculated.

Name of person collecting sample: Aaron Cutchin Title: Health and Safety Technician

If analysis conducted by certified laboratory, enter name of laboratory: Quality Assurance Laboratories

Quality Assurance Laboratory
6605 NANCY RIDGE DRIVE
SAN DIEGO, CALIFORNIA 92121
(619) 552-3636

IDEC PHARMACEUTICALS CO.
ATTN: AARON CUTCHIN
11011 TORREYANA RD.
SAN DIEGO, CA 92121

DATE OF REPORT 3-20-95
DATE SAMPLE RECEIVED 3-3-95
SAMPLING DATE 3-3-95
ANALYZED BY TK SC PO
SAMPLE TYPE STORM WATER

ANALYSES RESULTS

ANALYSIS	PREP/ANALYSIS METHOD	UNITS	LOG NUMBER: 2424-9503 SAMPLE ID: STORM WATER
PH	STD 4500-B	PH UNITS	7.6
TSS	STD 2540-D	MG/L	12.0
TOC	EPA 415.2	MG/L	9.5
CONDUCTIVITY	STD 2510-B	UMHOS/CM	204
GREASE & OIL	STD 5520-B	MG/L	3.1

DATE ANALYZED: 3-3-95 - PH, CONDUCTIVITY
3-7-95 - TSS
3-8-95 - GREASE & OIL
3-16-95 - TOC



PETER T.L. SHEN
LABORATORY DIRECTOR

PS/jb

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FORM 4 - SAMPLING RESULTS

DISCHARGE POINT: Outfall #2

DATE AND TIME OF SAMPLE: April 18, 1995 10:00 am TIME DISCHARGE STARTED: 10:00 am

CONSTITUENT TESTED	TESTED BY: LAB/SELF ⁽¹⁾	RESULTS ⁽²⁾⁽³⁾	TEST METHOD USED ⁽⁴⁾	DETECTION LIMIT
pH	Lab	6.9 (pH UNITS)	STD 4500-B	1pH unit
TOTAL SUSPENDED SOLIDS	Lab	21.0 mg/l	STD 2540-D	1.0 mg/L
SPECIFIC CONDUCTANCE	Lab	77.6 umho/cm	EPA 120.1	1.0 umho/cm
OIL & GREASE	Lab	<1.0 mg/l	STD 5520-B	1.0 mg/L
TOTAL ORGANIC CARBON	Lab	16.5 mg/l	EPA 415.2	0.1 mg/L
ADDITIONAL POLLUTANTS:	N/A			
FLOW ⁽⁵⁾	N/A		gallons	
SIZE OF STORM (IF AVAILABLE)	Unknown		inches	

- (1) If testing was done by a certified laboratory, indicate "lab"; otherwise, indicate "self".
- (2) If analytical results indicate a value less than the detection limit (or non detect), show the value as less than the numerical value of the detection limit.
- (3) If you did not analyze for a particular constituent, do not report "0". Instead leave the appropriate box blank.
- (4) Indicate the test method used to determine result. In cases where analysis was conducted in the field, using portable analyzers (portable pH meters, portable EC meters, etc.), indicate with an "A"
- (5) Dischargers subject to the Santa Clara County General Permit are required to provide estimates or calculations of the volume of storm water discharged from each point. Describe, on a separate sheet, how the flow measurement was calculated.

Name of person collecting sample: Aaron Cutchin Title: Health and Safety Technician

If analysis conducted by certified laboratory, enter name of laboratory: Quality Assurance Laboratories

Quality Assurance Laboratory
 6605 NANCY RIDGE DRIVE
 SAN DIEGO, CALIFORNIA 92121
 (619) 552-3636

IDEC PHARMACEUTICALS
 ATTN: AARON CUTCHIN
 11011 TORREYANA RD.
 SAN DIEGO, CA 92121

DATE OF REPORT
 DATE SAMPLE RECEIVED
 SAMPLING DATE
 ANALYZED BY
 SAMPLE TYPE

5-5-95
~~4-18-95~~
 4-18-95
 TK JL JS MR
 STORM WATER

ANALYSES RESULTS

ANALYSIS	PREP/ANALYSIS METHOD	UNITS	LOG NUMBER: 4392-9504 SAMPLE ID: STORM WATER
PH	STD 4500-B	PH UNITS	6.9
TSS	STD 2540-D	MG/L	21.0
TOC	EPA 415.2	MG/L	16.5
CONDUCTIVITY	STD 2510-B	UHMO/CM	77.6
GREASE & OIL	STD 5520-B	MG/L	<1

DATE EXTRACTED: 5-1-95 - GREASE & OIL

DATE ANALYZED: 4-18-95 - PH
 4-20-95 - TSS
 4-26-95 - CONDUCTIVITY
 4-28-95 - TOC
 5-2-95 - GREASE & OIL



PETER T.L. SHEN
 LABORATORY DIRECTOR

PS/rd

Attachment Two

State Water Resources Control Board 1994-1995 Annual Report

Facility WDID No: 9 37S010764

Owner/Operator: IDEC Pharmaceuticals

Address: 11011 Torreyana Rd., San Diego, CA 92121

Item 5. Visual Observations

No dry weather inspections were done from May to September as there has been no rain and we have no non-storm water events.

Item 9b. Discharge Point Sampling

Storm water discharges from outfall #1, #2 and #3 are considered substantially identical so it is not required that three samples be collected during each storm event.

Attachment Three

Comparison of 1993-94 and 1994-95 Storm Water Analytical Results

Facility WDID No: 9 37S010764

Owner/Operator: IDEC Pharmaceuticals

Address: 11011 Torreyana Rd., San Diego, CA 92121

Item 9d.

1993-94

Constituent Tested	Dec. 1993	Feb. 1994	April 1994
pH (pH units)	8.04	7.71	8.84
Total Suspended Solids (mg/L)	3.0	1.00	183
Sp. Conductance (umho/cm)	1070	92.00	362
Oil and Grease (mg/L)	< 1.0	1.30	1.9
Total Organic Carbon (mg/L)	3.58	5.28	12.4

1994-95

Constituent Tested	Nov. 1994	Jan.. 1995	Feb. 1995	Mar. 1995	April 1995
pH (pH units)	6.5	7.4	7.3	7.6	6.9
Total Suspended Solids (mg/L)	224	53	9.0	12.0	21.0
Sp. Conductance (umho/cm)	2030	171	203	204	77.6
Oil and Grease (mg/L)	5.4	4.0	2.2	3.1	<1
Total Organic Carbon (mg/L)	432	24.2	23.7	9.5	16.5

Compare Past Results

Since IDEC Pharmaceuticals has been in this location since 1993, only the 93-94 results to the 94-95 results can be compared. The pollutant concentrations seem somewhat consistent over the last two years. There are no activities that would account for any fluctuation in the results.

Attachment Four

State Water Resources Control Board 1994-1995 Annual Report

Facility WDID No: 9 37S010764

Owner/Operator: IDEC Pharmaceuticals

Address: 11011 Torreyana Rd., San Diego, CA 92121

Item 10. Effectiveness of SWPPP

Based upon the comparison and analysis of analytical data and visual observations, from the time we submitted our Notice of Intent to comply with the General Permit, our Storm Water Pollution Prevention Plan continues to be effective in reducing pollutants in the storm water discharge. In the past, the metal grating that is normally attached to the air intake of the cooling tower that serves the facility was periodically removed from the intake and rinsed free of mineral deposits that build up on the exterior surface. The runoff drained through outfall #2. This procedure has since then been discontinued at this drain and the runoff no longer is disposed of through the storm water outfalls.

Item 11. Evaluation

Overall, IDEC's SWPPP is effective in reducing pollutants in storm water discharge. Training sessions and inspections have created a heightened awareness to pollutants. The program is reviewed annually. To date, no changes are necessary in the plan.

SCALE 1" = 20'

OUTFALL NO. 3
(OVERLAND FLOW TO
PACIFIC OCEAN ETC.)
AREA = 0.43 AC.

M100.11.42"W
114.64'

N35.37.40"W

STEAM BOILER AREA
(OPEN)

EXISTING TWO STORY
MAIN BUILDING

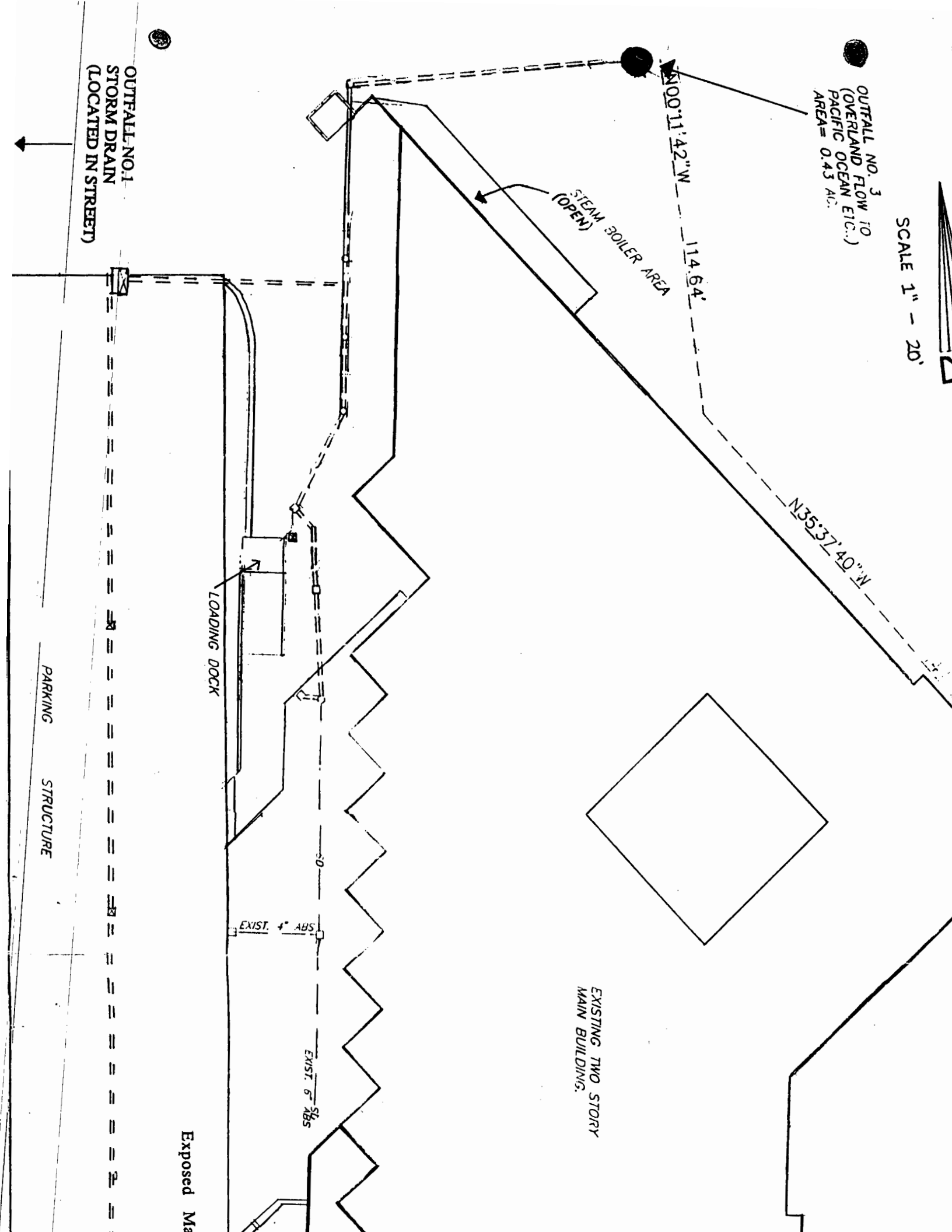
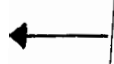
LOADING DOCK

EXIST. 4" ABS
EXIST. 6" ABS

Exposed Ma

OUTFALL NO. 1
STORM DRAIN
(LOCATED IN STREET)

PARKING
STRUCTURE



State of California
STATE WATER RESOURCES CONTROL BOARD

RECEIVED 9028-9

1995-1996
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STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

JUN 24 1996
SAN DIEGO REGIONAL WATER
QUALITY CONTROL BOARD

Reporting Period July 1, 1995 through June 30, 1996

An annual report is required to be submitted to your local Regional Water Quality Control Board (Regional Board) by July 1 of each year. This document must be certified and signed, under penalty of perjury, by the appropriate official of your company. Many of the Annual Report questions require an explanation. Please provide explanations on a separate sheet as an attachment. Retain a copy of the completed Annual Report for your records.

If any information contained in Items A, B, and C below is incorrect, please cross out or highlight the incorrect information (do not white out or erase) and provide the correct information next to or above the incorrect information.

If you have any questions, please contact your Regional Board Storm Water Program Contact. The address of your Regional Board (where the Annual Report must be filed) along with the name and telephone number of the contact person is indicated below.

REGIONAL BOARD INFORMATION:

SAN DIEGO REGIONAL WATER BOARD
9771 CLAIREMONT MESA BLVD., SUITE B
SAN DIEGO, CA 92124

Contact: FRANK MELBOURN
(619) 467-2952

GENERAL INFORMATION:

A. Facility WDID No:
9 37S010764

B. Facility/Site:
Contact Person:
MARK THOMPSON
Phone:
(619)550-8670

Address: IDEC PHARMACEUTICALS
11011 TORREYANA RD
SAN DIEGO, CA 92121

C. Owner/Operator:
Contact Person:
MARK THOMPSON
Phone:
(619)550-8670

Address: IDEC PHARMACEUTICALS
11011 TORREYANA RD
SAN DIEGO, CA 92121

SIC Code 2836 Biological Products except Diagnostic
SIC Code
SIC Code
SIC Code
Regulated Activity: PHARMACEUTICALS

*logged in
6/96*

DEC 5 1995

State of California
STATE WATER RESOURCES CONTROL BOARD

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WITH INDUSTRIAL ACTIVITIES

SPECIFIC INFORMATION

STORM WATER POLLUTION PREVENTION PLAN

1. Have you developed (and updated) a Storm Water Pollution Prevention Plan (SWPPP), as required in Section A of the General Permit?
 Yes No If No, attach an explanation and time schedule for SWPPP development.
2. Have you implemented all elements of your SWPPP?
 Yes No If No, attach an explanation and time schedule for SWPPP implementation.

NON-STORM WATER DISCHARGES

3. Section A.6 of the General Permit requires that non-storm water discharges be eliminated or permitted.

- a. Does your facility have any non-storm water discharges (see page 7 for examples)?

No Go to Question 4.

Yes Please list: _____

- b. Have any of the non-storm water discharges been permitted by a State or local agency?

No Yes If yes, on a separate sheet, identify the non-storm water discharge, agency that permitted the non-storm water discharge, and the permit number.

- c. Attach a description for each non-storm water discharges listed in 3.a that has not been permitted. At a minimum, this description should answer the following:

- o What is the source of the non-storm water discharge?
- o What are the characteristics of the non-storm water discharge (odor, color, frequency, flow rate, potential pollutants, etc.)?
- o What areas of your facility does the non-storm water discharge contact?
- o Has the non-storm water discharge been previously reported to the Regional Board?
- o Why hasn't the non-storm water discharge been eliminated?
- o When is the non-storm water discharge scheduled to be eliminated?

- d. Does your SWPPP include Best Management Practices (BMPs) that address the non-storm water discharges described in 3.c?

Yes No If No, revise your SWPPP and attach a brief description of the revisions.

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MONITORING AND REPORTING PLAN

4. Section B.5.a of the General Permit requires you to conduct an annual site inspection. Did you conduct an annual site inspection?

Yes If Yes, use FORM 1 (page 9) to report findings or provide the following for each area inspected:
See form 1 and Attachment 1.

- Date and time of inspection.
- Name and title of inspector.
- Summary of inspection findings. Evaluate if all sources of storm water pollutants have been identified in the SWPPP; if the BMPs identified in the SWPPP to address these sources of pollutants are in place and effective; and whether additional BMPs are needed. Discuss corrective actions that are necessary.

No If No, attach an explanation.

5. Section B.5.b of the General Permit requires you to conduct visual observations of all discharge locations at least twice during the dry season (May through September). How many dry season observations did you conduct?

None, attach an explanation why no dry season visual observations were conducted.

See Attachment 2, Item 5.

One, attach an explanation why only one dry season visual observation was conducted.

Two

More than two

See attachment 2, Item 5.

For each dry season visual observation conducted, use FORM 2 (page 10) to report observations or provide the following for each discharge location:

- Date and time of observation.
- Name and title of inspector.
- Observations of non-storm water discharge or indications of prior non-storm water discharge. Describe the discharge characteristics, i.e. odor, color, etc., and possible source of discharge, and corrective action taken. If no action has been taken, discuss what and when actions will be taken to eliminate the non-storm water discharge. Report all non-storm water discharges in Item 3 above.

6. Section B.5.c of the General Permit requires you to conduct visual observations of all discharge locations for at least one storm per month during the wet season (October through April). How many months during the wet season did you conduct visual observations? 7. If you did not conduct visual observations in each month of the wet season, attach an explanation.

For each wet season visual observation, use FORM 3 (page 11) to report observations or provide the following information for each discharge location:

- Date and time of observation.
- Name and title of inspector.
- Storm water discharge characteristics observed. For example, was the discharge discolored, very turbid; did it have an odor, evidence of floating or suspended material; did it have a sheen; or any other unusual characteristics? If any were observed, discuss the corrective actions taken or to be taken.

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SAMPLING AND ANALYSIS

7. a. Is your facility part of a Group Monitoring Plan? (Only facilities that have received prior approval are part of a group monitoring plan.)

Yes No

If No, go to Question 8.

If Yes, answer the following questions:

- b. What is the Group Monitoring Plan's name? _____

- c. Is your facility designated to collect storm water samples?

Yes No

If Yes, go to Question 9.

If No, go to Question 10.

8. a. Is your facility exempt from sample collection (Section B.9 of the General Permit)? (Only facilities that have received prior Self-certification approval are exempt from sampling. Facilities participating in a Group Monitoring Plan cannot be self-certified)

Yes No

If No, go to Question 9.

- b. If Yes, which of the following apply (check one):

Submitted Self Certification to Regional Board.

Date Submitted: _____

Received certification of local agency.

Received exemption by the Regional Board.

Attach, as appropriate, the first page of either the submitted self certification, the local agency certification letter, or the Regional Board exemption letter.

9. Section B.5.d of the General Permit requires that storm water samples from at least two storms be collected and analyzed.

- a. How many storms did you sample? 3

If you did not sample any storms, or only sampled one storm, attach an explanation.

- b. How many storm water discharge points are located at your facility? 3

Did you sample from every discharge point?

Yes No

If you did not sample from every discharge point, attach an explanation why you did not or attach a justification as to why certain discharge points are substantially identical.

See Attachment 2, Item 2.

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SAMPLING AND ANALYSIS (cont'd)

c. For each storm sampled, provide the following information:

	Number of Samples Taken	Number of Samples Analyzed and Reported	Constituents Tested and Reported
First Storm	1	1	pH, TSS, TOC, Conductivity, Grease & Oil.
Second Storm	1	1	Same
Additional Storms	1	1	Same

If all samples from the first and/or second storms were not analyzed, provide an explanation.

d. Provide a summary of your sampling and analysis results. You may use Form 4 (page 12) to report your findings. The summary should include the date and time of sample, constituents tested, who did the testing, the testing results, test method used, and test detection limit. Copies of the analytical results from the laboratory should also be attached. Include a completed Form 4, or equivalent, for each sample analyzed.

For facilities subject to Federal Storm Water Effluent Limitation Guidelines, separately report the Federal Guidelines and the corresponding monitoring results.

If past years analytical results are available, on a separate sheet, compare and evaluate the analytical results from the 1994-95 testing period with the analytical results from past years (are the pollutant concentrations increasing or decreasing and why; if a reason is known?).

See Attachment 3.

e. For each storm sampled, provide the following information:

	Was sample taken during the first 30 minutes?	Were there 3 days of dry weather before the storm?
First Storm	Yes	Yes
Second Storm	Yes	Yes
Additional Storms	Yes	Yes

If you responded no to either of the above questions for the first or second storm, attach an explanation.

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STORM WATER POLLUTION PREVENTION PLAN EVALUATION

10. Based upon the comparison and analysis of analytical data, visual observations, etc. from the time you submitted your Notice of Intent to comply with the General Permit; is your Storm Water Pollution Prevention Plan effective in reducing pollutants in your facility's storm water discharge? Discuss specific areas or elements of the SWPPP that are not effective or need improvement. Provide a brief description of alternatives or proposed revisions to the SWPPP.
See Attachment 4.
11. Provide a written evaluation of your monitoring program in detecting pollutants in storm water discharge. Discuss areas of the monitoring program that are not effective or need improvement. Provide a brief description of proposed revisions to the monitoring program.
See Attachment 4.
12. The General Industrial Activities Storm Water Permit requires that:
- o a Storm Water Pollution Prevention Plan be developed and implemented (Questions 1 and 2)
 - o non-storm water discharges be eliminated, reported to the Regional Board, or permitted (Question 3)
 - o an annual site inspection be conducted to determine the effectiveness of BMPs in reducing and/or eliminating sources of storm water pollution (Question 4)
 - o two dry weather visual observations be conducted (Question 5)
 - o wet weather visual observations be made once each month during the wet season (Question 6)
 - o unless specifically exempted, samples be collected and analyzed from at least two storms (Question 9)

If you have not completed all of the above requirements, please make sure you have attached an explanation for each requirement you have not completed.

Do you certify, based on your annual site inspection that, your facility is in compliance with the requirements of the General Industrial Activities Storm Water Permit?

Yes No

13. Attach an updated site map showing the areas of industrial activity; the areas where visual inspections were done; all storm water discharge locations; and all storm water sampling locations.

CERTIFICATION

I am duly authorized to sign reports required by the GENERAL INDUSTRIAL ACTIVITIES STORM WATER PERMIT (see Provisions C.9) and I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Printed Name: Mark Thompson
Signature: Mark Thompson Date: 6/17/96
Title: Environmental Health and Safety Manager

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NON-STORM WATER DISCHARGES

The list below contains examples of some common non-storm water discharges:

Boiler blow-down	Construction rinse down	Car washing
Floor washing	Non-contact cooling water	Tank drains
Boiler drains	Cooling tower back wash	Filter drains
Pavement washing	Evaporative cooling water	Window and building washing
Vehicle washing	Vehicle steam cleaning	Hydrostatic pressure vessel testing
Dust control water	Truck & trailer washing	Aggregate pile cooling water
Ground water infiltration	Landscape/lawn irrigation	Fire auxiliary (building sprinklers)
Foundation drainage	Air compressor condensate	Water line cleaning
Collected rainwater	Air conditioning condensate	Fire fighting (emergency only)
Well test pumping	Refrigeration unit condensate	Ground water discharges
Fire hydrant testing	Well water discharges	

The General Permit requires reporting of all unpermitted non-storm water discharges (discharges) to the appropriate Regional Board. You should report these discharges as an attachment to the Annual Report (see item 3.c). Regional Board staff may review your report and make modifications as appropriate. When preparing your schedule for the elimination of each discharge, please remember that the General Permit requires the discharge to be eliminated within three years of your NOI submittal date.

The General Permit was not intended to prohibit discharges that are not associated with industrial activity if the conditions provided by the General Permit Fact Sheet are met. Examples of discharges that may meet these conditions are landscape/lawn irrigation, air conditioning condensate, and fire hydrant testing. If the discharge meets the Fact Sheet conditions, the report should also explain briefly why the discharge meets the Fact Sheet conditions. A permitting strategy for such discharges is being developed by the Regional Boards. Regional Board staff will review your report and notify you of any permitting requirements or discharge prohibitions as they are developed.

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DESCRIPTION OF CONSTITUENTS TO BE MONITORED

The General Industrial Permit requires you to analyze storm water samples for at least four constituents. These are pH, Total Suspended Solids (TSS), Specific Conductance (SC), and Total Organic Carbon (TOC). Oil and Grease (O&G) may be substituted for TOC. In addition, you must monitor for any other pollutants which you believe to be present in your storm water discharge as a result of industrial activity. There are no numeric limitations for the constituents you test for.

The four constituents which the Permit requires to be tested are considered *indicators*. In other words they are nonspecific tests that will provide enough information to indicate whether or not pollutants are present in your storm water discharge. The following briefly explains what these parameters mean:

pH is numeric measure of the hydrogen-ion concentration. The neutral, or acceptable range can be defined as 6.5 to 8.5. At values less than 6.5, the water is considered acidic; above 8.5 it is considered alkaline or basic. An example of an acidic substance is vinegar and a alkaline or basic substance is liquid antacid. Pure rain fall tends to have a pH of less than 7. There may be sources of materials or industrial activities which could increase or decrease the pH of your storm water discharge. If the pH levels of your storm water discharge are high or low, you should conduct a thorough evaluation of all sources at your site.

Total Suspended Solids (TSS) is a measure of the undissolved solids that are present in your storm water discharge. Sources of TSS include sediment from erosion of exposed land, and dirt from impervious (i.e. paved) areas. Sediment by itself can be very toxic to aquatic life because it covers feeding and breeding grounds, and can smother organisms living on the bottom of a water body. Toxic chemicals and other pollutants also adhere to sediment particles. This provides a medium by which toxic or other pollutants end up in our water ways and ultimately in human and aquatic life. TSS levels vary in runoff from undisturbed land. It has been shown that TSS levels increase significantly due to land development.

Specific Conductance (SC) is a numerical expression of the ability of the water to carry an electric current. SC can be used to assess the degree of mineralization, or estimate the total dissolved solids concentration of a water sample. Because of air pollution, most rain water has a SC above zero. A high SC could affect the usability of waters for drinking and other commercial or industrial use.

Total Organic Carbon (TOC) is a measure of the total organic matter present in water. (All organic matter contains carbon) This test is sensitive and able to detect small concentrations of organic matter. Organic matter is naturally occurring in animals, plants, and man. Organic matter may also be man made (so called synthetic organics). Synthetic organics include pesticides, fuels, solvents, and paints. Natural organic matter utilizes the oxygen in a receiving water to biodegrade. Too much organic matter could place a significant oxygen demand on the water, and possibly impact its quality. Synthetic organics either do not biodegrade or biodegrade very slowly. Synthetic organics are a source of toxic chemicals that can have adverse affects at very low concentrations. Some of these chemicals bioaccumulate in aquatic life. If your levels of TOC are high, you should evaluate all sources of natural or synthetic organics you may use at your site.

Oil and Grease (O&G) is a measure of the amount of oil and grease present in your storm water discharge. At very low concentrations, O&G can cause a sheen (that floating "rainbow") on the surface of water (1 qt. of oil can pollute 250,000 gallons of water). O&G can adversely affect aquatic life and create unsightly floating material and film on water, thus making it undrinkable. Sources of O&G include maintenance shops, vehicles, machines and roadways.

If you have any questions regarding whether or not your constituent concentrations are too high, please contact your local Regional Board office.

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FORM 1 - ANNUAL SITE INSPECTION FORM

Inspection Date: April 8, 1996

INSPECTED AREAS List all areas where pollutants may come in contact with storm water (i.e. exposed loading/unloading, access, storage, manufacturing or process activities occur, maintenance activities, etc.).	For each area, are the BMPs listed in the SWPPP in place?		Are additional BMPs needed to control storm water pollution?		DESCRIBE DEFICIENCIES AND CORRECTIVE ACTIONS
	YES	NO	YES	NO	
Loading Docks	x			x	None
Exposed Material	x			x	None
Hazardous Waste Storage Area	x			x	None

Inspector's Name: Marty King

Title: Health and Safety Supervisor

Signature: *Marty King*

Date: 6/3/96

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FORM 2 - RECORD OF DRY SEASON VISUAL OBSERVATIONS

- Dry season visual observations are used to detect the presence of non-storm water discharges.
- This form should be filled out for at least two dry season visual observations between May 1 and September 30 of each year.
- Non-storm water discharges that have not been eliminated must be reported in Item 3 (page 2) of the Annual Report.

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVED?		DESCRIBE OBSERVATIONS	DESCRIBE SOURCE OF DISCHARGE
		YES / NO	INDICATIONS OF PRIOR DISCHARGE? YES / NO		
#2,3	5/24/96 10am			Dry, no debris, odorless	No discharge

Comments/Corrective Actions Taken for above: _____

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVED?		DESCRIBE OBSERVATIONS	DESCRIBE SOURCE OF DISCHARGE
		YES / NO	INDICATIONS OF PRIOR DISCHARGE? YES / NO		
#2,3	6/5/96 8am			Dry, no debris, odorless	No discharge

Comments/Corrective Actions Taken for above: _____

Inspector's Name: Marty King Title: Health and Safety Supervisor

Signature: *Marty King* Date: 6/3/96

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FORM 2 - RECORD OF DRY SEASON VISUAL OBSERVATIONS

- Dry season visual observations are used to detect the presence of non-storm water discharges.
- This form should be filled out for at least two dry season visual observations between May 1 and September 30 of each year.
- Non-storm water discharges that have not been eliminated must be reported in Item 3 (page 2) of the Annual Report.

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVED? YES / NO	DESCRIBE OBSERVATIONS	DESCRIBE SOURCE OF DISCHARGE
#2, 3	9/19/96 8am	INDICATIONS OF PRIOR DISCHARGE? YES / NO	Dry, no debris, odorless	No discharge

Comments/Corrective Actions Taken for above: _____

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVED? YES / NO	DESCRIBE OBSERVATIONS	DESCRIBE SOURCE OF DISCHARGE
#2, 3	8/14/96 9am	INDICATIONS OF PRIOR DISCHARGE? YES / NO	Dry, no debris, odorless	No discharge

Comments/Corrective Actions Taken for above: _____

Inspector's Name: Marty King Title: Health and Safety Supervisor

Signature: *Marty King* Date: 6/17/96

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FORM 2 - RECORD OF DRY SEASON VISUAL OBSERVATIONS

- Dry season visual observations are used to detect the presence of non-storm water discharges.
- This form should be filled out for at least two dry season visual observations between May 1 and September 30 of each year.
- Non-storm water discharges that have not been eliminated must be reported in Item 3 (page 2) of the Annual Report.

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVED? YES / NO	DESCRIBE OBSERVATIONS	DESCRIBE SOURCE OF DISCHARGE
#2, 3	9/19/96 8am	INDICATIONS OF PRIOR DISCHARGE? YES / NO	Dry, no debris, odorless	No discharge

Comments/Corrective Actions Taken for above: _____

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVED? YES / NO	DESCRIBE OBSERVATIONS	DESCRIBE SOURCE OF DISCHARGE
		INDICATIONS OF PRIOR DISCHARGE? YES / NO		

Comments/Corrective Actions Taken for above: _____

Inspector's Name: Marty King Title: Health and Safety Supervisor

Signature: *Marty King* Date: 5/2/96

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FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: October Approximate time storm water discharge began: _____

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		
#2, 3	Oct. 30 8am	Discolorations?	Oil/grease sheen?	Cloudiness?	Clear	Rainwater surface runoff
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Comments/Corrective Actions Taken for above: _____

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		
		Discolorations?	Oil/grease sheen?	Cloudiness?		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Comments/Corrective Actions Taken for above: _____

Inspector's Name: Marty King Title: Health and Safety Supervisor

Signature: *Marty King* Date: 6/2/96

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FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: November Approximate time storm water discharge began: _____

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		
#2, 3	Nov. 28 8am	Discolorations?	Cloudiness?		Clear	Rainwater surface runoff
		Odors?	Oil/grease sheen?			

Comments/Corrective Actions Taken for above: _____

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		
		Discolorations?	Cloudiness?			
		Odors?	Oil/grease sheen?			

Comments/Corrective Actions Taken for above: _____

Inspector's Name: Marty King Title: Health and Safety Supervisor

Signature: *Marty King* Date: 6/13/96

State of California
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FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: December Approximate time storm water discharge began: _____

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		
#2, 3	Dec. 21 8am	Discolorations?	Oil/grease sheen?	Cloudiness?	Clear	Rainwater surface runoff
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Comments/Corrective Actions Taken for above: _____

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		
		Discolorations?	Oil/grease sheen?	Cloudiness?		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Comments/Corrective Actions Taken for above: _____

Inspector's Name: Marty King Title: Health and Safety Supervisor

Signature: *Marty King* Date: 6/2/96

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FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: January Approximate time storm water discharge began: _____

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		
#2, 3	Jan. 26 8am	Floating Materials?	Suspended materials?	Odors?	Clear	Rainwater surface runoff
		Odors?	Oil/grease sheen?	Discolorations?		
		Discolorations?	Cloudiness?			

Comments/Corrective Actions Taken for above: _____

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		
		Floating Materials?	Suspended materials?	Odors?		
		Odors?	Oil/grease sheen?	Discolorations?		
		Discolorations?	Cloudiness?			

Comments/Corrective Actions Taken for above: _____

Inspector's Name: Marty King Title: Health and Safety Supervisor

Signature: *Marty King* Date: 6/3/96

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FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: February Approximate time storm water discharge began: _____

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		
#2,3	Feb. 1 8am	Discolorations?	Cloudiness?		Clear	Rainwater surface runoff
		Odors?	Oil/grease sheen?			

Comments/Corrective Actions Taken for above: _____

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		
		Discolorations?	Cloudiness?			
		Odors?	Oil/grease sheen?			

Comments/Corrective Actions Taken for above: _____

Inspector's Name: Marty King Title: Health and Safety Supervisor

Signature: *Marty King* Date: 6/3/96

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FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: March Approximate time storm water discharge began: _____

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		
#2, 3	Mar. 13 8am	Discolorations?	Cloudiness?		Clear	Rainwater surface runoff
		Odors?	Oil/grease sheen?			

Comments/Corrective Actions Taken for above: _____

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		
		Discolorations?	Cloudiness?			
		Odors?	Oil/grease sheen?			

Comments/Corrective Actions Taken for above: _____

Inspector's Name: Marty King Title: Health and Safety Supervisor

Signature: *Marty King* Date: 6/2/96

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FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: April Approximate time storm water discharge began: _____

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		
#2,3	Apr. 8 9am	Discolorations?	Oil/grease sheen?	Cloudiness?	Clear	Rainwater surface runoff

Comments/Corrective Actions Taken for above: _____

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		
		Discolorations?	Oil/grease sheen?	Cloudiness?		

Comments/Corrective Actions Taken for above: _____

Inspector's Name: Marty King Title: Health and Safety Supervisor

Signature: *Marty King* Date: 6/12/96

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FORM 4 - SAMPLING RESULTS

DISCHARGE POINT: #2

DATE AND TIME OF SAMPLE: February 1, 1996 7:30am TIME DISCHARGE STARTED: n/a

CONSTITUENT TESTED	TESTED BY: LAB/SELF ⁽¹⁾	RESULTS ⁽²⁾⁽³⁾	TEST METHOD USED ⁽⁴⁾	DETECTION LIMIT
pH	Lab	7.39 (pH UNITS)	EPA 150.1	1 pH Unit
TOTAL SUSPENDED SOLIDS	Lab	10 mg/L mg/l	EPA 160	1 mg/L
SPECIFIC CONDUCTANCE	Lab	96 uMHO umho/cm	SM 2510B	1 uMHO
OIL & GREASE	Lab	ND mg/L mg/l	SM 5520B	1 mg/L
TOTAL ORGANIC CARBON	Lab	6.9 mg/L mg/l	EPA 415.1	1 mg/L
ADDITIONAL POLLUTANTS:	N/A			
FLOW ⁽⁵⁾	Unknown			gallons
SIZE OF STORM (IF AVAILABLE)	N/A			inches

- (1) If testing was done by a certified laboratory, indicate "lab"; otherwise, indicate "self".
- (2) If analytical results indicate a value less than the detection limit (or non detect), show the value as less than the numerical value of the detection limit.
- (3) If you did not analyze for a particular constituent, do not report "0". Instead leave the appropriate box blank.
- (4) Indicate the test method used to determine result. In cases where analysis was conducted in the field, using portable analyzers (portable pH meters, portable EC meters, etc.), indicate with an "A"
- (5) Dischargers subject to the Santa Clara County General Permit are required to provide estimates or calculations of the volume of storm water discharged from each point. Describe, on a separate sheet, how the flow measurement was calculated.

Name of person collecting sample: Marty King Title: Health and Safety Supervisor

If analysis conducted by certified laboratory, enter name of laboratory: Environmental Engineering Laboratory

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH · DEVELOPMENT · TESTING
ESTABLISHED 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIF. 92680
(714) 730-6239
FAX (714) 730-6462

CLIENT: ENVIRONMENTAL ENGINEERING LAB
3538 HANCOCK STREET
SAN DIEGO, CA 92110
ATTENTION: CAROLYN BRODISH

DATE: 02/22/96
RECEIVED: 2/05/96
LABORATORY NO. 89233

SAMPLE: WATERS/1

INVESTIGATION: TOC BY EPA 415.1

RESULTS

MILLIGRAMS PER LITER

<u>Sample I.D.</u>	<u>Detection Limit</u>	<u>Concentration</u>
960201695	1.0	6.9

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Angela Burke, Project Manager
Water and Waste Laboratory



This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these Laboratories.

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FORM 4 - SAMPLING RESULTS

DISCHARGE POINT: #2

DATE AND TIME OF SAMPLE: February 12, 1996 8:00am TIME DISCHARGE STARTED: n/a

CONSTITUENT TESTED	TESTED BY: LAB/SELF ⁽¹⁾	RESULTS ⁽²⁾⁽³⁾	TEST METHOD USED ⁽⁴⁾	DETECTION LIMIT
pH	Lab	6.44 pH (pH UNITS)	EPA 150.1	1 pH Unit
TOTAL SUSPENDED SOLIDS	Lab	300 mg/L mg/l	EPA 160	1 mg/L
SPECIFIC CONDUCTANCE	Lab	630 uMHO umho/cm	SM 2510B	1 uMHO
OIL & GREASE	Lab	14 mg/L mg/l	SM 5520B	1 mg/L
TOTAL ORGANIC CARBON	Lab	81.0 mg/L mg/l	EPA 415.1	1 mg/L
ADDITIONAL POLLUTANTS:	N/A			
FLOW ⁽⁵⁾	Unknown		gallons	
SIZE OF STORM (IF AVAILABLE)	N/A		inches	

- (1) If testing was done by a certified laboratory, indicate "lab"; otherwise, indicate "self".
- (2) If analytical results indicate a value less than the detection limit (or non detect), show the value as less than the numerical value of the detection limit.
- (3) If you did not analyze for a particular constituent, do not report "0". Instead leave the appropriate box blank.
- (4) Indicate the test method used to determine result. In cases where analysis was conducted in the field, using portable analyzers (portable pH meters, portable EC meters, etc.), indicate with an "A"
- (5) Dischargers subject to the Santa Clara County General Permit are required to provide estimates or calculations of the volume of storm water discharged from each point. Describe, on a separate sheet, how the flow measurement was calculated.

Name of person collecting sample: Marty King Title: Health and Safety Supervisor

If analysis conducted by certified laboratory, enter name of laboratory: Environmental Engineering Laboratory

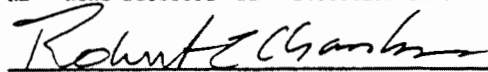
Environmental Engineering Laboratory
 3538 Hancock Street
 San Diego, CA 92110
 (619) 298-6131

IDEC PHARMACEUTICALS, INC.
 11011 TORREYANA RD.
 SAN DIEGO , CA
 92121

Customer # 2814 Sample # 960202191
 Reference : STORMWATER #2
 Sampled : 02/12/96 08:00AM Date Started : 02/12/96
 Received : 02/12/96 03:20PM P.O. # Date Completed: / /
 Comment : ATTN: MARTY KING

Test Run:	Result:	MCL	DL	Method:
Ph	6.44			
Solids, Suspended	300 mg/L		1.0	EPA160.
Conductance, Specific	630 uMHO		1	SM2510B
Grease & Oil	14 mg/L		1.0	SM5520B
TOC	SEE REPORT		1.0	EPA415.

ND - None Detected DL - Detection Limit MCL - Max Contaminant Levels



Reported by Robert L. Chambers

Eric W Chambers

Carolyn Brodish

Michael Harris

03/18/96
 Date

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING
ESTABLISHED 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIF. 92680
(714) 730-6239
FAX (714) 730-6462

CLIENT: ENVIRONMENTAL ENGINEERING LAB
3538 HANCOCK STREET
SAN DIEGO, CA 92110
ATTENTION: CAROLYN BRODISH

DATE: 3/12/96
RECEIVED: 2/13/96
LABORATORY NO. 89419

SAMPLE: WATERS/2

PROJECT: Stormwater

INVESTIGATION: TOC ANALYSIS PER EPA 415.1

RESULTS

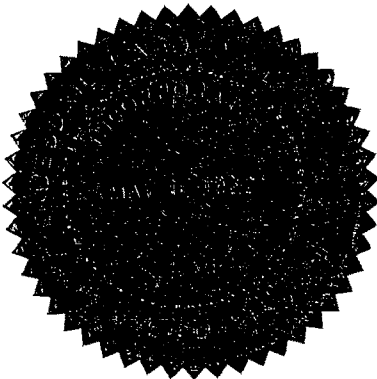
MILLIGRAMS PER LITER

<u>Sample I.D.</u>	<u>Limit</u>	<u>Concentration</u>
960202191	1.0	81.1
960202192	1.0	26.2

Date analysis complete: 3/05/96

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Angela Burke
Angela Burke, Project Manager
Water and Waste Laboratory



This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these Laboratories.

State of California
STATE WATER RESOURCES CONTROL BOARD

1995-1996
ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITY

FORM 4 - SAMPLING RESULTS

DISCHARGE POINT: #2

DATE AND TIME OF SAMPLE: February 21, 1996 9:00am TIME DISCHARGE STARTED: 8:30am

CONSTITUENT TESTED	TESTED BY: LAB/SELF ⁽¹⁾	RESULTS ⁽²⁾⁽³⁾	TEST METHOD USED ⁽⁴⁾	DETECTION LIMIT
pH	Lab	7.17 pH (pH UNITS)	EPA 150.1	1 pH Unit
TOTAL SUSPENDED SOLIDS	Lab	184 mg/L mg/l	EPA 160	1 mg/L
SPECIFIC CONDUCTANCE	Lab	131 uMHO umho/cm	SM 2510B	1 uMHO
OIL & GREASE	Lab	18 mg/L mg/l	SM 5520B	1 mg/L
TOTAL ORGANIC CARBON	Lab	10.8 mg/l	EPA 415.1	1 mg/L
ADDITIONAL POLLUTANTS:	N/A			
FLOW ⁽⁵⁾	Unknown	gallons		
SIZE OF STORM (IF AVAILABLE)	N/A	inches		

- (1) If testing was done by a certified laboratory, indicate "lab"; otherwise, indicate "self".
- (2) If analytical results indicate a value less than the detection limit (or non detect), show the value as less than the numerical value of the detection limit.
- (3) If you did not analyze for a particular constituent, do not report "0". Instead leave the appropriate box blank.
- (4) Indicate the test method used to determine result. In cases where analysis was conducted in the field, using portable analyzers (portable pH meters, portable EC meters, etc.), indicate with an "A"
- (5) Dischargers subject to the Santa Clara County General Permit are required to provide estimates or calculations of the volume of storm water discharged from each point. Describe, on a separate sheet, how the flow measurement was calculated.

Name of person collecting sample: Marty King Title: Health and Safety Supervisor

If analysis conducted by certified laboratory, enter name of laboratory: Environmental Engineering Laboratory

Environmental Engineering Laboratory
3538 Hancock Street
San Diego, CA 92110
(619) 298-6131

IDEC PHARMACEUTICALS, INC.
11011 TORREYANA RD.
SAN DIEGO, CA
92121

Customer # 2814 Sample # 960202729
Reference : STORMWATER
Sampled : 02/21/96 09:00AM Date Started : 02/21/96
Received : 02/21/96 02:00PM P.O. # Date Completed: / /
Comment : ATTN: MARTY KING

Test Run:	Result:	MCL	DL	Method:
Grease & Oil	18 mg/L		1.0	SM5520B
Ph	7.17			
Solids, Suspended	184 mg/L		1.0	EPA160.
Conductance, Specific	131 uMHO		1	SM2510B
TOC	SEE REPORT		1.0	EPA415.

MAR 21 1996

ND = None Detected DL = Detection Limit MCL = Max Contaminant Levels

Robert L. Chambers
Reported by Robert L. Chambers Eric W Chambers

Carolyn Brodish

Michael Harris

03/19/96
Date

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH · DEVELOPMENT · TESTING
ESTABLISHED 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIF. 92680
(714) 730-6239
FAX (714) 730-6462

CLIENT: ENVIRONMENTAL ENGINEERING LAB
3538 HANCOCK STREET
SAN DIEGO, CA 92110
ATTENTION: CAROLYN BRODISH

DATE: 03/13/96
RECEIVED: 2/23/96
LABORATORY NO. 89631

SAMPLE: WATERS/1

INVESTIGATION: TOC BY EPA 415.1

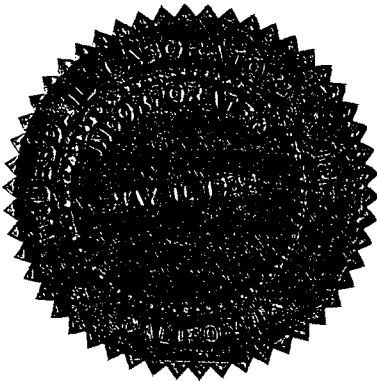
RESULTS

MILLIGRAMS PER LITER

<u>Sample I.D.</u>	<u>Detection Limit</u>	<u>Concentration</u>
960202729	1.0	10.8

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Angela Burke, Project Manager
Water and Waste Laboratory



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State of California
STATE WATER RESOURCES CONTROL BOARD

1995-1996
ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITY

FORM 4 - SAMPLING RESULTS

DISCHARGE POINT: #2

DATE AND TIME OF SAMPLE: March 13, 1996 7:30am TIME DISCHARGE STARTED: n/a

CONSTITUENT TESTED	TESTED BY: LAB/SELF ⁽¹⁾	RESULTS ⁽²⁾⁽³⁾	TEST METHOD USED ⁽⁴⁾	DETECTION LIMIT
pH	Lab	6.49 (pH UNITS)	EPA 150.1	1 pH Unit
TOTAL SUSPENDED SOLIDS	Lab	5.3 mg/l	EPA 160	1 mg/L
SPECIFIC CONDUCTANCE	Lab	110 umho/cm	SM 2510B	1 uMHO
OIL & GREASE	Lab	23.8 mg/l	SM 5520B	1 mg/L
TOTAL ORGANIC CARBON	Lab	6.5 mg/l	EPA 415.1	1 mg/L
ADDITIONAL POLLUTANTS:	N/A			
FLOW ⁽⁵⁾	Unknown		gallons	
SIZE OF STORM (IF AVAILABLE)	N/A		inches	

- (1) If testing was done by a certified laboratory, indicate "lab"; otherwise, indicate "self".
- (2) If analytical results indicate a value less than the detection limit (or non detect), show the value as less than the numerical value of the detection limit.
- (3) If you did not analyze for a particular constituent, do not report "0". Instead leave the appropriate box blank.
- (4) Indicate the test method used to determine result. In cases where analysis was conducted in the field, using portable analyzers (portable pH meters, portable EC meters, etc.), indicate with an "A".
- (5) Dischargers subject to the Santa Clara County General Permit are required to provide estimates or calculations of the volume of storm water discharged from each point. Describe, on a separate sheet, how the flow measurement was calculated.

Name of person collecting sample: Marty King Title: Health and Safety Supervisor

If analysis conducted by certified laboratory, enter name of laboratory: Environmental Engineering Laboratory

Environmental Engineering Laboratory
3538 Hancock Street
San Diego, CA 92110
(619) 298-6131

IDEC PHARMACEUTICALS, INC.
11011 TORREYANA RD.
SAN DIEGO, CA
92121

Customer # 2814 Sample # 960305080
Reference : STORMWATER
Sampled : 03/13/96 00:00_M Date Started : 03/13/96
Received : 03/13/96 02:30PM P.O. # Date Completed: / /
Comment : ATTN: MARTY KING

Test Run:	Result:	MCL	DL	Method:
Grease & Oil	23.8 mg/L		1.0	SM5520B
Ph	6.49			
Conductance, Specific	110 uMH0		1	SM2510B
Solids, Suspended	5.3 mg/L		1.0	EPA160.
TOC	6.5 mg/L		1.0	EPA415.

JUN 4 1996

ND - None Detected DL - Detection Limit MCL - Max Contaminant Levels

Robert L. Chambers
Reported by Robert L. Chambers Eric W Chambers

Carolyn Brodish

Michael Harris

04/12/96
Date

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH · DEVELOPMENT · TESTING
ESTABLISHED 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIF. 92680
(714) 730-6239
FAX (714) 730-6462

CLIENT: ENVIRONMENTAL ENGINEERING LAB
3538 HANCOCK STREET
SAN DIEGO, CA 92110
ATTENTION: CAROLYN BRODISH

DATE: 04/11/96

RECEIVED: 3/15/96

LABORATORY NO. 87045

SAMPLE: WATERS/4

INVESTIGATION: TOC BY EPA 415.1

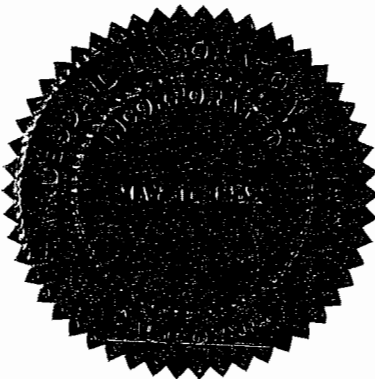
RESULTS

MILLIGRAMS PER LITER

<u>Sample I.D.</u>	<u>Detection Limit</u>	<u>Concentration</u>
960305067	1.0	5.0
960305080	1.0	6.5
960305101	1.0	3.1
960305102	1.0	2.1

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Angela Burke, Project Manager
Water and Waste Laboratory



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Attachment One

Annual SWPPP Inspection

Facility WDID No: 9 37S010764
Owner/Operator: IDEC Pharmaceuticals
Address: 11011 Torreyana Rd., San Diego, CA 92121

Date of Inspection:
4/08/96

Name(s) of Personnel Conducting Inspection:
Marty King

Observations:

As is listed on the Annual Site Inspection Form, areas where pollutants may come in contact with storm water - the loading docks, sites with exposed materials and the hazardous waste storage area - were inspected to ensure that the BMP's listed in the SWPPP are in place. The BMP's reviewed include: the use of signs to identify chemical storage areas, use of concrete berms to provide secondary containment, use of portable secondary containment, a training program on the contents of the SWPPP, development of guidelines and other written information regarding disposal practices for hazardous materials/wastes, effective spill response training, spill response supplies and inspection program.

Deficiencies:

None observed.

Corrective Action Taken:

None taken.

Signature(s):



Attachment Two

State Water Resources Control Board 1995-1996 Annual Report

Facility WDID No: 9 37S010764

Owner/Operator: IDEC Pharmaceuticals

Address: 11011 Torreyana Rd., San Diego, CA 92121

Item 5. Visual Observations

Dry weather inspections were done from May to September to observe the area around the drains although we have had no rain. Complying with the conditions of our permit, IDEC has no non-stormwater discharge events.

Item 9b. Discharge Point Sampling

Storm water discharges from outfall #1, #2 and #3 are considered substantially identical so it is not required that three samples be collected during each storm event.

Attachment Three

Comparison of 1993-94, 94-95, 95-96 Storm Water Analytical Results

Facility WDID No: 9 37S010764

Owner/Operator: IDEC Pharmaceuticals

Address: 11011 Torreyana Rd., San Diego, CA 92121

Item 9d.

1993-94

Constituent Tested	Dec. 1993	Feb. 1994	April 1994
pH (pH units)	8.04	7.71	8.84
Total Suspended Solids (mg/L)	3.0	1.00	183
Sp. Conductance (uMHO/cm)	1070	92.00	362
Oil and Grease (mg/L)	< 1.0	1.30	1.9
Total Organic Carbon (mg/L)	3.58	5.28	12.4

1994-95

Constituent Tested	Nov. 1994	Jan.. 1995	Feb. 1995	Mar. 1995	April 1995
pH (pH units)	6.5	7.4	7.3	7.6	6.9
Total Suspended Solids (mg/L)	224	53	9.0	12.0	21.0
Sp. Conductance (uMHO/cm)	2030	171	203	204	77.6
Oil and Grease (mg/L)	5.4	4.0	2.2	3.1	<1
Total Organic Carbon (mg/L)	432	24.2	23.7	9.5	16.5

Attachment Three (cont.)

Comparison of 1993-94, 94-95, 95-96 Storm Water Analytical Results

Facility WDID No: 9 37S010764

Owner/Operator: IDEC Pharmaceuticals

Address: 11011 Torreyana Rd., San Diego, CA 92121

Item 9d.

1995-96

Constituent Tested	Feb. 1 1996	Feb. 12 1996	Feb. 21 1996	Mar. 1996
pH (pH units)	7.39	6.44	7.17	6.49
Total Suspended Solids (mg/L)	10	300	184	5.3
Sp. Conductance (uMHO/cm)	96	630	131	110
Oil and Grease (mg/L)	None detected	14	18	23.8
Total Organic Carbon (mg/L)	6.9	81.1	10.8	6.5

Compare Past Results

IDEC Pharmaceuticals has been in this location since 1993. The pollutant concentrations seem somewhat consistent over the past years. There are no activities that would account for any fluctuation in the results.

The 93-94 and 94-95 results were analyzed by Quality Assurance Laboratories. The company is no longer operating in San Diego. We are currently sending our samples to Environmental Engineering Laboratories located in San Diego. EEL is subcontracting Truesdail Laboratories, Inc. of Tustin, California to analyze the TOC samples.

Attachment Four

State Water Resources Control Board 1995-1996 Annual Report

Facility WDID No: 9 37S010764

Owner/Operator: IDEC Pharmaceuticals

Address: 11011 Torreyana Rd., San Diego, CA 92121

Item 10. Effectiveness of SWPPP

Based upon the comparison and analysis of analytical data and visual observations, from the time we submitted our Notice of Intent to comply with the General Permit, our Storm Water Pollution Prevention Plan continues to be effective in reducing pollutants in the storm water discharge.

Item 11. Evaluation

Overall, IDEC's SWPPP is effective in reducing pollutants in storm water discharge. Training sessions and inspections have created a heightened awareness of pollutants. The program is reviewed annually. To date, no changes are necessary in the plan.

SCALE 1" = 20'

OUTFALL NO. 3
(OVERLAND FLOW TO
PACIFIC OCEAN ETC...)
AREA = 0.43 AC.

N00°11'42"W

114.64'

STEM BOILER AREA
(OPEN)

N35°37'40"W

EXISTING TWO STORY
MAIN BUILDING.

LOADING DOCK

EXIST. 4" AUS

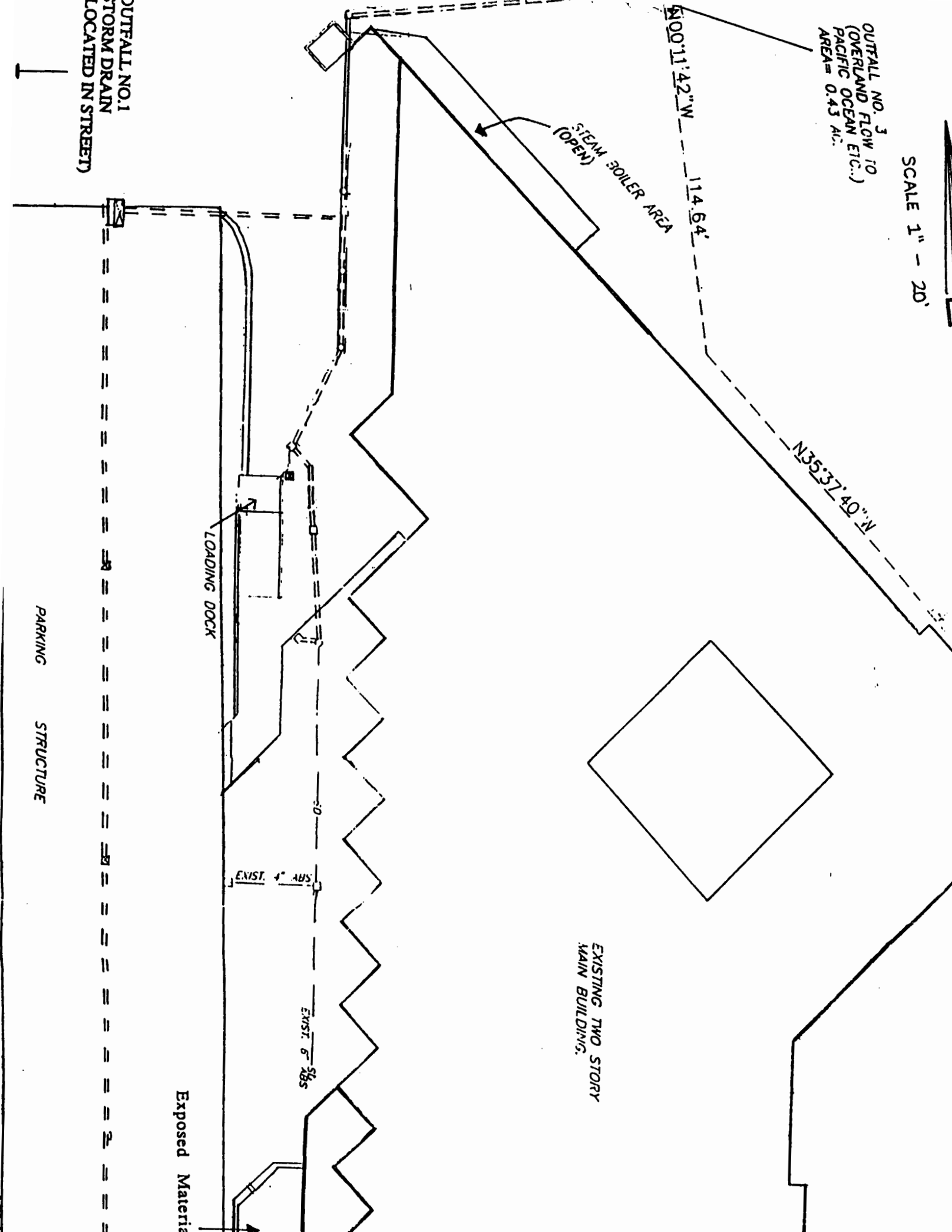
EXIST. 6" SBS

Exposed Material

OUTFALL NO. 1
STORM DRAIN
(LOCATED IN STREET)

PARKING

STRUCTURE



10764

GF

1640

STORM WATER ANNUAL REPORT

2

Reporting Period July 1, 1996 through June 30, 1997

An annual report is required to be submitted to your local Regional Water Quality Control Board (Regional Board) by June 1 of each year. This document must be certified and signed, under penalty of perjury, by the appropriate official of your company. Many of the Annual Report questions require an explanation. Please provide explanations on a separate sheet as an attachment. Retain a copy of the completed Annual Report for your records.

Please circle or highlight any incorrect information contained in items A, B, and C below and write in the correct information.

If you have any questions, please contact your Regional Board Storm Water Program Contact. The address of the Regional Board (where the Annual Report must be filed) along with the name and telephone number of the contact is indicated below.

REGIONAL BOARD INFORMATION:

SAN DIEGO REGIONAL WATER BOARD
9771 CLAIREMONT MESA BLVD., SUITE B
SAN DIEGO, CA 92124

GLORIA FULTON
(619) 467-2952

GENERAL INFORMATION:

RECEIVED
JUN 17 1997

A. Facility WDID No.

9 37S010764

SAN DIEGO REGIONAL WATER
QUALITY CONTROL BOARD

B. Owner/Operator

MARK THOMPSON
(619) 550-8670

IDEC PHARMACEUTICALS
11011 TORREYANA RD
SAN DIEGO, CA 92121

C: Facility

MARK THOMPSON
(619) 550-8670

IDEC PHARMACEUTICALS
11011 TORREYANA RD
SAN DIEGO, CA 92121

SIC, Description
2836 Biological Products, except Diagnostic Substances

Regulated Activity: PHARMACEUTICALS

logged
6/18/97 BTK
MD 6/18/97 BTK
BSS, SC, TOC
letter

State of California
STATE WATER RESOURCES CONTROL BOARD

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FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

MONITORING AND REPORTING PLAN

4. Section B.5.a of the General Permit requires you to conduct an annual site inspection. Did you conduct an annual site inspection?

Yes If Yes, use FORM 1 (page 9) to report findings or provide the following for each area inspected:

- Date and time of inspection.
- Name and title of inspector.
- Summary of inspection findings. Evaluate if all sources of storm water pollutants have been identified in the SWPPP; if the BMPs identified in the SWPPP to address these sources of pollutants are in place and effective; and whether additional BMPs are needed. Discuss corrective actions that are necessary.

See Form 1 and Attachment 1.

No If No, attach an explanation.

5. Section B.5.b of the General Permit requires you to conduct visual observations of all discharge locations at least twice during the dry season (May through September). How many dry season observations did you conduct?

None, attach an explanation why no dry season visual observations were conducted.

One, attach an explanation why only one dry season visual observation was conducted.

Two

More than two

See attachment 2, Item 5.
For each dry season visual observation conducted, use FORM 2 (page 10) to report observations or provide the following for each discharge location:

- Date and time of observation.
- Name and title of inspector.
- Observations of non-storm water discharge or indications of prior non-storm water discharge. Describe the discharge characteristics, i.e. odor, color, etc., and possible source of discharge, and corrective action taken. If no action has been taken, discuss what and when actions will be taken to eliminate the non-storm water discharge. Report all non-storm water discharges in Item 3 above.

6. Section B.5.c of the General Permit requires you to conduct visual observations of all discharge locations for at least one storm per month during the wet season (October through April). How many months during the wet season did you conduct visual observations? 7. If you did not conduct visual observations in each month of the wet season, attach an explanation.

For each wet season visual observation, use FORM 3 (page 11) to report observations or provide the following information for each discharge location:

- Date and time of observation.
- Name and title of inspector.
- Storm water discharge characteristics observed. For example, was the discharge discolored, very turbid; did it have an odor, evidence of floating or suspended material; did it have a sheen; or any other unusual characteristics? If any were observed, discuss the corrective actions taken or to be taken.

State of California
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WITH INDUSTRIAL ACTIVITIES

SAMPLING AND ANALYSIS (cont'd)

c. For each storm sampled, provide the following information:

	Number of Samples Taken	Number of Samples Analyzed and Reported	Constituents Tested and Reported
First Storm	1	1	pH, TSS, TOC, Conductivity, Grease & Oil
Second Storm	1	1	Same
Additional Storms	1	1	Same

If all samples from the first and/or second storms were not analyzed, provide an explanation.

d. Provide a summary of your sampling and analysis results. You may use Form 4 (page 12) to report your findings. The summary should include the date and time of sample, constituents tested, who did the testing, the testing results, test method used, and test detection limit. Copies of the analytical results from the laboratory should also be attached. Include a completed Form 4, or equivalent, for each sample analyzed.

For facilities subject to Federal Storm Water Effluent Limitation Guidelines, separately report the Federal Guidelines and the corresponding monitoring results.

If past years analytical results are available, on a separate sheet, compare and evaluate the analytical results from the 1996-97 testing period with the analytical results from past years (are the pollutant concentrations increasing or decreasing and why; if a reason is known?).

e. See Attachment 3.
For each storm sampled, provide the following information:

	Was sample taken during the first 30 minutes?	Were there 3 days of dry weather before the storm?
First Storm	Yes	Yes
Second Storm	Yes	Yes
Additional Storms	Yes	Yes

If you responded no to either of the above questions for the first or second storm, attach an explanation.

State of California
STATE WATER RESOURCES CONTROL BOARD

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WITH INDUSTRIAL ACTIVITIES

NON-STORM WATER DISCHARGES

The list below contains examples of some common non-storm water discharges:

Boiler blow-down	Construction rinse down	Car washing
Floor washing	Non-contact cooling water	Tank drains
Boiler drains	Cooling tower back wash	Filter drains
Pavement washing	Evaporative cooling water	Window and building washing
Vehicle washing	Vehicle steam cleaning	Hydrostatic pressure vessel testing
Dust control water	Truck & trailer washing	Aggregate pile cooling water
Ground water infiltration	Landscape/lawn irrigation	Fire auxiliary (building sprinklers)
Foundation drainage	Air compressor condensate	Water line cleaning
Collected rainwater	Air conditioning condensate	Fire fighting (emergency only)
Well test pumping	Refrigeration unit condensate	Ground water discharges
Fire hydrant testing	Well water discharges	

The General Permit requires reporting of all unpermitted non-storm water discharges (discharges) to the appropriate Regional Board. You should report these discharges as an attachment to the Annual Report (see item 3.c). Regional Board staff may review your report and make modifications as appropriate. When preparing your schedule for the elimination of each discharge, please remember that the General Permit requires the discharge to be eliminated within three years of your NOI submittal date.

The General Permit was not intended to prohibit discharges that are not associated with industrial activity if the conditions provided by the General Permit Fact Sheet are met. Examples of discharges that may meet these conditions are landscape/lawn irrigation, air conditioning condensate, and fire hydrant testing. If the discharge meets the Fact Sheet conditions, the report should also explain briefly why the discharge meets the Fact Sheet conditions. A permitting strategy for such discharges is being developed by the Regional Boards. Regional Board staff will review your report and notify you of any permitting requirements or discharge prohibitions as they are developed.

State of California
STATE WATER RESOURCES CONTROL BOARD

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

FORM 1 - ANNUAL SITE INSPECTION FORM

Inspection Date: May 15, 1997

INSPECTED AREAS <small>List all areas where pollutants may come in contact with storm water (i.e. exposed loading/unloading, access, storage, manufacturing or process activities occur, maintenance activities, etc.)</small>	For each area, are the BMPs listed in the SWPPP in place?		Are additional BMPs needed to control storm water pollution?		DESCRIBE DEFICIENCIES AND CORRECTIVE ACTIONS
	YES	NO	YES	NO	
Loading Docks	X			X	None
Exposed Material	X			X	None
Hazardous Waste Storage Area	X			X	None

Inspector's Name: Marty King

Title: Health and Safety Associate

Signature: Marty King

Date: June 10, 1997

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

FORM 2 - RECORD OF DRY SEASON VISUAL OBSERVATIONS

- Dry season visual observations are used to detect the presence of non-storm water discharges.
- This form should be filled out for at least two dry season visual observations between May 1 and September 30 of each year.
- Non-storm water discharges that have not been eliminated must be reported in Item 3 (page 2) of the Annual Report.

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVED?		DESCRIBE OBSERVATIONS	DESCRIBE SOURCE OF DISCHARGE
		YES / NO	INDICATIONS OF PRIOR DISCHARGE? YES / NO		
#2, 3	5/9/96 8am			Dry, no debris, odorless	No discharge

Comments/Corrective Actions Taken for above: _____

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVED?		DESCRIBE OBSERVATIONS	DESCRIBE SOURCE OF DISCHARGE
		YES / NO	INDICATIONS OF PRIOR DISCHARGE? YES / NO		
#2, 3	6/5/96 8am			Dry, no debris odorless	No discharge

Comments/Corrective Actions Taken for above: _____

Inspector's Name: Marty King

Title: Health and Safety Associate

Signature: Marty King

Date: June 10, 1997

State of California
STATE WATER RESOURCES CONTROL BOARD

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

FORM 2 - RECORD OF DRY SEASON VISUAL OBSERVATIONS

- Dry season visual observations are used to detect the presence of non-storm water discharges.
- This form should be filled out for at least two dry season visual observations between May 1 and September 30 of each year.
- Non-storm water discharges that have not been eliminated must be reported in Item 3 (page 2) of the Annual Report.

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVED? YES / NO	DISCHARGE OBSERVED? YES / NO	INDICATIONS OF PRIOR DISCHARGE? YES / NO	DESCRIBE OBSERVATIONS	DESCRIBE SOURCE OF DISCHARGE
#2, 3	7/1/96 8am				Dry, no debree, odorless	No discharge

Comments/Corrective Actions Taken for above: _____

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVED? YES / NO	INDICATIONS OF PRIOR DISCHARGE? YES / NO	DESCRIBE OBSERVATIONS	DESCRIBE SOURCE OF DISCHARGE
#2, 3	8/1/96 8am			Dry, no debree odorless	No discharge

Comments/Corrective Actions Taken for above: _____

Inspector's Name: Matty King

Title: Health and Safety Associate

Signature: Matty King

Date: June 10, 1997

State of California
STATE WATER RESOURCES CONTROL BOARD

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

FORM 2 - RECORD OF DRY SEASON VISUAL OBSERVATIONS

- Dry season visual observations are used to detect the presence of non-storm water discharges.
- This form should be filled out for at least two dry season visual observations between May 1 and September 30 of each year.
- Non-storm water discharges that have not been eliminated must be reported in Item 3 (page 2) of the Annual Report.

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVED? YES / NO	DESCRIBE OBSERVATIONS	DESCRIBE SOURCE OF DISCHARGE
#2, 3	9/2/96 8am	INDICATIONS OF PRIOR DISCHARGE? YES / NO	Dry, no debris, odorless	No discharge

Comments/Corrective Actions Taken for above: _____

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVED? YES / NO		DESCRIBE OBSERVATIONS	DESCRIBE SOURCE OF DISCHARGE
		INDICATIONS OF PRIOR DISCHARGE? YES / NO			

Comments/Corrective Actions Taken for above: _____

Inspector's Name: Marty King

Title: Health and Safety Associate

Signature: Marty King

Date: June 19, 1997

State of California
STATE WATER RESOURCES CONTROL BOARD

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: **October** Approximate time storm water discharge began: **1:10pm**

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		
#2	Oct. 30 1:10pm	Discolorations?	Cloudiness?		Clear	Rainwater surface runoff
		Oil/grease sheen?				

Comments/Corrective Actions Taken for above:

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Odors?		
		Discolorations?	Cloudiness?			
		Oil/grease sheen?				

Comments/Corrective Actions Taken for above:

Inspector's Name: **Matty King** Title: **Health and Safety Associate**

Signature: *Matty King* Date: **June 10, 2017**

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: November

Approximate time storm water discharge began: 3pm

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Oil/grease sheen?		
#2	Nov. 21 3:20pm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Clear	Rainwater surface runoff
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Comments/Corrective Actions Taken for above:

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Oil/grease sheen?		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Comments/Corrective Actions Taken for above:

Inspector's Name: Marty King

Title: Health and Safety Associate

Signature: Marty King

Date: June 10, 1997

State of California
STATE WATER RESOURCES CONTROL BOARD

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: December Approximate time storm water discharge began: 7:30am

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Oil/grease sheen?		
#2	Dec. 6 8:00am	<input type="checkbox"/> Floating Materials? <input type="checkbox"/> Odors? <input type="checkbox"/> Discolorations?	<input type="checkbox"/> Suspended materials? <input type="checkbox"/> Oil/grease sheen? <input type="checkbox"/> Cloudiness?	<input type="checkbox"/> Cloudiness?	Clear	Rainwater surface runoff

Comments/Corrective Actions Taken for above:

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)			DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?	Oil/grease sheen?		
		<input type="checkbox"/> Floating Materials? <input type="checkbox"/> Odors? <input type="checkbox"/> Discolorations?	<input type="checkbox"/> Suspended materials? <input type="checkbox"/> Oil/grease sheen? <input type="checkbox"/> Cloudiness?	<input type="checkbox"/> Cloudiness?		

Comments/Corrective Actions Taken for above:

Inspector's Name: Marty King

Title: Health and Safety Associate

Signature: Marty King

Date: June 10, 1997

State of California
STATE WATER RESOURCES CONTROL BOARD

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITY

FORM 4 - SAMPLING RESULTS

DISCHARGE POINT: #2

DATE AND TIME OF SAMPLE: ~~October 30, 1997~~ 1:10pm ¹⁹⁹⁶ TIME DISCHARGE STARTED: 1:00pm

CONSTITUENT TESTED	TESTED BY: LAB/SELF ⁽¹⁾	RESULTS ⁽²⁾⁽³⁾	TEST METHOD USED ⁽⁴⁾	DETECTION LIMIT
pH	Lab	7.2 (pH UNITS)	EPA 150.1	0.1 pH units
TOTAL SUSPENDED SOLIDS	Lab	74 mg/l	SMEWW2540D	1 mg./L
SPECIFIC CONDUCTANCE	Lab	130 umho/cm	SMEWW2510B	1 umho/cm
OIL & GREASE	Lab	1 mg/l	EPA 413.1	1 mg/L
TOTAL ORGANIC CARBON	Lab	9 mg/l	EPA 415.1	0.5 mg/L
ADDITIONAL POLLUTANTS:				
FLOW ⁽⁵⁾	unknown	gallons		
SIZE OF STORM (IF AVAILABLE)	N/A	inches		

- (1) If testing was done by a certified laboratory, indicate "lab"; otherwise, indicate "self".
- (2) If analytical results indicate a value less than the detection limit (or non detect), show the value as less than the numerical value of the detection limit.
- (3) If you did not analyze for a particular constituent, do not report "0". Instead leave the appropriate box blank.
- (4) Indicate the test method used to determine result. In cases where analysis was conducted in the field, using portable analyzers (portable pH meters, portable EC meters, etc.), indicate with an "A"
- (5) Dischargers subject to the Santa Clara County General Permit are required to provide estimates or calculations of the volume of storm water discharged from each point. Describe, on a separate sheet, how the flow measurement was calculated.

Name of person collecting sample: Marty King Title: H&S Associate

If analysis conducted by certified laboratory, enter name of laboratory: Pacific Treatment Analytical Services

ANALYSIS RESULTS

CLIENT: IDEC PHARMACEUTICAL CORP.

PROJECT NAME/No.: NONE

PTAS LOG #: 1520-96-1

SAMPLE ID: STORM WATER SAMPLE

DATE SAMPLED: 10/30/96

DATE RECEIVED: 10/30/96

DATE ANALYZED: 10/30-11/07/96

MATRIX: WATER

ANALYTE	PREP./ANALYSIS METHODS	DETECTION LIMIT	DF	RESULTS	UNITS
OIL & GREASE	EPA 413.2	1	1	1	MG/L
pH	EPA 150.1	0.1	1	7.2	pH UNITS
TSS	SMEWW 2540 D	1	1	74	MG/L
CONDUCTIVITY	SMEWW 2510 B	1	1	130	UMHOS/CM

DF = DILUTION FACTOR

ND = NON DETECT ABOVE INDICATED DETECTION LIMIT.

DETECTION LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.



QA/QC REPORT			
ERA ANALYSIS: 9973			
DATE ANALYZED: 10/30/96			
SPIKED ANALYTE	TV	DV	AR
pH	9.13	8.99	8.93 - 9.33

QA/QC REPORT			
ERA ANALYSIS: 9970, 9972			
DATE ANALYZED: 11/04-05/96			
SPIKED ANALYTE	TV	DV	%R
TSS	109	105	96
CONDUCTIVITY	1280	1180	92

QA/QC REPORT					
				ACCEPTABLE LCS/LCSD CRITERIA	ACCEPTABLE RPD CRITERIA
DATE ANALYZED: 11/07/96					
SPIKED ANALYTE	LCS % R	LCSD % R	RPD	%	%
OIL & GREASE	92	90	2	75-125	< 20

TV = TRUE VALUE
 DV = DETERMINED VALUE
 AR = ACCEPTABLE RANGE
 % R = PERCENT RECOVERY
 LCS % R = LABORATORY CONTROL SAMPLE PERCENT RECOVERY
 LCSD % R = LABORATORY CONTROL SAMPLE DUPLICATE PERCENT RECOVERY
 RPD = RELATIVE PERCENT DIFFERENCE


ASSOCIATED LABORATORIES

806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT

 Pacific Treatment Analytical (4903)
 Attn: Mark Noakes
 4340 Viewridge Ave.
 Suite A
 San Diego, Ca 92123

 LAB NO. LR477
 REPORTED 11/13/96

SAMPLE

Stormwater

RECEIVED 11/01/96

IDENTIFICATION

Project 1520-96

BASED ON SAMPLE

 Date Collected 10/30/96 @ 1310 hrs.
 As Submitted

<u>Constituent</u>	<u>Date/ Analyst</u>	<u>EPA Method</u>	<u>Method Detection Limit</u>	<u>Results</u>
Total Organic Carbon	11/06 SK	415.1	0.5	9 mg/l

ASSOCIATED LABORATORIES, by:

 Robert A. Webber
 Vice President

RAW/gk

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITY

FORM 4 - SAMPLING RESULTS

DISCHARGE POINT: #2

DATE AND TIME OF SAMPLE: November 21, 1997 ¹⁹⁹⁶ 3:20pm TIME DISCHARGE STARTED: 3:00pm

CONSTITUENT TESTED	TESTED BY: LAB/SELF ⁽¹⁾	RESULTS ⁽²⁾⁽³⁾	TEST METHOD USED ⁽⁴⁾	DETECTION LIMIT
pH	Lab	6.6 <small>pH units</small>	EPA 150.1	0.1 pH units
TOTAL SUSPENDED SOLIDS	Lab	350 <small>mg/l</small>	SMEWW2540D	1 mg./L
SPECIFIC CONDUCTANCE	Lab	960 <small>umho/cm</small>	SMEWW2510B	1 umho/cm
OIL & GREASE	Lab	4 <small>mg/l</small>	EPA 413.1	1 mg/L
TOTAL ORGANIC CARBON	Lab	126 <small>mg/l</small>	EPA 415.1	0.5 mg/L
ADDITIONAL POLLUTANTS:				
FLOW ⁽⁵⁾	unknown	<small>gallons</small>		
SIZE OF STORM (IF AVAILABLE)	N/A	<small>inches</small>		

- (1) If testing was done by a certified laboratory, indicate "lab"; otherwise, indicate "self".
- (2) If analytical results indicate a value less than the detection limit (or non detect), show the value as less than the numerical value of the detection limit.
- (3) If you did not analyze for a particular constituent, do not report "0". Instead leave the appropriate box blank.
- (4) Indicate the test method used to determine result. In cases where analysis was conducted in the field, using portable analyzers (portable pH meters, portable EC meters, etc.), indicate with an "A".
- (5) Dischargers subject to the Santa Clara County General Permit are required to provide estimates or calculations of the volume of storm water discharged from each point. Describe, on a separate sheet, how the flow measurement was calculated.

Name of person collecting sample: Marty King Title: H&S Associate

If analysis conducted by certified laboratory, enter name of laboratory: Pacific Treatment Analytical Services

ANALYSIS RESULTS

CLIENT: IDEC PHARMACEUTICAL CORPORATION

PROJECT NAME/No.: STORM WATER
PTAS LOG #: 1640-96-1
SAMPLE ID: STORM #2

DATE SAMPLED: 11/21/96
DATE RECEIVED: 11/22/96
DATE ANALYZED: 11/22-12/02/96
MATRIX: STORMWATER

ANALYTE	PREP./ANALYSIS METHODS	DETECTION LIMIT	DF	RESULTS	UNITS
OIL & GREASE	EPA 413.2	1	1	4	MG/L
pH	EPA 150.1	0.1	1	6.6	pH UNITS
TSS	SMEWW 2540 D	1	1	350	MG/L
CONDUCTIVITY	SMEWW 2510 B	1	1	960	UMHOS/CM

DF = DILUTION FACTOR

ND = NON DETECT ABOVE INDICATED DETECTION LIMIT.

DETECTION LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.



QA/QC REPORT

ERA ANALYSIS: 9972

DATE ANALYZED: 11/22/96

SPIKED ANALYTE	TV	DV	AR
pH	9.08	9.06	8.88 - 9.28

QA/QC REPORT

ERA ANALYSIS: 9970, 9972

DATE ANALYZED: 11/25-27/96

SPIKED ANALYTE	TV	DV	%R
TSS	109	110	101
CONDUCTIVITY	1150	1148	90

QA/QC REPORT

DATE ANALYZED: 12/02/96

SPIKED ANALYTE	LCS % R	LCSD % R	RPD	ACCEPTABLE LCS/LCSD CRITERIA	ACCEPTABLE RPD CRITERIA
OIL & GREASE	91	92	1	% 80-120	% < 20

TV = TRUE VALUE

DV = DETERMINED VALUE

% R = PERCENT RECOVERY

LCS % R = LABORATORY CONTROL SAMPLE PERCENT RECOVERY

LCSD % R = LABORATORY CONTROL SAMPLE DUPLICATE PERCENT RECOVERY

RPD = RELATIVE PERCENT DIFFERENCE




ASSOCIATED LABORATORIES

806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT

 Pacific Treatment Analytical (4903)
 Attn: Mark Noakes
 4340 Viewridge Ave.
 Suite A
 San Diego, Ca 92123

 LAB NO. LR1547
 REPORTED 12/05/96

SAMPLE

Stormwater

RECEIVED 11/26/96

IDENTIFICATION

 Project 1640-96; Stormwater
 Date Collected 11/21/96 @ 1520 hrs.
 As Submitted

BASED ON SAMPLE

Sample
Identification
Date
Analyst
Total
Organic Carbon
EPA 415.1

Storm #2

12/03 SK

126 mg/l

ASSOCIATED LABORATORIES, by:

 Robert A. Webber
 Vice President

RAW/gk

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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State of California
STATE WATER RESOURCES CONTROL BOARD

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITY

FORM 4 - SAMPLING RESULTS

DISCHARGE POINT: #2DATE AND TIME OF SAMPLE: December 6, 1997 8:00am TIME DISCHARGE STARTED: 7:30am

CONSTITUENT TESTED	TESTED BY: LAB/SELF ⁽¹⁾	RESULTS ⁽²⁾⁽³⁾	TEST METHOD USED ⁽⁴⁾	DETECTION LIMIT
pH	Lab	8.3 (pH UNITS)	EPA 150.1	0.1 pH units
TOTAL SUSPENDED SOLIDS	Lab	76 mg/l	SMEWW2540D	1 mg./L
SPECIFIC CONDUCTANCE	Lab	380 umho/cm	SMEWW2510B	1 umho/cm
OIL & GREASE	Lab	6 mg/l	EPA 413.1	1 mg/L
TOTAL ORGANIC CARBON	Lab	25 mg/l	EPA 415.1	0.5 mg/L
ADDITIONAL POLLUTANTS:				
FLOW ⁽⁵⁾	unknown	gallons		
SIZE OF STORM (IF AVAILABLE)	N/A	inches		

- (1) If testing was done by a certified laboratory, indicate "lab"; otherwise, indicate "self".
 (2) If analytical results indicate a value less than the detection limit (or non detect), show the value as less than the numerical value of the detection limit.
 (3) If you did not analyze for a particular constituent, do not report "0". Instead leave the appropriate box blank.
 (4) Indicate the test method used to determine result. In cases where analysis was conducted in the field, using portable analyzers (portable pH meters, portable EC meters, etc.), indicate with an "A"
 (5) Dischargers subject to the Santa Clara County General Permit are required to provide estimates or calculations of the volume of storm water discharged from each point. Describe, on a separate sheet, how the flow measurement was calculated.

Name of person collecting sample: Marty King Title: H&S AssociateIf analysis conducted by certified laboratory, enter name of laboratory: Pacific Treatment Analytical Services

ANALYSIS RESULTS

CLIENT: IDEC PHARMACEUTICAL CORP.

PROJECT NAME/No.: NONE

PTAS LOG #: 1742-96-1

SAMPLE ID: STORMWATER 1

DATE SAMPLED: 12/06/96

DATE RECEIVED: 12/06/96

DATE ANALYZED: 12/06-19/96

MATRIX: LIQUID

ANALYTE	PREP./ANALYSIS METHODS	DETECTION LIMIT	DF	RESULTS	UNITS
pH	EPA 150.1	0.1	1	8.3	pH UNITS
TSS	SMEWW 2540 D	1	1	76	MG/L
CONDUCTIVITY	SMEWW 2510 B	1	1	380	UMHOS/CM
OIL & GREASE	EPA 413.2	1	1	6	MG/L

DF = DILUTION FACTOR

ND = NON DETECT ABOVE INDICATED DETECTION LIMIT.

DETECTION LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.



QA/QC REPORT**ERA ANALYSIS:** 9972**DATE ANALYZED:** 12/06/96

SPIKED ANALYTE	TV	DV	AR
pH	9.08	8.98	8.88 - 9.28

QA/QC REPORT**ERA ANALYSIS:** 9970, 9974**DATE ANALYZED:** 12/09-16/96

SPIKED ANALYTE	TV	DV	%R
TSS	109	100	92
CONDUCTIVITY	1770	1600	90

QA/QC REPORT

				ACCEPTABLE LCS/LCSD CRITERIA	ACCEPTABLE RPD CRITERIA
DATE ANALYZED: 12/19/96					
SPIKED ANALYTE	LCS % R	LCSD % R	RPD	%	%
OIL & GREASE	102	106	4	75-125	< 20

TV = TRUE VALUE

DV = DETERMINED VALUE

AR = ACCEPTABLE RANGE

%R = PERCENT RECOVERY

LCS % R = LABORATORY CONTROL SAMPLE PERCENT RECOVERY

LCSD % R = LABORATORY CONTROL SAMPLE DUPLICATE PERCENT RECOVERY

RPD = RELATIVE PERCENT DIFFERENCE




ASSOCIATED LABORATORIES

806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT

 Pacific Treatment Analytical (4903)
 Attn: Mark Noakes
 4340 Viewridge Ave.
 Suite A
 San Diego, Ca 92123

 LAB NO. LR2269
 REPORTED 12/23/96

SAMPLE

Stormwater

RECEIVED 12/09/96

IDENTIFICATION

 Project 1742-96
 Date Collected 12/06/96 @ 0800 hrs.
 As Submitted

BASED ON SAMPLE

Sample
Identification
Date
Analyst

 Total
 Organic Carbon
EPA 415.1

Stormwater 1

12/17 SK

25 mg/l

ASSOCIATED LABORATORIES, by:

 Robert A. Webber
 Vice President

RAW/gk

NOTE: Unless notified in writing, all samples will be discarded
 by appropriate disposal protocol 30 days from date reported.

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Attachment One

Annual SWPPP Inspection

Facility WDID No: 9 37S010764
Owner/Operator: IDEC Pharmaceuticals
Address: 11011 Torreyana Rd., San Diego, CA 92121

Date of Inspection:

5-15-97

Name(s) of Personnel Conducting Inspection:

Marty King

Observations:

As is listed on the Annual Site Inspection Form, areas where pollutants may come in contact with storm water - the loading docks, sites with exposed materials and the hazardous waste storage area - were inspected to ensure that the BMP's listed in the SWPPP are in place. The BMP's reviewed include: the use of signs to identify chemical storage areas, use of concrete berms to provide secondary containment, use of portable secondary containment, a training program on the contents of the SWPPP, development of guidelines and other written information regarding disposal practices for hazardous materials/wastes, effective spill response training, spill response supplies and inspection program.

Deficiencies:

None observed.

Corrective Action Taken:

None taken.

Signature(s):

Marty King

Attachment Two

State Water Resources Control Board 1996-1997 Annual Report

Facility WDID No: 9 37S010764

Owner/Operator: IDEC Pharmaceuticals

Address: 11011 Torreyana Rd., San Diego, CA 92121

Item 5. Visual Observations

Dry weather inspections were done from May to September to observe the area around the drains although we have had no rain. Complying with the conditions of our permit, IDEC has no non-stormwater discharge events.

Item 9b. Discharge Point Sampling

Storm water discharges from outfall #1, #2 and #3 are considered substantially identical so it is not required that three samples be collected during each storm event.

Attachment Three

Comparison of 1993-94, 94-95, 95-96, 96-97 Storm Water Analytical Results

Facility WDID No: 9 37S010764

Owner/Operator: IDEC Pharmaceuticals

Address: 11011 Torreyana Rd., San Diego, CA 92121

Item 9d.

1993-94

Constituent Tested	Dec. 1993	Feb. 1994	April 1994
pH (pH units)	8.04	7.71	8.84
Total Suspended Solids (mg/L)	3.0	1.00	183
Sp. Conductance (uMHO/cm)	1070	92.00	362
Oil and Grease (mg/L)	< 1.0	1.30	1.9
Total Organic Carbon (mg/L)	3.58	5.28	12.4

1994-95

Constituent Tested	Nov. 1994	Jan.. 1995	Feb. 1995	Mar. 1995	April 1995
pH (pH units)	6.5	7.4	7.3	7.6	6.9
Total Suspended Solids (mg/L)	224	53	9.0	12.0	21.0
Sp. Conductance (uMHO/cm)	2030	171	203	204	77.6
Oil and Grease (mg/L)	5.4	4.0	2.2	3.1	<1
Total Organic Carbon (mg/L)	432	24.2	23.7	9.5	16.5

Attachment Three (continued)

**Comparison of 1993-94, 94-95, 95-96, 96-97
Storm Water Analytical Results**

Facility WDID No: 9 37S010764
Owner/Operator: IDEC Pharmaceuticals
Address: 11011 Torreyana Rd., San Diego, CA 92121

Item 9d.

3/13/96

Constituent Tested	1995-96			
	Feb. 1 1996	Feb. 12 1996	Feb. 21 1996	Mar. 1996
pH (pH units)	7.39	6.44	7.17	6.49
Total Suspended Solids (mg/L)	10	300	184	5.3
Sp. Conductance (uMHO/cm)	96	630	131	110
Oil and Grease (mg/L)	None detected	14	18	23.8
Total Organic Carbon (mg/L)	6.9	81.1	10.8	6.5

10/21/96 *11/21/96* *12/6/96*

Constituent Tested	1996-97		
	Oct. 1996	Nov. 1996	Dec. 1996
pH (pH units)	7.2	6.6	8.3
Total Suspended Solids (mg/L)	74	350	76
Sp. Conductance (uMHO/cm)	130	960	380
Oil and Grease (mg/L)	1	4	6
Total Organic Carbon (mg/L)	9	126	25

Attachment Three (continued)

**Comparison of 1993-94, 94-95, 95-96, 96-97
Storm Water Analytical Results**

Facility WDID No: 9 37S010764

Owner/Operator: IDEC Pharmaceuticals

Address: 11011 Torreyana Rd., San Diego, CA 92121

Item 9d.

Compare Past Results

IDEC Pharmaceuticals has been in this location since 1993. The pollutant concentrations seem somewhat consistent over the past years. There are no activities that would account for any fluctuation in the results.

The 93-94 and 94-95 results were analyzed by Quality Assurance Laboratories. The company is no longer operating in San Diego. The 1995-96 samples were analyzed by Environmental Engineering Laboratories located in San Diego. EEL is subcontracting Truesdail Laboratories, Inc. of Tustin, California to analyze the TOC samples. The 1996-1997 samples are being analyzed by D-Tech of San Diego.

Attachment Four

State Water Resources Control Board 1996-1997 Annual Report

Facility WDID No: 9 37S010764

Owner/Operator: IDEC Pharmaceuticals

Address: 11011 Torreyana Rd., San Diego, CA 92121

Item 10. Effectiveness of SWPPP

Based upon the comparison and analysis of analytical data and visual observations, from the time we submitted our Notice of Intent to comply with the General Permit, our Storm Water Pollution Prevention Plan continues to be effective in reducing pollutants in the storm water discharge.

Item 11. Evaluation

Overall, IDEC's SWPPP is effective in reducing pollutants in storm water discharge. Training sessions and inspections have created a heightened awareness of pollutants. The program is reviewed annually. The plan will be amended per the May 1, 1997 reissued Industrial Activities Storm Water General Permit.

SCALE 1" = 20'

OUTFALL NO. 3
(OVERLAND FLOW TO
PACIFIC OCEAN ETC.)
AREA = 0.43 AC.

N100°11'42"W
114.64'

N35°37'40"W

STEAM BOILER AREA
(OPEN)

EXISTING TWO STORY
MAIN BUILDING.

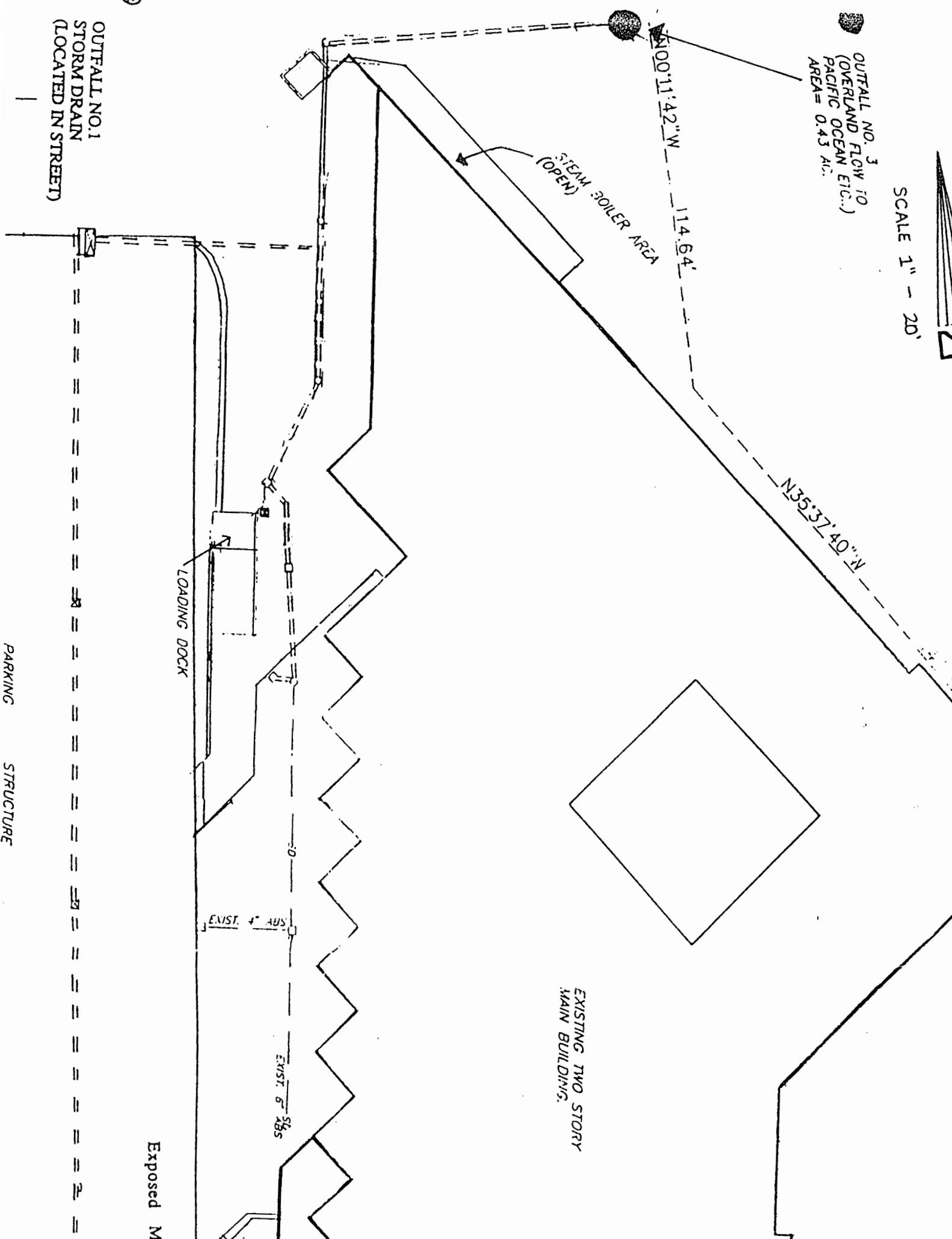
LOADING DOCK

EXIST. 4" AUS
EXIST. 6" S/S

Exposed M

OUTFALL NO. 1
STORM DRAIN
(LOCATED IN STREET)

PARKING STRUCTURE



State of California
State Water Resources Control Board

1997-1998
ANNUAL REPORT

FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

logged

Reporting Period July 1, 1997 through June 30, 1998

An annual report is required to be submitted to your local Regional Water Quality Control Board (Regional Board) by July 1 of each year. This document must be certified and signed, under penalty of perjury, by the appropriate official of your company. Many of the Annual Report questions require an explanation. Please provide explanations on a separate sheet as an attachment. **Retain a copy of the completed Annual Report for your records.**

If any information contained in Items A, B, and C below is incorrect, please cross out or highlight the incorrect information (do not white out or erase) and provide the correct information next to or above the incorrect information.

If you have any questions, please contact your Regional Board Storm Water Program Contact. The address of your Regional Board (where the Annual Report must be filed) along with the name and telephone number of the contact person is indicated below.

REGIONAL BOARD INFORMATION:

SAN DIEGO REGIONAL WATER BOARD
9771 CLAIREMONT MESA BLVD., SUITE A
SAN DIEGO, CA 92124

GLORIA FULTON
(619) 467-2971

*logged
4/20/98
BATE*

GENERAL INFORMATION

A. Facility WQID NO: 937S010764

B. Facility Operator Information: IDEC PHARMACEUTICALS
11011 TORREYANA RD
SAN DIEGO, CA 92121
Contact Person: MARK THOMPSON
Phone: (619) 550-8613 458-8822

C. Facility Information:
IDEC PHARMACEUTICALS
11011 TORREYANA RD
SAN DIEGO, CA 92121

Contact Person: MARK THOMPSON
SIC Code(s):
2836 Biological Products, except Diagnostic Substances

458-8822
(619) 550-8613 *VP*

1998 JUN 16 A 11:25
SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD

ANNUAL REPORT

SPECIFIC INFORMATION

MONITORING AND REPORTING PROGRAM

D. SAMPLING AND ANALYSIS EXEMPTIONS AND REDUCTIONS

1. For the reporting period, was your facility exempt from collecting and analyzing samples from two storm events in accordance with sections B.12 or 15 of the General Permit?

YES Go to Item D.2 NO Go to Section E

2. Indicate the reason your facility is exempt from collecting and analyzing samples from two storm events. Attach a copy of the first page of the appropriate certification if you check boxes ii, iii, iv, or v.

i. Participating in an Approved Group Monitoring Plan Group Name: _____

ii. Submitted No Exposure Certification (NEC) Date Submitted: ___/___/___
Re-evaluation Date: ___/___/___

Does facility continue to satisfy NEC conditions? YES NO

iii. Submitted Sampling Reduction Certification (SRC) Date Submitted: ___/___/___
Re-evaluation Date: ___/___/___

Does facility continue to satisfy SRC conditions? YES NO

iv. Received Regional Board Certification Certification Date: ___/___/___

v. Received Local Agency Certification Certification Date: ___/___/___

3. If you checked boxes i or iii above, were you scheduled to sample one storm event during the reporting year?

YES Go to Section E NO Go to Section F

E. SAMPLING AND ANALYSIS RESULTS

1. How many storm events did you sample? 2 If less than 2, attach explanation (if you checked item D.2.i or iii. above, only attach explanation if you answer "0").

2. Did you collect storm water samples from the first storm of the wet season that produced a discharge during scheduled facility operating hours? (Section B.5 of the General Permit)

YES NO Attach explanation

3. How many storm water discharge locations are at your facility? 3

4. For each storm event sampled, did you collect and analyze a sample from each of the facility's storm water discharge locations? YES, go to Item E.6 NO
5. Was sample collection or analysis reduced in accordance with Section B.7.d of the General Permit? YES NO, attach explanation
- If "YES", attach documentation supporting your determination that two or more drainage areas are substantially identical.
- Date facility's drainage areas were last evaluated 5/1/98
6. Were all samples collected during the first hour of discharge? YES NO, attach explanation
7. Was all storm water sampling preceded by three (3) working days without a storm water discharge? YES NO, attach explanation
8. Were there any discharges of stormwater that had been temporarily stored or contained? (such as from a pond) YES NO, go to Item E.10
9. Did you collect and analyze samples of temporarily stored or contained storm water discharges from two storm events? (or one storm event if you checked item D.2.i or iii. above) YES NO, attach explanation
10. Section B.5. of the General Permit requires you to analyze storm water samples for pH, Total Suspended Solids (TSS), Specific Conductance (SC), Total Organic Carbon (TOC) or Oil and Grease (O&G), other pollutants likely to be present in storm water discharges in significant quantities, and analytical parameters listed in Table D of the General Permit.
- a. Is your facility required to analyze additional parameters listed in Table D of the General Permit? YES NO, Go to Item E.11
- b. Did you analyze all storm water samples for the applicable parameters listed in Table D? YES NO
- c. If you did not analyze all storm water samples for the applicable Table D parameters, check one of the following reasons:
- _____ The parameter has not been detected in significant quantities from the last two consecutive sampling events. **Attach explanation**
- _____ The parameter is not likely to be present in storm water discharges and authorized non-storm water discharges in significant quantities based upon the facility operator's evaluation. **Attach explanation**
- _____ Other. **Attach explanation**
11. For each storm event sampled, attach a copy of the laboratory analytical reports and report the sampling and analysis results using **Form 1** or its equivalent. The following must be provided for each sample collected:
- Date and time of sample collection
 - Name and title of sampler.
 - Parameters tested.
 - Name of analytical testing laboratory.
 - Discharge location identification.
 - Testing results.
 - Test methods used.
 - Test detection limits.
 - Date of testing.
 - Copies of the laboratory analytical results.

F. QUARTERLY VISUAL OBSERVATIONS

1. **Authorized Non-Storm Water Discharges:**

Section B.3.b of the General Permit requires quarterly visual observations of all authorized non-storm water discharges and their sources.

a. Do authorized non-storm water discharges occur at your facility?

YES NO Go to Item F.2

b. Indicate whether you visually observed all authorized non-storm water discharges and their sources during the quarters when they were discharged. **Attach an explanation for any "NO" answers.** Indicate "N/A" for quarters without any authorized non-storm water discharges.

July-September: YES NO N/A October-December: YES NO N/A

January-March: YES NO N/A April-June: YES NO N/A

c. Use **Form 2** to report quarterly visual observations of authorized non-storm water discharges or provide the following information.

- i. name of each authorized non-storm water discharge.
- ii. date and time of observation.
- iii. source and location of each authorized non-storm water discharge.
- iv. characteristics of the discharge at its source and impacted drainage area/discharge location.
- v. name, title, and signature of observer.
- vi. **any** new or revised BMPs necessary to reduce or prevent pollutants in authorized non-storm water discharges. Provide new or revised BMP implementation date.

2. **Unauthorized Non-Storm Water Discharges**

Section B.3.a of the General Permit requires quarterly visual observations of all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources.

a. Indicate whether you visually observed all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources. **Attach an explanation for any "NO" answers.**

July-September YES NO October-December: YES NO

January-March YES NO April-June: YES NO

b. Based upon the quarterly visual observations, were any unauthorized non-storm water discharges detected?

YES NO Go to item F.2.d

c. Have each of the unauthorized non-storm water discharges been eliminated or permitted?

YES NO **Attach explanation**

d. Use **Form 3** to report quarterly unauthorized non-storm water discharge visual observations or provide the following information:

- i. name of each unauthorized non-storm water discharge.
- ii. date and time of observation.
- iii. source and location of each unauthorized non-storm water discharge.
- iv. characteristics of the discharge at its source and impacted drainage area/discharge location.
- v. name, title, and signature of observer.
- vi. **any** corrective actions necessary to eliminate the source of each unauthorized non-storm water discharge and to clean impacted drainage areas. Provide date unauthorized non-storm water discharge(s) was eliminated or scheduled to be eliminated.

G. MONTHLY WET SEASON VISUAL OBSERVATIONS

Section B.4.a of the General Permit requires you to conduct monthly visual observations of storm water discharges at all storm water discharge locations during the wet season. These observations shall occur during the first hour of discharge or, in the case of temporarily stored or contained storm water, at the time of discharge.

1. Indicate below whether monthly visual observations of storm water discharges occurred at all discharge locations. Attach an explanation for any "NO" answers.

	YES	NO		YES	NO
October	<input checked="" type="checkbox"/>	<input type="checkbox"/>	February	<input checked="" type="checkbox"/>	<input type="checkbox"/>
November	<input checked="" type="checkbox"/>	<input type="checkbox"/>	March	<input checked="" type="checkbox"/>	<input type="checkbox"/>
December	<input checked="" type="checkbox"/>	<input type="checkbox"/>	April	<input checked="" type="checkbox"/>	<input type="checkbox"/>
January	<input checked="" type="checkbox"/>	<input type="checkbox"/>	May	<input checked="" type="checkbox"/>	<input type="checkbox"/>

2. Report monthly wet season visual observations using **Form 4** or provide the following information.

- date, time, and location of observation
- name and title of observer
- characteristics of the discharge (i.e., odor, color, etc.) and source of any pollutants observed.
- any new or revised BMPs necessary to reduce or prevent pollutants in storm water discharges. Provide new or revised BMP implementation date.

ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION (ACSCE)

H. ACSCE CHECKLIST

Section A.9 of the General Permit requires the facility operator to conduct one ACSCE in each reporting period (July 1-June 30). Evaluations must be conducted within 8-16 months of each other. The SWPPP and monitoring program shall be revised and implemented, as necessary, within 90 days of the evaluation. The checklist below includes the minimum steps necessary to complete a ACSCE. Indicate whether you have performed each step below. Attach an explanation for any "NO" answers.

1. Have you inspected all potential pollutant sources and industrial activities areas? YES NO
 The following areas should be inspected:
- areas where spills and leaks have occurred during the last year.
 - outdoor wash and rinse areas.
 - process/manufacturing areas.
 - loading, unloading, and transfer areas.
 - waste storage/disposal areas.
 - dust/particulate generating areas.
 - erosion areas.
 - building repair, remodeling, and construction
 - material storage areas
 - vehicle/equipment storage areas
 - truck parking and access areas
 - rooftop equipment areas
 - vehicle fueling/maintenance areas
 - non-storm water discharge generating areas
2. Have you reviewed your SWPPP to assure that its BMPs address existing potential pollutant sources and industrial activities areas? YES NO

3. Have you inspected the entire facility to verify that the SWPPP's site map, is up-to-date? The following site map items should be verified: YES NO

- facility boundaries
- outline of all storm water drainage areas
- areas impacted by run-on
- storm water discharges locations
- storm water collection and conveyance system
- structural control measures such as catch basins, berms, containment areas, oil/water separators, etc.

4. Have you reviewed all General Permit compliance records generated since the last annual evaluation? YES NO

The following records should be reviewed:

- quarterly authorized non-storm water discharge visual observations
- monthly storm water discharge visual observation
- records of spills/leaks and associated clean-up/response activities
- quarterly unauthorized non-storm water discharge visual observations
- Sampling and Analysis records
- preventative maintenance inspection and maintenance records

5. Have you reviewed the major elements of the SWPPP to assure compliance with the General Permit? YES NO

The following SWPPP items should be reviewed:

- pollution prevention team
- list of significant materials
- description of potential pollutant sources
- assessment of potential pollutant sources
- identification and description of the BMPs to be implemented for each potential pollutant source

6. Have you reviewed your SWPPP to assure that a) the BMPs are adequate in reducing or preventing pollutants in storm water discharges and authorized non-storm water discharges, and b) the BMPs are being implemented? YES NO

The following BMP categories should be reviewed:

- good housekeeping practices
- spill response
- employee training
- erosion control
- quality assurance
- preventative maintenance
- material handling and storage practices
- waste handling/storage
- structural BMPs

7. Has all material handling equipment and equipment needed to implement the SWPPP been inspected? YES NO

I. ACSCE EVALUATION REPORT

The facility operator is required to provide an evaluation report that includes:

- identification of personnel performing the evaluation
- the date(s) of the evaluation
- necessary SWPPP revisions
- schedule for implementing SWPPP revisions
- any incidents of non-compliance and the corrective actions taken.

Use **Form 5** to report the results of your evaluation or develop an equivalent form.

J. ACSCE CERTIFICATION

The facility operator is required to certify compliance with the Industrial Activities Storm Water General Permit. To certify compliance, both the SWPPP and Monitoring Program must be up to date and be fully implemented.

Based upon your ACSCE, do you certify compliance with the Industrial Activities Storm Water General Permit?

YES NO

If you answered "NO" attach an explanation to the ACSCE Evaluation Report why you are not in compliance with the Industrial Activities Storm Water General Permit.

ATTACHMENT SUMMARY

Answer the questions below to help you determine what should be attached to this annual report. Answer NA (Not Applicable) to questions 2-4 if you are not required to provide those attachments.

- 1. Have you attached Forms 1,2,3,4, and 5 or their equivalent? YES (Mandatory)
- 2. If you conducted sampling and analysis, have you attached the laboratory analytical reports? YES NO NA
- 3. If you checked box II, III, IV, or V in item D.2 of this Annual Report, have you attached the first page of the appropriate certifications? YES NO NA
- 4. Have you attached an explanation for each "NO" answer in items E.1, E.2, E.5-E.7, E.9, E.10.c, F.1.b, F.2.a, F.2.c, G.1, H.1-H.7, or J? YES NO NA

ANNUAL REPORT CERTIFICATION

I am duly authorized to sign reports required by the INDUSTRIAL ACTIVITIES STORM WATER GENERAL PERMIT (see Standard Provision C.9) and I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those person directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Printed Name: Mark Thompson
Signature: *Mark Thompson* Date: 6/15/98
Title: Manager, Environmental Health & Safety

DESCRIPTION OF BASIC ANALYTICAL PARAMETERS

The Industrial Activities Storm Water General Permit (General Permit) requires you to analyze storm water samples for at least four parameters. These are pH, Total Suspended Solids (TSS), Specific Conductance (SC), and Total Organic Carbon (TOC). Oil and Grease (O&G) may be substituted for TOC. In addition, you must monitor for any other pollutants which you believe to be present in your storm water discharge as a result of industrial activity and analytical parameters listed in Table D of the General Permit. There are no numeric limitations for the parameters you test for.

The four parameters which the General Permit requires to be tested are considered *indicator* parameters. In other words, regardless of what type of facility you operate, these parameters are nonspecific and general enough to usually provide some indication whether pollutants are present in your storm water discharge. The following briefly explains what each of these parameters mean:

pH is a numeric measure of the hydrogen-ion concentration. The neutral, or acceptable, range is within 6.5 to 8.5. At values less than 6.5, the water is considered acidic; above 8.5 it is considered alkaline or basic. An example of an acidic substance is vinegar, and a alkaline or basic substance is liquid antacid. Pure rainfall tends to have a pH of a little less than 7. There may be sources of materials or industrial activities which could increase or decrease the pH of your storm water discharge. If the pH levels of your storm water discharge are high or low, you should conduct a thorough evaluation of all potential pollutant sources at your site.

Total Suspended Solids (TSS) is a measure of the undissolved solids that are present in your storm water discharge. Sources of TSS include sediment from erosion of exposed land, and dirt from impervious (i.e. paved) areas. Sediment by itself can be very toxic to aquatic life because it covers feeding and breeding grounds, and can smother organisms living on the bottom of a water body. Toxic chemicals and other pollutants also adhere to sediment particles. This provides a medium by which toxic or other pollutants end up in our water ways and ultimately in human and aquatic life. TSS levels vary in runoff from undisturbed land. It has been shown that TSS levels increase significantly due to land development.

Specific Conductance (SC) is a numerical expression of the ability of the water to carry an electric current. SC can be used to assess the degree of mineralization, salinity, or estimate the total dissolved solids concentration of a water sample. Because of air pollution, most rain water has a SC a little above zero. A high SC could affect the usability of waters for drinking, irrigation, and other commercial or industrial use.

Total Organic Carbon (TOC) is a measure of the total organic matter present in water. (All organic matter contains carbon) This test is sensitive and able to detect small concentrations of organic matter. Organic matter is naturally occurring in animals, plants, and man. Organic matter may also be man made (so called synthetic organics). Synthetic organics include pesticides, fuels, solvents, and paints. Natural organic matter utilizes the oxygen in a receiving water to biodegrade. Too much organic matter could place a significant oxygen demand on the water, and possibly impact its quality. Synthetic organics either do not biodegrade or biodegrade very slowly. Synthetic organics are a source of toxic chemicals that can have adverse affects at very low concentrations. Some of these chemicals bioaccumulate in aquatic life. If your levels of TOC are high, you should evaluate all sources of natural or synthetic organics you may use at your site.

Oil and Grease (O&G) is a measure of the amount of oil and grease present in your storm water discharge. At very low concentrations, O&G can cause a sheen (that floating "rainbow") on the surface of water (1 qt. of oil can pollute 250,000 gallons of water). O&G can adversely affect aquatic life and create unsightly floating material and film on water, thus making it undrinkable. Sources of O&G include maintenance shops, vehicles, machines and roadways.

If you have any questions regarding whether or not your constituent concentrations are too high, please contact your local Regional Board office.

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SIDE B

FORM 1-SAMPLING & ANALYSIS RESULTS
SECOND STORM EVENT

- If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: <.05)
- When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "P" in the appropriate test method used box.
- If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank

NAME OF PERSON COLLECTING SAMPLE(S): Marty King TITLE: H&S Associate SIGNATURE: Marty King

DESCRIBE DISCHARGE LOCATION Example: NW Out Fall	DATE/TIME OF SAMPLE COLLECTION	TIME DISCHARGE STARTED	ANALYTICAL RESULTS For Second Storm Event															
			BASIC PARAMETERS					OTHER PARAMETERS										
			pH	TSS	SC	O&G	TOC											
Southeast end of existing outfall #2	12/8/97 9:45 AM	9:30 AM	6.4	less than 1.0	not done	13.8	12.6											
TEST REPORTING UNITS:			pH Units	mg/l	umho/cm	mg/l	mg/l											
TEST METHOD DETECTION LIMIT:			.01	1.0	1.0	1.0	0.1											
TEST METHOD USED:			SM4500 H-B	SM2540 D	SM2510 B	SM5520 B	EPA415.2											
ANALYZED BY (SELF/LAB):			D-Tek	D-Tek	D-Tek	D-Tek	D-Tek											

TSS - Total Suspended Solids SC - Specific Conductance O&G - Oil & Grease TOC - Total Organic Carbon

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ANNUAL REPORT
FORM 1-SAMPLING & ANALYSIS RESULTS
FIRST STORM EVENT

- If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: <.05)
- When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box.
- If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank
- Make additional copies of this form as necessary.

NAME OF PERSON COLLECTING SAMPLE(S): Marty King TITLE: H&S Associate SIGNATURE: Marty King

DESCRIBE DISCHARGE LOCATION Example: NW/Out Fall	DATE/TIME OF SAMPLE COLLECTION	TIME DISCHARGE STARTED	ANALYTICAL RESULTS For First Storm Event											
			BASIC PARAMETERS					OTHER PARAMETERS						
			pH	TSS	SC	O&G	TOC							
South east end of building #2	11/13/97 <input checked="" type="checkbox"/> AM 9:30 <input type="checkbox"/> PM	9:00 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	6.3	33	104	13	8.7							
	___/___/___ <input type="checkbox"/> AM <input type="checkbox"/> PM	___:___ <input type="checkbox"/> AM <input type="checkbox"/> PM												
	___/___/___ <input type="checkbox"/> AM <input type="checkbox"/> PM	___:___ <input type="checkbox"/> AM <input type="checkbox"/> PM												
TEST REPORTING UNITS:			pH Units	mg/l	umho/cm	mg/l	mg/l							
TEST METHOD DETECTION LIMIT:			.01	1.0	1.0	1.0	0.1							
TEST METHOD USED:			SM 4500 HB	SM 2540 D	SM 2510 B	SM 5520 B	EPA 8160 C 415.2							
ANALYZED BY (SELF/LAB):			D-Tek	D-Tek	D-Tek	D-Tek	DeTek							

TSS - Total Suspended Solids SC - Specific Conductance O&G - Oil & Grease TOC - Total Organic Carbon

**FORM 2-QUARTERLY VISUAL OBSERVATIONS OF AUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)**

- Quarterly dry weather visual observations are required of each authorized NSWD.
 - Observe each authorized NSWD source, impacted drainage area, and discharge location.
 - Authorized NSWDs must meet the conditions provided in Section D (pages 5-6) of the General Permit.
 - Make additional copies of this form as necessary.
- N/A*
- No authorized non-storm water discharges

<p>QUARTER: JULY-SEPT.</p> <p>DATE: <u> / / </u></p>	<p>Observers Name: _____</p> <p>Title: _____</p> <p>Signature: _____</p>	<p>WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER?</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>If YES, complete reverse side of this form.</p>
<p>QUARTER: OCT.-DEC.</p> <p>DATE: <u> / / </u></p>	<p>Observers Name: _____</p> <p>Title: _____</p> <p>Signature: _____</p>	<p>WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER?</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>If YES, complete reverse side of this form.</p>
<p>QUARTER: JAN.-MARCH</p> <p>DATE: <u> / / </u></p>	<p>Observers Name: _____</p> <p>Title: _____</p> <p>Signature: _____</p>	<p>WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER?</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>If YES, complete reverse side of this form.</p>
<p>QUARTER: APRIL-JUNE</p> <p>DATE: <u> / / </u></p>	<p>Observers Name: _____</p> <p>Title: _____</p> <p>Signature: _____</p>	<p>WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER?</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>If YES, complete reverse side of this form.</p>

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FORM 2-QUARTERLY VISUAL OBSERVATIONS OF AUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)

DATE/TIME OF OBSERVATION	SOURCE AND LOCATION OF AUTHORIZED NSWD	NAME OF AUTHORIZED NSWD	DESCRIBE AUTHORIZED NSWD CHARACTERISTICS		DESCRIBE ANY REVISED OR NEW BMPs AND PROVIDE THEIR IMPLEMENTATION DATE
			At the NSWD Source	At the NSWD Drainage Area and Discharge Location	
____/____/____ <input type="checkbox"/> AM <input type="checkbox"/> PM	EXAMPLE: Air conditioner Units on Building C	EXAMPLE: Air conditioner condensate			
____/____/____ <input type="checkbox"/> AM <input type="checkbox"/> PM					
____/____/____ <input type="checkbox"/> AM <input type="checkbox"/> PM					
____/____/____ <input type="checkbox"/> AM <input type="checkbox"/> PM					
____/____/____ <input type="checkbox"/> AM <input type="checkbox"/> PM					

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ANNUAL REPORT

SIDE A

**FORM 3-QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED
NON-STORM WATER DISCHARGES (NSWDS)**

- Unauthorized NSWDS are discharges (such as wash or rinse waters) that do not meet the conditions provided in Section D (pages 5-6) of the General Permit.
- Quarterly visual observations are required to observe current and detect prior unauthorized NSWDS.
- Quarterly visual observations are required during dry weather and at all facility drainage areas.
- Each unauthorized NSWSD source, impacted drainage area, and discharge location must be identified and observed.
- Unauthorized NSWDS that can not be eliminated within 90 days of observation must be reported to the Regional Board in accordance with Section A.10.e of the General Permit.
- Make additional copies of this form as necessary.

<p>QUARTER: JULY-SEPT. DATE/TIME OF OBSERVATIONS 8/4/97 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM</p>	<p>Observer's Name: Marty King Title: H&S Associate Signature: <i>Marty King</i></p>	<p>WERE UNAUTHORIZED NSWDS OBSERVED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDS? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES to either question, complete reverse side.</p>
<p>QUARTER: OCT.-DEC. DATE/TIME OF OBSERVATIONS 11/10/97 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM</p>	<p>Observer's Name: Marty King Title: H&S Associate Signature: <i>Marty King</i></p>	<p>WERE UNAUTHORIZED NSWDS OBSERVED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDS? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES to either question, complete reverse side.</p>
<p>QUARTER: JAN.-MARCH DATE/TIME OF OBSERVATIONS 2/10/98 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM</p>	<p>Observer's Name: Marty King Title: H&S Associate Signature: <i>Marty King</i></p>	<p>WERE UNAUTHORIZED NSWDS OBSERVED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDS? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES to either question, complete reverse side.</p>
<p>QUARTER: APRIL-JUNE DATE/TIME OF OBSERVATIONS 5/8/98 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM</p>	<p>Observer's Name: Marty King Title: H&S Associate Signature: <i>Marty King</i></p>	<p>WERE UNAUTHORIZED NSWDS OBSERVED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDS? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES to either question, complete reverse side.</p>

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ANNUAL REPORT

SIDE B

FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)

OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD	SOURCE AND LOCATION OF UNAUTHORIZED NSWD	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains, contains floating objects or an oil sheen, has odors, etc.		DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
			AT THE UNAUTHORIZED NSWD SOURCE	AT THE UNAUTHORIZED NSWD AREA AND DISCHARGE LOCATION	
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM	EXAMPLE: Vehicle Wash Water	EXAMPLE: NW Corner of Parking Lot			
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM					
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM					
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM					

1997-1998
ANNUAL REPORT
FORM 4-MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES

- Storm water discharge visual observations are required for at least one storm event per month between October 1 and May 31.
- Visual observations must be conducted during the first hour of discharge at all discharge locations.
- Discharges of temporarily stored or contained storm water must be observed at the time of discharge.
- Indicate "None" in the first column of this form if you did not conduct a monthly visual observation.
- Make additional copies of this form as necessary.

Observation Date: October 6, 1997

Observers Name: Marty King
 Title: H&S Associate
 Signature: *Marty King*

Drainage Location Description	#1 Street, NW of building	#2 Southeast end of building	#3 Northeast end of building	#4
Observation Time	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	8:00 <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	8:00 <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Time Discharge Began	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input checked="" type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Were Pollutants Observed (if yes, complete reverse side)	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>

Observation Date: November 11, 1997

Observers Name: Marty King
 Title: H&S Associate
 Signature: *Marty King*

Drainage Location Description	#1	#2 Same	#3 Same	#4
Observation Time	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	8:00 <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	8:00 <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Time Discharge Began	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input checked="" type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Were Pollutants Observed (if yes, complete reverse side)	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>

Observation Date: December 8, 1997

Observers Name: Marty King
 Title: H&S Associate
 Signature: *Marty King*

Drainage Location Description	#1	#2 Same	#3 Same	#4
Observation Time	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	8:00 <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	8:00 <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Time Discharge Began	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input checked="" type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Were Pollutants Observed (if yes, complete reverse side)	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>

Observation Date: January 9, 1998

Observers Name: Marty King
 Title: H&S Associate
 Signature: *Marty King*

Drainage Location Description	#1	#2 Same	#3 Same	#4
Observation Time	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	8:00 <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	8:00 <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Time Discharge Began	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input checked="" type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Were Pollutants Observed (if yes, complete reverse side)	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>

1997-1998
ANNUAL REPORT
FORM 4-MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES

DATE/TIME OF OBSERVATION (From Reverse Side)	DRAINAGE AREA DESCRIPTION	DESCRIBE STORM WATER DISCHARGE CHARACTERISTICS	IDENTIFY AND DESCRIBE SOURCE(S) OF POLLUTANTS	DESCRIBE ANY REVISED OR NEW BMPs AND THEIR DATE OF IMPLEMENTATION
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM	EXAMPLE: Discharge from material storage Area #2	Indicate whether storm water discharge is clear, cloudy, or discolored; causing staining; containing floating objects or an oil sheen, has odors, etc.	EXAMPLE: Oil sheen caused by oil dripped by trucks in vehicle maintenance area.	
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM				
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM				
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM				
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM				

**ANNUAL REPORT
FORM 4 (Continued)-MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES**

DATE/TIME OF OBSERVATION (From Reverse Side)	DRAINAGE AREA DESCRIPTION	DESCRIBE STORM WATER DISCHARGE CHARACTERISTICS	IDENTIFY AND DESCRIBE SOURCE(S) OF POLLUTANTS	DESCRIBE ANY REVISED OR NEW BMPs AND THEIR DATE OF IMPLEMENTATION
/ / : <input type="checkbox"/> AM <input type="checkbox"/> PM	EXAMPLE: Discharge from material storage Area #2	Indicate whether storm water discharge is clear, cloudy, or discolored; causing staining; containing floating objects or an oil sheen, has odors, etc.	EXAMPLE: Oil sheen caused by oil dripped by trucks in vehicle maintenance area.	
/ / : <input type="checkbox"/> AM <input type="checkbox"/> PM				
/ / : <input type="checkbox"/> AM <input type="checkbox"/> PM				
/ / : <input type="checkbox"/> AM <input type="checkbox"/> PM				
/ / : <input type="checkbox"/> AM <input type="checkbox"/> PM				

FORM 5-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS

EVALUATION DATE: 5 / 1 / 98

INSPECTOR NAME: Marty King

TITLE: H&S Associate

SIGNATURE: *Marty King*

POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) Hazmat shed area in southeast end of building	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP implementation None	Describe additional/revISED BMPs or corrective actions and their date(s) of implementation Shut-off valve added to outfall #2. See attachment: "Form 5".
	ARE ADDITIONAL/REVISED BMPs NECESSARY? <input type="checkbox"/> YES <input type="checkbox"/> NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? <input type="checkbox"/> YES <input type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP implementation	Describe additional/revISED BMPs or corrective actions and their date(s) of implementation
	ARE ADDITIONAL/REVISED BMPs NECESSARY? <input type="checkbox"/> YES <input type="checkbox"/> NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? <input type="checkbox"/> YES <input type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP implementation	Describe additional/revISED BMPs or corrective actions and their date(s) of implementation
	ARE ADDITIONAL/REVISED BMPs NECESSARY? <input type="checkbox"/> YES <input type="checkbox"/> NO			

**FORM 5 (Continued)-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS**

EVALUATION DATE: ___/___/___ INSPECTOR NAME: _____ TITLE: _____ SIGNATURE: _____

POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? <input type="checkbox"/> YES <input type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP implementation	Describe additional/revISED BMPs or corrective actions and their date(s) of implementation
	ARE ADDITIONAL/REVISED BMPs NECESSARY? <input type="checkbox"/> YES <input type="checkbox"/> NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? <input type="checkbox"/> YES <input type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP implementation	Describe additional/revISED BMPs or corrective actions and their date(s) of implementation
	ARE ADDITIONAL/REVISED BMPs NECESSARY? <input type="checkbox"/> YES <input type="checkbox"/> NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? <input type="checkbox"/> YES <input type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP implementation	Describe additional/revISED BMPs or corrective actions and their date(s) of implementation
	ARE ADDITIONAL/REVISED BMPs NECESSARY? <input type="checkbox"/> YES <input type="checkbox"/> NO			

D-TEK
11494 Sorrento Valley Road
Suite G
San Diego, CA 92121
(619) 259-5901 FAX (619) 259-5902

STORM #1

IDEC PHARMACEUTICALS
11011 Torreyana Road
San Diego, CA 92121

Attn: Mr. Marty King

Date of Report:	11/20/97
Sampling Dates:	11/13/97
Date Sample Received:	11/13/97
Date Analyzed:	November 13, 17, 18 and 19, 1997
Analyzed By:	JV and EA
Sample Type:	Liquid
Project Name:	NA
Log Number:	97-0921

The sample(s) were analyzed with EPA methodology or equivalent methods as specified on the attached "Analyses Results" report. The symbol for "less than" indicates a value below the reportable detection limit.

The results of these analyses and the quality control data are enclosed.



Robert Bourgeois
Principal / CEO

D-TEK
11494 Sorrento Valley Road
Suite G
San Diego, CA. 92121
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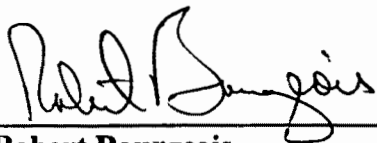
IDEC PHARMACEUTICALS
11011 Torreyana Road
San Diego, CA 92121

Attn: Mr. Marty King

Date of Report: 11/20/97
Sampling Dates: 11/13/97
Date Sample Received: 11/13/97
Date Analyzed: November 13, 17, 18 and 19, 1997
Analyzed By: JV and EA
Sample Type: Liquid
Project Name: NA
Log Number: 97-0921

ANALYSES RESULTS

ANALYSIS	PREP/ANALYSIS METHOD	UNITS	LOG NUMBER : SAMPLE ID:	97-0921 #1 Storm	Detection
Grease & Oil	SM 5520-B- <i>Gravimetric</i>	mg/L		13	1.0 mg/L G+O
pH	SM 4500 H-B			6.3	0.01 mg/L PH
Conductivity	SM 2510 B	µmhos/cm		104	1.0 µmhos/cm COND.
TSS	SM 2540 D	mg/L		33	1.0 mg/L TSS
TOC	EPA 415.2	mg/L		8.7	0.1 mg/L TOC



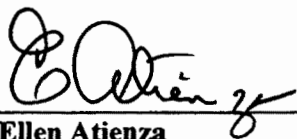
Robert Bourgeois
Principal / CEO

D-TEK
11494 Sorrento Valley Road
Suite G
San Diego, CA. 92121
(619) 259-5901 FAX (619) 259-5902

QUALITY CONTROL DATA REPORT

Date: 11/20/97
Attn: Mr. Marty King
Log #: 97-0921
Date Analyzed: November 13, 17, 18 and 19, 1997

ANALYSIS	PREP/ANALYSIS METHOD	LCS % RECOVERY	SPIKE % RECOVERY	DUPLICATE % RPD
pH	SM 4500 H-B	105		0
Grease & Oil	SM 5520 B	83		17
Conductivity	SM 2510 B	103		2
TOC	EPA 415.2	102	88	2



Ellen Atienza
QA/QC Specialist

-
- LCS - LABORATORY CONTROL STANDARD. REPORTED AS % RECOVERY OF AN INDEPENDENT STANDARD CARRIED THROUGH ALL SAMPLE PREPARATION PROCEDURES TO VERIFY METHOD PERFORMANCE. ACCEPTABLE RANGE IS 80 % - 120 % RECOVERY.
 - SPIKE- ENVIRONMENTAL SAMPLE IS MATRIX SPIKED WITH METHOD COMPOUNDS AND % RECOVERY OF CONCENTRATION SPIKED INTO SAMPLE IS CALCULATED. REPORTED AS % RECOVERY. ACCEPTABLE RANGE FOR "NORMAL MATRIX SAMPLE" IS 75 % - 125% RECOVERY.
 - SURROGATES- COMPOUNDS REPRESENTATIVE OF A GROUP OF COMPOUNDS. SURROGATES ARE SPIKED INTO ENVIRONMENTAL SAMPLES AND % RECOVERY OF CONCENTRATION SPIKED IS CALCULATED AND REPORTED. ACCEPTABLE RANGE VARIES DEPENDING ON SAMPLE MATRIX AND ANALYSIS METHOD.

D-TEK
11494 Sorrento Valley Road
Suite G
San Diego, CA 92121
(619) 259-5901 FAX (619) 259-5902

STORM #2

IDEC PHARMACEUTICALS
11011 Torreyana Road
San Diego, CA 92121

Attn: Mr. Marty King

Date of Report:	12/16/97
Sampling Dates:	12/8/97
Date Sample Received:	12/8/97
Date Analyzed:	December 8, 10, 11 and 15, 1997
Analyzed By:	JV, GR and EA
Sample Type:	Liquid
Project Name:	NA
Log Number:	97-1036

The sample(s) were analyzed with EPA methodology or equivalent methods as specified on the attached "Analyses Results" report. The symbol for "less than" indicates a value below the reportable detection limit.

The results of these analyses and the quality control data are enclosed.



Robert Bourgeois
Principal / CEO

D-TEK
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Suite G
San Diego, CA. 92121
(619) 259-5901 FAX (619) 259-5902

IDEC PHARMACEUTICALS
11011 Torreyana Road
San Diego, CA 92121

Attn: Mr. Marty King

Date of Report: 12/16/97
Sampling Dates: 12/8/97
Date Sample Received: 12/8/97
Date Analyzed: December 8, 10, 11 and 15, 1997
Analyzed By: JV, GR and EA
Sample Type: Liquid
Project Name: NA
Log Number: 97-1036

ANALYSES RESULTS

Analysis	Prep/Analysis Method	Units	Log Number : Sample ID:	97-1036 Stormwater #2
Grease & Oil	SM 5520-B	mg/l		13.8
pH	SM 4500 H-B			6.4
TSS	SM 2540 D	mg/l		<1.0
TOC	EPA 415.2	mg/l		12.6
Cyanide	SM 4500CN-C	mg/l		<0.02

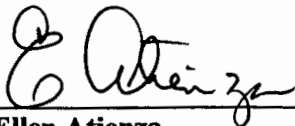

Robert Bourgeois
Principal / CEO

D-TEK
11494 Sorrento Valley Road
Suite G
San Diego, CA. 92121
(619) 259-5901 FAX (619) 259-5902

QUALITY CONTROL DATA REPORT

Date: 12/16/97
Attn: Mr. Marty King
Log #: 97-1036
Date Analyzed: December 8, 10, 11 and 15 1997

Analysis	Prep/Analysis Method	LCS % Recovery	Spike % Recovery	Duplicate % RPD
pH	SM 4500 H-B	101		0
Grease & Oil	SM 5520 B	86		1
TOC	EPA 415.2	101	104	2
Cyanide	SM 4500CN-C	120	108	1



Ellen Atienza
QA/QC Specialist

- LCS - LABORATORY CONTROL STANDARD. REPORTED AS % RECOVERY OF AN INDEPENDENT STANDARD CARRIED THROUGH ALL SAMPLE PREPARATION PROCEDURES TO VERIFY METHOD PERFORMANCE. ACCEPTABLE RANGE IS 80% - 120% RECOVERY.
- SPIKE- ENVIRONMENTAL SAMPLE IS MATRIX SPIKED WITH METHOD COMPOUNDS AND % RECOVERY OF CONCENTRATION SPIKED INTO SAMPLE IS CALCULATED. REPORTED AS % RECOVERY. ACCEPTABLE RANGE FOR "NORMAL MATRIX SAMPLE" IS 75% - 125% RECOVERY.
- SURROGATES- COMPOUNDS REPRESENTATIVE OF A GROUP OF COMPOUNDS. SURROGATES ARE SPIKED INTO ENVIRONMENTAL SAMPLES AND % RECOVERY OF CONCENTRATION SPIKED IS CALCULATED AND REPORTED. ACCEPTABLE RANGE VARIES DEPENDING ON SAMPLE MATRIX AND ANALYSIS METHOD.

**IDEC Pharmaceuticals
1997-1998 Annual Report for
Storm Water Discharges Associated with Industrial Activities**

Attachments:

B (General Information)

Mark Thompson's office telephone number has been changed. The new number is (619) 458-8822.

C (General Information)

Please change Mark Thompson's telephone number in this section to the new telephone number.

E 5 (Sampling and Analysis Results)

IDEC has three discharge points. As we have no authorized nor unauthorized industrial discharges to the storm drain and only runoff from the parking areas is being discharged to the storm drain, it is reasonable to conclude that all discharge points - #1, 2, and 3 - are identical. Also, between 1993 and 1994, sampling was alternated between outfall 2 and 3 and the results were found to be similar as was noted in the 1993-94 report. These results are attached.

E 6 (Sampling and Analysis Results)

It is not always possible to collect storm samples during the first hour of discharge as sampling is dependent on work schedules. A storm may begin at any time of the day or night and not necessarily during normal business hours.

E 10 c (Sampling and Analysis Results)

When sending samples of the second storm event to D-Tech for testing, I accidentally omitted the conductivity test. From 1993 (IDEC's beginning at 11011 Torreyana Rd.), until the present, conductivity has always been within the normal limits.

Form 5 -ANNUAL EVALUATION

Additional BMP's and their date(s) of implementation:

In 1997 a shut-off valve has been added to outfall #2 which drains storm water into the canyon located at the southeast corner of the building. An accidental spill would be controlled by turning the valve handle to the "close" position. Our SWPPP has been revised instructing members of Health & Safety and Maintenance to supervise the pick-up and delivery of hazardous waste or materials.

Comparison (Outfall #3)

E-5 attachment

State of California
STATE WATER RESOURCES CONTROL BOARD

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITY
1993-1994

FORM 4
SAMPLING RESULTS

DISCHARGE POINT: Outfall #3

DATE AND TIME OF SAMPLE: 2/4/94 8:30 AM TIME DISCHARGE STARTED: 8:00 AM

CONSTITUENT TESTED	TESTED BY: LAB/SELF ⁽¹⁾	RESULTS ⁽²⁾	TEST METHOD USED ⁽³⁾	DETECTION LIMIT
pH	Lab	7.71 (pH UNITS)	STD 4500-B	1 pH unit
TOTAL SETTLEABLE SOLIDS	Lab	1.00 mg/l	STD 2540-D	1.0 mg/L
SPECIFIC CONDUCTANCE	Lab	92.0 umho/cm	STD 2510-B	1.0 umho/cm
OIL & GREASE	Lab	1.30 mg/l	STD 5520-B	1.0 mg/L
TOTAL ORGANIC CARBON	Lab	5.28 mg/l	EPA 415.2	0.1 mg/L
ADDITIONAL POLLUTANTS:	N/A			
FLOW ⁽⁴⁾	N/A		gallons	
SIZE OF STORM (IF AVAILABLE)	Unkown		inches	

- (1) If testing was done by a certified laboratory, indicate "lab"; otherwise, indicate "self".
- (2) If analytical results indicate a value less than the detection limit (or non detect), show the value as less than the numerical value of the detection limit.
- (3) Indicate the test method used to determine result. In cases where analyzers are used, indicate with an "A"
- (4) Dischargers subject to the Santa Clara County General Permit are required to provide estimates or calculations of the volume of storm water discharged from each point. Describe, on a separate sheet, how the flow measurement was calculated.

Name of person collecting sample: Mark Thompson Title: Safety Officer

Comparison (Outfall 2 and 3)

ES attachment

State of California
STATE WATER RESOURCES CONTROL BOARD

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITY
1993-1994

FORM 4
SAMPLING RESULTS

DISCHARGE POINT: Outfall #2

DATE AND TIME OF SAMPLE: 12/21/93 9 AM

TIME DISCHARGE STARTED: 9 AM

CONSTITUENT TESTED	TESTED BY: LAB/SELF ⁽¹⁾	RESULTS ⁽²⁾	TEST METHOD USED ⁽³⁾	DETECTION LIMIT
pH	Lab	8.04 (pH UNITS)	STD 4500-B	1 pH unit
TOTAL SETTLEABLE SOLIDS	Lab	3.0 mg/l	STD 2540-D	1.0 mg/L
SPECIFIC CONDUCTANCE	Lab	1070 umho/cm	STD 2510-B	1.0 umho/cm
OIL & GREASE	Lab	less than 1.0 mg/l	STD 5520-B	1.0 mg/L
TOTAL ORGANIC CARBON	Lab	3.58 mg/l	EPA 415.2	0.1 mg/L
ADDITIONAL POLLUTANTS:	N/A			
FLOW ⁽⁴⁾	N/A		gallons	
SIZE OF STORM (IF AVAILABLE)	Unknown		inches	

- (1) If testing was done by a certified laboratory, indicate "lab"; otherwise, indicate "self".
- (2) If analytical results indicate a value less than the detection limit (or non detect), show the value as less than the numerical value of the detection limit.
- (3) Indicate the test method used to determine result. In cases where analyzers are used, indicate with an "A"
- (4) Dischargers subject to the Sante Clara County General Permit are required to provide estimates or calculations of the volume of storm water discharged from each point. Describe, on a separate sheet, how the flow measurement was calculated.

Name of person collecting sample: Mark Thompson Title: Safety Officer

10764
495-1
E. [Signature]

State of California
STATE WATER RESOURCES CONTROL BOARD

1998-1999
ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

Reporting Period July 1, 1998 through June 30, 1999

An annual report is required to be submitted to your local Regional Water Quality Control Board (Regional Board) by July 1 of each year. This document must be certified and signed, under penalty of perjury, by the appropriate official of your company. Many of the Annual Report questions require an explanation. Please provide explanations on a separate sheet as an attachment. **Retain a copy of the completed Annual Report for your records.**

If any information contained in Items A, B, and C below is incorrect, please cross out or highlight the incorrect information (do not white out or erase) and provide the correct information next to or above the incorrect information.

If you have any questions, please contact your Regional Board Storm Water Program Contact. The address of the Regional Board (where the Annual Report must be filed) along with the name and telephone number of the contact is indicated below.

REGIONAL BOARD INFORMATION:

SAN DIEGO REGIONAL WATER BOARD
9771 CLAIREMONT MESA BLVD., SUITE A
SAN DIEGO, CA 92124

GLORIA FULTON
(619) 467-2971

SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD
1999 JUN 28 P 12:08

GENERAL INFORMATION

A. Facility WDID No:

9 37S010764

B. Facility Operator Information:

Contact Person:
MARK THOMPSON
(619) 550-8613

IDEC PHARMACEUTICALS
11011 TORREYANA RD
SAN DIEGO, CA 92121

C. Facility Information:

Contact Person:
MARK THOMPSON
(619) 550-8613

IDEC PHARMACEUTICALS
11011 TORREYANA RD
SAN DIEGO, CA 92121

SIC Code(s):

2836 Biological Products, except Diagnostic Substances

1998-99
ANNUAL REPORT

SPECIFIC INFORMATION

MONITORING AND REPORTING PROGRAM

D. SAMPLING AND ANALYSIS EXEMPTIONS AND REDUCTIONS

1. For the reporting period, was your facility exempt from collecting and analyzing samples from **two** storm events in accordance with sections B.12 or 15 of the General Permit?

YES Go to Item D.2

NO Go to Section E

2. Indicate the reason your facility is exempt from collecting and analyzing samples from **two** storm events. Attach a copy of the first page of the appropriate certification if you check boxes ii, iii, iv, or v.

i. Participating in an Approved Group Monitoring Plan **Group Name:** _____

ii. Submitted No Exposure Certification (NEC) **Date Submitted:** ____/____/____
Re-evaluation Date: ____/____/____

Does facility continue to satisfy NEC conditions? **YES** **NO**

iii. Submitted Sampling Reduction Certification (SRC) **Date Submitted:** ____/____/____
Re-evaluation Date: ____/____/____

Does facility continue to satisfy SRC conditions? **YES** **NO**

iv. Received Regional Board Certification **Certification Date:** ____/____/____

v. Received Local Agency Certification **Certification Date:** ____/____/____

3. If you checked boxes i or iii above, were you scheduled to sample one storm event during the reporting year?

YES Go to Section E

NO Go to Section F

4. If you checked boxes ii, iv, or v, go to Section F.

E. SAMPLING AND ANALYSIS RESULTS

1. How many storm events did you sample? 2 If less than 2, **attach explanation** (if you checked item D.2.i or iii. above, only attach explanation if you answer "0").

2. Did you collect storm water samples from the first storm of the wet season that produced a discharge during scheduled facility operating hours? (Section B.5 of the General Permit)

YES

NO **Attach explanation**

3. How many storm water discharge locations are at your facility? 3

4. For each storm event sampled, did you collect and analyze a sample from each of the facilities' storm water discharge locations? YES, go to Item E.6 NO
5. Was sample collection or analysis reduced in accordance with Section B.7.d of the General Permit? YES NO, attach explanation
- If "YES", attach documentation supporting your determination that two or more drainage areas are substantially identical.
- Date facility's drainage areas were last evaluated / /
6. Were all samples collected during the first hour of discharge? YES NO, attach explanation
7. Was all storm water sampling preceded by three (3) working days without a storm water discharge? YES NO, attach explanation
8. Were there any discharges of stormwater that had been temporarily stored or contained? (such as from a pond) YES NO, go to Item E.10
9. Did you collect and analyze samples of temporarily stored or contained storm water discharges from two storm events? (or one storm event if you checked item D.2.i or iii. above) YES NO, attach explanation
10. Section B.5. of the General Permit requires you to analyze storm water samples for pH, Total Suspended Solids (TSS), Specific Conductance (SC), Total Organic Carbon (TOC) or Oil and Grease (O&G), other pollutants likely to be present in storm water discharges in significant quantities, and analytical parameters listed in Table D of the General Permit.
- a. Is your facility required to analyze additional parameters listed in Table D of the General Permit? YES NO, Go to Item E.11
- b. Did you analyze all storm water samples for the applicable parameters listed in Table D? YES NO
- c. If you did not analyze all storm water samples for the applicable Table D parameters, check one of the following reasons: *N/A*

~~_____ The parameter has not been detected in significant quantities from the last two consecutive sampling events. Attach explanation~~

_____ The parameter is not likely to be present in storm water discharges and authorized non-storm water discharges in significant quantities based upon the facility operator's evaluation. Attach explanation

_____ Other. Attach explanation

11. For each storm event sampled, attach a copy of the laboratory analytical reports and report the sampling and analysis results using Form 1 or its equivalent. The following must be provided for each sample collected:
- Date and time of sample collection
 - Name and title of sampler.
 - Parameters tested.
 - Name of analytical testing laboratory.
 - Discharge location identification.
 - Testing results.
 - Test methods used.
 - Test detection limits.
 - Date of testing.
 - Copies of the laboratory analytical results.

F. QUARTERLY VISUAL OBSERVATIONS

1. Authorized Non-Storm Water Discharges

Section B.3.b of the General Permit requires quarterly visual observations of all authorized non-storm water discharges and their sources.

a. Do authorized non-storm water discharges occur at your facility?

YES NO Go to Item F.2

b. Indicate whether you visually observed all authorized non-storm water discharges and their sources during the quarters when they were discharged. Attach an explanation for any "NO" answers. Indicate "N/A" for quarters without any authorized non-storm water discharges.

July -September YES NO N/A October-December YES NO N/A
January-March YES NO N/A April-June YES NO N/A

c. Use Form 2 to report quarterly visual observations of authorized non-storm water discharges or provide the following information.

- i. name of each authorized non-storm water discharge
- ii. date and time of observation
- iii. source and location of each authorized non-storm water discharge
- iv. characteristics of the discharge at its source and impacted drainage area/discharge location
- v. name, title, and signature of observer
- vi. any new or revised BMPs necessary to reduce or prevent pollutants in authorized non-storm water discharges. Provide new or revised BMP implementation date.

2. Unauthorized Non-Storm Water Discharges

Section B.3.a of the General Permit requires quarterly visual observations of all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources.

a. Indicate whether you visually observed all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources. Attach an explanation for any "NO" answers.

July -September YES NO October-December YES NO
January-March YES NO April-June YES NO

b. Based upon the quarterly visual observations, were any unauthorized non-storm water discharges detected?

YES NO Go to item F.2.d

c. Have each of the unauthorized non-storm water discharges been eliminated or permitted?

YES NO Attach explanation

d. Use Form 3 to report quarterly unauthorized non-storm water discharge visual observations or provide the following information.

- i. name of each unauthorized non-storm water discharge.
- ii. date and time of observation.
- iii. source and location of each unauthorized non-storm water discharge.
- iv. characteristics of the discharge at its source and impacted drainage area/discharge location.
- v. name, title, and signature of observer.
- vi. any corrective actions necessary to eliminate the source of each unauthorized non-storm water discharge and to clean impacted drainage areas. Provide date unauthorized non-storm water discharge(s) was eliminated or scheduled to be eliminated.

G. MONTHLY WET SEASON VISUAL OBSERVATIONS

Section B.4.a of the General Permit requires you to conduct monthly visual observations of storm water discharges at all storm water discharge locations during the wet season. These observations shall occur during the first hour of discharge or, in the case of temporarily stored or contained storm water, at the time of discharge.

- 1) Indicate below whether monthly visual observations of storm water discharges occurred at all discharge locations. Attach an explanation for any "NO" answers.

	YES	NO		YES	NO
October	<input type="checkbox"/>	<input checked="" type="checkbox"/>	February	<input checked="" type="checkbox"/>	<input type="checkbox"/>
November	<input type="checkbox"/>	<input checked="" type="checkbox"/>	March	<input checked="" type="checkbox"/>	<input type="checkbox"/>
December	<input type="checkbox"/>	<input checked="" type="checkbox"/>	April	<input type="checkbox"/>	<input checked="" type="checkbox"/>
January	<input checked="" type="checkbox"/>	<input type="checkbox"/>	May	<input type="checkbox"/>	<input checked="" type="checkbox"/>

2. Report monthly wet season visual observations using Form 4 or provide the following information.
- date, time, and location of observation
 - name and title of observer
 - characteristics of the discharge (i.e., odor, color, etc.) and source of any pollutants observed.
 - any new or revised BMPs necessary to reduce or prevent pollutants in storm water discharges. Provide new or revised BMP implementation date.

ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION (ACSCE)

H. ACSCE CHECKLIST

Section A.9 of the General Permit requires the facility operator to conduct one ACSCE in each reporting period (July 1-June 30). Evaluations must be conducted within 8-16 months of each other. The SWPPP and monitoring program shall be revised and implemented, as necessary, within 90 days of the evaluation. The checklist below includes the minimum steps necessary to complete a ACSCE. Indicate whether you have performed each step below. Attach an explanation for any "NO" answers.

- 1.) Have you inspected all potential pollutant sources and industrial activities areas? YES NO
The following areas should be inspected:

- areas where spills and leaks have occurred during the last year.
- outdoor wash and rinse areas.
- process/manufacturing areas.
- loading, unloading, and transfer areas.
- waste storage/disposal areas.
- dust/particulate generating areas.
- erosion areas.
- building repair, remodeling, and construction
- material storage areas
- vehicle/equipment storage areas
- truck parking and access areas
- rooftop equipment areas
- vehicle fueling/maintenance areas
- non-storm water discharge generating areas

- 2.) Have you reviewed your SWPPP to assure that its BMPs address existing potential pollutant sources and industrial activities areas? YES NO

- 3.) Have you inspected the entire facility to verify that the SWPPP's site map, is up-to-date? The following site map items should be verified: YES NO

- facility boundaries
- outline of all storm water drainage areas
- areas impacted by run-on
- storm water discharges locations
- storm water collection and conveyance system
- structural control measures such as catch basins, berms, containment areas, oil/water separators, etc.

4. Have you reviewed all General Permit compliance records generated since the last annual evaluation? YES NO

The following records should be reviewed:

- quarterly authorized non-storm water discharge visual observations
- monthly storm water discharge visual observation
- records of spills/leaks and associated clean-up/response activities
- quarterly unauthorized non-storm water discharge visual observations
- Sampling and Analysis records
- preventative maintenance inspection and maintenance records

5. Have you reviewed the major elements of the SWPPP to assure compliance with the General Permit? YES NO

The following SWPPP items should be reviewed:

- pollution prevention team
- list of significant materials
- description of potential pollutant sources
- assessment of potential pollutant sources
- identification and description of the BMPs to be implemented for each potential pollutant source

6. Have you reviewed your SWPPP to assure that a) the BMPs are adequate in reducing or preventing pollutants in storm water discharges and authorized non-storm water discharges, and b) the BMPs are being implemented? YES NO

The following BMP categories should be reviewed:

- good housekeeping practices
- spill response
- employee training
- erosion control
- quality assurance
- preventative maintenance
- material handling and storage practices
- waste handling/storage
- structural BMPs

7. Has all material handling equipment and equipment needed to implement the SWPPP been inspected? YES NO

I. ACSCE EVALUATION REPORT

The facility operator is required to provide an evaluation report that includes:

- identification of personnel performing the evaluation
- the date(s) of the evaluation
- necessary SWPPP revisions
- schedule for implementing SWPPP revisions
- any incidents of non-compliance and the corrective actions taken.

Use Form 5 to report the results of your evaluation or develop an equivalent form.

J. ACSCE CERTIFICATION

The facility operator is required to certify compliance with the Industrial Activities Storm Water General Permit. To certify compliance, both the SWPPP and Monitoring Program must be up to date and be fully implemented.

Based upon your ACSCE, do you certify compliance with the Industrial Activities Storm Water General Permit? YES NO

If you answered "NO" attach an explanation to the ACSCE Evaluation Report why you are not in compliance with the Industrial Activities Storm Water General Permit.

DESCRIPTION OF BASIC ANALYTICAL PARAMETERS

The Industrial Activities Storm Water General Permit (General Permit) requires you to analyze storm water samples for at least four parameters. These are pH, Total Suspended Solids (TSS), Specific Conductance (SC), and Total Organic Carbon (TOC). Oil and Grease (O&G) may be substituted for TOC. In addition, you must monitor for any other pollutants which you believe to be present in your storm water discharge as a result of industrial activity and analytical parameters listed in Table D of the General Permit. There are no numeric limitations for the parameters you test for.

The four parameters which the General Permit requires to be tested are considered *indicator* parameters. In other words, regardless of what type of facility you operate, these parameters are nonspecific and general enough to usually provide some indication whether pollutants are present in your storm water discharge. The following briefly explains what each of these parameters mean:

pH is a numeric measure of the hydrogen-ion concentration. The neutral, or acceptable, range is within 6.5 to 8.5. At values less than 6.5, the water is considered acidic; above 8.5 it is considered alkaline or basic. An example of an acidic substance is vinegar, and a alkaline or basic substance is liquid antacid. Pure rainfall tends to have a pH of a little less than 7. There may be sources of materials or industrial activities which could increase or decrease the pH of your storm water discharge. If the pH levels of your storm water discharge are high or low, you should conduct a thorough evaluation of all potential pollutant sources at your site.

Total Suspended Solids (TSS) is a measure of the undissolved solids that are present in your storm water discharge. Sources of TSS include sediment from erosion of exposed land, and dirt from impervious (i.e. paved) areas. Sediment by itself can be very toxic to aquatic life because it covers feeding and breeding grounds, and can smother organisms living on the bottom of a water body. Toxic chemicals and other pollutants also adhere to sediment particles. This provides a medium by which toxic or other pollutants end up in our water ways and ultimately in human and aquatic life. TSS levels vary in runoff from undisturbed land. It has been shown that TSS levels increase significantly due to land development.

Specific Conductance (SC) is a numerical expression of the ability of the water to carry an electric current. SC can be used to assess the degree of mineralization, salinity, or estimate the total dissolved solids concentration of a water sample. Because of air pollution, most rain water has a SC a little above zero. A high SC could affect the usability of waters for drinking, irrigation, and other commercial or industrial use.

Total Organic Carbon (TOC) is a measure of the total organic matter present in water. (All organic matter contains carbon) This test is sensitive and able to detect small concentrations of organic matter. Organic matter is naturally occurring in animals, plants, and man. Organic matter may also be man made (so called synthetic organics). Synthetic organics include pesticides, fuels, solvents, and paints. Natural organic matter utilizes the oxygen in a receiving water to biodegrade. Too much organic matter could place a significant oxygen demand on the water, and possibly impact its quality. Synthetic organics either do not biodegrade or biodegrade very slowly. Synthetic organics are a source of toxic chemicals that can have adverse affects at very low concentrations. Some of these chemicals bioaccumulate in aquatic life. If your levels of TOC are high, you should evaluate all sources of natural or synthetic organics you may use at your site.

Oil and Grease (O&G) is a measure of the amount of oil and grease present in your storm water discharge. At very low concentrations, O&G can cause a sheen (that floating "rainbow") on the surface of water (1 qt. of oil can pollute 250,000 gallons of water). O&G can adversely affect aquatic life and create unsightly floating material and film on water, thus making it undrinkable. Sources of O&G include maintenance shops, vehicles, machines and roadways.

If you have any questions regarding whether or not your constituent concentrations are too high, please contact your local Regional Board office.

ATTACHMENT SUMMARY

Answer the questions below to help you determine what should be attached to this annual report. Answer NA (Not Applicable) to questions 2-4 if you are not required to provide those attachments.

- 1. Have you attached Forms 1,2,3,4, and 5 or their equivalent? YES (Mandatory)

- 2. If you conducted sampling and analysis, have you attached the laboratory analytical reports? YES NO NA

- 3. If you checked box II, III, IV, or V in item D.2 of this Annual Report, have you attached the first page of the appropriate certifications? YES NO NA

- 4. Have you attached an explanation for each "NO" answer in items E.1, E.2, E.5-E.7, E.9, E.10.c, F.1.b, F.2.a, F.2.c, G.1, H.1-H.7, or J? YES NO NA

ANNUAL REPORT CERTIFICATION

I am duly authorized to sign reports required by the INDUSTRIAL ACTIVITIES STORM WATER GENERAL PERMIT (see Standard Provision C.9) and I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those person directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Printed Name: Mark Thompson
Signature: Mark Thompson Date: 6/8/99
Title: Sr. Manager E.H&S

IDEC PHARMACEUTICALS CORPORATION
Annual Storm Water Report for 1998-1999

Explanations to "NO" Answers in Annual Report Questionnaire.

E1.

Attached you will find similar results from earlier sampling comparing outfall #2 and #3. Outfall #1 is located on Torreyana Rd. and is not accessible for sampling.

E5.

See attached documentation.

E9.

Any collected water inside a berm would be equivalent to storm water runoff that is typically sampled and analyzed. In the future, any rainwater collected inside a berm will be sampled along with the outfall sample.

F2b and Form 3 Attachment to Annual Report (Unauthorized Non-Storm Water Discharge)

At approximately 11:00am on Monday, June 7, 1999, approximately 5 gallons of Sentol (acid) were accidentally spilled to the city sewer while transferring from one container to another. Copious amounts of water were immediately sent to the drain after it. The pH was checked at the last point of drainage on the property and was found to be 5.5. To avoid such problems in the future, the end of the working utility yard shall be bermed up to contain any future spills in the area.

G1.

Rain occurred on the months of January, February and March. Observations were performed during the first hour of the events. A "no" answer implies that no storm event occurred in those months.

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FORM 1-SAMPLING & ANALYSIS RESULTS
FIRST STORM EVENT

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- If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: <.05)
- When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box. Make additional copies of this form as necessary.
- If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank.

NAME OF PERSON COLLECTING SAMPLE(S): MARTY KING TITLE: Health & Safety Supervisor SIGNATURE: Marty King

DESCRIBE DISCHARGE LOCATION Example: NW Out Fall	DATE/TIME OF SAMPLE COLLECTION	TIME DISCHARGE STARTED	ANALYTICAL RESULTS For First Storm Event												
			BASIC PARAMETERS					OTHER PARAMETERS							
			pH	TSS	SC	O&G	TOC								
005 Fall #2	01/20/99 2:15 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	2:00 <input type="checkbox"/> AM <input type="checkbox"/> PM	6.73	67.0	398	41.0	10.3								
	___/___/___ <input type="checkbox"/> AM <input type="checkbox"/> PM	___:___ <input type="checkbox"/> AM <input type="checkbox"/> PM													
	___/___/___ <input type="checkbox"/> AM <input type="checkbox"/> PM	___:___ <input type="checkbox"/> AM <input type="checkbox"/> PM													
TEST REPORTING UNITS:			pH Units	mg/l	umho/cm	mg/l	mg/l								
TEST METHOD DETECTION LIMIT:			0.05	1.0 ppm	1.0 ppm	1.0 ppm	0.5 ppm								
TEST METHOD USED:			EPA 150.1	EPA 160.2	EPA 120.1	EPA 412.1	EPA 415.2								
ANALYZED BY (SELF/LAB):			D-TEK LAB	LAB	LAB	LAB	LAB								

TSS - Total Suspended Solids

SC - Specific Conductance

O&G - Oil & Grease

TOC - Total Organic Carbon

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FORM 1-SAMPLING & ANALYSIS RESULTS
SECOND STORM EVENT

- If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: <.05)
- When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box.
- If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank

NAME OF PERSON COLLECTING SAMPLE(S): MARBY KING TITLE: Health & Safety Supervisor SIGNATURE: Marby King

DESCRIBE DISCHARGE LOCATION Example: NW Out Fall	DATE/TIME OF SAMPLE COLLECTION	TIME DISCHARGE STARTED	ANALYTICAL RESULTS For Second Storm Event					OTHER PARAMETERS										
			BASIC PARAMETERS					OTHER PARAMETERS										
			pH	TSS	SC	O&G	TOC											
<i>Outfall # 2</i>	02/04/99 3:15 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	3:00 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	6.28	69	76 69	21.0	5.0											
	___/___/___ <input type="checkbox"/> AM <input type="checkbox"/> PM	___:___ <input type="checkbox"/> AM <input type="checkbox"/> PM																
	___/___/___ <input type="checkbox"/> AM <input type="checkbox"/> PM	___:___ <input type="checkbox"/> AM <input type="checkbox"/> PM																
	___/___/___ <input type="checkbox"/> AM <input type="checkbox"/> PM	___:___ <input type="checkbox"/> AM <input type="checkbox"/> PM																
TEST REPORTING UNITS:			pH Units	mg/l	umho/cm	mg/l	mg/l											
TEST METHOD DETECTION LIMIT:			0.05	1.0 ppm	1.0 ppm	1.0 ppm	0.5 ppm											
TEST METHOD USED:			EPA 150.1	EPA 160.2	EPA 120.1	EPA 413.1	EPA 415.2											
ANALYZED BY (SELF/LAB):			D TEIK LAB	LAB	LAB	LAB	LAB	LAB										

TSS - Total Suspended Solids SC - Specific Conductance O&G - Oil & Grease TOC - Total Organic Carbon

**FORM 2-QUARTERLY VISUAL OBSERVATIONS OF AUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)**

- Quarterly dry weather visual observations are required of each authorized NSWD.
- Observe each authorized NSWD source, impacted drainage area, and discharge location.
- Authorized NSWDs must meet the conditions provided in Section D (pages 5-6) of the General Permit.
- Make additional copies of this form as necessary.

<p>QUARTER: JULY-SEPT.</p> <p>DATE: _____ / /</p>	<p>Observers Name: _____</p> <p>Title: _____</p> <p>Signature: _____</p>	<p>WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER?</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>If YES, complete reverse side of this form.</p>
<p>QUARTER: OCT.-DEC.</p> <p>DATE: _____ / /</p>	<p>Observers Name: _____</p> <p>Title: _____</p> <p>Signature: _____</p>	<p>WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER?</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>If YES, complete reverse side of this form.</p>
<p>QUARTER: JAN.-MARCH</p> <p>DATE: _____ / /</p>	<p>Observers Name: _____</p> <p>Title: _____</p> <p>Signature: _____</p>	<p>WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER?</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>If YES, complete reverse side of this form.</p>
<p>QUARTER: APRIL-JUNE</p> <p>DATE: _____ / /</p>	<p>Observers Name: _____</p> <p>Title: _____</p> <p>Signature: _____</p>	<p>WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER?</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>If YES, complete reverse side of this form.</p>

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FORM 2-QUARTERLY VISUAL OBSERVATIONS OF AUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)

DATE/TIME OF OBSERVATION	SOURCE AND LOCATION OF AUTHORIZED NSWD	NAME OF AUTHORIZED NSWD	DESCRIBE AUTHORIZED NSWD CHARACTERISTICS		DESCRIBE ANY REVISED OR NEW BMPs AND PROVIDE THEIR IMPLEMENTATION DATE
			At the NSWD Source	At the NSWD Drainage Area and Discharge Location	
____ / ____ / ____ <input type="checkbox"/> AM <input type="checkbox"/> PM	EXAMPLE: Air conditioner Units on Building C	EXAMPLE: Air conditioner condensate	Indicate whether authorized NSWD is clear, cloudy, or discolored, causing staining, contains floating objects or an oil sheen, has odors, etc.		
____ / ____ / ____ <input type="checkbox"/> AM <input type="checkbox"/> PM					
____ / ____ / ____ <input type="checkbox"/> AM <input type="checkbox"/> PM					
____ / ____ / ____ <input type="checkbox"/> AM <input type="checkbox"/> PM					
____ / ____ / ____ <input type="checkbox"/> AM <input type="checkbox"/> PM					

FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)

OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD	SOURCE AND LOCATION OF UNAUTHORIZED NSWD	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS		DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
			AT THE UNAUTHORIZED NSWD SOURCE	AT THE UNAUTHORIZED NSWD AREA AND DISCHARGE LOCATION	
5/14/99 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	Packard Parking & Chromatography Column Wash Water	NE Corner of Callan Pl. facility	Clear liquid, alcohol odor. White residue was left around area of	Same as source.	See attached.
1:00 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM					
1/1 <input type="checkbox"/> AM <input type="checkbox"/> PM					
1/1 <input type="checkbox"/> AM <input type="checkbox"/> PM					
1/1 <input type="checkbox"/> AM <input type="checkbox"/> PM					

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**FORM 3-QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)**

- Unauthorized NSWDs are discharges (such as wash or rinse waters) that do not meet the conditions provided in Section D (pages 5-6) of the General Permit.
- Quarterly visual observations are required to observe current and detect prior unauthorized NSWDs.
- Quarterly visual observations are required during dry weather and at all facility drainage areas.
- Each unauthorized NSWD source, impacted drainage area, and discharge location must be identified and observed.
- Unauthorized NSWDs that can not be eliminated within 90 days of observation must be reported to the Regional Board in accordance with Section A.10.e of the General Permit.
- Make additional copies of this form as necessary.

<p>QUARTER: JULY-SEPT.</p> <p>DATE/TIME OF OBSERVATIONS</p> <p>___/___/___ :__ :__</p> <p><input type="checkbox"/> AM <input type="checkbox"/> PM</p>	<p>Observers Name: _____</p> <p>Title: _____</p> <p>Signature: _____</p>	<p>WERE UNAUTHORIZED NSWDs OBSERVED? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>If YES to either question, complete reverse side.</p>
<p>QUARTER: OCT.-DEC.</p> <p>DATE/TIME OF OBSERVATIONS</p> <p>___/___/___ :__ :__</p> <p><input type="checkbox"/> AM <input type="checkbox"/> PM</p>	<p>Observers Name: _____</p> <p>Title: _____</p> <p>Signature: _____</p>	<p>WERE UNAUTHORIZED NSWDs OBSERVED? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>If YES to either question, complete reverse side.</p>
<p>QUARTER: JAN.-MARCH</p> <p>DATE/TIME OF OBSERVATIONS</p> <p>___/___/___ :__ :__</p> <p><input type="checkbox"/> AM <input type="checkbox"/> PM</p>	<p>Observers Name: _____</p> <p>Title: _____</p> <p>Signature: _____</p>	<p>WERE UNAUTHORIZED NSWDs OBSERVED? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>If YES to either question, complete reverse side.</p>
<p>QUARTER: APRIL-JUNE</p> <p>DATE/TIME OF OBSERVATIONS</p> <p>5/14/99 1:00</p> <p><input type="checkbox"/> AM <input checked="" type="checkbox"/> PM</p>	<p>Observers Name: <u>Mark Thompson</u></p> <p>Title: <u>Manager, EHS</u></p> <p>Signature: _____</p>	<p>WERE UNAUTHORIZED NSWDs OBSERVED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>If YES to either question, complete reverse side.</p>

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FORM 4 (Continued)-MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES

- Storm water discharge visual observations are required for at least one storm event per month between October 1 and May 31.
- Visual observations must be conducted during the first hour of discharge at all discharge locations.
- Discharges of temporarily stored or contained storm water must be observed at the time of discharge.
- Indicate "None" in the first column of this form if you did not conduct a monthly visual observation.
- Make additional copies of this form as necessary.

Observation Date: February 4 1999

Observers Name: MARY KLINE
Title: NIS Associate
Signature: Mary Kline

Drainage Location Description	#1	#2	#3	#4
Observation Time	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	3:15 <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	3:20 <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Time Discharge Began	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	3:00 <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	3:00 <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Were Pollutants Observed (if yes, complete reverse side)	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>

Observation Date: March 1999

Observers Name: _____
Title: _____
Signature: _____

Drainage Location Description	#1	#2	#3	#4
Observation Time	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Time Discharge Began	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Were Pollutants Observed (if yes, complete reverse side)	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>

Observation Date: April 7 1999

Observers Name: MARY KLINE
Title: NIS Associate
Signature: Mary Kline

Drainage Location Description	#1	#2	#3	#4
Observation Time	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	9:00 <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	9:10 <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Time Discharge Began	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	8:45 <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	8:45 <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Were Pollutants Observed (if yes, complete reverse side)	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>

Observation Date: May 1999

Observers Name: _____
Title: _____
Signature: _____

Drainage Location Description	#1	#2	#3	#4
Observation Time	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Time Discharge Began	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Were Pollutants Observed (if yes, complete reverse side)	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>

**ANNUAL REPORT
FORM 4 (Continued)-MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES**

DATE/TIME OF OBSERVATION (From Reverse Side)	DRAINAGE AREA DESCRIPTION	DESCRIBE STORM WATER DISCHARGE CHARACTERISTICS <small>Indicate whether storm water discharge is clear, cloudy, or discolored; causing staining; containing floating objects or an oil sheen, has odors, etc.</small>	IDENTIFY AND DESCRIBE SOURCE(S) OF POLLUTANTS <small>EXAMPLE: Oil sheen caused by oil dripped by trucks in vehicle maintenance area.</small>	DESCRIBE ANY REVISED OR NEW BMPs AND THEIR DATE OF IMPLEMENTATION
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM				
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM				
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM				
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM				
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM				

**1998-1999
ANNUAL REPORT
FORM 4-MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES**

SIDE A

- Storm water discharge visual observations are required for at least one storm event per month between October 1 and May 31.
- Visual observations must be conducted during the first hour of discharge at all discharge locations.
- Discharges of temporarily stored or contained storm water must be observed at the time of discharge.
- Indicate "None" in the first column of this form if you did not conduct a monthly visual observation.
- Make additional copies of this form as necessary.

Observation Date: October 1998 NO RAIN

Observers Name: _____

Title: _____

Signature: _____

Drainage Location Description	#1	#2	#3	#4
Observation Time	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Time Discharge Began	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Were Pollutants Observed (if yes, complete reverse side)	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>

Observation Date: November 1998 NO RAIN

Observers Name: _____

Title: _____

Signature: _____

Drainage Location Description	#1	#2	#3	#4
Observation Time	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Time Discharge Began	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Were Pollutants Observed (if yes, complete reverse side)	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>

Observation Date: December 1998 NO RAIN

Observers Name: _____

Title: _____

Signature: _____

Drainage Location Description	#1	#2	#3	#4
Observation Time	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Time Discharge Began	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Were Pollutants Observed (if yes, complete reverse side)	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>

Observation Date: January 20 1999

Observers Name: MARTY KING

Title: HAS ASSOCIATE

Signature: Marty King

Drainage Location Description	#1	#2	#3	#4
Observation Time	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input checked="" type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input checked="" type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Time Discharge Began	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input checked="" type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input checked="" type="checkbox"/> P.M. <input type="checkbox"/> A.M.	: : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Were Pollutants Observed (if yes, complete reverse side)	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>

#1

#2 SE corner of building

#3 NE corner of building

1998-1999
ANNUAL REPORT
FORM 4-MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES

DATE/TIME OF OBSERVATION (From Reverse Side)	DRAINAGE AREA DESCRIPTION	DESCRIBE STORM WATER DISCHARGE CHARACTERISTICS Indicate whether storm water discharge is clear, cloudy, or discolored; causing staining; containing floating objects or an oil sheen, has odors, etc.	IDENTIFY AND DESCRIBE SOURCE(S) OF POLLUTANTS EXAMPLE: Oil sheen caused by oil dripped by trucks in vehicle maintenance area.	DESCRIBE ANY REVISED OR NEW BMPs AND THEIR DATE OF IMPLEMENTATION
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM				
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM				
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM				
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM				
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM				

FORM 5-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS

EVALUATION DATE: 5/19/1999 INSPECTOR NAME: MARTY KING

TITLE: 145 Apartments SIGNATURE: Marty King

POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) <i>hazardous materials and waste (storage)</i>	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP implementation	Describe additional/revised BMPs or corrective actions and their date(s) of implementation
	ARE ADDITIONAL/REVISED BMPs NECESSARY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) <i>Manufacturing waste management systems</i>	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP implementation	Describe additional/revised BMPs or corrective actions and their date(s) of implementation
	ARE ADDITIONAL/REVISED BMPs NECESSARY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) <i>Manufacturing waste water treatment chemicals (use & storage)</i>	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP implementation	Describe additional/revised BMPs or corrective actions and their date(s) of implementation
	ARE ADDITIONAL/REVISED BMPs NECESSARY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) <i>Cooling towers, boilers, dechlorination chemicals (use and storage)</i>	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP implementation	Describe additional/revised BMPs or corrective actions and their date(s) of implementation
	ARE ADDITIONAL/REVISED BMPs NECESSARY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			

**FORM 5 (Continued)-ANNUAL COMPLIANCE SITE EVALUATION
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS**

EVALUATION DATE: 5/19/90 INSPECTOR NAME: MARY KAY TITLE: NIS Associate SIGNATURE: Mary Kay

<p>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</p> <p><i>Maintenance process water, fuel tank and containers, chemicals (see and storage)</i></p>	<p>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</p> <p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p>	<p>If yes, to either question, complete the next two columns of this form</p>	<p>Describe deficiencies in BMPs or BMP Implementation</p>	<p>Describe additional/revised BMPs or corrective actions and their date(s) of implementation</p>
<p>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</p> <p><i>Bypass or blowdown of various pieces of equipment (return of RDS)</i></p>	<p>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</p> <p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p>	<p>If yes, to either question, complete the next two columns of this form</p>	<p>Describe deficiencies in BMPs or BMP Implementation</p>	<p>Describe additional/revised BMPs or corrective actions and their date(s) of implementation</p>
<p>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</p>	<p>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO</p>	<p>If yes, to either question, complete the next two columns of this form</p>	<p>Describe deficiencies in BMPs or BMP Implementation</p>	<p>Describe additional/revised BMPs or corrective actions and their date(s) of implementation</p>
<p>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</p>	<p>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO</p>	<p>If yes, to either question, complete the next two columns of this form</p>	<p>Describe deficiencies in BMPs or BMP Implementation</p>	<p>Describe additional/revised BMPs or corrective actions and their date(s) of implementation</p>
<p>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</p>	<p>ARE ADDITIONAL/REVISED BMPs NECESSARY?</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO</p>	<p>ARE ADDITIONAL/REVISED BMPs NECESSARY?</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO</p>	<p>ARE ADDITIONAL/REVISED BMPs NECESSARY?</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO</p>	<p>ARE ADDITIONAL/REVISED BMPs NECESSARY?</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO</p>

D-TEK Analytical Laboratories, Inc.

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San Diego, CA 92121
WWW.PAGEKEEPER.COM/CA/DTEK
(619) 566-4540 FAX (619) 566-4542

P.O. 4713

IDEC PHARMACEUTICALS

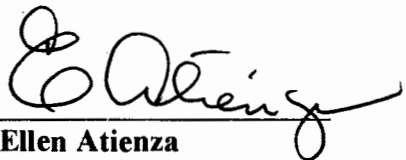
11011 Torreyana Road
San Diego, CA 92121

Attn: Mr. Marty King

Date of Report:	1/29/99
Sampling Dates:	1/20/99
Date Sample Received:	1/20/99
Date Analyzed:	January 20, 22, 23 and 28, 1999
Analyzed By:	EA and JV
Sample Type:	Liquid
Project Name:	Storm Water #1
Log Number:	99-0141

The sample(s) were analyzed with EPA methodology or equivalent methods as specified on the attached "Analyses Results" report. The symbol for "less than" indicates a value below the reportable detection limit.

The results of these analyses and the quality control data are enclosed.



Ellen Atienza
Operations Manager

D-TEK Analytical Laboratories, Inc.

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IDEC PHARMACEUTICALS

11011 Torreyana Road
San Diego, CA 92121

Attn: Mr. Marty King

Date of Report: 1/29/99
Sampling Dates: 1/20/99
Date Sample Received: 1/20/99
Date Analyzed: January 20, 22, 23 and 28, 1999
Analyzed By: EA and JV
Sample Type: Liquid
Project Name: Storm Water #1
Log Number: 99-0141

ANALYSES RESULTS

Analysis:	Prep/Analysis Method:	Units:	Log Number : Sample ID:	99-0141 Storm Water #1
Oil & Grease	EPA 413.1	mg/l		<1.0
TOC	EPA 415.2	mg/l		10.3
TSS	EPA 160.2	mg/l		67.0
S. Conductivity	EPA 120.1	µhmos/cm		398
pH	EPA 150.1			6.73



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QUALITY CONTROL DATA REPORT

Date: 1/29/99
Attn: Mr. Marty King
Log #: 99-0141
Date Analyzed: January 20, 23 and 28, 1999

Analysis	Prep/Analysis Method	LCS % Recovery	Spike % Recovery	Duplicate % RPD
Oil & Grease	EPA 413.1	102		2
TOC	EPA 415.2	96	93	1
Spec. Conductance	EPA 120.1	109		3
pH	EPA 150.1	100		0


Ellen Atienza
Operations Manager

QUALITY CONTROL TERMINOLOGY

- **LCS** - Laboratory Control Sample. Reported as % Recovery of an Independent Standard carried through all sample preparation procedures to verify method performance. Acceptable range is 80 % -120 % recovery.
- **Spike**- Environmental sample is matrix spiked with method compounds and % recovery of concentration spiked into sample is calculated. Reported as
- **% Recovery**. Acceptable range for "Normal Matrix Sample" is 75 % - 125% recovery.
- **% Recovery** = (Spike Sample Result - Sample Result) *100/Spike Concentration.
- **RPD (Relative % Difference)** = (Spiked Sample - Spike Duplicate) * 100 / Average Result.

D-TEK POLICIES

Fee Schedule Criteria / Discounts: Fees are established from our fixed list prices, with the exception of non-routine analyses requiring supplemental research, method development, extensive QA/QC reporting data, not-routine detection limits, or additional materials. Fixed prices are applied to routine analyses and reporting formats. The prices for non-routine analyses are assessed on a "time and materials" basis. Expedited turnaround times for sample analyses may be arranged with advanced notice. Surcharges are applied to the prices of analyses requiring expedited turnaround times.

Discounts are extended for projects involving large numbers of samples, or on a contractual arrangement. Please call our office for price quotations.

Turnaround Time: Standard turnaround time is five (5) working days for verbal results, with a written report following within three (3) working days. Expedited turnaround times may be arranged with advanced notice and are subject to a surcharge. Samples received after 5:00 PM on regular working days are considered as being received at 8:00 AM on the next working day and turnaround time begins at that point.

Surcharges: Standard turnaround time (TAT) is five (5) working days. On expedited turnaround times the following surcharge factors apply: Four (4) day TAT (X) 1.2, Three (3) day TAT (X) 1.4, Two (2) day "Rush" TAT (X) 1.6, One (1) day "Urgent" TAT (X) 1.8 and Less than Four Hours (<4 hr.) "Flash" TAT (X) 2.5.

Holding Times: Holding times are carefully monitored at D-TEK since this is a vital part of Quality Control procedures. D-TEK will make every effort to perform analyses within the applicable holding times established by the Environmental Protection Agency (EPA) or equivalent methodology. However, samples and sample integrity are ultimately the responsibility of the client. We reserve the right to apply a surcharge to prices if the sample holding time dictates sample processing within a specified time that would otherwise not be performed within our standard turnaround time.

Payment: Payment for pre-approved accounts is net 30 days from the date of invoice. On all analyses that are done on other than pre-approved accounts, payment must accompany the sample at the time of the sample delivery unless credit is approved by D-TEK. Cash, checks, money order or Visa / MasterCard are acceptable forms of payment. D-TEK has a forty dollar (\$40) minimum laboratory/data generation fee per visit. Without pre-approved credit, no analyses will begin until payment is received in full.

Sample Archiving: After thirty (30) calendar days, samples will be disposed of or returned to customer. D-TEK will not be held responsible for reanalysis of samples after this time. Samples stored after 30 calendar days are subject to an archiving fee of \$2.50 per sample per month or a \$60.00 minimum per month charge (whichever charge is greater). Samples received with instructions to only "hold" or "store" are subject to an archiving fee commencing on the date of receipt. However, if analytical work is performed within the thirty (30) days, the archiving fee is suspended until another thirty (30) days have passed.

Hazardous Samples: Hazardous samples will be returned to the client. D-TEK reserves the right to withhold the Analytical Report until the samples have been retrieved. Samples that D-TEK deems as "hazardous" or difficult to dispose of are subject to a disposal fee per sample.

Reporting Results: Analyses are reported in wet weight values. Dry weight values may be obtained when percent total solids is performed at an additional cost.

Overtime Services: Time-and-a-half charges will apply for hours worked 5:00 PM to 12:00 AM Monday through Friday and 8:00 AM through 5:00 PM on Saturday and 8:00 AM to 5:00 PM on Sunday. Triple time will be charged for hours from 12:00 AM to 8:00 AM on Saturday and 5:00 PM to 12:00 AM on Sunday.

Sample Collection: D-TEK does not accept any liability with regard to the collection, preservation technique, or transportation method of samples by clients.

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IDEC PHARMACEUTICALS

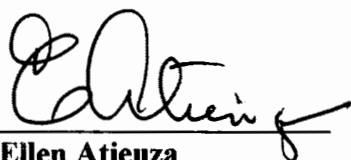
11011 Torreyana Road
San Diego, CA 92121

Attn: Mr. Marty King

Date of Report:	2/19/99
Sampling Dates:	2/4/99
Date Sample Received:	2/4/99
Date Analyzed:	February 4, 9, 10 and 16, 1999
Analyzed By:	EA and JV
Sample Type:	Liquid
Project Name:	Storm Water #2
Log Number:	99-0285

The sample(s) were analyzed with EPA methodology or equivalent methods as specified on the attached "Analyses Results" report. The symbol for "less than" indicates a value below the reportable detection limit.

The results of these analyses and the quality control data are enclosed.



Ellen Atienza
Operations Manager

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IDEC PHARMACEUTICALS

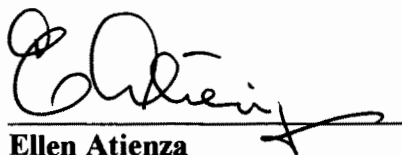
11011 Torreyana Road
San Diego, CA 92121

Attn: Mr. Marty King

Date of Report: 2/19/99
Sampling Dates: 2/4/99
Date Sample Received: 2/4/99
Date Analyzed: February 4, 9, 10 and 16, 1999
Analyzed By: EA and JV
Sample Type: Liquid
Project Name: Storm Water #2
Log Number: 99-0285

ANALYSES RESULTS

Analysis:	Prep/Analysis Method:	Units:	Log Number : Sample ID:	99-0285 Storm Water #2
TOC	EPA 415.2	mg/l		5.0
Oil & Grease	EPA 413.1	mg/l		<1.0
TSS	EPA 160.2	mg/l		69.0
S. Conductivity	EPA 120.1	µhmos/cm		76.0
pH	EPA 150.1			6.28
Cyanide	EPA 335.2	mg/l		<0.02



Ellen Atienza
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QUALITY CONTROL DATA REPORT

Date: 2/19/99
Attn: Mr. Marty King
Log #: 99-0285
Date Analyzed: February 4, 10 and 16, 1999

Analysis	Prep/Analysis Method	LCS % Recovery	Spike % Recovery	Duplicate % RPD
TOC	EPA 415.2	99	106	4
Oil & Grease	EPA 413.1	101		2
Spec. Conductance	EPA 120.1	102		0
pH	EPA 150.1	100		0
Cyanide	EPA 335.2	86	85	10



Ellen Atienza
Operations Manager

QUALITY CONTROL TERMINOLOGY

- **LCS** - Laboratory Control Sample. Reported as % Recovery of an Independent Standard carried through all sample preparation procedures to verify method performance. Acceptable range is 80 % -120 % recovery.
- **Spike**- Environmental sample is matrix spiked with method compounds and % recovery of concentration spiked into sample is calculated. Reported as
- **% Recovery**. Acceptable range for "Normal Matrix Sample" is 75 % - 125% recovery.
- **% Recovery** = (Spike Sample Result - Sample Result) *100/Spike Concentration.
- **RPD (Relative % Difference)** = (Spiked Sample - Spike Duplicate) * 100 / Average Result.

D-TEK

11494 SORRENTO VALLEY ROAD, STE. G
SAN DIEGO, CA 92121

CHAIN OF CUSTODY

DATE: 2-4-99 PAGE 1 OF 1

(619)259-5901, FAX (619) 259-5902

D-TEK LOG #:

TO #:

CUSTOMER INFORMATION

COMPANY: *IDC Pharmaceuticals Corp.*
CONTACT PERSON: *MARTY KING*

PROJECT NAME/NUMBER

PROJECT MANAGER:

MARTY KING

BILLING INFORMATION

BILL TO: *ACCOUNTS PAYABLE
IDC PHARMACEUTICAL*

ADDRESS:

11011 Tackeyana Rd., SD, CA. 92121

ADDRESS: *3030 CALLAN Rd
SAN DIEGO, CA 92121*

PHONE:

(619) 550-8695

PHONE: *(619) 550-8837*

FAX:

(619) 550-8751

P.O. # *P.O. 4712*

TEK LOG # SAMPLE # / SAMPLE IDENTIFICATION

99-0285 Steam water # 2

DATE: *2/4/99 9:15P W.*

SAMPLE DATE: *2/4/99 9:15P W.*

CONTAINER TYPE

1 Plastic

TESTS

TSS

TOC

PH

Grease & Oil

Conductivity

Cyanide

SAMPLE INTEGRITY

MEETS HOLDING TIME ?

4:33PM

CORRECT CONTAINERS ?

Y/N

Y/N

Y/N

Y/N

Y/N

Y/N

Y/N

Y/N

Y/N

Y/N

Y/N

1. RELINQUISHED BY: DATE/TIME *2/4/99 3:10P*

SIGNATURE: *Marty King*

PRINTED NAME: *MARTY KING*

COMPANY: *IDC Pharmaceuticals*

2. RELINQUISHED BY: DATE/TIME *2/4/99*

SIGNATURE: *Sue Mayberry*

PRINTED NAME: *Sue Mayberry*

COMPANY: *IDC Pharmaceuticals*

3. RELINQUISHED BY: DATE/TIME *2/4/99*

SIGNATURE: *RT Swanson*

PRINTED NAME: *RT Swanson*

COMPANY: *D-TEK*

SAMPLE RECEIPT

RECEIVED IN ICE? YES/NO

TAPE SEAL INTACT Y/N NA

PRESERVATIVE YES/NO NA

SPECIAL INSTRUCTIONS

*PRECAUTIONS:
DIREX BROTHER*

1. RECEIVED BY: DATE/TIME *2/4/99 3:15PM*

SIGNATURE: *Sue Mayberry*

PRINTED NAME: *Sue Mayberry*

COMPANY: *IDC Pharmaceuticals*

2. RECEIVED BY: DATE/TIME *2/4/99 4:33PM*

SIGNATURE: *RT Swanson*

PRINTED NAME: *RT Swanson*

COMPANY: *D-TEK*

3. RECEIVED BY: DATE/TIME *2/4/99 4:33PM*

SIGNATURE: *Sue Mayberry*

PRINTED NAME: *Sue Mayberry*

COMPANY: *D-TEK*

TAT

- ALL SAMPLES ARE SUBJECT TO TERMS AND CONDITIONS ON REVERSE SIDE -

State of California
STATE WATER RESOURCES CONTROL BOARD

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITY
1993-1994

FORM 4
SAMPLING RESULTS

DISCHARGE POINT: Outfall #2

DATE AND TIME OF SAMPLE: 12/21/93 9 AM TIME DISCHARGE STARTED: 9 AM

CONSTITUENT TESTED	TESTED BY: LAB/SELF ⁽¹⁾	RESULTS ⁽²⁾	TEST METHOD USED ⁽³⁾	DETECTION LIMIT
pH	Lab	8.04 (pH UNITS)	STD 4500-B	1 pH unit
TOTAL SETTLEABLE SOLIDS	Lab	3.0 mg/l	STD 2540-D	1.0 mg/L
SPECIFIC CONDUCTANCE	Lab	1070 umho/cm	STD 2510-B	1.0 umho/cm
OIL & GREASE	Lab	less than 1.0 mg/l	STD 5520-B	1.0 mg/L
TOTAL ORGANIC CARBON	Lab	3.58 mg/l	EPA 415.2	0.1 mg/L
ADDITIONAL POLLUTANTS:	N/A			
FLOW ⁽⁴⁾	N/A		gallons	
SIZE OF STORM (IF AVAILABLE)	Unkown		inches	

- (1) If testing was done by a certified laboratory, indicate "lab"; otherwise, indicate "self".
- (2) If analytical results indicate a value less than the detection limit (or non detect), show the value as less than the numerical value of the detection limit.
- (3) Indicate the test method used to determine result. In cases where analyzers are used, indicate with an "A".
- (4) Dischargers subject to the Santa Clara County General Permit are required to provide estimates or calculations of the volume of storm water discharged from each point. Describe, on a separate sheet, how the flow measurement was calculated.

Name of person collecting sample: Mark Thompson Title: Safety Officer

State of California
STATE WATER RESOURCES CONTROL BOARD

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITY
1993-1994

FORM 4
SAMPLING RESULTS

DISCHARGE POINT: Outfall #3

DATE AND TIME OF SAMPLE: 2/4/94 8:30 AM TIME DISCHARGE STARTED: 8:00 AM

CONSTITUENT TESTED	TESTED BY: LAB/SELF ⁽¹⁾	RESULTS ⁽²⁾	TEST METHOD USED ⁽³⁾	DETECTION LIMIT
pH	Lab	7.71 (pH UNITS)	STD 4500-B	1 pH unit
TOTAL SETTLEABLE SOLIDS	Lab	1.00 mg/l	STD 2540-D	1.0 mg/L
SPECIFIC CONDUCTANCE	Lab	92.0 umho/cm	STD 2510-B	1.0 umho/cm
OIL & GREASE	Lab	1.30 mg/l	STD 5520-B	1.0 mg/L
TOTAL ORGANIC CARBON	Lab	5.28 mg/l	EPA 415.2	0.1 mg/L
ADDITIONAL POLLUTANTS:	N/A			
FLOW ⁽⁴⁾	N/A	gallons		
SIZE OF STORM (IF AVAILABLE)	Unkown	inches		

- (1) If testing was done by a certified laboratory, indicate "lab"; otherwise, indicate "self".
- (2) If analytical results indicate a value less than the detection limit (or non detect), show the value as less than the numerical value of the detection limit.
- (3) Indicate the test method used to determine result. In cases where analyzers are used, indicate with an "A".
- (4) Dischargers subject to the Santa Clara County General Permit are required to provide estimates or calculations of the volume of storm water discharged from each point. Describe, on a separate sheet, how the flow measurement was calculated.

Name of person collecting sample: Mark Thompson Title: Safety Officer

file 10-10764

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
1999-2000 ANNUAL REPORT
FOR STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

logged
SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD
Dev J 12.8.00
2000 JUL 19 A 11:39

Reporting Period July 1, 1999 through June 30, 2000

An Annual Report is required to be submitted to your local Regional Water Quality Control Board (Regional Board) by July 1 of each year. This document must be certified and signed, under penalty of perjury, by the appropriate official of your company. Many of the Annual Report questions require an explanation. Please provide explanations on a separate sheet as an attachment. **Retain a copy of the completed Annual Report for your records.**

If any information contained in Items A, B, C, and D below is incorrect, please cross out or highlight the incorrect information (do not white out or erase) and provide the correct information next to or above the incorrect information so that we can update our records. Please remember that a Notice of Termination and new Notice of Intent is required whenever your facility is relocated or changes ownership.

If you have any questions, please contact your Regional Board Storm Water Program Contact. The address of the Regional Board (where the Annual Report must be filed) along with the name, telephone number, and e-mail address of the contact is indicated below. Additional copies of the Annual Report may be obtained from our web site at www.swrcb.ca.gov.

REGIONAL BOARD INFORMATION:

SAN DIEGO REGIONAL WATER BOARD
9771 CLAIREMONT MESA BLVD., SUITE A
SAN DIEGO, CA 92124

GLORIA FULTON
(619) 467-2959

E-mail: fultg@rb9.swrcb.ca.gov

GENERAL INFORMATION

A. Facility Location:

IDEC PHARMACEUTICALS
11011 TORREYANA RD
SAN DIEGO, CA 92121

B. Facility WQID No:

9 37S010764

C. Facility Operator Information:

Contact Person:
MARK THOMPSON
~~(619) 550-8613~~
858 471-8822

IDEC PHARMACEUTICALS
11011 TORREYANA RD
SAN DIEGO, CA 92121

D. Facility Information:

Contact Person:
MARK THOMPSON
~~(619) 550-8613~~
858 471 8822

Mailing Address: IDEC PHARMACEUTICALS
11011 TORREYANA RD
SAN DIEGO, CA 92121

SIC Code(s):

2836 Biological Products, except Diagnostic Substances

1999-2000
ANNUAL REPORT

SPECIFIC INFORMATION

MONITORING AND REPORTING PROGRAM

D. SAMPLING AND ANALYSIS EXEMPTIONS AND REDUCTIONS

1. For the reporting period, was your facility exempt from collecting and analyzing samples from two storm events in accordance with sections B.12 or 15 of the General Permit?

YES Go to Item D.2

NO Go to Section E

2. Indicate the reason your facility is exempt from collecting and analyzing samples from two storm events. Attach a copy of the first page of the appropriate certification if you check boxes ii, iii, iv, or v.

i. Participating in an Approved Group Monitoring Plan Group Name: _____

ii. Submitted No Exposure Certification (NEC) Date Submitted: ___/___/___

Re-evaluation Date: ___/___/___

Does facility continue to satisfy NEC conditions? YES NO

iii. Submitted Sampling Reduction Certification (SRC) Date Submitted: ___/___/___

Re-evaluation Date: ___/___/___

Does facility continue to satisfy SRC conditions? YES NO

iv. Received Regional Board Certification Certification Date: ___/___/___

v. Received Local Agency Certification Certification Date: ___/___/___

3. If you checked boxes i or iii above, were you scheduled to sample one storm event during the reporting year?

YES Go to Section E

NO Go to Section F

4. If you checked boxes ii, iv, or v, go to Section F.

E. SAMPLING AND ANALYSIS RESULTS

1. How many storm events did you sample? 1

If less than 2, attach explanation (if you checked item D.2.i or iii. above, only attach explanation if you answer "0")

2. Did you collect storm water samples from the first storm of the wet season that produced a discharge during scheduled facility operating hours? (Section B.5 of the General Permit)

YES

NO Attach explanation

3. How many storm water discharge locations are at your facility? 3

4. For each storm event sampled, did you collect and analyze a sample from each of the facilities' storm water discharge locations? YES, go to Item E.6 NO
5. Was sample collection or analysis reduced in accordance with Section B.7.d of the General Permit? YES NO, attach explanation
- If "YES", attach documentation supporting your determination that two or more drainage areas are substantially identical.
- Date facility's drainage areas were last evaluated / /
6. Were all samples collected during the first hour of discharge? YES NO, attach explanation
7. Was all storm water sampling preceded by three (3) working days without a storm water discharge? YES NO, attach explanation
8. Were there any discharges of stormwater that had been temporarily stored or contained? (such as from a pond) YES NO, go to Item E.10
9. Did you collect and analyze samples of temporarily stored or contained storm water discharges from two storm events? (or one storm event if you checked item D.2.i or iii. above) YES NO, attach explanation
10. Section B.5. of the General Permit requires you to analyze storm water samples for pH, Total Suspended Solids (TSS), Specific Conductance (SC), Total Organic Carbon (TOC) or Oil and Grease (O&G), other pollutants likely to be present in storm water discharges in significant quantities, and analytical parameters listed in Table D of the General Permit.
- a. Does Table D contain any additional parameters related to your facility's SIC code(s)? YES NO, Go to Item E.11
- b. Did you analyze all storm water samples for the applicable parameters listed in Table D? YES NO
- c. If you did not analyze all storm water samples for the applicable Table D parameters, check one of the following reasons:
- _____ In prior sampling years, the parameter(s) have not been detected in significant quantities from two consecutive sampling events. **Attach explanation**
- _____ The parameter(s) is not likely to be present in storm water discharges and authorized non-storm water discharges in significant quantities based upon the facility operator's evaluation. **Attach explanation**
- _____ Other. **Attach explanation**
11. For each storm event sampled, attach a copy of the laboratory analytical reports and report the sampling and analysis results using Form 1 or its equivalent. The following must be provided for each sample collected:
- Date and time of sample collection
 - Name and title of sampler.
 - Parameters tested.
 - Name of analytical testing laboratory.
 - Discharge location identification.
 - Testing results.
 - Test methods used.
 - Test detection limits.
 - Date of testing.
 - Copies of the laboratory analytical results.

F. QUARTERLY VISUAL OBSERVATIONS

1. **Authorized Non-Storm Water Discharges**

Section B.3.b of the General Permit requires quarterly visual observations of all authorized non-storm water discharges and their sources.

a. Do authorized non-storm water discharges occur at your facility?

YES NO Go to Item F.2

b. Indicate whether you visually observed all authorized non-storm water discharges and their sources during the quarters when they were discharged. Attach an explanation for any "NO" answers. Indicate "N/A" for quarters without any authorized non-storm water discharges.

July -September YES NO N/A October-December YES NO N/A

January-March YES NO N/A April-June YES NO N/A

c. Use Form 2 to report quarterly visual observations of authorized non-storm water discharges or provide the following information.

- i. name of each authorized non-storm water discharge
- ii. date and time of observation
- iii. source and location of each authorized non-storm water discharge
- iv. characteristics of the discharge at its source and impacted drainage area/discharge location
- v. name, title, and signature of observer
- vi. any new or revised BMPs necessary to reduce or prevent pollutants in authorized non-storm water discharges. Provide new or revised BMP implementation date.

2. **Unauthorized Non-Storm Water Discharges**

Section B.3.a of the General Permit requires quarterly visual observations of all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources.

a. Indicate whether you visually observed all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources. Attach an explanation for any "NO" answers.

July -September YES NO October-December YES NO

January-March YES NO April-June YES NO

b. Based upon the quarterly visual observations, were any unauthorized non-storm water discharges detected?

YES NO Go to item F.2.d

c. Have each of the unauthorized non-storm water discharges been eliminated or permitted?

YES NO Attach explanation

d. Use Form 3 to report quarterly unauthorized non-storm water discharge visual observations or provide the following information.

- i. name of each unauthorized non-storm water discharge.
- ii. date and time of observation.
- iii. source and location of each unauthorized non-storm water discharge.
- iv. characteristics of the discharge at its source and impacted drainage area/discharge location.
- v. name, title, and signature of observer.
- vi. any corrective actions necessary to eliminate the source of each unauthorized non-storm water discharge and to clean impacted drainage areas. Provide date unauthorized non-storm water discharge(s) was eliminated or scheduled to be eliminated.

G. MONTHLY WET SEASON VISUAL OBSERVATIONS

Section B.4.a of the General Permit requires you to conduct monthly visual observations of storm water discharges at all storm water discharge locations during the wet season. These observations shall occur during the first hour of discharge or, in the case of temporarily stored or contained storm water, at the time of discharge.

1. Indicate below whether monthly visual observations of storm water discharges occurred at all discharge locations. Attach an explanation for any "NO" answers. Include in this explanation whether any eligible storm events occurred during scheduled facility operating hours that did not result in a storm water discharge, and provide the date, time, name and title of the person who observed that there was no storm water discharge.

	YES	NO		YES	NO
October	<input type="checkbox"/>	<input checked="" type="checkbox"/>	February	<input type="checkbox"/>	<input checked="" type="checkbox"/>
November	<input type="checkbox"/>	<input checked="" type="checkbox"/>	March	<input checked="" type="checkbox"/>	<input type="checkbox"/>
December	<input type="checkbox"/>	<input checked="" type="checkbox"/>	April	<input type="checkbox"/>	<input checked="" type="checkbox"/>
January	<input type="checkbox"/>	<input checked="" type="checkbox"/>	May	<input type="checkbox"/>	<input checked="" type="checkbox"/>

2. Report monthly wet season visual observations using Form 4 or provide the following information.
 - a. date, time, and location of observation
 - b. name and title of observer
 - c. characteristics of the discharge (i.e., odor, color, etc.) and source of any pollutants observed.
 - d. any new or revised BMPs necessary to reduce or prevent pollutants in storm water discharges. Provide new or revised BMP implementation date.

ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION (ACSCE)

H. ACSCE CHECKLIST

Section A.9 of the General Permit requires the facility operator to conduct one ACSCE in each reporting period (July 1- June 30). Evaluations must be conducted within 8-16 months of each other. The SWPPP and monitoring program shall be revised and implemented, as necessary, within 90 days of the evaluation. The checklist below includes the minimum steps necessary to complete a ACSCE. Indicate whether you have performed each step below. Attach an explanation for any "NO" answers.

1. Have you inspected all potential pollutant sources and industrial activities areas? YES NO
 The following areas should be inspected:
 - areas where spills and leaks have occurred during the last year.
 - outdoor wash and rinse areas.
 - process/manufacturing areas.
 - loading, unloading, and transfer areas.
 - waste storage/disposal areas.
 - dust/particulate generating areas.
 - erosion areas.
 - building repair, remodeling, and construction
 - material storage areas
 - vehicle/equipment storage areas
 - truck parking and access areas
 - rooftop equipment areas
 - vehicle fueling/maintenance areas
 - non-storm water discharge generating areas
2. Have you reviewed your SWPPP to assure that its BMPs address existing potential pollutant sources and industrial activities areas? YES NO
3. Have you inspected the entire facility to verify that the SWPPP's site map, is up-to-date? The following site map items should be verified: YES NO
 - facility boundaries
 - outline of all storm water drainage areas
 - areas impacted by run-on
 - storm water discharges locations
 - storm water collection and conveyance system
 - structural control measures such as catch basins, berms, containment areas, oil/water separators, etc.

4. Have you reviewed all General Permit compliance records generated since the last annual evaluation? YES NO

The following records should be reviewed:

- quarterly authorized non-storm water discharge visual observations
- quarterly unauthorized non-storm water discharge visual observations
- monthly storm water discharge visual observation
- Sampling and Analysis records
- records of spills/leaks and associated clean-up/response activities
- preventative maintenance inspection and maintenance records

5. Have you reviewed the major elements of the SWPPP to assure compliance with the General Permit? YES NO

The following SWPPP items should be reviewed:

- pollution prevention team
- assessment of potential pollutant sources
- list of significant materials
- identification and description of the BMPs to be implemented for each potential pollutant source
- description of potential pollutant sources

6. Have you reviewed your SWPPP to assure that a) the BMPs are adequate in reducing or preventing pollutants in storm water discharges and authorized non-storm water discharges, and b) the BMPs are being implemented? YES NO

The following BMP categories should be reviewed:

- good housekeeping practices
- preventative maintenance
- spill response
- material handling and storage practices
- employee training
- waste handling/storage
- erosion control
- structural BMPs
- quality assurance

7. Has all material handling equipment and equipment needed to implement the SWPPP been inspected? YES NO

I. ACSCE EVALUATION REPORT

The facility operator is required to provide an evaluation report that includes:

- identification of personnel performing the evaluation
- schedule for implementing SWPPP revisions
- the date(s) of the evaluation
- any incidents of non-compliance and the corrective actions taken.
- necessary SWPPP revisions

Use Form 5 to report the results of your evaluation or develop an equivalent form.

J. ACSCE CERTIFICATION

The facility operator is required to certify compliance with the Industrial Activities Storm Water General Permit. To certify compliance, both the SWPPP and Monitoring Program must be up to date and be fully implemented.

Based upon your ACSCE, do you certify compliance with the Industrial Activities Storm Water General Permit? YES NO

If you answered "NO" attach an explanation to the ACSCE Evaluation Report why you are not in compliance with the Industrial Activities Storm Water General Permit.

ATTACHMENT SUMMARY

Answer the questions below to help you determine what should be attached to this annual report. Answer NA (Not Applicable) to questions 2-4 if you are not required to provide those attachments.

- 1. Have you attached Forms 1,2,3,4, and 5 or their equivalent? YES (Mandatory)
- 2. If you conducted sampling and analysis, have you attached the laboratory analytical reports? YES NO NA
- 3. If you checked box II, III, IV, or V in item D.2 of this Annual Report, have you attached the first page of the appropriate certifications? YES NO NA
- 4. Have you attached an explanation for each "NO" answer in items E.1, E.2, E.5-E.7, E.9, E.10.c, F.1.b, F.2.a, F.2.c, G.1, H.1-H.7, or J? YES NO NA

ANNUAL REPORT CERTIFICATION

I am duly authorized to sign reports required by the INDUSTRIAL ACTIVITIES STORM WATER GENERAL PERMIT (see Standard Provision C.9) and I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those person directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Printed Name: Mark Thompson
 Signature: Mark Thompson Date: 6/13/00
 Title: Sr. Manager, EMS

DESCRIPTION OF BASIC ANALYTICAL PARAMETERS

The Industrial Activities Storm Water General Permit (General Permit) requires you to analyze storm water samples for at least four parameters. These are pH, Total Suspended Solids (TSS), Specific Conductance (SC), and Total Organic Carbon (TOC). Oil and Grease (O&G) may be substituted for TOC. In addition, you must monitor for any other pollutants which you believe to be present in your storm water discharge as a result of industrial activity and analytical parameters listed in Table D of the General Permit. There are no numeric limitations for the parameters you test for.

The four parameters which the General Permit requires to be tested are considered *indicator* parameters. In other words, regardless of what type of facility you operate, these parameters are nonspecific and general enough to usually provide some indication whether pollutants are present in your storm water discharge. The following briefly explains what each of these parameters mean:

pH is a numeric measure of the hydrogen-ion concentration. The neutral, or acceptable, range is within 6.5 to 8.5. At values less than 6.5, the water is considered acidic; above 8.5 it is considered alkaline or basic. An example of an acidic substance is vinegar, and a alkaline or basic substance is liquid antacid. Pure rainfall tends to have a pH of a little less than 7. There may be sources of materials or industrial activities which could increase or decrease the pH of your storm water discharge. If the pH levels of your storm water discharge are high or low, you should conduct a thorough evaluation of all potential pollutant sources at your site.

Total Suspended Solids (TSS) is a measure of the undissolved solids that are present in your storm water discharge. Sources of TSS include sediment from erosion of exposed land, and dirt from impervious (i.e. paved) areas. Sediment by itself can be very toxic to aquatic life because it covers feeding and breeding grounds, and can smother organisms living on the bottom of a water body. Toxic chemicals and other pollutants also adhere to sediment particles. This provides a medium by which toxic or other pollutants end up in our water ways and ultimately in human and aquatic life. TSS levels vary in runoff from undisturbed land. It has been shown that TSS levels increase significantly due to land development.

Specific Conductance (SC) is a numerical expression of the ability of the water to carry an electric current. SC can be used to assess the degree of mineralization, salinity, or estimate the total dissolved solids concentration of a water sample. Because of air pollution, most rain water has a SC a little above zero. A high SC could affect the usability of waters for drinking, irrigation, and other commercial or industrial use.

Total Organic Carbon (TOC) is a measure of the total organic matter present in water. (All organic matter contains carbon) This test is sensitive and able to detect small concentrations of organic matter. Organic matter is naturally occurring in animals, plants, and man. Organic matter may also be man made (so called synthetic organics). Synthetic organics include pesticides, fuels, solvents, and paints. Natural organic matter utilizes the oxygen in a receiving water to biodegrade. Too much organic matter could place a significant oxygen demand on the water, and possibly impact its quality. Synthetic organics either do not biodegrade or biodegrade very slowly. Synthetic organics are a source of toxic chemicals that can have adverse affects at very low concentrations. Some of these chemicals bioaccumulate in aquatic life. If your levels of TOC are high, you should evaluate all sources of natural or synthetic organics you may use at your site.

Oil and Grease (O&G) is a measure of the amount of oil and grease present in your storm water discharge. At very low concentrations, O&G can cause a sheen (that floating "rainbow") on the surface of water (1 qt. of oil can pollute 250,000 gallons of water). O&G can adversely affect aquatic life and create unsightly floating material and film on water, thus making it undrinkable. Sources of O&G include maintenance shops, vehicles, machines and roadways.

If you have any questions regarding whether or not your constituent concentrations are too high, please contact your local Regional Board office. The United States Environmental Protection Agency (USEPA) has published stormwater discharge benchmarks for a number of parameters. These benchmarks may be helpful when evaluating whether additional BMPs are appropriate. These benchmarks can be accessed at our website at <http://www.swrcb.ca.gov>. It is contained in the Sampling and Analysis Reduction Certification.

1999-2000
ANNUAL REPORT

SIDE A

FORM 1-SAMPLING & ANALYSIS RESULTS
FIRST STORM EVENT

- If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: < .05)
- If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank
- When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box.
- Make additional copies of this form as necessary.

NAME OF PERSON COLLECTING SAMPLE(S): Marty King TITLE: Health & Safety Associate SIGNATURE: Marty King

DESCRIBE DISCHARGE LOCATION Example: NW Out Fall	DATE/TIME OF SAMPLE COLLECTION	TIME DISCHARGE STARTED	ANALYTICAL RESULTS For First Storm Event															
			BASIC PARAMETERS					OTHER PARAMETERS										
			pH	TSS	SC	O&G	TOC											
<u>Outfall #2</u>	<u>3/8/00</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	<u>8:45</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	<u>6.6</u>	<u>10.0</u>	<u>80</u>	<u>21.8</u>	<u>3.7</u>											
	<u>1/1</u> <input type="checkbox"/> AM <input type="checkbox"/> PM	<u>1/1</u> <input type="checkbox"/> AM <input type="checkbox"/> PM																
	<u>1/1</u> <input type="checkbox"/> AM <input type="checkbox"/> PM	<u>1/1</u> <input type="checkbox"/> AM <input type="checkbox"/> PM																
TEST REPORTING UNITS:	pH Units		mg/l	umholcm	mg/l	mg/l												
TEST METHOD DETECTION LIMIT:	0.05		1.0 ppm	1.0 ppm	1.0 ppm	0.5 ppm												
TEST METHOD USED:	EPA 150.1		EPA 160.2	EPA 120.1	EPA 413.1	EPA 415.2												
ANALYZED BY (SELF/LAB):	D-TEK LAB		LAB	LAB	LAB	LAB												

TSS - Total Suspended Solids

SC - Specific Conductance

O&G - Oil & Grease

TOC - Total Organic Carbon

FORM 1-SAMPLING & ANALYSIS RESULTS

SECOND STORM EVENT

- If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: <.05)
- When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box.
- If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank

NAME OF PERSON COLLECTING SAMPLE(S): _____ TITLE: _____ SIGNATURE: _____

DESCRIBE DISCHARGE LOCATION Example: NW Out Fall	DATE/TIME OF SAMPLE COLLECTION	TIME DISCHARGE STARTED	ANALYTICAL RESULTS For Second Storm Event																
			BASIC PARAMETERS				OTHER PARAMETERS												
			pH	TSS	SC	O&G		TOC											
	___/___/___ <input type="checkbox"/> AM <input type="checkbox"/> PM	___:___ <input type="checkbox"/> AM <input type="checkbox"/> PM																	
	___/___/___ <input type="checkbox"/> AM <input type="checkbox"/> PM	___:___ <input type="checkbox"/> AM <input type="checkbox"/> PM																	
	___/___/___ <input type="checkbox"/> AM <input type="checkbox"/> PM	___:___ <input type="checkbox"/> AM <input type="checkbox"/> PM																	
TEST REPORTING UNITS:			pH Units	mg/l	umholcm	mg/l	mg/l												
TEST METHOD DETECTION LIMIT:																			
TEST METHOD USED:																			
ANALYZED BY (SELF/LAB):																			

TSS - Total Suspended Solids SC - Specific Conductance O&G - Oil & Grease TOC - Total Organic Carbon

1999-2000
ANNUAL REPORT *2/0*

FORM 2-QUARTERLY VISUAL OBSERVATIONS OF AUTHORIZED
NON-STORM WATER DISCHARGES (NSWDS)

SIDE A

- Quarterly dry weather visual observations are required of each authorized NSWSD.
- Observe each authorized NSWSD source, impacted drainage area, and discharge location.
- Authorized NSWSDs must meet the conditions provided in Section D (pages 5-6), of the General Permit.
- Make additional copies of this form as necessary.

<p>QUARTER: JULY-SEPT. DATE: <u> </u> / <u> </u> / <u> </u></p>	<p>Observers Name: _____ Title: _____ Signature: _____</p>	<p>WERE ANY AUTHORIZED NSWDS DISCHARGED DURING THIS QUARTER? <input type="checkbox"/> YES <input type="checkbox"/> NO If YES, complete reverse side of this form.</p>
<p>QUARTER: OCT.-DEC. DATE: <u> </u> / <u> </u> / <u> </u></p>	<p>Observers Name: _____ Title: _____ Signature: _____</p>	<p>WERE ANY AUTHORIZED NSWDS DISCHARGED DURING THIS QUARTER? <input type="checkbox"/> YES <input type="checkbox"/> NO If YES, complete reverse side of this form.</p>
<p>QUARTER: JAN.-MARCH DATE: <u> </u> / <u> </u> / <u> </u></p>	<p>Observers Name: _____ Title: _____ Signature: _____</p>	<p>WERE ANY AUTHORIZED NSWDS DISCHARGED DURING THIS QUARTER? <input type="checkbox"/> YES <input type="checkbox"/> NO If YES, complete reverse side of this form.</p>
<p>QUARTER: APRIL-JUNE DATE: <u> </u> / <u> </u> / <u> </u></p>	<p>Observers Name: _____ Title: _____ Signature: _____</p>	<p>WERE ANY AUTHORIZED NSWDS DISCHARGED DURING THIS QUARTER? <input type="checkbox"/> YES <input type="checkbox"/> NO If YES, complete reverse side of this form.</p>

1999-2000
ANNUAL REPORT

FORM 2-QUARTERLY VISUAL OBSERVATIONS OF AUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)

SIDE B

DATE/TIME OF OBSERVATION	SOURCE AND LOCATION OF AUTHORIZED NSWD	NAME OF AUTHORIZED NSWD	DESCRIBE AUTHORIZED NSWD CHARACTERISTICS		DESCRIBE ANY REVISED OR NEW BMPs AND PROVIDE THEIR IMPLEMENTATION DATE
			At the NSWD Source	At the NSWD Drainage Area and Discharge Location	
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM	EXAMPLE: Air conditioner Units on Building C	EXAMPLE: Air conditioner condensate			
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM					
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM					
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM					
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM					

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2/0

SIDE A

**FORM 3-QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)**

- Unauthorized NSWDs are discharges (such as wash or rinse waters) that do not meet the conditions provided in Section D (pages 5-6) of the General Permit.
- Quarterly visual observations are required to observe current and detect prior unauthorized NSWDs.
- Quarterly visual observations are required during dry weather and at all facility drainage areas.
- Each unauthorized NSWD source, impacted drainage area, and discharge location must be identified and observed.
- Unauthorized NSWDs that can not be eliminated within 90 days of observation must be reported to the Regional Board in accordance with Section A.10.e of the General Permit.
- Make additional copies of this form as necessary.

<p>QUARTER: JULY-SEPT. DATE/TIME OF OBSERVATIONS <input type="checkbox"/> AM <input type="checkbox"/> PM / /</p>	<p>Observers Name: _____ Title: _____ Signature: _____</p>	<p>WERE UNAUTHORIZED NSWDs OBSERVED? <input type="checkbox"/> YES <input type="checkbox"/> NO WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input type="checkbox"/> NO If YES to either question, complete reverse side.</p>
<p>QUARTER: OCT.-DEC. DATE/TIME OF OBSERVATIONS <input type="checkbox"/> AM <input type="checkbox"/> PM / /</p>	<p>Observers Name: _____ Title: _____ Signature: _____</p>	<p>WERE UNAUTHORIZED NSWDs OBSERVED? <input type="checkbox"/> YES <input type="checkbox"/> NO WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input type="checkbox"/> NO If YES to either question, complete reverse side.</p>
<p>QUARTER: JAN.-MARCH DATE/TIME OF OBSERVATIONS <input type="checkbox"/> AM <input type="checkbox"/> PM / /</p>	<p>Observers Name: _____ Title: _____ Signature: _____</p>	<p>WERE UNAUTHORIZED NSWDs OBSERVED? <input type="checkbox"/> YES <input type="checkbox"/> NO WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input type="checkbox"/> NO If YES to either question, complete reverse side.</p>
<p>QUARTER: APRIL-JUNE DATE/TIME OF OBSERVATIONS <input type="checkbox"/> AM <input type="checkbox"/> PM / /</p>	<p>Observers Name: _____ Title: _____ Signature: _____</p>	<p>WERE UNAUTHORIZED NSWDs OBSERVED? <input type="checkbox"/> YES <input type="checkbox"/> NO WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input type="checkbox"/> NO If YES to either question, complete reverse side.</p>

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ANNUAL REPORT

FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)

SIDE B

OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD	SOURCE AND LOCATION OF UNAUTHORIZED NSWD	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS		DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
			AT THE UNAUTHORIZED NSWD SOURCE	AT THE UNAUTHORIZED NSWD AREA AND DISCHARGE LOCATION	
___ / ___ / ___ <input type="checkbox"/> AM <input type="checkbox"/> PM	EXAMPLE: Vehicle Wash Water	EXAMPLE: NW Corner of Parking Lot			
___ / ___ / ___ <input type="checkbox"/> AM <input type="checkbox"/> PM					
___ / ___ / ___ <input type="checkbox"/> AM <input type="checkbox"/> PM					
___ / ___ / ___ <input type="checkbox"/> AM <input type="checkbox"/> PM					

1999-2000
ANNUAL REPORT
FORM 4-MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES

SIDE A

- Storm water discharge visual observations are required for at least one storm event per month between October 1 and May 31.
- Visual observations must be conducted during the first hour of discharge at all discharge locations.
- Discharges of temporarily stored or contained storm water must be observed at the time of discharge.

- Indicate "None" in the first column of this form if you did not conduct a monthly visual observation.
- Make additional copies of this form as necessary.
- Until a monthly visual observation is made, record any eligible storm events that do not result in a storm water discharge and note the date, time, name, and title of who observed there was no storm water discharge.

		#1	#2	#3	#4
Observation Date: October ____ 1999 Observers Name: _____ Title: _____ Signature: _____	Drainage Location Description Observation Time Time Discharge Began Were Pollutants Observed (If yes, complete reverse side)	#1 YES <input type="checkbox"/> NO <input type="checkbox"/>	#2 YES <input type="checkbox"/> NO <input type="checkbox"/>	#3 YES <input type="checkbox"/> NO <input type="checkbox"/>	#4 YES <input type="checkbox"/> NO <input type="checkbox"/>
Observation Date: November ____ 1999 Observers Name: _____ Title: _____ Signature: _____	Drainage Location Description Observation Time Time Discharge Began Were Pollutants Observed (If yes, complete reverse side)	#1 YES <input type="checkbox"/> NO <input type="checkbox"/>	#2 YES <input type="checkbox"/> NO <input type="checkbox"/>	#3 YES <input type="checkbox"/> NO <input type="checkbox"/>	#4 YES <input type="checkbox"/> NO <input type="checkbox"/>
Observation Date: December ____ 1999 Observers Name: _____ Title: _____ Signature: _____	Drainage Location Description Observation Time Time Discharge Began Were Pollutants Observed (If yes, complete reverse side)	#1 YES <input type="checkbox"/> NO <input type="checkbox"/>	#2 YES <input type="checkbox"/> NO <input type="checkbox"/>	#3 YES <input type="checkbox"/> NO <input type="checkbox"/>	#4 YES <input type="checkbox"/> NO <input type="checkbox"/>
Observation Date: January ____ 2000 Observers Name: _____ Title: _____ Signature: _____	Drainage Location Description Observation Time Time Discharge Began Were Pollutants Observed (If yes, complete reverse side)	#1 YES <input type="checkbox"/> NO <input type="checkbox"/>	#2 YES <input type="checkbox"/> NO <input type="checkbox"/>	#3 YES <input type="checkbox"/> NO <input type="checkbox"/>	#4 YES <input type="checkbox"/> NO <input type="checkbox"/>

1999-2000
ANNUAL REPORT

FORM 4-MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES

SIDE B

DATE/TIME OF OBSERVATION (From Reverse Side)	DRAINAGE AREA DESCRIPTION	DESCRIBE STORM WATER DISCHARGE CHARACTERISTICS	IDENTIFY AND DESCRIBE SOURCE(S) OF POLLUTANTS	DESCRIBE ANY REVISED OR NEW BMPs AND THEIR DATE OF IMPLEMENTATION
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM	EXAMPLE: Discharge from material storage Area #2	Indicate whether storm water discharge is clear, cloudy, or discolored; causing staining; containing floating objects or an oil sheen; has odors, etc.	EXAMPLE: Oil sheen caused by oil dripped by trucks in vehicle maintenance area.	
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM				
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM				
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM				
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM				

**1999-2000
ANNUAL REPORT
FORM 4 (Continued)-MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES**

SIDE A

- Storm water discharge visual observations are required for at least one storm event per month between October 1 and May 31.
- Visual observations must be conducted during the first hour of discharge at all discharge locations.
- Discharges of temporarily stored or contained storm water must be observed at the time of discharge.

- Indicate "None" in the first column of this form if you did not conduct a monthly visual observation.
- Make additional copies of this form as necessary.
- Until a monthly visual observation is made, record any eligible storm events that do not result in a storm water discharge and note the date, time, name, and title of who observed there was no storm water discharge.

Observation Date: February _____ 2000		#1	#2	#3	#4
Observers Name: _____	Drainage Location Description				
Title: _____	Observation Time	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Signature: _____	Time Discharge Began	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Observation Date: March <u>8</u> 2000	Were Pollutants Observed (If yes, complete reverse side)	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>
Observers Name: <u>Marty King</u>	Drainage Location Description		<u>SE corner of building</u>	<u>NE corner of building</u>	
Title: <u>H&S Associate</u>	Observation Time		<u>9:00</u>	<u>9:10</u>	
Signature: <u>Marty King</u>	Time Discharge Began	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Observation Date: April _____ 2000	Were Pollutants Observed (If yes, complete reverse side)	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>
Observers Name: _____	Drainage Location Description				
Title: _____	Observation Time	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Signature: _____	Time Discharge Began	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Observation Date: May _____ 2000	Were Pollutants Observed (If yes, complete reverse side)	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>
Observers Name: _____	Drainage Location Description				
Title: _____	Observation Time	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Signature: _____	Time Discharge Began	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
	Were Pollutants Observed (If yes, complete reverse side)	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>

1999-2000
ANNUAL REPORT

FORM 4 (Continued)-MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES

SIDE B

DATE/TIME OF OBSERVATION (From Reverse Side)	DRAINAGE AREA DESCRIPTION	DESCRIBE STORM WATER DISCHARGE CHARACTERISTICS	IDENTIFY AND DESCRIBE SOURCE(S) OF POLLUTANTS	DESCRIBE ANY REVISED OR NEW BMPs AND THEIR DATE OF IMPLEMENTATION
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM	EXAMPLE: Discharge from material storage Area #2	Indicate whether storm water discharge is clear, cloudy, or discolored; causing staining; containing floating objects or an oil sheen, has odors, etc.	EXAMPLE: Oil sheen caused by oil dripped by trucks in vehicle maintenance area	
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM				
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM				
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM				
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM				

1999-2000
ANNUAL REPORT

SIDE A

FORM 5-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS

EVALUATION DATE: 5/13/10 INSPECTOR NAME: Mark King TITLE: H&S Associate SIGNATURE: Mark King

POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?	ARE ADDITIONAL/REVISED BMPs NECESSARY?	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP implementation	Describe additional/revISED BMPs or corrective actions and their date(s) of implementation
<i>Hazardous material waste and storage</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
<i>Manufacturing waste management systems</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
<i>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</i> <i>Manufacturing input water treatment chemicals (see storage)</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<i>If yes, to either question, complete the next two columns of this form</i>	<i>Describe deficiencies in BMPs or BMP implementation</i>	<i>Describe additional/revISED BMPs or corrective actions and their date(s) of implementation</i>
<i>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</i> <i>Cooling towers, boilers & chiller chemicals (see storage)</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<i>If yes, to either question, complete the next two columns of this form</i>	<i>Describe deficiencies in BMPs or BMP implementation</i>	<i>Describe additional/revISED BMPs or corrective actions and their date(s) of implementation</i>

1999-2000
ANNUAL REPORT

SIDE B

FORM 5 (Continued)-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS

EVALUATION DATE: 5/19/10 INSPECTOR NAME: Patrick King TITLE: EHS Associate SIGNATURE: Patrick King

<p>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</p> <p><i>Manufacturing process water treatment & conditioning chemicals use & storage</i></p>	<p>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</p> <p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p>	<p>If yes, to either question, complete the next two columns of this form</p>	<p>Describe deficiencies in BMPs or BMP Implementation</p>	<p>Describe additional/revISED BMPs or corrective actions and their date(s) of Implementation</p>
<p>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</p> <p><i>By-pass or blowdown of various pieces of equipment exterior of building</i></p>	<p>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</p> <p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p>	<p>If yes, to either question, complete the next two columns of this form</p>	<p>Describe deficiencies in BMPs or BMP Implementation</p>	<p>Describe additional/revISED BMPs or corrective actions and their date(s) of Implementation</p>
<p>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</p>	<p>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO</p>	<p>If yes, to either question, complete the next two columns of this form</p>	<p>Describe deficiencies in BMPs or BMP Implementation</p>	<p>Describe additional/revISED BMPs or corrective actions and their date(s) of Implementation</p>
<p>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</p>	<p>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO</p>	<p>If yes, to either question, complete the next two columns of this form</p>	<p>Describe deficiencies in BMPs or BMP Implementation</p>	<p>Describe additional/revISED BMPs or corrective actions and their date(s) of Implementation</p>
<p>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</p>	<p>ARE ADDITIONAL/REVISED BMPs NECESSARY?</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO</p>	<p>ARE ADDITIONAL/REVISED BMPs NECESSARY?</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO</p>	<p>ARE ADDITIONAL/REVISED BMPs NECESSARY?</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO</p>	<p>ARE ADDITIONAL/REVISED BMPs NECESSARY?</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO</p>

IDEC PHARMACEUTICALS CORPORATION
Annual Storm Water Report for 1999-2000

Explanations to "NO" Answers in Annual Report Questionnaire.

E1. Only one storm event met the criteria for sampling. Runoff was only excessive enough to sample one storm event that occurred on March 8, 2000.

E9. Samples from temporary contained/stored discharges are not applicable to our facility.

G1. Storm water discharges occurred at each discharge location during the March storm event. Only one storm that occurred during normal business hours created significant runoff.

D-TEK Analytical Laboratories, Inc.

9020 Kenamar Drive, Suite 205
San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

IDEC PHARMACEUTICALS


11011 Torreyana Road
San Diego, CA 92121

Attn: Mr. Marty King

Date of Report: 4/4/00
Sampling Dates: 3/8/00
Date Sample Received: 3/9/00
Date Analyzed: March 9, 10, 15 and 22, 2000
Analyzed By: TC, EA, JV and CW
Sample Type: Liquid
Project Name: Storm Water Sample
Log Number: 00-0921

ANALYSES RESULTS

Analysis:	Prep/Analysis Method:	Units:	Log Number : Sample ID:	00-0921 Storm #1
TOC	EPA 415.2	mg/l		3.7
Oil & Grease	EPA 413.1	mg/l		<1.0
TSS	EPA 160.2	mg/l		10.0
S. Conductivity	EPA 120.1	µhmos/cm		80.0
pH	EPA 150.1			6.6
Cyanide	EPA 335.2	mg/l		<0.02



Ellen Atienza
Operations Manager

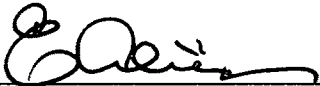
D-TEK Analytical Laboratories, Inc.

9020 Kenamar Drive, Suite 205
San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

QUALITY CONTROL DATA REPORT

Date: 4/4/00
Attn: Mr. Marty King
Log #: 00-0921
Date Analyzed: March 9, 10, 15 and 22, 2000

Analysis	Prep/Analysis Method	LCS % Recovery	Spike % Recovery	Duplicate % RPD
TOC	EPA 415.2	98	100	6
Oil & Grease	EPA 413.1	97		
Spec. Conductance	EPA 120.1	105		0
pH	EPA 150.1	101		0
Cyanide	EPA 335.2	110	95	9



Ellen Atienza
Operations Manager

QUALITY CONTROL TERMINOLOGY

- LCS - Laboratory Control Sample. Reported as % Recovery of an Independent Standard carried through all sample preparation procedures to verify method performance. Acceptable range is 80 % -120 % recovery.
- Spike- Environmental sample is matrix spiked with method compounds and % recovery of concentration spiked into sample is calculated. Reported as
- % Recovery. Acceptable range for "Normal Matrix Sample" is 75 % - 125% recovery.
- % Recovery = (Spike Sample Result - Sample Result) *100/Spike Concentration.
- RPD (Relative % Difference) = (Spiked Sample - Spike Duplicate) * 100 / Average Result.

D-TEK Analytical Laboratories, Inc.

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San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

IDEC PHARMACEUTICALS

11011 Torreyana Road
San Diego, CA 92121

Attn: Mr. Marty King

Date of Report:	4/4/00
Sampling Dates:	3/8/00
Date Sample Received:	3/9/00
Date Analyzed:	March 9, 10, 15 and 22, 2000
Analyzed By:	TC, EA and JV
Sample Type:	Liquid
Project Name:	Storm Water Sample
Log Number:	00-0921

The sample(s) were analyzed with EPA methodology or equivalent methods as specified on the attached "Analyses Results" report. The symbol for "less than" indicates a value below the reportable detection limit.

The results of these analyses and the quality control data are enclosed.



Ellen Atienza
Operations Manager

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
2000-2001 ANNUAL REPORT
FOR STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

Δ⁵

logged

Reporting Period July 1, 2000 through June 30, 2001

An Annual Report is required to be submitted to your local Regional Water Quality Control Board (Regional Board) by July 1 of each year. This document must be certified and signed, under penalty of perjury, by the appropriate official of your company. Many of the Annual Report questions require an explanation. Please provide explanations on a separate sheet as an attachment. **Retain a copy of the completed Annual Report for your records.**

If any information contained in Items A, B, and C below is incorrect, please cross out or highlight the incorrect information (do not white out or erase) and provide the correct information next to or above the incorrect information so that we can update our records. Please remember that a Notice of Termination and new Notice of Intent is required whenever your facility is relocated or changes ownership.

If you have any questions, please contact your Regional Board Storm Water Program Contact. The address of the Regional Board (where the Annual Report must be submitted) along with the name, telephone number, and e-mail address of the contact is indicated below. Additional copies of the Annual Report may be obtained from our web site at www.swrcb.ca.gov.

REGIONAL BOARD INFORMATION:

SAN DIEGO REGIONAL WATER BOARD
9771 CLAIREMONT MESA BLVD., SUITE A
SAN DIEGO, CA 92124-1324

GLORIA FULTON
(858) 467-2971
E-mail: fultg@rb9.swrcb.ca.gov

GENERAL INFORMATION

A. Facility Location:

IDEC PHARMACEUTICALS
11011 TORREYANA RD
SAN DIEGO, CA 92121

Facility WDID No:

9 37S010764

B. Facility Operator Information:

Contact Person:

MARK THOMPSON / *RICHARD GRAHAM*
(619) 550-8613 (858) 431-8822 / 431-8950

IDEC PHARMACEUTICALS
11011 TORREYANA RD
SAN DIEGO, CA 92121

C. Facility Information:

Contact Person:

MARK THOMPSON / *RICHARD GRAHAM*
(619) 550-8613 (858) 431-8822 / 431-8950

Mailing Address:

IDEC PHARMACEUTICALS
11011 TORREYANA RD
SAN DIEGO, CA 92121

SIC Code(s):

2836 Biological Products, except Diagnostic Substances

Additional Table D Parameters:

(Hazardous Waste Facilities, see Table D, Sector K of the Permit)

Waste Discharge Order No:

2001 JUN 27 A 11:05
SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD

A.R. Incomplete. No explanation why only 1/3 sampling points sampled. Recommend inspection.

JMP
7/23/01

2000-2001
ANNUAL REPORT

SPECIFIC INFORMATION

MONITORING AND REPORTING PROGRAM

D. SAMPLING AND ANALYSIS EXEMPTIONS AND REDUCTIONS

1. For the reporting period, was your facility exempt from collecting and analyzing samples from two storm events in accordance with sections B.12 or 15 of the General Permit?

YES Go to Item D.2

NO Go to Section E

2. Indicate the reason your facility is exempt from collecting and analyzing samples from two storm events. Attach a copy of the first page of the appropriate certification if you check boxes ii, iii, iv, or v.

i. Participating in an Approved Group Monitoring Plan Group Name: _____

ii. Submitted No Exposure Certification (NEC) Date Submitted: ____/____/____

Re-evaluation Date: ____/____/____

Does facility continue to satisfy NEC conditions? YES NO

iii. Submitted Sampling Reduction Certification (SRC) Date Submitted: ____/____/____

Re-evaluation Date: ____/____/____

Does facility continue to satisfy SRC conditions? YES NO

iv. Received Regional Board Certification Certification Date: ____/____/____

v. Received Local Agency Certification Certification Date: ____/____/____

3. If you checked boxes i or iii above, were you scheduled to sample one storm event during the reporting year?

YES Go to Section E

NO Go to Section F

4. If you checked boxes ii, iv, or v, go to Section F.

E. SAMPLING AND ANALYSIS RESULTS

1. How many storm events did you sample? 3 If less than 2, attach explanation (if you checked item D.2.i or iii. above, only attach explanation if you answer "0").

2. Did you collect storm water samples from the first storm of the wet season that produced a discharge during scheduled facility operating hours? (Section B.5 of the General Permit)

YES

NO, attach explanation (Please note that if you do not sample the first storm event, you are still required to sample 2 storm events)

3. How many storm water discharge locations are at your facility? 3

4. For each storm event sampled, did you collect and analyze a sample from each of the facility's storm water discharge locations? YES, go to Item E.6 NO
5. Was sample collection or analysis reduced in accordance with Section B.7.d of the General Permit? YES NO, attach explanation
- If "YES", attach documentation supporting your determination that two or more drainage areas are substantially identical.
- Date facility's drainage areas were last evaluated / /
6. Were all samples collected during the first hour of discharge? YES NO, attach explanation
7. Was all storm water sampling preceded by three (3) working days without a storm water discharge? YES NO, attach explanation
8. Were there any discharges of stormwater that had been temporarily stored or contained? (such as from a pond) YES NO, go to Item E.10
9. Did you collect and analyze samples of temporarily stored or contained storm water discharges from two storm events? (or one storm event if you checked item D.2.i or iii. above) YES NO, attach explanation
10. Section B.5. of the General Permit requires you to analyze storm water samples for pH, Total Suspended Solids (TSS), Specific Conductance (SC), Total Organic Carbon (TOC) or Oil and Grease (O&G), other pollutants likely to be present in storm water discharges in significant quantities, and analytical parameters listed in Table D of the General Permit.
- a. Does Table D contain any additional parameters related to your facility's SIC code(s)? YES NO, Go to Item E.11
- b. Did you analyze all storm water samples for the applicable parameters listed in Table D? YES NO
- c. If you did not analyze all storm water samples for the applicable Table D parameters, check one of the following reasons:
- _____ In prior sampling years, the parameter(s) have not been detected in significant quantities from two consecutive sampling events. **Attach explanation**
- _____ The parameter(s) is not likely to be present in storm water discharges and authorized non-storm water discharges in significant quantities based upon the facility operator's evaluation. **Attach explanation**
- _____ Other. **Attach explanation**
11. For each storm event sampled, attach a copy of the laboratory analytical reports and report the sampling and analysis results using Form 1 or its equivalent. The following must be provided for each sample collected:
- Date and time of sample collection
 - Name and title of sampler.
 - Parameters tested.
 - Name of analytical testing laboratory.
 - Discharge location identification.
 - Testing results.
 - Test methods used.
 - Test detection limits.
 - Date of testing.
 - Copies of the laboratory analytical results.

F. QUARTERLY VISUAL OBSERVATIONS

1. **Authorized Non-Storm Water Discharges**

Section B.3.b of the General Permit requires quarterly visual observations of all authorized non-storm water discharges and their sources.

a. Do authorized non-storm water discharges occur at your facility?

YES NO Go to Item F.2

b. Indicate whether you visually observed all authorized non-storm water discharges and their sources during the quarters when they were discharged. **Attach an explanation for any "NO" answers.** Indicate "N/A" for quarters without any authorized non-storm water discharges.

July -September YES NO N/A October-December YES NO N/A

January-March YES NO N/A April-June YES NO N/A

c. Use **Form 2** to report quarterly visual observations of authorized non-storm water discharges or provide the following information.

- i. name of each authorized non-storm water discharge
- ii. date and time of observation
- iii. source and location of each authorized non-storm water discharge
- iv. characteristics of the discharge at its source and impacted drainage area/discharge location
- v. name, title, and signature of observer
- vi. any new or revised BMPs necessary to reduce or prevent pollutants in authorized non-storm water discharges. Provide new or revised BMP implementation date.

2. **Unauthorized Non-Storm Water Discharges**

Section B.3.a of the General Permit requires quarterly visual observations of all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources.

a. Indicate whether you visually observed all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources. **Attach an explanation for any "NO" answers.**

July -September YES NO October-December YES NO

January-March YES NO April-June YES NO

b. Based upon the quarterly visual observations, were any unauthorized non-storm water discharges detected?

YES NO Go to item F.2.d

c. Have each of the unauthorized non-storm water discharges been eliminated or permitted?

YES NO Attach explanation

d. Use **Form 3** to report quarterly unauthorized non-storm water discharge visual observations or provide the following information.

- i. name of each unauthorized non-storm water discharge.
- ii. date and time of observation.
- iii. source and location of each unauthorized non-storm water discharge.
- iv. characteristics of the discharge at its source and impacted drainage area/discharge location.
- v. name, title, and signature of observer.
- vi. any corrective actions necessary to eliminate the source of each unauthorized non-storm water discharge and to clean impacted drainage areas. Provide date unauthorized non-storm water discharge(s) was eliminated or scheduled to be eliminated.

G. MONTHLY WET SEASON VISUAL OBSERVATIONS

Section B.4.a of the General Permit requires you to conduct monthly visual observations of storm water discharges at all storm water discharge locations during the wet season. These observations shall occur during the first hour of discharge or, in the case of temporarily stored or contained storm water, at the time of discharge.

1. Indicate below whether monthly visual observations of storm water discharges occurred at all discharge locations. Attach an explanation for any "NO" answers. Include in this explanation whether any eligible storm events occurred during scheduled facility operating hours that did not result in a storm water discharge, and provide the date, time, name and title of the person who observed that there was no storm water discharge:

October	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	February	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
November	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	March	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
December	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	April	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
January	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	May	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

2. Report monthly wet season visual observations using Form 4 or provide the following information.

- date, time, and location of observation
- name and title of observer
- characteristics of the discharge (i.e., odor, color, etc.) and source of any pollutants observed.
- any new or revised BMPs necessary to reduce or prevent pollutants in storm water discharges. Provide new or revised BMP implementation date.

ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION (ACSCE)

H. ACSCE CHECKLIST

Section A.9 of the General Permit requires the facility operator to conduct one ACSCE in each reporting period (July 1-June 30). Evaluations must be conducted within 8-16 months of each other. The SWPPP and monitoring program shall be revised and implemented, as necessary, within 90 days of the evaluation. The checklist below includes the minimum steps necessary to complete a ACSCE. Indicate whether you have performed each step below. Attach an explanation for any "NO" answers.

1. Have you inspected all potential pollutant sources and industrial activities areas? YES NO
The following areas should be inspected:

- areas where spills and leaks have occurred during the last year.
- outdoor wash and rinse areas.
- process/manufacturing areas.
- loading, unloading, and transfer areas.
- waste storage/disposal areas.
- dust/particulate generating areas.
- erosion areas.
- building repair, remodeling, and construction
- material storage areas
- vehicle/equipment storage areas
- truck parking and access areas
- rooftop equipment areas
- vehicle fueling/maintenance areas
- non-storm water discharge generating areas

2. Have you reviewed your SWPPP to assure that its BMPs address existing potential pollutant sources and industrial activities areas? YES NO

3. Have you inspected the entire facility to verify that the SWPPP's site map, is up-to-date? The following site map items should be verified: YES NO

- facility boundaries
- outline of all storm water drainage areas
- areas impacted by run-on
- storm water discharges locations
- storm water collection and conveyance system
- structural control measures such as catch basins, berms, containment areas, oil/water separators, etc.

4. Have you reviewed all General Permit compliance records generated since the last annual evaluation? YES NO

The following records should be reviewed:

- quarterly authorized non-storm water discharge visual observations
- quarterly unauthorized non-storm water discharge visual observations
- monthly storm water discharge visual observation
- Sampling and Analysis records
- records of spills/leaks and associated clean-up/response activities
- preventative maintenance inspection and maintenance records

5. Have you reviewed the major elements of the SWPPP to assure compliance with the General Permit? YES NO

The following SWPPP items should be reviewed:

- pollution prevention team
- assessment of potential pollutant sources
- list of significant materials
- identification and description of the BMPs to be implemented for each potential pollutant source
- description of potential pollutant sources

6. Have you reviewed your SWPPP to assure that a) the BMPs are adequate in reducing or preventing pollutants in storm water discharges and authorized non-storm water discharges, and b) the BMPs are being implemented? YES NO

The following BMP categories should be reviewed:

- good housekeeping practices
- preventative maintenance
- spill response
- material handling and storage practices
- employee training
- waste handling/storage
- erosion control
- structural BMPs
- quality assurance

7. Has all material handling equipment and equipment needed to implement the SWPPP been inspected? YES NO

I. ACSCE EVALUATION REPORT

The facility operator is required to provide an evaluation report that includes:

- identification of personnel performing the evaluation
- schedule for implementing SWPPP revisions
- the date(s) of the evaluation
- any incidents of non-compliance and the corrective actions taken
- necessary SWPPP revisions

Use Form 5 to report the results of your evaluation or develop an equivalent form.

J. ACSCE CERTIFICATION

The facility operator is required to certify compliance with the Industrial Activities Storm Water General Permit. To certify compliance, both the SWPPP and Monitoring Program must be up to date and be fully implemented.

Based upon your ACSCE, do you certify compliance with the Industrial Activities Storm Water General Permit?

- YES NO

If you answered "NO" attach an explanation to the ACSCE Evaluation Report why you are not in compliance with the Industrial Activities Storm Water General Permit.

ATTACHMENT SUMMARY

Answer the questions below to help you determine what should be attached to this annual report. Answer NA (Not Applicable) to questions 2-4 if you are not required to provide those attachments.

- 1. Have you attached Forms 1,2,3,4, and 5 or their equivalent? YES (Mandatory)
- 2. If you conducted sampling and analysis, have you attached the laboratory analytical reports? YES NO NA
- 3. If you checked box II, III, IV, or V in item D.2 of this Annual Report, have you attached the first page of the appropriate certifications? YES NO NA
- 4. Have you attached an explanation for each "NO" answer in items E.1, E.2, E.5-E.7, E.9, E.10.c, F.1.b, F.2.a, F.2.c, G.1, H.1-H.7, or J? YES NO NA

ANNUAL REPORT CERTIFICATION

I am duly authorized to sign reports required by the INDUSTRIAL ACTIVITIES STORM WATER GENERAL PERMIT (see Standard Provision C.9) and I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those person directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Printed Name: Richard Granton
Signature: [Signature] Date: 6-22-01
Title: Associate II EHS

DESCRIPTION OF BASIC ANALYTICAL PARAMETERS

The Industrial Activities Storm Water General Permit (General Permit) requires you to analyze storm water samples for at least four parameters. These are pH, Total Suspended Solids (TSS), Specific Conductance (SC), and Total Organic Carbon (TOC). Oil and Grease (O&G) may be substituted for TOC. In addition, you must monitor for any other pollutants which you believe to be present in your storm water discharge as a result of industrial activity and analytical parameters listed in Table D of the General Permit. There are no numeric limitations for the parameters you test for.

The four parameters which the General Permit requires to be tested are considered *indicator* parameters. In other words, regardless of what type of facility you operate, these parameters are nonspecific and general enough to usually provide some indication whether pollutants are present in your storm water discharge. The following briefly explains what each of these parameters mean:

pH is a numeric measure of the hydrogen-ion concentration. The neutral, or acceptable, range is within 6.5 to 8.5. At values less than 6.5, the water is considered acidic; above 8.5 it is considered alkaline or basic. An example of an acidic substance is vinegar, and a alkaline or basic substance is liquid antacid. Pure rainfall tends to have a pH of a little less than 7. There may be sources of materials or industrial activities which could increase or decrease the pH of your storm water discharge. If the pH levels of your storm water discharge are high or low, you should conduct a thorough evaluation of all potential pollutant sources at your site.

Total Suspended Solids (TSS) is a measure of the undissolved solids that are present in your storm water discharge. Sources of TSS include sediment from erosion of exposed land, and dirt from impervious (i.e. paved) areas. Sediment by itself can be very toxic to aquatic life because it covers feeding and breeding grounds, and can smother organisms living on the bottom of a water body. Toxic chemicals and other pollutants also adhere to sediment particles. This provides a medium by which toxic or other pollutants end up in our water ways and ultimately in human and aquatic life. TSS levels vary in runoff from undisturbed land. It has been shown that TSS levels increase significantly due to land development.

Specific Conductance (SC) is a numerical expression of the ability of the water to carry an electric current. SC can be used to assess the degree of mineralization, salinity, or estimate the total dissolved solids concentration of a water sample. Because of air pollution, most rain water has a SC a little above zero. A high SC could affect the usability of waters for drinking, irrigation, and other commercial or industrial use.

Total Organic Carbon (TOC) is a measure of the total organic matter present in water. (All organic matter contains carbon) This test is sensitive and able to detect small concentrations of organic matter. Organic matter is naturally occurring in animals, plants, and man. Organic matter may also be man made (so called synthetic organics). Synthetic organics include pesticides, fuels, solvents, and paints. Natural organic matter utilizes the oxygen in a receiving water to biodegrade. Too much organic matter could place a significant oxygen demand on the water, and possibly impact its quality. Synthetic organics either do not biodegrade or biodegrade very slowly. Synthetic organics are a source of toxic chemicals that can have adverse effects at very low concentrations. Some of these chemicals bioaccumulate in aquatic life. If your levels of TOC are high, you should evaluate all sources of natural or synthetic organics you may use at your site.

Oil and Grease (O&G) is a measure of the amount of oil and grease present in your storm water discharge. At very low concentrations, O&G can cause a sheen (that floating "rainbow") on the surface of water (1 qt. of oil can pollute 250,000 gallons of water). O&G can adversely affect aquatic life and create unsightly floating material and film on water, thus making it undrinkable. Sources of O&G include maintenance shops, vehicles, machines and roadways.

If you have any questions regarding whether or not your constituent concentrations are too high, please contact your local Regional Board office. The United States Environmental Protection Agency (USEPA) has published stormwater discharge benchmarks for a number of parameters. These benchmarks may be helpful when evaluating whether additional BMPs are appropriate. These benchmarks can be accessed at our website at <http://www.swrcb.ca.gov>. It is contained in the Sampling and Analysis Reduction Certification.

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FORM 1-SAMPLING & ANALYSIS RESULTS
FIRST STORM EVENT

SIDE A

- If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: < .05)
- If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank
- When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box.
- Make additional copies of this form as necessary.

NAME OF PERSON COLLECTING SAMPLE(S): Edward Graham TITLE: Assistant II SIGNATURE: [Signature]

DESCRIBE DISCHARGE LOCATION Example: NW Out Fall	DATE/TIME OF SAMPLE COLLECTION	TIME DISCHARGE STARTED	ANALYTICAL RESULTS For First Storm Event														
			BASIC PARAMETERS					OTHER PARAMETERS									
			pH	TSS	SC	O&G	TOC										
OUTFALL #2	10/6/00 11:30 AM	10:45 AM	7.04	21	480	2.4	20.4										
OUTFALL #2	11/11/01 9:40 AM	8:45 AM	6.19	17	96.2	21	5.41										
OUTFALL #2	2/28/01 9:30 AM	8:45 AM	6.65	210	78.3	21	7.76										
TEST REPORTING UNITS:			pH Units	mg/l	umho/cm	mg/l	mg/l										
TEST METHOD DETECTION LIMIT:			0.05	1.0ppm	1.0ppm	1.0ppm	0.5ppm										
TEST METHOD USED:			SPH100/1	SPH100/2	SPH100/1	SPH413/1	SPH415/2										
ANALYZED BY (SELF/LAB):			D-T&C LAB	D-T&C LAB	D-T&C LAB	D-T&C LAB	D-T&C LAB										

TSS - Total Suspended Solids SC - Specific Conductance O&G - Oil & Grease TOC - Total Organic Carbon

1st
2nd
3rd
4th

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FORM 1-SAMPLING & ANALYSIS RESULTS

SECOND STORM EVENT

SIDE B

- If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: <.05)
- If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank
- When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box:

NAME OF PERSON COLLECTING SAMPLE(S): _____ TITLE: _____ SIGNATURE: _____

DESCRIBE DISCHARGE LOCATION Example: NW Out Fall	DATE/TIME OF SAMPLE COLLECTION / / □ AM □ PM	TIME DISCHARGE STARTED : : □ AM □ PM	ANALYTICAL RESULTS For Second Storm Event																	
			BASIC PARAMETERS					OTHER PARAMETERS												
			pH	TSS	SC	O&G	TOC													
	/ / □ AM □ PM	: : □ AM □ PM																		
	/ / □ AM □ PM	: : □ AM □ PM																		
	/ / □ AM □ PM	: : □ AM □ PM																		
TEST REPORTING UNITS:			pH Units	mg/l	umho/cm	mg/l	mg/l													
TEST METHOD DETECTION LIMIT:																				
TEST METHOD USED:																				
ANALYZED BY (SELF/LAB):																				

TSS - Total Suspended Solids

SC - Specific Conductance

O&G - Oil & Grease

TOC - Total Organic Carbon

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See attached
**FORM 2-QUARTERLY VISUAL OBSERVATIONS OF AUTHORIZED
 NON-STORM WATER DISCHARGES (NSWDS)**

SIDE A

- Quarterly dry weather visual observations are required of each authorized NSWDS.
- Observe each authorized NSWDS source, impacted drainage area, and discharge location.
- Authorized NSWDSs must meet the conditions provided in Section D (pages 5-6) of the General Permit.
- Make additional copies of this form as necessary.

QUARTER: JULY-SEPT. DATE: _____ / /	Observers Name: _____ Title: _____ Signature: _____	WERE ANY AUTHORIZED NSWDS DISCHARGED DURING THIS QUARTER? <input type="checkbox"/> YES <input type="checkbox"/> NO If YES, complete reverse side of this form.
QUARTER: OCT.-DEC. DATE: _____ / /	Observers Name: _____ Title: _____ Signature: _____	WERE ANY AUTHORIZED NSWDS DISCHARGED DURING THIS QUARTER? <input type="checkbox"/> YES <input type="checkbox"/> NO If YES, complete reverse side of this form.
QUARTER: JAN.-MARCH DATE: _____ / /	Observers Name: _____ Title: _____ Signature: _____	WERE ANY AUTHORIZED NSWDS DISCHARGED DURING THIS QUARTER? <input type="checkbox"/> YES <input type="checkbox"/> NO If YES, complete reverse side of this form.
QUARTER: APRIL-JUNE DATE: _____ / /	Observers Name: _____ Title: _____ Signature: _____	WERE ANY AUTHORIZED NSWDS DISCHARGED DURING THIS QUARTER? <input type="checkbox"/> YES <input type="checkbox"/> NO If YES, complete reverse side of this form.

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FORM 2-QUARTERLY VISUAL OBSERVATIONS OF AUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)

SIDE B

DATE/TIME OF OBSERVATION	SOURCE AND LOCATION OF AUTHORIZED NSWD	NAME OF AUTHORIZED NSWD	DESCRIBE AUTHORIZED NSWD CHARACTERISTICS		DESCRIBE ANY REVISED OR NEW BMPs AND PROVIDE THEIR IMPLEMENTATION DATE
			At the NSWD Source	At the NSWD Drainage Area and Discharge Location	
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM	EXAMPLE: Air conditioner Units on Building C	EXAMPLE: Air conditioner condensate			
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM					
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM					
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM					
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM					

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SIDE A

**FORM 3-QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)**

- Unauthorized NSWDs are discharges (such as wash or rinse waters) that do not meet the conditions provided in Section D (pages 5-6) of the General Permit.
- Quarterly visual observations are required to observe current and detect prior unauthorized NSWDs.
- Quarterly visual observations are required during dry weather and at all facility drainage areas.
- Each unauthorized NSWD source, impacted drainage area, and discharge location must be identified and observed.
- Unauthorized NSWDs that can not be eliminated within 90 days of observation must be reported to the Regional Board in accordance with Section A.10 e of the General Permit.
- Make additional copies of this form as necessary.

QUARTER: JULY-SEPT. DATE/TIME OF OBSERVATIONS 9/18/00 9:00 AM <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	Observers Name: <u>Edward Sparran</u> Title: <u>Asst. Mgr.</u> Signature: <u>[Signature]</u>	WERE UNAUTHORIZED NSWDs OBSERVED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	If YES to either question, complete reverse side.
QUARTER: OCT.-DEC. DATE/TIME OF OBSERVATIONS 11/20/00 10:00 AM <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	Observers Name: <u>Edward Sparran</u> Title: <u>Asst. Mgr.</u> Signature: <u>[Signature]</u>	WERE UNAUTHORIZED NSWDs OBSERVED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	If YES to either question, complete reverse side.
QUARTER: JAN.-MARCH DATE/TIME OF OBSERVATIONS / / : : AM <input type="checkbox"/> AM <input type="checkbox"/> PM	Observers Name: _____ Title: _____ Signature: _____	WERE UNAUTHORIZED NSWDs OBSERVED? <input type="checkbox"/> YES <input type="checkbox"/> NO WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input type="checkbox"/> NO	If YES to either question, complete reverse side.
QUARTER: APRIL-JUNE DATE/TIME OF OBSERVATIONS / / : : AM <input type="checkbox"/> AM <input type="checkbox"/> PM	Observers Name: _____ Title: _____ Signature: _____	WERE UNAUTHORIZED NSWDs OBSERVED? <input type="checkbox"/> YES <input type="checkbox"/> NO WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input type="checkbox"/> NO	If YES to either question, complete reverse side.

FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)

OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD	SOURCE AND LOCATION OF UNAUTHORIZED NSWD	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS		DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
			AT THE UNAUTHORIZED NSWD SOURCE	AT THE UNAUTHORIZED NSWD AREA AND DISCHARGE LOCATION	
9/18/00 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	INDUSTRIAL MOP WATER	COURTNEY CLEANING crew NE corner of Building	Dray - Flushed w/ copious water Post Remediated	Cloudy, lysol odor	9/18/00: Sucked, Pumped and Removed Dirt in French Drain, Flushed w/ copious water. Informal contractors
11/20/00 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	INDUSTRIAL MOP WATER	COURTNEY CLEANING crew NE corner of Building	Dray - Flushed w/ copious water Post Remediated	Cloudy, lysol odor	11/20/00 Sucked, Pumped and Removed Dirt in French Drain. Flushed w/ copious water. Informal, trained, and skilled "no dumping" on terraces w/ Spanish/English
1/1/00 <input type="checkbox"/> AM <input type="checkbox"/> PM					
1/1/00 <input type="checkbox"/> AM <input type="checkbox"/> PM					

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FORM 4-MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES

SEE ATTACHED

SIDE A

- Storm water discharge visual observations are required for at least one storm event per month between October 1 and May 31.
- Visual observations must be conducted during the first hour of discharge at all discharge locations.
- Discharges of temporarily stored or contained storm water must be observed at the time of discharge.

- Indicate "None" in the first column of this form if you did not conduct a monthly visual observation.
- Make additional copies of this form as necessary.
- Until a monthly visual observation is made, record any eligible storm events that do not result in a storm water discharge and note the date, time, name, and title of who observed there was no storm water discharge.

Observation Date: October <u>10/12</u> 1999 2000 1999 Observers Name: <u>Edward Graham</u> Title: <u>Assoc. II EHS</u> Signature: <u>[Signature]</u>	Drainage Location Description Observation Time Time Discharge Began Were Pollutants Observed (If yes, complete reverse side)	#1 NE OUTFALL SE OUTFALL 9:15 N/A YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	#2 : : : YES <input type="checkbox"/> NO <input type="checkbox"/>	#3 : : : YES <input type="checkbox"/> NO <input type="checkbox"/>	#4 : : : YES <input type="checkbox"/> NO <input type="checkbox"/>
Observation Date: November <u>11/20</u> 1999 2000 1999 Observers Name: <u>Edward Graham</u> Title: <u>Assoc. II EHS</u> Signature: <u>[Signature]</u>	Drainage Location Description Observation Time Time Discharge Began Were Pollutants Observed (If yes, complete reverse side)	#1 NE OUTFALL SE OUTFALL 10:30 N/A YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	#2 : : : YES <input type="checkbox"/> NO <input type="checkbox"/>	#3 : : : YES <input type="checkbox"/> NO <input type="checkbox"/>	#4 : : : YES <input type="checkbox"/> NO <input type="checkbox"/>
Observation Date: December <u>12/18</u> 1999 2000 1999 Observers Name: <u>Edward Graham</u> Title: <u>Assoc. II EHS</u> Signature: <u>[Signature]</u>	Drainage Location Description Observation Time Time Discharge Began Were Pollutants Observed (If yes, complete reverse side)	#1 NE OUTFALL SE OUTFALL 9:05 N/A YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	#2 : : : YES <input type="checkbox"/> NO <input type="checkbox"/>	#3 : : : YES <input type="checkbox"/> NO <input type="checkbox"/>	#4 : : : YES <input type="checkbox"/> NO <input type="checkbox"/>
Observation Date: January <u>1/15</u> 2000 2001 Observers Name: <u>Edward Graham</u> Title: <u>Assoc. II EHS</u> Signature: <u>[Signature]</u>	Drainage Location Description Observation Time Time Discharge Began Were Pollutants Observed (If yes, complete reverse side)	#1 NE OUTFALL SE OUTFALL 8:15 N/A YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	#2 : : : YES <input type="checkbox"/> NO <input type="checkbox"/>	#3 : : : YES <input type="checkbox"/> NO <input type="checkbox"/>	#4 : : : YES <input type="checkbox"/> NO <input type="checkbox"/>

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FORM 4-MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES

SIDE B

DATE/TIME OF OBSERVATION (From Reverse Side)	DRAINAGE AREA DESCRIPTION	DESCRIBE STORM WATER DISCHARGE CHARACTERISTICS	IDENTIFY AND DESCRIBE SOURCE(S) OF POLLUTANTS	DESCRIBE ANY REVISED OR NEW BMPs AND THEIR DATE OF IMPLEMENTATION
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM	EXAMPLE: Discharge from material storage Area #2	Indicate whether storm water discharge is clear, cloudy, or discolored; causing staining; containing floating objects or an oil sheen, has odors, etc.	EXAMPLE: Oil sheen caused by oil dripped by trucks in vehicle maintenance area.	
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM				
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM				
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM				
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM				

**2000-2001
ANNUAL REPORT
FORM 4 (Continued)-MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES**

SIDE A

- Storm water discharge visual observations are required for at least one storm event per month between October 1 and May 31.
- Visual observations must be conducted during the first hour of discharge at all discharge locations.
- Discharges of temporarily stored or contained storm water must be observed at the time of discharge.

- Indicate "None" in the first column of this form if you did not conduct a monthly visual observation.
- Make additional copies of this form as necessary.
- Until a monthly visual observation is made, record any eligible storm events that do not result in a storm water discharge and note the date, time, name, and title of who observed there was no storm water discharge.

Observation Date: February <u>2/10</u> 2000 2001 Observers Name: <u>Richard Spurr</u> Title: <u>Assoc. II Eng'rs</u> Signature: <u>[Signature]</u>		Drainage Location Description #1 NE OUTLET / SE OUTLET / #2 #3 #4	Observation Time #1 10:15 <input type="checkbox"/> P.M. <input type="checkbox"/> A.M. #2 #3 #4	Time Discharge Began #1 1/4 : <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M. #2 #3 #4	Were Pollutants Observed #1 YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> #2 #3 #4
Observation Date: March <u>3/19</u> 2000 2001 Observers Name: <u>Richard Spurr</u> Title: <u>Assoc. II Eng'rs</u> Signature: <u>[Signature]</u>		Drainage Location Description #1 NE OUTLET / SE OUTLET / #2 #3 #4	Observation Time #1 9:00 <input type="checkbox"/> P.M. <input type="checkbox"/> A.M. #2 #3 #4	Time Discharge Began #1 1/4 : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M. #2 #3 #4	Were Pollutants Observed #1 YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> #2 #3 #4
Observation Date: April <u>4/16</u> 2000 2001 Observers Name: <u>Richard Spurr</u> Title: <u>Assoc. II Eng'rs</u> Signature: <u>[Signature]</u>		Drainage Location Description #1 NE OUTLET / SE OUTLET / #2 #3 #4	Observation Time #1 8:45 <input type="checkbox"/> P.M. <input type="checkbox"/> A.M. #2 #3 #4	Time Discharge Began #1 1/4 : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M. #2 #3 #4	Were Pollutants Observed #1 YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> #2 #3 #4
Observation Date: May <u>5/21</u> 2000 2001 Observers Name: <u>Richard Spurr</u> Title: <u>Assoc. II Eng'rs</u> Signature: <u>[Signature]</u>		Drainage Location Description #1 NE OUTLET / SE OUTLET / #2 #3 #4	Observation Time #1 10:15 <input type="checkbox"/> P.M. <input type="checkbox"/> A.M. #2 #3 #4	Time Discharge Began #1 1/4 : <input type="checkbox"/> P.M. <input type="checkbox"/> A.M. #2 #3 #4	Were Pollutants Observed #1 YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> #2 #3 #4

FORM 4 (Continued)-MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES

DATE/TIME OF OBSERVATION (From Reverse Side)	DRAINAGE AREA DESCRIPTION	DESCRIBE STORM WATER DISCHARGE CHARACTERISTICS	IDENTIFY AND DESCRIBE SOURCE(S) OF POLLUTANTS	DESCRIBE ANY REVISED OR NEW BMPs AND THEIR DATE OF IMPLEMENTATION
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM	EXAMPLE: Discharge from material storage Area #2	Indicate whether storm water discharge is clear, cloudy, or discolored; causing staining; containing floating objects or an oil sheen, has odors, etc.	EXAMPLE: Oil sheen caused by oil dripped by trucks in vehicle maintenance area.	
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM				
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM				
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM				
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM				

2000-2001
ANNUAL REPORT

SIDE A

FORM 5-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS

EVALUATION DATE: 6/18/01 INSPECTOR NAME: Richard Spillman TITLE: Assistant I EHS SIGNATURE: [Signature]

POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?	ARE ADDITIONAL/REVISED BMPs NECESSARY?	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP implementation	Describe additional/revISED BMPs or corrective actions and their date(s) of implementation
<p><i>Hazardous Materials Waste Storage</i></p>	<p>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>ARE ADDITIONAL/REVISED BMPs NECESSARY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>If yes, to either question, complete the next two columns of this form</p>	<p>Describe deficiencies in BMPs or BMP implementation</p>	<p>Describe additional/revISED BMPs or corrective actions and their date(s) of implementation</p>
<p>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</p> <p><i>MANUFACTURING WASTE MANAGEMENT SYSTEMS</i></p>	<p>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>ARE ADDITIONAL/REVISED BMPs NECESSARY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>If yes, to either question, complete the next two columns of this form</p>	<p>Describe deficiencies in BMPs or BMP implementation</p>	<p>Describe additional/revISED BMPs or corrective actions and their date(s) of implementation</p>
<p>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</p> <p><i>MANUFACTURING WASTE WATER TREATMENT CHEMICALS (USE & STORAGE)</i></p>	<p>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>ARE ADDITIONAL/REVISED BMPs NECESSARY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>If yes, to either question, complete the next two columns of this form</p>	<p>Describe deficiencies in BMPs or BMP implementation</p>	<p>Describe additional/revISED BMPs or corrective actions and their date(s) of implementation</p>
<p>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</p> <p><i>COALING TOWER, BOILER & OTHER CHEMICALS (USE & STORAGE)</i></p>	<p>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>ARE ADDITIONAL/REVISED BMPs NECESSARY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>If yes, to either question, complete the next two columns of this form</p>	<p>Describe deficiencies in BMPs or BMP implementation</p>	<p>Describe additional/revISED BMPs or corrective actions and their date(s) of implementation</p>

FORM 5 (Continued)-ANNUAL COMPLIANCE SITE COMPLIANCE EVALUATION
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS

EVALUATION DATE: 6/12/01 INSPECTOR NAME: William Williams TITLE: Assistant II Site SIGNATURE: [Signature]

POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) <i>Manufacturing Process Liquid Materials & Chemicals (Use & Storage)</i>	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP Implementation	Describe additional/revISED BMPs or corrective actions and their date(s) of Implementation
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) <i>Boxes on exterior of labors pieces of equipment (exterior of building)</i>	ARE ADDITIONAL/REVISED BMPs NECESSARY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP Implementation	Describe additional/revISED BMPs or corrective actions and their date(s) of implementation
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? <input type="checkbox"/> YES <input type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP Implementation	Describe additional/revISED BMPs or corrective actions and their date(s) of implementation
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	ARE ADDITIONAL/REVISED BMPs NECESSARY? <input type="checkbox"/> YES <input type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP Implementation	Describe additional/revISED BMPs or corrective actions and their date(s) of implementation
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? <input type="checkbox"/> YES <input type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP Implementation	Describe additional/revISED BMPs or corrective actions and their date(s) of implementation

STORM WATER POLLUTION PREVENTION PLAN

Dry Season: June 1-Sept 30
 Wet Season: Oct 1-May 31

Reporting Period	First Quarter	Second Quarter	Third Quarter	Fourth Quarter
Monthly Storm Event Observation (Note if sampled)	June (dry) 19th 9:15am Dry, odorless, no grease/oil, no debris Foliage will be cut back.	September (dry) 18th 9:00am South out-fall is wet, odorless, but some debris. North out-fall is wet, strong odor of Lysol, turbid, debris (Sampled). Remediated!	December (wet) 18th 9:00am South out-fall is dry, odorless, no debris. North out-fall is wet, no odor, no debris.	March (wet) 19th 9:00am South out-fall is dry, odorless, some small debris (cleaned). North out-fall is wet, strong odor of Lysol, turbid, debris (Sampled). Remediated
	July (dry) 17th 8:30am Dry, odorless, no grease/oil, no debris Foliage is cut back.	October (wet) 16th 9:15am Rainy days Sample taken 10-6-00 10-18-00. Wet, odorless, no grease/oil, some debris (cleaned)	January (wet) 15th 8:15am South out-fall is dry, odorless, no debris. North out-fall is wet, no odor, no debris.	April (wet) 16th 8:45am South out-fall is dry, odorless, no debris. Pampus grass has been removed. North out-fall is wet, no odor, no debris.
	August (dry) 14th 10:00am Moist (landscape), odorless, no grease/oil, no debris.	November (wet) 20th 10:30am South out-fall is wet, odorless, but some debris. North out-fall is wet, strong odor of Lysol, turbid, debris. Remediated!	February (wet) 20th 10:15am South out-fall is wet, odorless, no debris. North out-fall is wet, no odor, no debris.	May (wet) 21st 10:15am South out-fall is moist, odorless, no debris. North out-fall is wet, no odor, no debris.
	Date/Comments	Date/Results	Date/Results	Date/Results

Quarterly Non-storm observation (Authorized or unauthorized)	August	November	February	May
	All OK. No non-storm water events.	Sept 18 th and Nov 20 th – Industrial Cleaning water (Mop water) was poured down a storm port outside the building. Remediation followed immediately and the cleaning contractors where notified and trained not to do this. Also, “No Dumping” (Spanish/English) was stenciled on the drains.	All OK. No non-storm water events	All OK. No non-storm water events.

NOTES:

Storm water discharge visual observations-Monthly

- Visually observe storm water discharges from one storm event per month (if applicable) during the wet season (October 1-May 30).
- These visual observations shall occur during the first hour of discharge and at all discharge locations.
- Visual observations shall document the presence of any floating and suspended material, oil and grease, discoloration, turbidity, odor, and source of any pollutants.
- Records shall be maintained of the (1) observation dates, (2) locations observed, (3) observations, and (4) response taken to reduce or prevent pollutants in storm water discharges.

Non-storm water discharge visual observations-Quarterly

- Visually observe all drainage areas for the presence of authorized and unauthorized non-storm water discharges and their sources.
- Visual observations shall document the presence of any discoloration, stains, odors, floating materials, etc., as well as the source of the discharge noting if discharge is authorized or unauthorized.
- Records shall be maintained of the (1) visual observation dates, (2) locations observed, (3) observations, and (4) response taken to eliminate unauthorized non-storm water discharges and to reduce or prevent pollutants from contacting non-storm water discharges.



11011 TORREYANA ROAD
SAN DIEGO, CA 92121
858/431-8500 • FAX 858/431-8750

IDEC PHARMCEUTICALS CORPORATION
Annual Storm Water Report for 2000-2001

Explanation to "NO" answers in Annual Report Questionnaire.

E9. Samples from temporary contained/stored discharges are not applicable to our facility.

D-1 EK Analytical Laboratories, Inc.

9020 Kenamar Drive, Suite 205
San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

IDEC PHARMACEUTICALS

11011 Torreyana Road
San Diego, CA 92121

Attn: Mr. Rick Graham / Mr. Marty King

Date of Report: 11/22/00
Sampling Dates: 10/6/00
Date Sample Received: 10/6/00
Date Analyzed: October 6, 9, 13, 19 and 30, 2000
Analyzed By: TC, JG, EA and JV
Sample Type: Liquid
Project Name: N/A
Log Number: 00-4232

ANALYSES RESULTS

Analysis:	Prep/Analysis Method:	Units:	Log Number : Sample ID:	00-4232 IDEC Sample #1 Storm Water
pH	EPA 150.1			7.04
S. Conductivity	EPA 120.1	µhmos/cm		480
TSS	EPA 160.2	mg/l		21
Oil & Grease	EPA 413.1	mg/l		2.4
TOC	EPA 415.2	mg/l		20.4



Ellen Atienza
Operations Manager

D-TEK Analytical Laboratories, Inc.

9020 Kenamar Drive, Suite 205

San Diego, CA 92121

(858) 566-4540 FAX (858) 566-4542

QUALITY CONTROL DATA REPORT

Date: 11/22/00
Attn: Mr. Rick Graham / Mr. Marty King
Log #: 00-4232
Date Analyzed: October 13, 19 and 30, 2000

Analysis	Prep/Analysis Method	LCS % Recovery	Spike % Recovery	Duplicate % RPD
Spec. Conductance	EPA 120.1	96		1
Oil & Grease	EPA 413.1	97		
TOC	EPA 415.2	97	93	3



Ellen Atienza
Operations Manager

QUALITY CONTROL TERMINOLOGY

- **LCS** - Laboratory Control Sample. Reported as % Recovery of an Independent Standard carried through all sample preparation procedures to verify method performance. Acceptable range is 80 % -120 % recovery.
- **Spike**- Environmental sample is matrix spiked with method compounds and % recovery of concentration spiked into sample is calculated. Reported as
- **% Recovery**. Acceptable range for "Normal Matrix Sample" is 75 % - 125% recovery.
- **% Recovery** = (Spike Sample Result - Sample Result) *100/Spike Concentration.
- **RPD (Relative % Difference)** = (Spiked Sample - Spike Duplicate) * 100 / Average Result.

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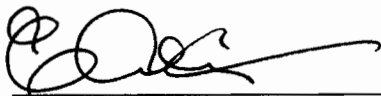
QUALITY CONTROL DATA REPORT

Date of Report: 02/02/01

Attn: Marty King

Log Number: 01-216

Analysis	Method	LCS % Recovery	Spike % Recovery	Duplicate RPD
Conductivity	EPA 120.1	100		1
Oil & Grease	EPA 413.1	100		
TOC	EPA 415.2	96	89	2
TOC	EPA 415.2		92	1



Ellen Atienza
Operations Manager

QUALITY CONTROL TERMINOLOGY

- * LCS - Laboratory Control Sample. Reported as % Recovery of an Independent Standard carried through all sample preparation procedures to verify method performance.
- * Spike - Environmental sample is matrix spiked with method compounds and % recovery of concentration spiked into sample is calculated.
- * % Recovery - $(\text{Spike Sample Result} - \text{Sample Result}) * 100 / \text{Spike Concentration}$.
If the original sample spiked is below reporting limits (ND), a result of "0" is assumed.
- * RPD - Relative Percent Difference - $(\text{Spiked Sample} - \text{Spiked Duplicate}) * 100 / \text{Average Result}$.

D-TEK Analytical Laboratories, Inc.
9020 Kenamar Drive, Suite 205
San Diego, CA 92121
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IDEC Pharmaceuticals Corp.
11011 Torreyana Rd.
San Diego, CA 92121

Date Reported: 02/02/01
Date Sampled: 01/11/01
Date Received: 01/11/01
Sample Type: Water

Attn: Marty King

Log Number: 01-216
Sample ID: IDEC Sample #2 Storm Wat

<u>Analysis</u>	<u>Method</u>	<u>Units</u>	<u>Analyzed</u>	<u>Results</u>
Conductivity	EPA 120.1	umhos/cm	APO 01/16	96.2
Oil & Grease	EPA 413.1	mg/L	EA 01/13	< 1
pH	EPA 150.1	----	APO 01/11	6.19
TSS	EPA 160.2	mg/L	APO 02/02	17
TOC	EPA 415.2	mg/L	JV 01/19	5.41



Ellen Atienza
Operations Manager

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IDEC Pharmaceuticals Corp.
11011 Torreyana Rd.
San Diego, CA 92121

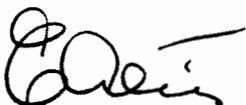
Date Reported: 02/14/01
Date Sampled: 02/25/01
Date Received: 02/26/01
Sample Type: Water

Attn: Marty King

Project ID: N/A

Log Number: 01-1029
Sample ID: IDEC Smpl #3 Storm Water

<u>Analysis</u>	<u>Results</u>	<u>Units</u>	<u>Method</u>	<u>Analyst/Date</u>
Conductivity	78.3	umhos/cm	EPA 120.1	AA 03/01
Oil & Grease	< 1.0	mg/L	EPA 413.1	EA 02/27
pH	6.65	----	EPA 150.1	AA 02/26
TSS	< 10	mg/L	EPA 160.2	AA 02/27
TOC	7.70	mg/L	EPA 415.2	JV 02/26



Ellen Atienza
Operations Manager

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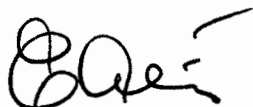
QUALITY CONTROL DATA REPORT

Date of Report: 02/14/01

Attn: Marty King

Log Number: 01-1029

<u>Analysis</u>	<u>Method</u>	<u>LCS % Recovery</u>	<u>Spike % Recovery</u>	<u>Duplicate RPD</u>
Conductivity	EPA 120.1	100		
Oil & Grease	EPA 413.1	102		
TOC	EPA 415.2	99	89	2



Ellen Atienza
Operations Manager

QUALITY CONTROL TERMINOLOGY

- * LCS - Laboratory Control Sample. Reported as % Recovery of an Independent Standard carried through all sample preparation procedures to verify method performance.
- * Spike - Environmental sample is matrix spiked with method compounds and % recovery of concentration spiked into sample is calculated.
- * % Recovery - $(\text{Spike Sample Result} - \text{Sample Result}) * 100 / \text{Spike Concentration}$.
If the original sample spiked is below reporting limits (ND), a result of "0" is assumed.
- * RPD - Relative Percent Difference - $(\text{Spiked Sample} - \text{Spiked Duplicate}) * 100 / \text{Average Result}$.



California Regional Water Quality Control Board
San Diego Region



Winston H. Hickox
Secretary for
Environmental
Protection

Internet Address: <http://www.swrcb.ca.gov/rwqcb9/>
9174 Sky Park Court, Suite 100, San Diego, California 92123
Phone (858) 467-2952 • FAX (858) 571-6972

Gray Davis
Governor

June 5, 2002

Mr. Richard Graham
IDEC Pharmaceuticals
11011 Torreyana Rd
San Diego, CA 92121

WDID: 9 37S010764

Dear Mr. Graham:

SUBJECT: SEPTEMBER 27, 2001 COMPLIANCE INSPECTION

On September 27, 2001, a compliance inspection of your facility was conducted by Tetra Tech, a United States Environmental Protection Agency contractor representing the San Diego Regional Water Quality Control Board. The purpose of the inspection was to evaluate your compliance with the Industrial Activities Storm Water General Permit (General Permit), Order No. 97-03-DWQ. Enclosed is a copy of Tetra Tech's inspection report and evaluation of your Storm Water Pollution Prevention Plan (SWPPP) and Monitoring Program (MP) to assess the effectiveness of your Best Management Practices (BMPs) to comply with the General Permit requirements.

Please review the inspection report carefully. The report includes a summary of the inspector's findings and may identify areas of potential non-compliance and other areas of concern. You should take appropriate actions to address the issues described in the report. These actions may include modifying the existing BMPs or implementing new BMPs that reduce or eliminate the discharge of pollutants. Your facility SWPPP and MP may need to be revised to include the new or modified BMPs and to reflect any other changes. Please submit a summary of any corrective actions already taken, or actions you plan to take, with your Annual Report, which is due to this office by July 1, 2002.

If you have any questions regarding this letter, please contact Gloria Fulton at (858) 467-2971.

Respectfully,

JOHN R. PHILLIPS
Senior WRC Engineer

Encs: Tetra Tech Compliance Inspection Report
SWPPP, BMP, and Monitoring Program review sheets
Federal/State/RWQCB Benchmark Values sheet

File 10-0010764.02

S:/Industrial Compliance/Stormwater/tetra letters/priority 3.doc

California Environmental Protection Agency

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our Web-site at <http://www.swrcb.ca.gov>.

Recycled Paper



San Diego Regional Water Quality Control Board
General Industrial Activities Storm Water Permit (CAS000001 - General Permit)
Storm Water Compliance Facility Inspection Report

SWIM INFO
Program 62069
Violation 99307
100770
CB 4/15/02

WDID: 010764
Status Code: Active

Receiving Water Name:
Pacific Ocean

Facility Name: IDEC Pharmaceuticals
Facility Address: 11011 Torreyana Rd.
San Diego, CA 92121

Facility Size: 1.6 Acre(s)
Impervious Area: 90%
Primary SIC Code(s):

Facility Contact: Richard Graham
Facility Phone: 858 431 8822

283X - Drugs

Date of Inspection: 9/27/01
Inspector(s): Oxsalida (Tt)
Type of Inspection: B Type Inspection

General Results:

IDEC Pharmaceuticals was inspected on 9/27/01 to determine compliance with NPDES General Permit No. CAS000001. IDEC Pharmaceuticals is categorized under SIC code 283X - Drugs. The inspector met with Richard Graham to tour the facility and review relevant storm water paperwork.

The facility produces Ritoxin, which is used to treat Non-Hodgkins Lymphoma, a form of leukemia. The company's Torreyana facility is used for production, as well as Quality Control (QC) for Ritoxin. Mr. Graham could not elaborate on specific production facilities and equipment, and preferred not to show the inspector much of the inside of the facility. The facility tour was restricted mostly to outdoor portion of the facilities. Outdoor industrial facilities include loading and unloading docks, enclosed storage sheds for raw and waste materials, a wastewater treatment system, a storage area for chemicals used in wastewater treatment, and a miscellaneous hazardous waste storage area. The wastewater treatment system is contained within a pit with a leak-detection device which is sufficient to hold the wastewater capacity of the system. The treatment chemicals are kept in sealed drums, and are stored within a bermed, ramped, and covered area. The miscellaneous hazardous waste storage area is fenced and locked, with sloping pavement and a sump to contain any spills. The storage area contains expired product and raw materials, stored in bottles within cardboard boxes.

The facility has three identified storm water outfalls. The first discharge point is located at the northeast corner of the property, and receives storm water runoff from the lower level of the parking structure, as well as some landscaping. The second discharge point is located at the southeast corner of the property, and receives storm water runoff from the loading and unloading area, the wastewater treatment area, the treatment chemical area, and the hazardous waste storage area. The third discharge point is located at the northwest corner of the property, and receives storm water runoff from the upper level of the parking structure and the front driveway. Based on the lack of industrial activities for discharge points 1 and 3, the facility only collects storm water samples from discharge point 2. The facility currently does visually inspect all three discharge points.

The facility's SWPPP, monitoring plan, and most recent analytical storm water data were reviewed. The SWPPP contained deficiencies, as discussed below. BMPs listed in the SWPPP were fully implemented. The monitoring plan contained deficiencies, also noted below. One specific conductance value was above the RWQCB benchmark value, and one pH value was not within the RWQCB benchmark range. Specific values are listed below.

Identified Areas of Potential Noncompliance:

**San Diego Regional Water Quality Control Board
General Industrial Activities Storm Water Permit (CAS000001 - General Permit)
Storm Water Compliance Facility Inspection Report**

The SWPPP does not identify a pollution prevention team (CAS000001 Attachment A.3.).

The SWPPP site map was incomplete in the following areas (CAS000001 Attachment A.4.):

A site map was not included in the SWPPP, and none could be found for review

The SWPPP does not contain a complete list of significant materials handled at the site (CAS000001 Attachment A.5.):

The SWPPP contains an adequate description of potential pollutant sources, but no specific material information is included.

The facility did not have sampling records for the following required activities:

The facility did not sample from representative storm water discharge locations (CAS000001 Attachment B.7.):

Discharge point 3 has recently been added to the SWPPP and the monitoring plan, and was not visually inspected or sampled prior to the first quarter (June-August) of 2001. Therefore, visual observation and sampling data is not included in the 2000-2001 Annual Report.

Other issues of noncompliance observed during the site inspection:

In addition to the lack of monitoring and visual inspection data for discharge point 3, the Monitoring Plan did not contain a description of sampling locations, sampling methods, and analytical methods as required by sections B.7, B.10, and B.10.b, respectively, of the permit.

Other Areas of Concern

Storm water discharges exceed RWQCB benchmark values for the following parameters:

Southeast discharge point (No. 2) - 01/11/01
pH - 6.19 su (6.19 su)

Southeast discharge point (No. 2) - 10/06/00
Specific conductance - 480 umhos/cm (200 umhos/cm)

RWQCB benchmark values are provided parenthetically.

The facility is implementing the following model storm water BMPs:

The containment for the wastewater treatment system is excellent. The system is enclosed within a concrete pit with walls approximately 6 feet high. The corrosive water holding tank is equipped with a leak-detection device. All storm water is visually inspected for contamination before release.

IDEC Pharmaceuticals (WDID 010764) - September 27, 2001



Photo 1 – Discharge point near the northeast corner of the facility



Photo 2 – Discharge point with shutoff valve at the southeast corner of the facility

only outfall that is sampled -
 as per sampling program on
 page 22.



Photo 3 – Discharge point at the northwest corner of the facility



Photo 4 – Facility driveway and sign

CALIFORNIA WATER QUALITY CONTROL BOARD-SAN DIEGO REGION

GENERAL INDUSTRIAL ACTIVITIES STORM WATER PERMIT
WATER QUALITY ORDER NO. 97-03-DWQ

STORM WATER POLLUTION PREVENTION PLAN
and MONITORING PROGRAM REVIEW SHEET

FACILITY NAME IDEC Pharmaceuticals

WDID NO. : 010769

REVIEW DATE 9/27/01

STORM WATER POLLUTION PREVENTION PLAN		Not Applicable	Included	Not Included	Incomplete	Comments
Signed Certification	(C.9 and C.10)			✓		
Pollution Prevention Team	(A.3.a)			✓		no individuals specified
Existing Facility Plans	(A.3.b)			✓		
Facility Site Map(s)						
Facility boundaries	(A.4.a)					A site map was not included in the SWPPP
Drainage areas	(A.4.a)					
Direction of flow	(A.4.a)					
On-site water bodies	(A.4.a)					
Areas of soil erosion	(A.4.a)					
Nearby water bodies	(A.4.a)					
Municipal storm drain inlets	(A.4.a)					
Points of discharge	(A.4.b)					
Structural control measures	(A.4.b)					
Impervious areas (paved areas, buildings, covered areas, roofed areas)	(A.4.c)					
Location of directly exposed materials	(A.4.d)					
Locations of significant spills and leaks	(A.4.d)					
Storage areas / Storage tanks	(A.4.e)					
Shipping and receiving areas	(A.4.e)					
Fueling areas	(A.4.e)					
Vehicle and equipment storage and maintenance	(A.4.e)					
Material handling / Material processing	(A.4.e)					
Waste treatment / Waste disposal	(A.4.e)					
Dust generation / Particulate generation	(A.4.e)					
Cleaning areas / Rinsing areas	(A.4.e)					
Other areas of industrial activities	(A.4.e)					
		Not		Not		

WBID NO.:

	Applicable	Included	Included	Incomplete	Comments
List of Significant Materials (A.5)					
For each material listed:					
Storage location			✓		no information included
Receiving and shipping location			✓		
Handling location			✓		
Quantity			✓		
Frequency			✓		
Description of Potential Pollution Sources(A.6)					
Industrial processes (A.6.a.i)		✓			
Material handling and storage areas (A.6.a.ii)		✓			
Dust and particulate generating activities (A.6.a.iii)		✓			
Significant spills and leaks (A.6.a.iv)		✓			
Non-storm water discharges (A.6.a.v)		✓			
Soil erosion (A.6.a.vi)		✓			
Assessment of Potential Pollutant Sources(A.7)					
Areas likely to be sources of pollutants (A.7.a.i)		✓			
Pollutants likely to be present (A.7.a.ii)		✓			
Storm Water Best Management Practices (A.8)					
Existing BMPs		✓			
Existing BMPs to be revised and/or implemented			✓		
New BMPs to be implemented			✓		
Non-structural BMPs (A.8.a)					
Good housekeeping (A.8.a.i)		✓			
Preventative maintenance (A.8.a.ii)		✓			
Spill response (A.8.a.iii)		✓			
Material handling and storage (A.8.a.iv)		✓			
Employee training (A.8.a.v)		✓			
Waste handling / Waste recycling (A.8.a.vi)		✓			
Recordkeeping and internal reporting (A.8.a.vii)		✓			
Erosion control and site stabilization (A.8.a.viii)	✓				
Inspections (A.8.a.ix)		✓			
Quality assurance (A.8.a.x)					
Structural BMPs (A.8.b)					
Overhead coverage (A.8.b.i)		✓			
Retention ponds (A.8.b.ii)	✓				
Control devices (A.8.b.iii)	✓				
Secondary containment structures (A.8.b.iv)		✓			
Treatment (A.8.b.v)		✓			
Annual Comprehensive Site Compliance Evaluation					
Review of visual observations, inspections, and sampling analysis (A.9.a)		✓			
Visual inspection of potential pollution sources (A.9.b)		✓			
Review and evaluation of BMPs (A.9.c)		✓			
Annual compliance evaluation report (A.9.d)		✓			

WBID NO.:

MONITORING PROGRAM

		Not Applicable	Included	Not Included	Incomplete	Comments
Quarterly Non-Storm Water Discharge						
Visual Observations (B.3)						
Observations to be conducted (Jan-March, April-June, July-September, October-December)	(B.3.c)		✓			
All drainage areas	(B.3.a)			✓		
Look for presence of unauthorized NSWDS	(B.3.a)		✓			
Observe authorized NSWDS	(B.3.b)		✓			
Maintain observation records	(B.3.d)		✓			
Storm Water Discharge Visual Observations (B.4)						
Once per month during wet season (October 1-May 31)	(B.4.a)		✓			
Observe during first hour of discharge	(B.4.a)		✓			
All drainage areas	(B.4.a)			✓		
Observe stored or contained storm water at time of discharge	(B.4.a)			✓		
Preceded by three working days dry weather	(B.4.c)		✓			
Document discharge characteristics	(B.4.c)		✓			
Sampling and Analysis						
Samples to be collected during first hour of discharge	(B.5.a)		✓			
Sample from first storm of the wet season	(B.5.a)		✓			
Sample from one additional storm during wet season	(B.5.a)		✓			
Samples collected from all discharge locations	(B.5.a)			✓		
Sampling of contained storm water at time of discharge	(B.5.a)			✓		
Sampling preceded by at least three working days without storm water discharges	(B.5.b)		✓			
Sampling for pH, TSS, SC, TOC or O&G	(B.5.c.i)		✓			
Sampling for toxic chemicals and other pollutants likely present in storm water discharges in significant quantities	(B.5.c.ii)		✓			
Other analytical parameters listed in Table D	(B.5.c.iii)		✓			
Storm Water Effluent Limitation Guidelines parameters	(B.6)		✓			
Description of sampling locations	(B.7)			✓		
Description of sampling methods	(B.10)			✓		
Identification of analytical methods and method detection limits	(B.10.b)		✓			
Retention of all records for at least five years	(B.13)		✓			
Annual Report to be submitted by July 1 each year	(B.14)		✓			

REFER TO FACILITY INSPECTION REPORT DATED _____ FOR COMMENTS ON THIS REVIEW AND ANY REQUIRED CORRECTIVE ACTIONS. THE NUMBERED COMMENTS ON THESE REVIEW PAGES CORRESPOND TO THE NUMBERED ITEMS ON THE INSPECTION REPORT.

IDEC Pharmaceuticals

9/27/01

11011 Torreyona Rd

SD, CA

- E north to genesee av exit
- left/west on genesee
- take right in fork/sty on genesee / S21
- right on science park
- left on torreyona

[Contacts: Richard Graham
Mark Thompson

- 3 discharge points, why only outfall #2 sampled?

Manufacture Ritoxin to treat non-hodgkins lymphoma
production, QC, environmental

- SWPPP is in electronic form, no certification, no Plan in SWPPP

BMPs - signs identifying storage areas

- concrete berms for 2nd-containment
- portable secondary containment
- employee training
- guidelines for disposal for hw + material
- inspection program

3 sample points

~~At the drain~~

outfalls #1 + 3 are represented by

outfall #2, no other industrial processes

outdoor activities

- have

shipping/receiving

chemicals stored outdoors

- have

- ④ Storm drain #3 (northwest corner)
 - ⑤ Storm drain #1 (northeast corner)
 - ⑥ Storm drain #2 (southeast corner)
- ⑦ sign
↳ in vicinity of loading dock

- shut off valve for #2 should be listed in SUPPLY BMPs

nonmaterials stored outside

Training Records

- New employee training
- Materials training / shipping/receiving
- ↳ good documentation

9F
10-010764
of 7/15/02

IDEC Pharmaceuticals Corporation
3030 Callan Road
San Diego, CA 92121

June 18, 2002

California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA 92123

Subject: WDID 937S010764
2001 - 2002 Annual Report

2002 JUN 20 PM 2:28
S. J. ...
C. ...

IDEC Pharmaceuticals Corporation is pleased to submit the 2001 - 2002 Annual Report for Storm Water Discharges Associated with Industrial Activities for the facility located at 11011 Torreyana Road.

The following attachments are included in the submittal:

- 2001 - 2002 Annual Report
- Laboratory test results
- Visual observation results from monthly inspections
- Supporting documentation for reduction in sampling locations (Section E.5)
- Summary of corrective action from 9/27/01 compliance inspection
- Updated Storm Water Pollution Prevention Program written plan

Please do not hesitate to contact me at 858-431-8221 with any questions. Thank you for your assistance in this matter.

Sincerely,

Sharon Vidal
Sharon Vidal, CHMM
Sr. Associate I, EH&S

Id. 10-010764

State of California
STATE WATER RESOURCES CONTROL BOARD

of 7/15/02

2001-2002
ANNUAL REPORT

FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

STATE WATER RESOURCES CONTROL BOARD
2001-2002
ANNUAL REPORT

Reporting Period July 1, 2001 through June 30, 2002

An annual report is required to be submitted to your local Regional Water Quality Control Board (Regional Board) by July 1 of each year. This document must be certified and signed, under penalty of perjury, by the appropriate official of your company. Many of the Annual Report questions require an explanation. Please provide explanations on a separate sheet as an attachment. **Retain a copy of the completed Annual Report for your records.**

If any information contained in Items A, B, C, and D below differs from the information provided in your Notice of Intent (NOI), circle or highlight the information that differs from your NOI so we can update our records. Please remember that a Notice of Termination and new Notice of Intent are required whenever a facility is relocated or changes ownership.

If you have any questions, please contact your Regional Board Storm Water Program Contact. The address of the Regional Board (where the Annual Report must be filed) along with the name, telephone number and e-mail address of the contact is indicated on page 8 of this Annual Report. To find your Regional Board information, match the first digit of your WDID number with the corresponding number that appears in parenthesis on the first line of each Regional Board office.

GENERAL INFORMATION:

A. Facility Location:

Facility WDID No: 9 37 S 010 764

Facility Name: IDEC PHARMACEUTICALS CORPORATION

Address: 11011 TORREYANA ROAD

City: SAN DIEGO

State: CA Zip: 92121 Phone: 858-431-8800

B. Facility Operator Information:

Operator Name: IDEC PHARMACEUTICALS CORP

Contact Person: SHARON VIDAL

Mailing Address: 3030 CALLAN ROAD

Title: SR. ASSOC I, EH+S

City: SAN DIEGO

State: CA Zip: 92121 Phone: 858-431-8221

C. Facility Information: (Complete if different from facility mailing address in Item A above)

Street Address: SAME AS ABOVE

City: _____

State: CA Zip: _____

Standard Industrial Classification (SIC) Code(s): 2836

2001-2002
ANNUAL REPORT

SPECIFIC INFORMATION

MONITORING AND REPORTING PROGRAM

D. SAMPLING AND ANALYSIS EXEMPTIONS AND REDUCTIONS

1. For the reporting period, was your facility exempt from collecting and analyzing samples from **two** storm events in accordance with sections B.12 or 15 of the General Permit?

YES Go to Item D.2

NO Go to Section E

2. Indicate the reason your facility is exempt from collecting and analyzing samples from **two** storm events. Attach a copy of the first page of the appropriate certification if you check boxes ii, iii, iv, or v.

i. Participating in an Approved Group Monitoring Plan **Group Name:** _____

ii. Submitted **No Exposure Certification (NEC)** **Date Submitted:** _____

Re-evaluation Date: _____

Does facility continue to satisfy NEC conditions? **YES** **NO**

iii. Submitted **Sampling Reduction Certification (SRC)** **Date Submitted:** _____

Re-evaluation Date: _____

Does facility continue to satisfy SRC conditions? **YES** **NO**

iv. Received Regional Board Certification **Certification Date:** _____

v. Received Local Agency Certification **Certification Date:** _____

3. If you checked boxes i or iii above, were you scheduled to sample **one** storm event during the reporting year?

YES Go to Section E

NO Go to Section F

4. If you checked boxes ii, iv, or v, go to Section F.

E. SAMPLING AND ANALYSIS RESULTS

1. How many storm events did you sample? 4 If less than 2, **attach explanation** (if you checked item D.2.i or iii. above, only attach explanation if you answer "0").

2. Did you collect storm water samples from the first storm of the wet season that produced a discharge during scheduled facility operating hours? (Section B.5 of the General Permit)

YES

NO, attach explanation (Please note that if you do not sample the first storm event, you are still required to sample 2 storm events)

3. How many storm water discharge locations are at your facility? 3

4. For each storm event sampled, did you collect and analyze a sample from each of the facility's storm water discharge locations? YES, go to Item E.6 NO

5. Was sample collection or analysis reduced in accordance with Section B.7.d of the General Permit? YES NO, attach explanation

If "YES", attach documentation supporting your determination that two or more drainage areas are substantially identical.

Date facility's drainage areas were last evaluated 4-24-2002

6. Were all samples collected during the first hour of discharge? YES NO, attach explanation

7. Was all storm water sampling preceded by three (3) working days without a storm water discharge? YES NO, attach explanation

8. Were there any discharges of stormwater that had been temporarily stored or contained? (such as from a pond) YES NO, go to Item E.10

9. Did you collect and analyze samples of temporarily stored or contained storm water discharges from two storm events? (or one storm event if you checked item D.2.i or iii. above) YES NO, attach explanation

10. Section B.5. of the General Permit requires you to analyze storm water samples for pH, Total Suspended Solids (TSS), Specific Conductance (SC), Total Organic Carbon (TOC) or Oil and Grease (O&G), other pollutants likely to be present in storm water discharges in significant quantities, and analytical parameters listed in Table D of the General Permit.

a. Does Table D contain any additional parameters related to your facility's SIC code(s)? YES NO, Go to Item E.11

b. Did you analyze all storm water samples for the applicable parameters listed in Table D? YES NO

c. If you did not analyze all storm water samples for the applicable Table D parameters, check one of the following reasons:

_____ In prior sampling years, the parameter(s) have not been detected in significant quantities from two consecutive sampling events. **Attach explanation**

_____ The parameter(s) is not likely to be present in storm water discharges and authorized non-storm water discharges in significant quantities based upon the facility operator's evaluation. **Attach explanation**

_____ Other. **Attach explanation**

11. For each storm event sampled, attach a copy of the laboratory analytical reports and report the sampling and analysis results using **Form 1** or its equivalent. The following must be provided for each sample collected:

- Date and time of sample collection
- Name and title of sampler.
- Parameters tested.
- Name of analytical testing laboratory.
- Discharge location identification.
- Testing results.
- Test methods used.
- Test detection limits.
- Date of testing.
- Copies of the laboratory analytical results.

F. QUARTERLY VISUAL OBSERVATIONS

1. **Authorized Non-Storm Water Discharges**

Section B.3.b of the General Permit requires quarterly visual observations of all authorized non-storm water discharges and their sources.

a. Do authorized non-storm water discharges occur at your facility?

YES NO Go to Item F.2

b. Indicate whether you visually observed all authorized non-storm water discharges and their sources during the quarters when they were discharged. **Attach an explanation for any "NO" answers.** Indicate "N/A" for quarters without any authorized non-storm water discharges.

July -September YES NO N/A October-December YES NO N/A
January-March YES NO N/A April-June YES NO N/A

c. Use **Form 2** to report quarterly visual observations of authorized non-storm water discharges or provide the following information.

- i. name of each authorized non-storm water discharge
- ii. date and time of observation
- iii. source and location of each authorized non-storm water discharge
- iv. characteristics of the discharge at its source and impacted drainage area/discharge location
- v. name, title, and signature of observer
- vi. **any** new or revised BMPs necessary to reduce or prevent pollutants in authorized non-storm water discharges. Provide new or revised BMP implementation date.

2. **Unauthorized Non-Storm Water Discharges**

Section B.3.a of the General Permit requires quarterly visual observations of all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources.

a. Indicate whether you visually observed all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources. **Attach an explanation for any "NO" answers.**

July -September YES NO October-December YES NO
January-March YES NO April-June YES NO

b. Based upon the quarterly visual observations, were any unauthorized non-storm water discharges detected?

YES NO Go to item F.2.d

c. Have each of the unauthorized non-storm water discharges been eliminated or permitted?

YES NO **Attach explanation**

d. Use **Form 3** to report quarterly unauthorized non-storm water discharge visual observations or provide the following information.

- i. name of each unauthorized non-storm water discharge.
- ii. date and time of observation.
- iii. source and location of each unauthorized non-storm water discharge.
- iv. characteristics of the discharge at its source and impacted drainage area/discharge location.
- v. name, title, and signature of observer.
- vi. **any** corrective actions necessary to eliminate the source of each unauthorized non-storm water discharge and to clean impacted drainage areas. Provide date unauthorized non-storm water discharge(s) was eliminated or scheduled to be eliminated.

G. MONTHLY WET SEASON VISUAL OBSERVATIONS

Section B.4.a of the General Permit requires you to conduct monthly visual observations of storm water discharges at all storm water discharge locations during the wet season. These observations shall occur during the first hour of discharge or, in the case of temporarily stored or contained storm water, at the time of discharge.

1. Indicate below whether monthly visual observations of storm water discharges occurred at all discharge locations. **Attach an explanation for any "NO" answers.** Include in this explanation whether any eligible storm events occurred during scheduled facility operating hours that did not result in a storm water discharge, and provide the date, time, name and title of the person who observed that there was no storm water discharge.

	YES	NO		YES	NO
October	<input checked="" type="checkbox"/>	<input type="checkbox"/>	February	<input checked="" type="checkbox"/>	<input type="checkbox"/>
November	<input checked="" type="checkbox"/>	<input type="checkbox"/>	March	<input checked="" type="checkbox"/>	<input type="checkbox"/>
December	<input checked="" type="checkbox"/>	<input type="checkbox"/>	April	<input checked="" type="checkbox"/>	<input type="checkbox"/>
January	<input checked="" type="checkbox"/>	<input type="checkbox"/>	May	<input checked="" type="checkbox"/>	<input type="checkbox"/>

2. Report monthly wet season visual observations using **Form 4** or provide the following information.
 - a. date, time, and location of observation
 - b. name and title of observer
 - c. characteristics of the discharge (i.e., odor, color, etc.) and source of any pollutants observed.
 - d. **any** new or revised BMPs necessary to reduce or prevent pollutants in storm water discharges. Provide new or revised BMP implementation date.

ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION (ACSCE)

H. ACSCE CHECKLIST

Section A.9 of the General Permit requires the facility operator to conduct one ACSCE in each reporting period (July 1-June 30). Evaluations must be conducted within 8-16 months of each other. The SWPPP and monitoring program shall be revised and implemented, as necessary, within 90 days of the evaluation. The checklist below includes the minimum steps necessary to complete a ACSCE. Indicate whether you have performed each step below. **Attach an explanation for any "NO" answers.**

1. Have you inspected all potential pollutant sources and industrial activities areas? YES NO
The following areas should be inspected:

<ul style="list-style-type: none"> • areas where spills and leaks have occurred during the last year. • outdoor wash and rinse areas. • process/manufacturing areas. • loading, unloading, and transfer areas. • waste storage/disposal areas. • dust/particulate generating areas. • erosion areas. 	<ul style="list-style-type: none"> • building repair, remodeling, and construction • material storage areas • vehicle/equipment storage areas • truck parking and access areas • rooftop equipment areas • vehicle fueling/maintenance areas • non-storm water discharge generating areas
---	--
2. Have you reviewed your SWPPP to assure that its BMPs address existing potential pollutant sources and industrial activities areas? YES NO
3. Have you inspected the entire facility to verify that the SWPPP's site map, is up-to-date? The following site map items should be verified: YES NO

<ul style="list-style-type: none"> • facility boundaries • outline of all storm water drainage areas • areas impacted by run-on 	<ul style="list-style-type: none"> • storm water discharges locations • storm water collection and conveyance system • structural control measures such as catch basins, berms, containment areas, oil/water separators, etc.
--	--

4. Have you reviewed all General Permit compliance records generated since the last annual evaluation? YES NO

The following records should be reviewed:

- quarterly authorized non-storm water discharge visual observations
- monthly storm water discharge visual observation
- records of spills/leaks and associated clean-up/response activities
- quarterly unauthorized non-storm water discharge visual observations
- Sampling and Analysis records
- preventative maintenance inspection and maintenance records

5. Have you reviewed the major elements of the SWPPP to assure compliance with the General Permit? YES NO

The following SWPPP items should be reviewed:

- pollution prevention team
- list of significant materials
- description of potential pollutant sources
- assessment of potential pollutant sources
- identification and description of the BMPs to be implemented for each potential pollutant source

6. Have you reviewed your SWPPP to assure that a) the BMPs are adequate in reducing or preventing pollutants in storm water discharges and authorized non-storm water discharges, and b) the BMPs are being implemented? YES NO

The following BMP categories should be reviewed:

- good housekeeping practices
- spill response
- employee training
- erosion control
- quality assurance
- preventative maintenance
- material handling and storage practices
- waste handling/storage
- structural BMPs

7. Has all material handling equipment and equipment needed to implement the SWPPP been inspected? YES NO

I. ACSCE EVALUATION REPORT

The facility operator is required to provide an evaluation report that includes:

- identification of personnel performing the evaluation
- the date(s) of the evaluation
- necessary SWPPP revisions
- schedule for implementing SWPPP revisions
- any incidents of non-compliance and the corrective actions taken.

Use **Form 5** to report the results of your evaluation or develop an equivalent form.

J. ACSCE CERTIFICATION

The facility operator is required to certify compliance with the Industrial Activities Storm Water General Permit. To certify compliance, both the SWPPP and Monitoring Program must be up to date and be fully implemented.

Based upon your ACSCE, do you certify compliance with the Industrial Activities Storm Water General Permit?

- YES NO

If you answered "NO" **attach an explanation** to the ACSCE Evaluation Report why you are not in compliance with the Industrial Activities Storm Water General Permit.

ATTACHMENT SUMMARY

Answer the questions below to help you determine what should be attached to this annual report. Answer NA (Not Applicable) to questions 2-4 if you are not required to provide those attachments.

- 1. Have you attached Forms 1,2,3,4, and 5 or their equivalent? YES (Mandatory)
- 2. If you conducted sampling and analysis, have you attached the laboratory analytical reports? YES NO NA
- 3. If you checked box II, III, IV, or V in item D.2 of this Annual Report, have you attached the first page of the appropriate certifications? YES NO NA
- 4. Have you attached an explanation for each "NO" answer in items E.1, E.2, E.5-E.7, E.9, E.10.c, F.1.b, F.2.a, F.2.c, G.1, H.1-H.7, or J? YES NO NA

ANNUAL REPORT CERTIFICATION

I am duly authorized to sign reports required by the INDUSTRIAL ACTIVITIES STORM WATER GENERAL PERMIT (see Standard Provision C.9) and I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those person directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Printed Name: SHARON VIDAL
Signature: Sharon Vidal Date: 01/18/2002
Title: SR. ASSOC I, EHS

2001-2002
ANNUAL REPORT

DESCRIPTION OF BASIC ANALYTICAL PARAMETERS

The Industrial Activities Storm Water General Permit (General Permit) requires you to analyze storm water samples for at least four parameters. These are pH, Total Suspended Solids (TSS), Specific Conductance (SC), and Total Organic Carbon (TOC). Oil and Grease (O&G) may be substituted for TOC. In addition, you must monitor for any other pollutants which you believe to be present in your storm water discharge as a result of industrial activity and analytical parameters listed in Table D of the General Permit. There are no numeric limitations for the parameters you test for.

The four parameters which the General Permit requires to be tested are considered *indicator* parameters. In other words, regardless of what type of facility you operate, these parameters are nonspecific and general enough to usually provide some indication whether pollutants are present in your storm water discharge. The following briefly explains what each of these parameters mean:

pH is a numeric measure of the hydrogen-ion concentration. The neutral, or acceptable, range is within 6.5 to 8.5. At values less than 6.5, the water is considered acidic; above 8.5 it is considered alkaline or basic. An example of an acidic substance is vinegar, and a alkaline or basic substance is liquid antacid. Pure rainfall tends to have a pH of a little less than 7. There may be sources of materials or industrial activities which could increase or decrease the pH of your storm water discharge. If the pH levels of your storm water discharge are high or low, you should conduct a thorough evaluation of all potential pollutant sources at your site.

Total Suspended Solids (TSS) is a measure of the undissolved solids that are present in your storm water discharge. Sources of TSS include sediment from erosion of exposed land, and dirt from impervious (i.e. paved) areas. Sediment by itself can be very toxic to aquatic life because it covers feeding and breeding grounds, and can smother organisms living on the bottom of a water body. Toxic chemicals and other pollutants also adhere to sediment particles. This provides a medium by which toxic or other pollutants end up in our water ways and ultimately in human and aquatic life. TSS levels vary in runoff from undisturbed land. It has been shown that TSS levels increase significantly due to land development.

Specific Conductance (SC) is a numerical expression of the ability of the water to carry an electric current. SC can be used to assess the degree of mineralization, salinity, or estimate the total dissolved solids concentration of a water sample. Because of air pollution, most rain water has a SC a little above zero. A high SC could affect the usability of waters for drinking, irrigation, and other commercial or industrial use.

Total Organic Carbon (TOC) is a measure of the total organic matter present in water. (All organic matter contains carbon) This test is sensitive and able to detect small concentrations of organic matter. Organic matter is naturally occurring in animals, plants, and man. Organic matter may also be man made (so called synthetic organics). Synthetic organics include pesticides, fuels, solvents, and paints. Natural organic matter utilizes the oxygen in a receiving water to biodegrade. Too much organic matter could place a significant oxygen demand on the water, and possibly impact its quality. Synthetic organics either do not biodegrade or biodegrade very slowly. Synthetic organics are a source of toxic chemicals that can have adverse affects at very low concentrations. Some of these chemicals bioaccumulate in aquatic life. If your levels of TOC are high, you should evaluate all sources of natural or synthetic organics you may use at your site.

Oil and Grease (O&G) is a measure of the amount of oil and grease present in your storm water discharge. At very low concentrations, O&G can cause a sheen (that floating "rainbow") on the surface of water (1 qt. of oil can pollute 250,000 gallons of water). O&G can adversely affect aquatic life and create unsightly floating material and film on water, thus making it undrinkable. Sources of O&G include maintenance shops, vehicles, machines and roadways.

If you have any questions regarding whether or not your constituent concentrations are too high, please contact your local Regional Board office. The United States Environmental Protection Agency (USEPA) has published stormwater discharge benchmarks for a number of parameters. These benchmarks may be helpful when evaluating whether additional BMPs are appropriate. These benchmarks can be accessed at our website at <http://www.swrcb.ca.gov>. It is contained in the Sampling and Analysis Reduction Certification.

See Storm Water Contacts at

<http://www.swrcb.ca.gov/stormwtr/contact.html>

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FORM 1-SAMPLING & ANALYSIS RESULTS

FIRST STORM EVENT

SIDE A

- If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: < 0.5)
- If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank.
- When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box.
- Make additional copies of this form as necessary.

NAME OF PERSON COLLECTING SAMPLE(S): Ray Graham TITLE: ASST MGR SIGNATURE: 

DESCRIBE DISCHARGE LOCATION Example: NW Out Fall	DATE/TIME OF SAMPLE COLLECTION	TIME DISCHARGE STARTED	ANALYTICAL RESULTS For First Storm Event												
			BASIC PARAMETERS					OTHER PARAMETERS							
			pH	TSS	SC	O&G	TOC								
OUTFALL # 2 SE CORNER OF PROPERTY	11/13/01 8:30 AM	8:00 AM	7.97	5 mg/L	2170 umol/cm	<1.0 mg/L	9.0 mg/L								
TEST REPORTING UNITS:			pH Units	mg/l	umho/cm	mg/l	mg/l								
TEST METHOD DETECTION LIMIT:			.05	1.0 ppm	1.0 ppm	1.0 ppm	.5 ppm								
TEST METHOD USED:			EPA	EPA	EPA	EPA	EPA								
			150.1	100.2	120.1	100.4	415.2								
ANALYZED BY (SELF/LAB)			D-TEL	D-TXL	D-TXL	D-TXL	D-TXL								

TSS - Total Suspended Solids SC - Specific Conductance O&G - Oil & Grease TOC - Total Organic Carbon


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FORM 1-SAMPLING & ANALYSIS RESULTS

SIDE B

SECOND STORM EVENT

- If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: <.05)
- If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank
- When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box.
- Make additional copies of this form as necessary.

NAME OF PERSON COLLECTING SAMPLE(S): Rex Beaman TITLE: Resol II, GHS SIGNATURE: 

DESCRIBE DISCHARGE LOCATION Example: NW Out Fall	DATE/TIME OF SAMPLE COLLECTION	TIME DISCHARGE STARTED	ANALYTICAL RESULTS For First Storm Event					OTHER PARAMETERS							
			BASIC PARAMETERS												
			pH	TSS	SC	O&G	TOC								
D-TRAIL # 2 SE Corner of PARKWAY	1/29/02 9:00 AM <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	8:30 AM <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	6.75	88	1280	1.5	07.5								
TEST REPORTING UNITS:			pH Units	mg/l	umho/cm	mg/l	mg/l								
TEST METHOD DETECTION LIMIT:			.05	1.0 ppm	1.0 ppm	1.0 ppm	.5 ppm								
TEST METHOD USED:			EPA 150.1	EPA 160.2	CMA 120.1	EPA 413.1	EPA 415.2								
ANALYZED BY (SELF/AB):	D-TEK LABORATORIES		D-TEK	D-TEK	D-TEK	D-TEK	D-TEK								

TSS - Total Suspended Solids SC - Specific Conductance O&G - Oil & Grease TOC - Total Organic Carbon

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FORM 1-SAMPLING & ANALYSIS RESULTS

SECOND STORM EVENT

SIDE B

- If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: <.05)
- If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank.
- When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box.
- Make additional copies of this form as necessary.

NAME OF PERSON COLLECTING SAMPLE(S): Suzann Vidal TITLE: Sr. Assoc F, EHS SIGNATURE: Suzann Vidal

DESCRIBE DISCHARGE LOCATION Example: NW Out Fall	DATE/TIME OF SAMPLE COLLECTION	TIME DISCHARGE STARTED	ANALYTICAL RESULTS For First Storm Event					OTHER PARAMETERS							
			BASIC PARAMETERS												
			pH	TSS	SC	O&G	TOC								
OUTFALL # 2 SE Downra of PROPERTY	3/7/02 11:58 AM <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	11:00 AM <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	7.05	134	760	5.2	102								
TEST REPORTING UNITS:			pH Units	mg/l	umho/cm	mg/l	mg/l								
TEST METHOD DETECTION LIMIT:			.05	1.0 ppm	1.0 ppm	1.0 ppm	.5 ppm								
TEST METHOD USED:			EPA	EPA	EPA	EPA	EPA								
ANALYZED BY (SELF/LAB):			D-TEL	D-TBL	D-TEL	D-TEL	D-TEL								

TSS - Total Suspended Solids

SC - Specific Conductance

O&G - Oil & Grease

TOC - Total Organic Carbon

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FORM 1-SAMPLING & ANALYSIS RESULTS

SECOND STORM EVENT

SIDE B

- If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: <.05)
- If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank.
- When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box.
- Make additional copies of this form as necessary.

NAME OF PERSON COLLECTING SAMPLE(S): Sharon Vidal TITLE: Sr. Steve J. Elias SIGNATURE: Sharon Vidal

DESCRIBE DISCHARGE LOCATION Example: NW Out-Fall	DATE/TIME OF SAMPLE COLLECTION	TIME DISCHARGE STARTED	ANALYTICAL RESULTS For First Storm Event					OTHER PARAMETERS							
			BASIC PARAMETERS												
			pH	TSS	SC	O&G	TOC								
OUTFALL # 2 SE CORNER OF PROPERTY	4/24/02 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	11:30 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	6.32	43	195	<1.0	.1								
OUTFALL # 3 NE CORNER OF PROPERTY	4/24/02 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	11:30 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	6.14	29	58.2	<1.0	.1								
TEST REPORTING UNITS:			pH Units	mg/l	umho/cm	mg/l	mg/l								
TEST METHOD DETECTION LIMIT:			.05	1.0 ppm	1.0 ppm	1.0 ppm	.5 ppm								
TEST METHOD USED:			EPA 150.1	EPA 160.2	EPA 120.1	EPA 413.1	EPA 415.2								
ANALYZED BY (SELF/ABI):			D-TEL	D-TEL	D-TEL	D-TEL	D-TEL								

TSS - Total Suspended Solids

SC - Specific Conductance

O&G - Oil & Grease

TOC - Total Organic Carbon

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FORM 2-QUARTERLY VISUAL OBSERVATIONS OF AUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)

NOT APPLICABLE

SIDE A

- Quarterly dry weather visual observations are required of each authorized NSWD.
- Observe each authorized NSWD source, impacted drainage area, and discharge location.
- Authorized NSWDs must meet the conditions provided in Section D (pages 5-6), of the General Permit.
- Make additional copies of this form as necessary.

<p>QUARTER: JULY-SEPT.</p> <p>DATE: _____</p>	<p>Observers Name: _____</p> <p>Title: _____</p> <p>Signature: _____</p>	<p>WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER?</p> <p><input type="checkbox"/> YES If YES, complete reverse side of this form.</p> <p><input type="checkbox"/> NO</p>
<p>QUARTER: OCT.-DEC.</p> <p>DATE: _____</p>	<p>Observers Name: _____</p> <p>Title: _____</p> <p>Signature: _____</p>	<p>WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER?</p> <p><input type="checkbox"/> YES If YES, complete reverse side of this form.</p> <p><input type="checkbox"/> NO</p>
<p>QUARTER: JAN.-MARCH</p> <p>DATE: _____</p>	<p>Observers Name: _____</p> <p>Title: _____</p> <p>Signature: _____</p>	<p>WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER?</p> <p><input type="checkbox"/> YES If YES, complete reverse side of this form.</p> <p><input type="checkbox"/> NO</p>
<p>QUARTER: APRIL-JUNE</p> <p>DATE: _____</p>	<p>Observers Name: _____</p> <p>Title: _____</p> <p>Signature: _____</p>	<p>WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER?</p> <p><input type="checkbox"/> YES If YES, complete reverse side of this form.</p> <p><input type="checkbox"/> NO</p>

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FORM 2-QUARTERLY VISUAL OBSERVATIONS OF AUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)

NOT APPLICABLE

SIDE B


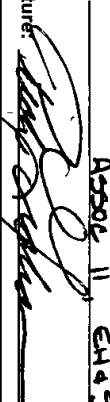
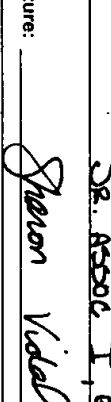
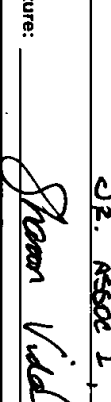
DATE / TIME OF OBSERVATION	SOURCE AND LOCATION OF AUTHORIZED NSWD	NAME OF AUTHORIZED NSWD	DESCRIBE AUTHORIZED NSWD CHARACTERISTICS		DESCRIBE ANY REVISED OR NEW BMPs AND PROVIDE THEIR IMPLEMENTATION DATE
			At the NSWD Source	At the NSWD Drainage Area and Discharge Location	
_____ <input type="checkbox"/> AM <input type="checkbox"/> PM	<u>EXAMPLE:</u> Air conditioner Units on Building C	<u>EXAMPLE:</u> Air conditioner condensate			
_____ <input type="checkbox"/> AM <input type="checkbox"/> PM					
_____ <input type="checkbox"/> AM <input type="checkbox"/> PM					
_____ <input type="checkbox"/> AM <input type="checkbox"/> PM					
_____ <input type="checkbox"/> AM <input type="checkbox"/> PM					

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FORM 3-QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)

SIDE A

- Unauthorized NSWDs are discharges (such as wash or rinse waters) that do not meet the conditions provided in Section D (pages 5-6) of the General Permit.
- Quarterly visual observations are required to observe current and detect prior unauthorized NSWDs.
- Quarterly visual observations are required during dry weather and at all facility drainage areas.
- Each unauthorized NSWD source, impacted drainage area, and discharge location must be identified and observed.
- Unauthorized NSWDs that can not be eliminated within 90 days of observation must be reported to the Regional Board in accordance with Section A.10.e of the General Permit.
- Make additional copies of this form as necessary.

<p>QUARTER: JULY-SEPT.</p> <p>DATE/TIME OF OBSERVATIONS 7/18/01 10:00 AM <input checked="" type="checkbox"/> AM 8/21/01 9:00 PM <input type="checkbox"/> PM 9/17/01 11:00 PM <input type="checkbox"/> PM</p>	<p>Observers Name: <u>Rex Graham</u> Title: <u>Assoc II, EHS</u> Signature: </p>	<p>WERE UNAUTHORIZED NSWDs OBSERVED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>If YES to either question, complete reverse side.</p>
<p>QUARTER: OCT.-DEC.</p> <p>DATE/TIME OF OBSERVATIONS 10/18/01 10:30 AM <input checked="" type="checkbox"/> AM 11/15/01 9:30 PM <input type="checkbox"/> PM 12/15/01 8:30 PM <input type="checkbox"/> PM</p>	<p>Observers Name: <u>Rex Graham</u> Title: <u>Assoc II, EHS</u> Signature: </p>	<p>WERE UNAUTHORIZED NSWDs OBSERVED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>If YES to either question, complete reverse side.</p>
<p>QUARTER: JAN.-MARCH</p> <p>DATE/TIME OF OBSERVATIONS 1/15/02 8:40 AM <input type="checkbox"/> AM 2/19/02 2:10 PM <input type="checkbox"/> PM 3/15/02 11:45 AM <input type="checkbox"/> AM</p>	<p>Observers Name: <u>Swaron Vidal</u> Title: <u>Sr. Assoc I, EHS</u> Signature: </p>	<p>WERE UNAUTHORIZED NSWDs OBSERVED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>If YES to either question, complete reverse side.</p>
<p>QUARTER: APRIL-JUNE</p> <p>DATE/TIME OF OBSERVATIONS 4/17/02 1:45 PM <input type="checkbox"/> AM 5/17/02 10:00 AM <input type="checkbox"/> PM 6/17/02 1:00 PM <input type="checkbox"/> PM</p>	<p>Observers Name: <u>Swaron Vidal</u> Title: <u>Sr. Assoc I, EHS</u> Signature: </p>	<p>WERE UNAUTHORIZED NSWDs OBSERVED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>If YES to either question, complete reverse side.</p>

**FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)**

NDR APPENDIX C

SIDE B

OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD	SOURCE AND LOCATION OF UNAUTHORIZED NSWD	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS		DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
			AT THE UNAUTHORIZED NSWD SOURCE	AT THE UNAUTHORIZED NSWD AREA AND DISCHARGE LOCATION	
<input type="checkbox"/> AM <input type="checkbox"/> PM	EXAMPLE: Vehicle Wash Water	EXAMPLE: NW Corner of Parking Lot			
<input type="checkbox"/> AM <input type="checkbox"/> PM					
<input type="checkbox"/> AM <input type="checkbox"/> PM					
<input type="checkbox"/> AM <input type="checkbox"/> PM					

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FORM 4-MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES

SIDE A

* SEE ATTACHED VISUAL OBSERVATION DESCRIPTIONS

- Storm water discharge visual observations are required for at least one storm event per month between October 1 and May 31.
- Visual observations must be conducted during the first hour of discharge at all discharge locations.
- Discharges of temporarily stored or contained storm water must be observed at the time of discharge.

Observation Date:	Observer Name:	Title:	Signature:	Drainage Location Description	Observation Time	Time Discharge Began	Were Pollutants Observed (If yes, complete reverse side)	#1	#2	#3	#4						
October 18, 2001	Rick Graham	Assoc. II EHS		#1 OUTFALL #1 PARKING LOT CORNER NORTHWEST CORNER	10:30 <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	NO STORM EVENT NOT APPLICABLE <input type="checkbox"/> A.M.	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	#2 OUTFALL #2 SOUTHWEST CORNER OF PROPERTY	10:30 <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	NO STORM EVENT NOT APPLICABLE <input type="checkbox"/> A.M.	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	#3 OUTFALL #3 NORTHWEST CORNER OF PROPERTY	10:30 <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	NO STORM EVENT NOT APPLICABLE <input type="checkbox"/> A.M.	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	#4	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
November 13, 2001	Rick Graham	Assoc. II EHS		#1 OUTFALL #1 PARKING LOT CORNER NORTHWEST CORNER	8:30 <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	8:00 <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	#2 OUTFALL #2 SOUTHWEST CORNER OF PROPERTY	8:30 <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	8:00 <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	#3 OUTFALL #3 NORTHWEST CORNER OF PROPERTY	8:30 <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	8:00 <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	#4	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
December 15, 2001	Rick Graham	Assoc. II EHS		#1 OUTFALL #1 PARKING LOT CORNER NORTHWEST CORNER	8:30 <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	NO STORM EVENT NOT APPLICABLE <input type="checkbox"/> A.M.	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	#2 OUTFALL #2 SOUTHWEST CORNER OF PROPERTY	8:30 <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	NOT APPLICABLE <input type="checkbox"/> A.M.	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	#3 OUTFALL #3 NORTHWEST CORNER OF PROPERTY	8:30 <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	NOT APPLICABLE <input type="checkbox"/> A.M.	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	#4	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
January 29, 2002	Rick Graham	Assoc. II EHS		#1 OUTFALL #1	9:00 <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	8:30 <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	#2 OUTFALL #2	9:00 <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	8:30 <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	#3 OUTFALL #3	9:00 <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	8:30 <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	#4	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.

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FORM 4-MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES

SIDE B

DATE/TIME OF OBSERVATION (From Reverse Side)	DRAINAGE AREA DESCRIPTION	DESCRIBE STORM WATER DISCHARGE CHARACTERISTICS	IDENTIFY AND DESCRIBE SOURCE(S) OF POLLUTANTS	DESCRIBE ANY REVISED OR NEW BMPs AND THEIR DATE OF IMPLEMENTATION
11/13/01 8:30 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	OUTFALL # 1 # 2 # 3	Indicate whether storm water discharge is clear, cloudy, or discolored; causing staining; containing floating objects or an oil sheen, has odors, etc. # 1: ODDORLESS, COLORELESS, NO DEBRIS # 2: ODDORLESS, COLORELESS, NO DEBRIS # 3: ODDORLESS, COLORELESS, NO DEBRIS	EXAMPLE: Oil sheen caused by oil dripped by trucks in vehicle maintenance area. NO POLLUTANTS OBSERVED	N/A
1/29/02 9:00 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	OUTFALL # 1 # 2 # 3	# 1: ODDORLESS, COLORELESS, NO DEBRIS # 2: ODDORLESS, COLORELESS, NO DEBRIS # 3: ODDORLESS, COLORELESS, NO DEBRIS	NO POLLUTANTS OBSERVED	N/A
— — — <input type="checkbox"/> AM <input type="checkbox"/> PM	— — —	— — —	— — —	— — —
— — — <input type="checkbox"/> AM <input type="checkbox"/> PM	— — —	— — —	— — —	— — —
— — — <input type="checkbox"/> AM <input type="checkbox"/> PM	— — —	— — —	— — —	— — —

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FORM 4 (Continued)-MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES

* SEE ATTACHED
VISUAL OBSERVATIONS
DESCRIPTIONS

SIDE A

- Storm water discharge visual observations are required for at least one storm event per month between October 1 and May 31.
- Visual observations must be conducted during the first hour of discharge at all discharge locations.
- Discharges of temporarily stored or contained storm water must be observed at the time of discharge.
- Indicate "None" in the first column of this form if you did not conduct a monthly visual observation.
- Make additional copies of this form as necessary.
- Until a monthly visual observation is made, record any eligible storm events that do not result in a storm water discharge and note the date, time, name, and title of who observed there was no storm water discharge.

Observation Date: February 19 2002 Observers Name: SUARON VIDAL Title: SR. ASSESS I, EHS Signature: Sharon Vidal		Drainage Location Description #1 OUTFALL # 1 PREVIOUS LOT CREATE NOISES - CORNER OF PROPERTY	#2 OUTFALL # 2 SOUTHWEST CORNER OF PROPERTY	#3 OUTFALL # 3 NORTHWEST CORNER OF PROPERTY	#4
Observation Time 2:10	<input checked="" type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input checked="" type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input checked="" type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input checked="" type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Time Discharge Began NOT APPLICABLE	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	NOT APPLICABLE	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	NOT APPLICABLE	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Were Pollutants Observed NO STORM EVENT	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	NO STORM EVENT	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	NO STORM EVENT	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Observation Date: March 7 2002 Observers Name: SUARON VIDAL Title: SR. ASSESS I, EHS Signature: Sharon Vidal		Drainage Location Description #1 OUTFALL # 1	#2 OUTFALL # 2	#3 OUTFALL # 3	#4
Observation Time 11:58	<input checked="" type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input checked="" type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input checked="" type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input checked="" type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Time Discharge Began 11:00	<input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	11:58	<input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	11:58	<input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.
Were Pollutants Observed YES	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	YES	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	YES	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Observation Date: April 24 2002 Observers Name: SUARON VIDAL Title: SR. ASSESS I, EHS Signature: Sharon Vidal		Drainage Location Description #1 OUTFALL # 1	#2 OUTFALL # 2	#3 OUTFALL # 3	#4
Observation Time 10:05	<input checked="" type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input checked="" type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input checked="" type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input checked="" type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Time Discharge Began 11:30	<input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	10:05	<input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	10:05	<input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.
Were Pollutants Observed YES	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	YES	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	YES	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Observation Date: May 17 2002 Observers Name: SUARON VIDAL Title: SR. ASSESS I, EHS Signature: Sharon Vidal		Drainage Location Description #1 OUTFALL # 1	#2 OUTFALL # 2	#3 OUTFALL # 3	#4
Observation Time 10:00	<input checked="" type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input checked="" type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input checked="" type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input checked="" type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Time Discharge Began NOT APPLICABLE	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	10:00	<input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	10:00	<input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.
Were Pollutants Observed NO STORM EVENT	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	NO STORM EVENT	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	NO STORM EVENT	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

FORM 4 (Continued)-MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES

DATE/TIME OF OBSERVATION (From Reverse Side)	DRAINAGE AREA DESCRIPTION	DESCRIBE STORM WATER DISCHARGE CHARACTERISTICS	IDENTIFY AND DESCRIBE SOURCE(S) OF POLLUTANTS	DESCRIBE ANY REVISED OR NEW BMPs AND THEIR DATE OF IMPLEMENTATION
3/7/02 11:58 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	OUTFALL # 1 # 2 # 3	Indicate whether storm water discharge is clear, cloudy, or discolored; causing staining; containing floating objects or an oil sheen, has odors, etc. #1: ODDORLESS, COLORLESS, NO DEBRIS #2: ODDORLESS, COLORLESS, NO DEBRIS #3: ODDORLESS, COLORLESS, NO DEBRIS	EXAMPLE: Oil sheen caused by oil dripped by trucks in vehicle maintenance area. NO POLLUTANTS OBSERVED	N/A
4/24/02 12:05 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	OUTFALL # 1 # 2 # 3	#1: ODDORLESS, COLORLESS, NO DEBRIS #2: ODDORLESS, COLORLESS, NO DEBRIS #3: ODDORLESS, COLORLESS, NO DEBRIS	NO POLLUTANTS OBSERVED	N/A
_____ <input type="checkbox"/> AM <input type="checkbox"/> PM	_____ <input type="checkbox"/> AM <input type="checkbox"/> PM	_____ <input type="checkbox"/> AM <input type="checkbox"/> PM	_____ <input type="checkbox"/> AM <input type="checkbox"/> PM	_____ <input type="checkbox"/> AM <input type="checkbox"/> PM
_____ <input type="checkbox"/> AM <input type="checkbox"/> PM	_____ <input type="checkbox"/> AM <input type="checkbox"/> PM	_____ <input type="checkbox"/> AM <input type="checkbox"/> PM	_____ <input type="checkbox"/> AM <input type="checkbox"/> PM	_____ <input type="checkbox"/> AM <input type="checkbox"/> PM
_____ <input type="checkbox"/> AM <input type="checkbox"/> PM	_____ <input type="checkbox"/> AM <input type="checkbox"/> PM	_____ <input type="checkbox"/> AM <input type="checkbox"/> PM	_____ <input type="checkbox"/> AM <input type="checkbox"/> PM	_____ <input type="checkbox"/> AM <input type="checkbox"/> PM

FORM 5-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS

EVALUATION DATE: APRIL 2002 INSPECTOR NAME: SHARON VIAL TITLE: SR. ASOC I, EHS SIGNATURE: Sharon Vial

POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?	ARE ADDITIONAL/REVISED BMPs NECESSARY?	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP implementation	Describe additional/revISED BMPs or corrective actions and their date(s) of implementation
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) Industrial Processes - Drug Manufacturing	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) HAZARDOUS WASTE STORAGE AREAS + HAZARDOUS WASTE STORAGE AREAS	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) MANUFACTURING WASTE MANAGEMENT SYSTEM (NEUTRALIZATION SYSTEM)	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) COPPER TONER, BOILER, & CHEMICALS (IN USE & STORAGE)	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP implementation	Describe additional/revISED BMPs or corrective actions and their date(s) of implementation

FORM 5 (Continued)-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS

EVALUATION DATE: April 2002 INSPECTOR NAME: Suzanne Vitek TITLE: Sr. Assoc. E. Eng. SIGNATURE: [Signature]

<p>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) Emergency Generator Fuel</p>	<p>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>ARE ADDITIONAL/REVISED BMPs NECESSARY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>If yes, to either question, complete the next two columns of this form</p>	<p>Describe deficiencies in BMPs or BMP implementation</p>	<p>Describe additional/revISED BMPs or corrective actions and their date(s) of implementation</p>
<p>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) Tank Receivances</p>	<p>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>ARE ADDITIONAL/REVISED BMPs NECESSARY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>If yes, to either question, complete the next two columns of this form</p>	<p>Describe deficiencies in BMPs or BMP implementation</p>	<p>Describe additional/revISED BMPs or corrective actions and their date(s) of implementation</p>
<p>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) OIL, GREASE, FUEL FROM DELIVERY EQUIP.</p>	<p>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>ARE ADDITIONAL/REVISED BMPs NECESSARY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>If yes, to either question, complete the next two columns of this form</p>	<p>Describe deficiencies in BMPs or BMP implementation</p>	<p>Describe additional/revISED BMPs or corrective actions and their date(s) of implementation</p>
<p>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) CLEANING - MOP BEST MATERIALS</p>	<p>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>ARE ADDITIONAL/REVISED BMPs NECESSARY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>If yes, to either question, complete the next two columns of this form</p>	<p>Describe deficiencies in BMPs or BMP implementation</p>	<p>Describe additional/revISED BMPs or corrective actions and their date(s) of implementation</p>

D-TEK ANALYTICAL LABORATORIES, INC.
9020 Kenamar Drive, Suite 205
San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

IDEC Pharmaceuticals Corp.
11011 Torreyana Rd.
San Diego, CA 92121

Date Sampled: 01/29/02
Date Received: 01/30/02
Date Reported: 02/07/02

Attn: Rick Graham

Project ID: N/A
Log Number: 02-321
Sample ID: IDEC Storm water #2

The following are attached:

- * Analytical Report
- * Quality Control Report
- * Chain-of-Custody

Testing was conducted using EPA or equivalent methods approved by the State of California Department of Health Services. All applicable QC met the required acceptance criteria.

Thank you for choosing D-TEK to serve your analytical needs!

Reviewed and approved:



Ellen Atienza
Operations Manager

D-TEK ANALYTICAL LABORATORIES, INC.
9020 Kenamar Drive, Suite 205
San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

QUALITY CONTROL DATA REPORT

Attention: Rick Graham
IDEC Pharmaceuticals Corp.

Report Date: 02/07/02

Log Number: 02-321

- * **LCS** - Laboratory Control Sample. The LCS is a blank spiked with a known amount of method analyte(s) obtained from independent standards and is carried through all sample preparation and analytical procedures. Recoveries are calculated in order to evaluate method accuracy.
- * **Spike** - The spike is an actual sample spiked with a known amount of method analyte(s) and is carried through all sample preparation and analytical procedures. Recoveries are calculated in order to evaluate potential matrix interferences.
- * **RPD** = Rel % Difference = $((\text{Result 1} - \text{Result 2}) / \text{Average Result}) \times 100\%$
The RPD provides a measure of method precision by comparing analytical results of 2 duplicate samples.
- * **% Recovery** = $((\text{Spike Sample Result} - \text{Sample Result}) / \text{Spike Conc}) \times 100\%$
The result of the unspiked sample is treated as zero if it is less than established reporting limits.

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9020 Kenamar Drive, Suite 205
San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

QUALITY CONTROL DATA REPORT
Method(s): Inorganics

Attention: Rick Graham
IDEC Pharmaceuticals Corp.

Report Date: 02/07/02

Log Number: 02-321

Analysis	Method	LCS % Recovery	Spike % Recovery	Duplicate RPD
Oil & Grease	EPA413.1	85		
TOC	EPA415.2	99	100	5

CHAIN OF CUSTODY

(858) 566-4540, FAX (858) 566-4542

D-TEK LOG #:

TO #:

CUSTOMER INFORMATION

PROJECT INFORMATION

ANALYSIS REQUEST

COMPANY: *TRC Environmental Services*

PROJECT NAME/NUMBER

PROJECT MANAGER:

BILLING INFORMATION

ADDRESS: *11611 Torreyana Rd. San Diego 92121*

BILL TO:

PHONE: *(858) 431-8950*

ADDRESS: *TRC Environmental Services
3030 Camino del Rio
San Diego, CA 92108*

FAX: *(858) 431-8750*

PHONE: *(858) 431-8800*

D-TEK LOG #

SAMPLE # / SAMPLE IDENTIFICATION

SAMPLE DATE

#

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S

02-0321 1. TRC Sample (#2 for) 1-29-02 9:00am X 1300

STORM WATER

TOC

Oil + Grease

TSS

CONDUCTIVITY

PH

SAMPLE INTEGRITY

MEETS HOLDING TIME ?

Y/N

Y/N

Y/N

Y/N

Y/N

Y/N

Y/N

Y/N

Y/N

Y/N

Y/N

Y/N

1. RELINQUISHED BY

2. RELINQUISHED BY

3. RELINQUISHED BY

SAMPLE RECEIPT

SPECIAL INSTRUCTIONS

DATE AND TIME: *1-30-02 11:00am*

DATE AND TIME: *1-30-02*

DATE AND TIME:

RECEIVED IN ICE? YES/NO

TAPE SEAL INTACT Y/N/NA

SIGNATURE: *Bill Gattaman*

SIGNATURE: *Donald Rupper*

SIGNATURE:

PRESENTATIVE YES/NO/NA

PRECAUTIONS:

1. RECEIVED BY

2. RECEIVED BY

3. RECEIVED BY

PRECAUTIONS:

DATE AND TIME: *1-30-02 13:10*

DATE AND TIME: *1-30-02 13:32*

DATE AND TIME:

PRECAUTIONS:

SIGNATURE: *Donald Rupper*

SIGNATURE: *D. Rupper*

SIGNATURE:

PRECAUTIONS:

PRINTED NAME: *Donald Rupper*

PRINTED NAME: *D. Rupper*

PRINTED NAME:

PRECAUTIONS:

TAT

- ALL SAMPLES ARE SUBJECT TO TERMS AND CONDITIONS ON REVERSE SIDE -

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IDEC Pharmaceuticals Corp.
11011 Torreyana Rd.
San Diego, CA 92121

Date Sampled: 11/13/01
Date Received: 11/13/01
Date Reported: 11/28/01

Attn: Rick Graham

Project ID: N/A
Log Number: 01-5377
Sample ID: Idec Sample #1 Storm

2001 NOV 20 PM 2:29
STANDARD
CONTROL

The following are attached:

- * Analytical Report
- * Quality Control Report
- * Chain-of-Custody

Testing was conducted using EPA or equivalent methods approved by the State of California Department of Health Services. All applicable QC met the required acceptance criteria.

Thank you for choosing D-TEK to serve your analytical needs!

Reviewed and approved:


Ellen Atienza
Operations Manager

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San Diego, CA 92121
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IDEC Pharmaceuticals Corp.
11011 Torreyana Rd.
San Diego, CA 92121

Date Reported: 11/28/01
Date Sampled: 11/13/01
Date Received: 11/13/01
Sample Type: Water

Attn: Rick Graham

Project ID: N/A

Log Number: 01-5377
Sample ID: Idec Sample #1 Storm

ANALYTICAL RESULTS

Analysis	Results	Units	Method	Analyst/Date
Conductivity	2,170	umhos/cm	EPA120.1	DR 11/16/01
Oil & Grease	< 1.0	mg/L	EPA1664	LS 11/21/01
pH	7.97	----	EPA150.1	DR 11/14/01
TSS	5	mg/L	EPA160.2	DR 11/16/01
TOC	9.0	mg/L	EPA415.2	JV 11/15/01

D-TEK ANALYTICAL LABORATORIES, INC.
9020 Kenamar Drive, Suite 205
San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

QUALITY CONTROL DATA REPORT

Attention: Rick Graham
IDEC Pharmaceuticals Corp.

Report Date: 11/28/01

Log Number: 01-5377

- * **LCS** - Laboratory Control Sample. The LCS is a blank spiked with a known amount of method analyte(s) obtained from independent standards and is carried through all sample preparation and analytical procedures. Recoveries are calculated in order to evaluate method accuracy.
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The RPD provides a measure of method precision by comparing analytical results of 2 duplicate samples.
- * **% Recovery** = $((\text{Spike Sample Result} - \text{Sample Result}) / \text{Spike Conc}) \times 100\%$
The result of the unspiked sample is treated as zero if it is less than established reporting limits.

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9020 Kenamar Drive, Suite 205
San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

QUALITY CONTROL DATA REPORT
Method(s): Inorganics

Attention: Rick Graham
IDEC Pharmaceuticals Corp.

Report Date: 11/28/01

Log Number: 01-5377

Analysis	Method	LCS % Recovery	Spike % Recovery	Duplicate RPD
Oil & Grease	EPA1664	97		
TOC	EPA415.2	102	95	0

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IDEC Pharmaceuticals Corp.
3010 Science Park Road
San Diego, CA 92121

Date Sampled: 03/07/02
Date Received: 03/07/02
Date Reported: 03/19/02

Attn: Sharon Vidal

Project ID: N/A
Log Numbers: 02-727 through 02-730
Sample IDs: Sample #1 Stormwater through Sample #4 Stormwater

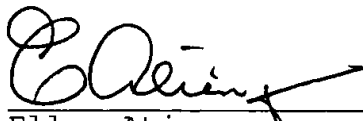
The following are attached:

- * Analytical Report
- * Quality Control Report
- * Chain-of-Custody

Testing was conducted using EPA or equivalent methods approved by the State of California Department of Health Services. All applicable QC met the required acceptance criteria.

Thank you for choosing D-TEK to serve your analytical needs!

Reviewed and approved:



Ellen Atienza
Operations Manager

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(858) 566-4540 FAX (858) 566-4542

IDEC Pharmaceuticals Corp.
3010 Science Park Road
San Diego, CA 92121

Date Reported: 03/19/02
Date Sampled: 03/07/02
Date Received: 03/07/02
Sample Type: Water

Attn: Sharon Vidal

Project ID: N/A

Log Number: 02-727
Sample ID: Sample #1 Stormwater

ANALYTICAL RESULTS

Analysis	Results	Units	Method	Analyst/Date
Oil & Grease	5.2	mg/L	EPA413.1	LS 03/12/01

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IDEC Pharmaceuticals Corp.
3010 Science Park Road
San Diego, CA 92121

Date Reported: 03/19/02
Date Sampled: 03/07/02
Date Received: 03/07/02
Sample Type: Water

Attn: Sharon Vidal

Project ID: N/A

Log Number: 02-728
Sample ID: Sample #2 Stormwater

ANALYTICAL RESULTS

Analysis	Results	Units	Method	Analyst/Date
TOC	102	mg/L	EPA415.2	JV 03/12/02

D-TEK ANALYTICAL LABORATORIES, INC.
9020 Kenamar Drive, Suite 205
San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

IDEC Pharmaceuticals Corp.
3010 Science Park Road
San Diego, CA 92121

Date Reported: 03/19/02
Date Sampled: 03/07/02
Date Received: 03/07/02
Sample Type: Water

Attn: Sharon Vidal

Project ID: N/A

Log Number: 02-729
Sample ID: Sample #3 Stormwater

ANALYTICAL RESULTS

Analysis	Results	Units	Method	Analyst/Date
ISS	134	mg/L	EPA160.2	AA 03/08/02

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IDEC Pharmaceuticals Corp.
3010 Science Park Road
San Diego, CA 92121

Date Reported: 03/19/02
Date Sampled: 03/07/02
Date Received: 03/07/02
Sample Type: Water

Attn: Sharon Vidal

Project ID: N/A

Log Number: 02-730
Sample ID: Sample #4 Stormwater

ANALYTICAL RESULTS

Analysis	Results	Units	Method	Analyst/Date
Conductivity	760	umhos/cm	EPA120.1	AA 03/08/02
pH	7.05	----	EPA150.1	AA 03/08/02

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9020 Kenamar Drive, Suite 205
San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

QUALITY CONTROL DATA REPORT

Attn: Sharon Vidal
IDEC Pharmaceuticals Corp.

Report Date: 03/19/02

Log Numbers: 02-727 through 02-730

- * **LCS** - Laboratory Control Sample. The LCS is a blank spiked with a known amount of method analyte(s) obtained from independent standards and is carried through all sample preparation and analytical procedures. Recoveries are calculated in order to evaluate method accuracy.
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- * **RPD** = Rel % Difference = $((\text{Result 1} - \text{Result 2}) / \text{Average Result}) \times 100\%$
The RPD provides a measure of method precision by comparing analytical results of 2 duplicate samples.
- * **% Recovery** = $((\text{Spike Sample Result} - \text{Sample Result}) / \text{Spike Conc}) \times 100\%$
The result of the unspiked sample is treated as zero if it is less than established reporting limits.

D-TEK ANALYTICAL LABORATORIES, INC.
9020 Kenamar Drive, Suite 205
San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

QUALITY CONTROL DATA REPORT
Method(s): Inorganics

Attn: Sharon Vidal
IDEC Pharmaceuticals Corp.

Report Date: 03/19/02

Log Numbers: 02-727 through 02-730

Analysis	Method	LCS % Recovery	Spike % Recovery	Duplicate RPD
Conductivity	EPA120.1	101		
Oil & Grease	EPA413.1	88		
TOC	EPA415.2	100	90	0

D-TEK Analytical Laboratories, Inc.
 9020 Kenamar Drive, Suite 205
 SAN DIEGO, CA 92121

CHAIN OF CUSTODY

(858) 566-4540, FAX (858) 566-4542

DATE: 3/7/02

PAGE 1 OF 1

0202284

CUSTOMER INFORMATION PROJECT INFORMATION D-TEK LOG #: ANALYSIS REQUEST

COMPANY: IDEC CONTACT PERSON: SUREN VIDAL
 PROJECT MANAGER: PHARMACEUTICALS CORP
 PROJECT MANAGER: SHARON VIDAL
 ADDRESS: 3010 Science Park Rd SD CA 92191
 CITY: SD ZIP: CA 92121
 PHONE: 858-431-8800

PROJECT NAME/NUMBER: IDEC Pharmaceuticals
 BILL TO: 3030 Calhoun Rd
 ADDRESS: SD CA 92121
 PHONE: 858-431-8800
 P.O. #:

D-TEK LOG #	SAMPLE # / SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAIN TYPE	OF	NO	OF	TESTS	RECEIVED IN CET	TAP
02-727	SAMPLE #1 STORAGE (in case)	3/7/02	11:58am			1	X				
02-728	SAMPLE #2 STORAGE (in case)	3/7/02	11:59am			1	X				
02-729	SAMPLE #3 STORAGE (in case)	3/7/02	12:01pm			1	X				
02-730	SAMPLE #4 STORAGE (in case)	3/7/02	12:02pm			1	X				

SAMPLE INTEGRITY	1. RELINQUISHED BY		2. RELINQUISHED BY		3. RELINQUISHED BY		SAMPLE RECEIPT		SPECIAL INSTRUCTIONS	
	DATE AND TIME	SIGNATURE	DATE AND TIME	SIGNATURE	DATE AND TIME	SIGNATURE	RECEIVED IN CET	TAP	Y/N	Y/N
	3/7/02 3:35 PM	Sharon Vidal	3/7/02 16:00	RC Swenson			Y/N	Y/N	Y/N	Y/N
		SHARON VIDAL		RC Swenson			Y/N	Y/N	Y/N	Y/N
	3/7/02 3:35 PM	RC Swenson	03/07/02 16:00	David P. Cherok			Y/N	Y/N	Y/N	Y/N
		RC Swenson		David P. Cherok			Y/N	Y/N	Y/N	Y/N

MEETS HOLDING TIME ?
 CORRECT CONTAINERS ?
 RECEIVED IN CET YES/NO
 TAPE SEAL INTACT Y/N/NA
 PRESERVATIVE YES/NO/NA
 PRECAUTIONS:
 TAT

-- ALL SAMPLES ARE SUBJECT TO TERMS AND CONDITIONS ON REVERSE SIDE --

D-TEK ANALYTICAL LABORATORIES, INC.
9020 Kenamar Drive, Suite 205
San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

IDEC Pharmaceuticals Corp.
11011 Torreyana Road
San Diego, CA 92121

Date Sampled: 04/24/02
Date Received: 04/24/02
Date Reported: 05/20/02

Attn: Sharon Vidal

Project ID: N/A
Log Numbers: 02-1458 through 02-1459
Sample IDs: #1 Outfall #3 storm watr through #2 Outfall #2 storm watr

The following are attached:

- * Analytical Report
- * Quality Control Report
- * Chain-of-Custody

Testing was conducted using EPA or equivalent methods approved by the State of California Department of Health Services. All applicable QC met the required acceptance criteria.

Thank you for choosing D-TEK to serve your analytical needs!

Reviewed and approved:


Ellen Atienza
Operations Manager

D-TEK ANALYTICAL LABORATORIES, INC.
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(858) 566-4540 FAX (858) 566-4542

IDEC Pharmaceuticals Corp.
11011 Torreyana Road
San Diego, CA 92121

Date Reported: 05/20/02
Date Sampled: 04/24/02
Date Received: 04/24/02
Sample Type: Water

Attn: Sharon Vidal

Project ID: N/A

Log Number: 02-1458
Sample ID: #1 Outfall #3 storm watr

ANALYTICAL RESULTS

Analysis	Results	Units	Method	Analyst/Date
Conductivity	58.2	umhos/cm	EPA120.1	DR 05/02/02
Oil & Grease	< 1.0	mg/L	EPA413.1	LS 04/29/02
pH	6.14	----	EPA150.1	DR 04/25/02
TSS	29	mg/L	EPA160.2	DR 04/30/02
TOC	0.1	mg/L	EPA415.2	JV 04/25/02

D-TEK ANALYTICAL LABORATORIES, INC.
9020 Kenamar Drive, Suite 205
San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

IDEC Pharmaceuticals Corp.
11011 Torreyana Road
San Diego, CA 92121

Date Reported: 05/20/02
Date Sampled: 04/24/02
Date Received: 04/24/02
Sample Type: Water

Attn: Sharon Vidal

Project ID: N/A

Log Number: 02-1459
Sample ID: #2 Outfall #2 storm watr

ANALYTICAL RESULTS

Analysis	Results	Units	Method	Analyst/Date
Conductivity	195	umhos/cm	EPA120.1	DR 05/02/02
Oil & Grease	< 1.0	mg/L	EPA413.1	LS 04/29/02
pH	6.32	----	EPA150.1	DR 04/25/02
TSS	43	mg/L	EPA160.2	DR 04/30/02
TOC	0.1	mg/L	EPA415.2	JV 04/25/02

QUALITY CONTROL DATA REPORT

Report Date: 05/20/02

Log Numbers: 02-1458 through 02-1459

- * **LCS** - Laboratory Control Sample. The LCS is a blank spiked with a known amount of method analyte(s) obtained from independent standards and is carried through all sample preparation and analytical procedures. Recoveries are calculated in order to evaluate method accuracy.
 - * **Spike** - The spike is an actual sample spiked with a known amount of method analyte(s) and is carried through all sample preparation and analytical procedures. Recoveries are calculated in order to evaluate potential matrix interferences.
 - * **RPD** = Rel % Difference = $((\text{Result 1} - \text{Result 2}) / \text{Average Result}) \times 100\%$
The RPD provides a measure of method precision by comparing analytical results of 2 duplicate samples.
 - * **% Recovery** = $((\text{Spike Sample Result} - \text{Sample Result}) / \text{Spike Conc}) \times 100\%$
The result of the unspiked sample is treated as zero if it is less than established reporting limits.
-

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QUALITY CONTROL DATA REPORT
Method(s): Inorganics

Report Date: 05/20/02

Log Numbers: 02-1458 through 02-1459

Analysis	Method	LCS % Recovery	Spike % Recovery	Duplicate RPD
Oil & Grease	EPA413.1	93		
TOC	EPA415.2	102	95	0

STORM WATER POLLUTION PREVENTION PLAN

SUNSHINE PROPERTY SERVICES
 CONTROL BOARD

2002 JUN 20 P 2:28

Dry Season: June 1-Sept 30
 Wet Season: Oct 1-May 31

Reporting Period				
Monthly Storm Event Observation (Note if sampled)	June 2001 (dry) 18th 9:00am South out-fall is dry, odorless, no debris. North out-fall is wet, odorless, no debris. Pkg lot grate dry, odorless, no debris	October (wet) 18th 10:30am South out-fall is wet. Running water due to Schmidt Fire Protection is draining sprinkler system, odorless, some debris-removed. North out-fall is dry, odorless, no debris. Pkg lot grate dry, odorless, no debris	January (wet) 15th 8:40am South out-fall is wet, odorless, no debris. North out-fall is wet, odorless, no debris. Pkg lot grate wet, odorless, no debris	April (wet) 17th 1:45 pm South out-fall is dry, odorless, no debris North out-fall is dry, odorless, no debris Pkg lot grate dry, odorless, no debris
	July (dry) 18th 10:00am South out-fall is moist, odorless, minor debris picked up. North out-fall is moist, odorless, no debris. Pkg lot grate dry, odorless, no debris	November (wet) 13th 8:30am *Sampled South out-fall is wet, odorless, no debris. North out-fall is wet, odorless, some debris- removed. Pkg lot grate wet, odorless, no debris	Jan (wet) 29 9:00am *Sampled South out-fall wet, odorless, no debris. North out-fall wet, odorless, no debris. Pkg lot grate wet, odorless, no debris	April (wet) 24th 12:05 pm South out-fall is wet, odorless, no debris North out-fall is wet, odorless, no debris Pkg lot grate wet, odorless, no debris
	August (dry) 21st 9:00am South out-fall is moist, Odorless, minor debris picked up. North out-fall is moist, odorless, no debris. Pkg lot grate dry, odorless, no debris	December (wet) 15th 8:30am South out-fall is wet, odorless, no debris. North out-fall is wet, odorless, no debris. Pkg lot grate wet, odorless, no debris	February (wet) 19th 2:10pm South out-fall is moist, odorless, minor debris picked up. Northeast out-fall moist, odorless, colorless. Pkg lot grate dry, odorless, no debris	May (wet) 17th 10:00 am South out-fall is moist, odorless, no debris. North out-fall is moist, odorless, no debris Pkg lot grate dry, odorless, no debris
	September (dry) 17th 11:00am South out-fall is dry, odorless, no debris. North out-fall is dry, odorless, no debris. Pkg lot grate dry, odorless, no debris		March (wet) 15th 11:45 am South out-fall is dry, odorless, no debris. North out-fall is dry, odorless, no debris. Pkg lot grate dry, odorless, no debris	June 2002 (dry) 17th 1:00 pm South out-fall is dry, odorless, no debris. North out-fall is dry, odorless, no debris Pkg lot grate dry, odorless, no debris

IDEC Pharmaceuticals Corporation
3030 Callan Road
San Diego, CA 92121

June 18, 2002

California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA 92123

Subject: WDID 937S010764
Annual Report 2001 – 2002 (Section E.5)

This correspondence is being submitted as documentation to support Section E.5 of the 2001 – 2002 Annual Report. This document is submitted to support determination that drainage areas 1 and 3 are substantially identical to outfall number 2. Based on the lack of industrial activities for discharge points 1 and 3, IDEC only collects storm water samples from discharge point 2. IDEC conducts a visual inspection of all three drainage points.

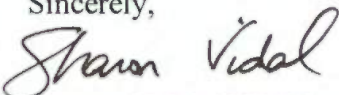
IDEC Pharmaceuticals Corporation has three discharge points. Outfall number one is located in the northwest corner of the property and receives storm water runoff from the lower level of the parking structure as well as some landscaping. The second discharge location is located in the southeast corner of the property, and receives storm water runoff from the loading and unloading area, the wastewater treatment area, the treatment chemical area, and the hazardous waste storage area. The third discharge point is located in the northeast corner of the property, and receives storm water runoff from the level of the parking structure and the front driveway.

IDEC provided initial documentation related to the identical drainage points in the 1998 Annual Report. IDEC reported that “we have no authorized nor unauthorized industrial discharges to the storm drain and only runoff from the parking areas is being discharged to the storm drain, it is reasonable to conclude that all discharge points - #1, #2, and #3 – are identical.” IDEC further reported that in 1993 and 1994 sampling was conducted at each outfall and similar results were reported.

Follow up testing was conducted at outfall number 3 on April 24, 2002 with similar results to testing conducted at outfall 2. Follow up sampling will be conducted at outfall 1 during the next wet season to compare results with outfall number 2 and 3. Results from the follow up testing are included in our submittal with the 2001 – 2002 Annual Report.

Please do not hesitate to contact me at 858-431-8221 with any questions. Thank you for your assistance in this matter.

Sincerely,



Sharon Vidal, CHMM
Sr. Associate I, EH&S

Handwritten note on yellow sticky paper:
Refer to 937S010764

IDEC Pharmaceuticals Corporation
3030 Callan Road
San Diego, CA 92121

June 18, 2002

California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA 92123

Subject: WDID 937S010764
 Summary of Corrective Action from 9/27/01 Compliance Inspection

On September 27, 2001, Tetra Tech, a US EPA contractor representing the San Diego Regional Water Quality Control Board, conducted a compliance inspection of our facility.

The following areas were identified as potential noncompliance:

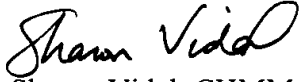
- The SWPPP does not identify a pollution prevention team (A.3)
- The SWPPP site map was not included in the written plan (A.4)
- The SWPPP did not contain a complete list of specific material / significant materials handled at the site. (A.5)
- The facility did not have sampling records for the following required activities: The facility did not sample from representative storm water discharge locations (B.7)
- The monitoring plan did not contain a description of sampling locations, sampling methods, and analytical methods as required by sections B.7, B.10, and B.10b, respectively, of the permit.

The following corrective actions have been taken to ensure compliance with the General Permit requirements:

- The SWPPP has been updated to include listing of pollution prevention team members, responsibilities, and current participants. *See attached written plan.*
- The SWPPP site map has been included in the written plan. *See attached written plan.*
- The SWPPP has been updated to include a complete list of specific and significant materials handled at the site. *See attached written plan.*
- IDEC currently has three discharge locations for the Torreyana facility. Outfall 1 and 3 have demonstrated identical results as outfall 2. IDEC currently tests only outfall 2 to obtain a representative sample of storm water discharge. IDEC re-tested outfall 3 in April 2002 and plans to re-test outfall 1 during the next wet season to update documentation and validate identical discharge representation.
- The monitoring plan has been updated to include a description of sampling locations, sampling methods, and analytical methods. *See attached written plan.*

Please do not hesitate to contact me at 858-431-8221 with any questions. Thank you for your assistance in this matter.

Sincerely,

A handwritten signature in cursive script that reads "Sharon Vidal". The signature is written in black ink and is positioned above the printed name.

Sharon Vidal, CHMM
Sr. Associate I, EH&S



STORM WATER POLLUTION
PREVENTION PLAN

Torreyana
2002

TABLE OF CONTENTS

Introduction

- Regulatory Overview
- Purpose
- Objective
- Written Plan Contents

Pollution Prevention Team

Related Compliance Programs

Site Map

List of Significant Materials

- Chemical Inventory
- Potential Pollutant Sources

Best Management Practices

- Non-structural BMP
- Structural BMP

Monitoring Program

- Annual Compliance Evaluation
- Sampling Requirements
- Monitoring and Reporting Requirements

INTRODUCTION

Regulatory Overview

The Federal Clean Water Act (CWA) authorizes the EPA to regulate discharges to surface waters of the United States. These regulations cover discharges of storm water from industrial facilities to surface waters. As identified by Standard Industrial Code (SIC), certain industries are required to have a permit for managing industrial storm water runoff. Storm water runoff includes rain runoff, snowmelt runoff, and surface water runoff and drainage. This permit provides for identification and regulation of industries that use materials, or generate waste on site, which could be released to the environment via the storm drain system.

In 1992 the State of California issued a statewide general permit, regulating storm water discharges for those sites with significant industrial activity. This permit is issued by the California State Water Resources Control Board and regulates industrial sites, which have the potential for the generation of contaminated run-off during a rainstorm. Contaminated run-off is produced when rainwater flows over chemical substances stored outside of enclosures or otherwise encounters contaminated soil.

It is the responsibility of each industrial site to determine whether or not their storm water discharges are covered under the General Permit. Sites without the potential for creating contaminated run-off have no obligations under the General Permit. Sites that do have the potential for creating contaminated run-off must implement management practices that eliminate or minimize the chance that they are contributing to the contamination of the environment. The general permit falls within the hierarchy of permits issued under the jurisdiction of the National Pollutant Discharge Elimination System (NPDES).

Inherent in implementation of a site-specific plan is the identification of industrial or commercial wastewater discharges (termed non-storm discharges) that flow directly into municipal storm water conveyance systems or surface waters of the U.S. Non-storm water discharges covered under the permit are not allowed, and must be permitted separately (under a site-specific license) or eliminated. Non-storm water discharges that do not fall within the scope of the General Permit are allowed since they are not expected to significantly impact the environment.

Based on the SIC number of 2836, IDEC has been issued a general storm water permit for the Torreyana facility. The NPDES general permit was submitted because there is a potential for release of hazardous materials into the environment due to storm water runoff from IDEC's site.

Purpose

This Storm Water Pollution Prevention Plan has been prepared consistent with the requirements for storm water pollution prevention plans set forth in the NPDES regulations. This Storm Water Pollution Prevention Plan (SWPPP) describes IDEC's storm water management program and indicates procedures implemented to eliminate or reduce pollution of storm water runoff at the Torreyana facility.

Objectives

The SWPPP has two major objectives:

1. To identify and evaluate sources of pollutants associated with industrial activities that may affect the quality of storm water discharges and authorized non-storm water discharges from the facility
2. To identify and implement site-specific best management practices (BMPs) to reduce or prevent pollutants associated with industrial activities in storm water discharges and authorized non-storm water discharges.

SWPPP Contents

- Pollution Prevention Team
- Review of other requirements and existing facility plans
- Site map
- List of significant materials
- Description of potential pollutant sources
- Assessment of potential pollutant sources
- Best Management Practices
- Annual comprehensive site compliance evaluation
- Monitoring program description

The intent of the SWPPP is to prevent the discharge of chemical contaminants into the municipal storm water system. The discharge of contaminants can occur under two types of conditions, normal and emergency.

Under normal conditions, discharges are avoided when one identifies and eliminates the processes and operations that would release contaminants to the storm water sewer system. The primary tool for achieving the elimination of these discharges is the education of employees regarding the processes and/or operations that have been prohibited and/or the areas to monitor. Under emergency conditions, discharges are avoided when you employ the correct spill response procedures. The primary tool for achieving the elimination of these discharges is the education of employees regarding proper spill response.

POLLUTION PREVENTION TEAM

In compliance with the conditions of the "General Permit for Storm Water Discharge Associated with Industrial Activity", IDEC has implemented a pollution prevention team. The team includes members of the Maintenance Department, members of the Manufacturing Department, and the Environmental Health and Safety Department.

The duties and responsibilities of the Team are described below.

Maintenance Personnel

Members of the Maintenance Department are responsible for correctly following the Best Management Practices (BMPs) identified for their group. The BMPs identified for the Maintenance Department include: carrying out routine visual inspections for integrity of the containers, drums, etc. used to store maintenance chemicals and promptly removing any leaking containers if observed; periodically verifying that spill response materials are available in their areas; monitoring their own operations to ensure that wastewater generated during industrial operations is routed to the sanitary sewer rather than the storm drains; routinely maintaining outdoor areas where potential pollutants are used or stored to minimize the likelihood that these agents will contaminate storm water run-off; and following all waste disposal guidelines.

Manufacturing Personnel:

Members of the Manufacturing Department are responsible for correctly following the Best Management Practices (BMPs) identified for their group. The BMPs identified for the Manufacturing Department include: carrying out routine visual inspections for integrity of the containers, drums, etc. used to store raw materials and promptly removing leaking containers if observed; periodically verifying that spill response materials are available in their work areas; monitoring their own operations to ensure that outdoor areas, where potential pollutants are used or stored, are managed to minimize the likelihood that these agents will contaminate storm water run-off; and following all waste disposal guidelines.

Environmental Health and Safety Personnel

Members of the EH&S Department are responsible for coordinating the SWPPP for IDEC by: conducting observations of storm water discharge and carrying out effluent sampling; maintaining an inventory of potential sources of pollutants; arranging training and drills for company staff as needed; maintaining all documentation related to the SWPPP; assisting with spill response actions; conducting weekly inspections of the hazardous waste area and an annual site inspection; creating (and following) waste disposal guidelines addressing the management of liquid waste (both hazardous and otherwise); and completing and filing the annual storm water report with the lead regulatory agency.

POLLUTION PREVENTION TEAM cont..

Pollution Prevention Current Team Members:

Sharon Vidal	EH&S
Rick Graham	EH&S
Mark Thompson	EH&S
Marty King	EH&S
Pete Krucker	EH&S
Javier Jimenez	EH&S
Tom	Protech Hazmat Technician
Darko Radovanovic	Maintenance
Matt Pino	Manufacturing
Carl Bullen	Manufacturing
Tony Alvarez	Warehouse Materials Management

RELATED COMPLIANCE PROGRAMS

IDEC Pharmaceuticals Corporation has several related compliance programs that overlap the goals and requirements of the Storm Water Pollution Prevention Plan. The following programs and written plans can be referenced for additional details of program components:

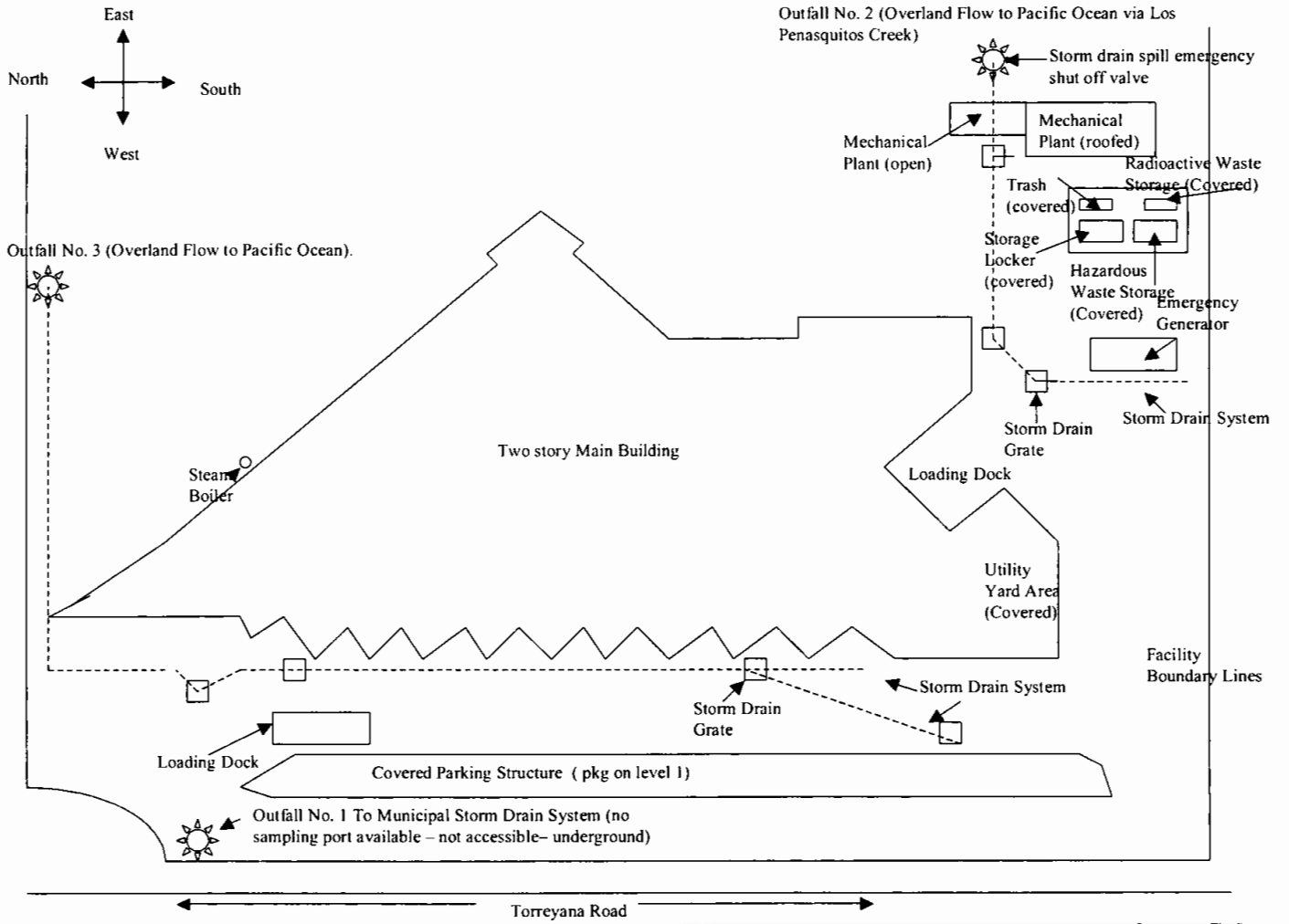
- Emergency Response Plan
- Exposure Control Plan
- Chemical Hygiene Plan
- Injury and Illness Prevention Plan
- Medical Waste Management Plan
- Toxic Organic Management Plan
- Air quality permits

The above listed plans are maintained by the Environmental, Health, and Safety Department and are available for review upon request.

SITE MAP

A copy of the site map is maintained by the Environmental, Health, and Safety Department and is available for review upon request. The following information is included on the site map (see attached):

- Facility boundaries
- Outline of all storm water drainage areas in the facility boundaries
- Direction and flow of each drainage area
- Nearby water bodies
- Municipal storm drain inlets where the facility's storm water discharges and authorized non storm water discharges may be received
- Location of the storm water collection and conveyance system, associated points of discharge, and direction of flow (including structural control measures such as catch basins)
- Outline of all impervious areas of the facility, including paved areas, buildings, covered storage areas, or other roofed structures
- Locations where materials are directly exposed to precipitation
- Areas of industrial activity including storage areas, shipping and receiving areas, equipment storage/maintenance areas, material handling and processing areas, and other areas of potential pollutant sources.



LIST OF SIGNIFICANT MATERIALS

Chemical Inventory

A chemical inventory has been developed to identify potential pollutants that might be found in storm and non-storm discharges. The goal of the SWPPP is to minimize the potential for pollution being introduced into the environment. The identification of potential pollutants is also required under the sampling provisions of the Permit.

CHEMICAL NAME	CAS	CLASSIFICATION	PROPERTIES	Flashpoint, LD50, Ph	MAXIMUM QUANTITY STORED ON PREMISES	MAXIMUM QUANTITY USED PER YEAR	LOCATION
2-(N-MORPHOLINO) ETHANESULFONIC ACID	4432-31-9	Irr			500 grams	500 grams	244/255
2,2'-AZINO-BIS(3-ETHYLBENZ- THIAZOLINE-6-SULFONIC ACID)	30931-67-0	Irr			25 grams	25 grams	244/255
2,6,10,14 TETRAMETHYL PENTADECANE	1921-70-6	CL-3B, Irr			500ml	500 ml	109
2-MERCAPTOETHANOL	64-24-2	CL-3A, Highly Toxic, Irr	163 F		50 ml	50 ml	155
2-PROPANOL	67-63-0	FL-1B, Irr	53 F		8 Liters	8 Liters	155
2-PROPANOL	67-63-0	FL-1B, Irr	53 F		1 Liter	1 Liter	257
5-SULFOSALICYLIC ACID	5965-83-3	Irr			500 grams	500 grams	244/255
ACES	7365-82-4	Irr			25 grams	25 grams	244/255
ACETIC ACID GLACIAL	64-19-7	CL-2, Corr-L	103		14.5 Liters	14.5 Liters	155
ACETIC ACID GLACIAL	64-19-7	CL-2, Corr-L	103		120 Liters	120 Liters	Manu. 310
ACETONE	67-64-1	FL-1B, Irr	minus 4 F		12 Liters	12 Liters	155
ACETONITRILE	75-05-8	FL-1B, Irr	36 F		64 Liters	2000 Liters	155
ALBUMIN, BOVINE	9048-46-8	OHH			100 grams	100 grams	155
AMMONIUM ACETATE	631-61-8	Irr			100 grams	100 grams	155
AMMONIUM ACETATE	631-61-8	Irr			500 grams	500 grams	244/255
AMMONIUM BICARBONATE	1066-33-7	Irr			500 grams	500 grams	244/255
AMMONIUM CHLORIDE	12125-02-9	Irr			1 Kg	1 Kg	155
AMMONIUM CHLORIDE	12125-02-9	Irr			500 grams	500 grams	244/255
AMMONIUM CITRATE	3012-65-5	Irr			500 grams	500 grams	155
AMMONIUM FORMATE	540-69-2	Irr			500 grams	500 grams	155
AMMONIUM PERSULFATE	7727-54-0	Oxidizer 1 Solid, Irr, Sensitizer			25 grams	25 grams	244/255
AMMONIUM PHOSPHATE, DIBASIC	7783-28-0	Corr-S, Irr			500 grams	500 grams	155
AMMONIUM PHOSPHATE, MONOBASIC	7722-76-1	Irr			50 grams	50 grams	155
AMMONIUM SULFATE	7783-20-2	Irr	2840 mg/Kg		1 Kg	1 Kg	155
AMMONIUM THIOCYANATE	1762-95-4	Irr, OHH			125 grams	125 grams	244/255

ARGON	7440-37-1	Comp Gas		83 ft3	83 ft3	157
BARIUM CHLORIDE	10361-37-2	Toxic, Irr		625 grams	625 grams	244/255
BARIUM HYDROXIDE 8-HYDRATE	12230-71-6	Highly Toxic		125 grams	125 grams	244/255
BENZOIC ACID	65-85-0	CL-3B, OHH, Irr	250 F	500 grams	500 grams	155
BICINCHONINIC ACID	X-CF			25 grams	25 grams	155
BORIC ACID	10043-35-3	Irr, OHH	N/a	3.7 Kg	3.7 Kg	155
BORIC ACID	10043-35-3	Irr, OHH	N/a	1.5 Kg	1.5 Kg	244/255
BORIC ACID	10043-35-3	Irr, OHH	N/a	12 Kg	12 Kg	Manu. 310
BROMOPHENOL BLUE	115-39-9	Irr		10 grams	10 grams	244/255
CALCIUM CARBONATE	471-34-1	Irr		125 grams	125 grams	244/255
CALCIUM CHLORIDE	10035-04-8	Irr		1.5 Kg	1.5 Kg	155
CALCIUM CHLORIDE	10035-04-8	Irr		500 grams	500 grams	244/255
CALCIUM HYDROXIDE	1305-62-0	Corr-S		500 grams	500 grams	244/255
CAPRYLIC ACID	1984-06-1	OHH	N/a	500 grams	500 grams	155
CARBON DIOXIDE	124-38-9	Comp Gas	LD50 90ml/kg	230 ft3	230 ft3	157
CD CHO 50X conc. Acid Solubles	7647-01-0	Corr-L, OHH		433 Liters	433 Liters	Manu. 310
CHELEX 100 RESIN	68954-42-7	Irr		100 grams	100 grams	244/255
CHLORINE BLEACH (Sodium Hypochlorite)	7681-52-9	Corr-L		24 gal.	24 gal.	Manu. 310
CHOLESTEROL	57-88-5	Irr		500 grams	500 grams	155
CHOLIC ACID	81-25-4	Irr, OHH		100 grams	100 grams	155
CITRIC ACID, ANHYDROUS	77-92-9	Irr	6730 mg/Kg	500 grams	500 grams	155
CITRIC ACID, ANHYDROUS	77-92-9	Irr	6730 mg/Kg	500 grams	500 grams	244/255
CITRIC ACID, MONOHYDRATE	5949-29-1	Irr	6730 mg/Kg	1 Kg	1 Kg	155
COBALT SULFATE, 7-HYDRATE	10026-24-1	Sensitizer, Irr		500 grams	500 grams	244/255
CUPRIC SULFATE	7758-99-8	Toxic, Irr, OHH	960 mg/Kg	1 Kg	1 Kg	155
CUPRIC SULFATE	7758-99-8	Toxic, Irr, OHH	960 mg/Kg	125 grams	125 grams	244/255
DECON-AHOL (ETHANOL)	64-17-5	FL-1B, Irr, OHH		6.9 Liters	6.9 Liters	156
DEOXYCHOLIC ACID	145224-92-6	Irr, OHH		100 grams	100 grams	155
DEXTROSE	50-99-7	Irr		2.5 Kg	2.5 Kg	155
DEXTROSE ANHYDROUS	50-99-7	Irr		170 Kg	170 Kg	Manu. 310
DIPHENYLAMINE	122-39-4	Irr		125 grams	125 grams	244/255
DTPA	67-43-6	Irr		10 grams	10 grams	244/255
EDTA	6381-92-6	Irr, OHH, Carcinogen		500 grams	500 grams	155
EDTA	6381-92-6	Irr, OHH, Carcinogen		500 grams	500 grams	244/255
EDTA	60-00-4	Irr		72 Kg	72 Kg	Manu. 310
EDTA, TETRASODIUM DIHYDRATE	10378-23-1	Irr, OHH, Carcinogen		1.5 Kg	1.5 Kg	155
EDTA, TETRASODIUM DIHYDRATE	10378-23-1	Irr, OHH, Carcinogen		500 grams	500 grams	244/255
ERIOCHROM BLACK POWDER	1787-61-7	Irr		25 grams	25 grams	244/255
ETHANOLAMINE	141-43-5	CL-3B, Corr-L, Irr	185 F	1 Liter	1 Liter	155
ETHYL ALCOHOL	64-17-5	FL-1B, Irr, OHH	72 F	44 Liters	44 Liters	155
ETHYL ALCOHOL	64-17-5	FL-1B, Irr, OHH	72 F	930 Liters	20,000 Liters	Manu. 310
EUTHANASIA SOLN	X-CF	Toxic		500 ml	500 ml	103A

FERRIC AMMONIUM CITRATE	1185-57-5	Irr, OHH		500 grams	500 grams	155
FERRIC NITRATE	7782-61-8	Oxidizer		500 grams	500 grams	155
FERROUS SULFATE	7782-63-0	Irr		500 grams	500 grams	155
FORMALDEHYDE	50-00-0	CL-2A, Corr-L, Highly Toxic, Irr, Sensitizer, Carcinogen, OHH		12 Liters	12 Liters	155
FORMALIN	50-00-0	CL-3A, Corr-L, Highly Toxic, Irr, Sensitizer, Carcinogen, OHH		6 Liters	10 Liters	114
FORMALIN	50-00-0	CL-3A, Corr-L, Highly Toxic, Irr, Sensitizer, Carcinogen, OHH		500 ml	500 ml	156
GELATIN	9000-70-8	FI-1A		1 Kg	1 Kg	244/255
GENTAMICIN SULFATE	1405-41-0	Toxic, Irr, OHH	LD50 5gm/kg	5 Kg	5 Kg	Manu. 310
GLYCEROL	56-81-5	CL-3B, OHH	320 F	500ml	500ml	155
GLYCEROL	56-81-5	CL-3B, OHH	320 F	500 ml	500 ml	244/255
GLYCEROL	56-81-5	CL-3B, OHH	320 F	2 Liters	2 Liters	Manu. 310
GLYCINE	56-40-6	Irr		2 Kg	2 Kg	155
GLYCINE	56-40-6	Irr		1 Kg	1 Kg	244/255
GLYCINE	56-40-6	Irr		12 Kg	12 Kg	Manu. 310
GUANIDINE	50-01-1	Toxic, Irr, OHH		5.5 Kg	5.5 Kg	155
GUANIDINE	50-01-1	Toxic, Irr, OHH		500 grams	500 grams	244/255
HEPES	7365-45-9	Irr		600 grams	600 grams	155
HEPES	7365-45-9	Irr		2 Kg	2 Kg	Manu. 310
HYDROCHLORIC ACID	7647-01-0	Corr-L, OHH	pH 2	11.5 Liters	11.5 Liters	155
HYDROCHLORIC ACID	7647-01-0	Corr-L, OHH	pH 2	40 Liters	100 Liters	244/255
HYDROCHLORIC ACID	7647-01-0	Corr-L, OHH	pH 2	326 Liters	7000 Liters	Manu. 310
HYDROGEN PEROXIDE	7722-84-1	Oxidizer 2		500 ml	500 ml	244/255
HYDROXLAMINE HYDROCHLORIDE	5470-11-1	Corr-S, Unstable Reactive Solid, Irr, OHH, Sensitizer	408 mg/Kg	125grams	125grams	244/255
HYDROXYNAPHTHOL BLUE	63451-35-4	Toxic, Irr		30 grams	30 grams	244/255
IMIDAZOLE	288-32-4	Irr	220 mg/Kg	750 grams	750 grams	155
IMMUNOPURE HABA	1634-82-8	Irr, OHH		10 grams	10 grams	244/255
INTEREST/POTASSIUM HYDROXIDE	1310-58-3	Corr-L, Irr, OHH	pH 2		7500 Liters	Manu. 310
ISOPROPYL ALCOHOL	64-17-5	FL-1B, Irr	54 F	7 Liters	7 Liters	156
L-ASCORBIC ACID	50-81-7	Irr		500 grams	500 grams	155
L-CYSTEINE	52-90-4	Irr		25 grams	25 grams	244/255
LEAD NITRATE	10099-74-8	Oxidizer, OHH		125 grams	125 grams	244/255
L-GLUTAMINE	56-85-9	Irr		100 Kg	100 Kg	Manu. 310
L-HISTIDINE	71-00-1	Irr		200 grams	200 grams	155
MAGNESIUM ACETATE	16674-78-5	Irr, OHH		1 Kg	1 Kg	155

MAGNESIUM CHLORIDE HEXAHYDRATE	7791-18-6	Irr		2 Kg	2 Kg	155
MAGNESIUM CHLORIDE HEXAHYDRATE	7791-18-6	Irr		500 grams	500 grams	244/255
MAGNESIUM SULFATE	7487-88-9	OHH		2 Kg	2 Kg	155
MALTOHEPTAOSE	34620-78-5	Irr		50 grams	50 grams	244/255
MANITOL	69-65-8	Irr		1 Kg	1 Kg	155
MERCURIC CHLORIDE	7487-94-7	Corr-S, Highly Toxic, OHH		125 grams	125 grams	244/255
MERCURIC IODIDE, RED	7774-29-0	Corr-S, Highly Toxic, OHH		125 grams	125 grams	244/255
MES, SODIUM	4432-31-9	Irr		300 grams	300 grams	155
METHANOL	67-56-1	FL-1B, IR	52 F	16 Liters	16 Liters	155
METOFANE (METHOXYFLURANE)	X-CF	Anesthesia		118 ml	500 ml	106
n-BUTYRIC ACID, SODIUM SALT	156-54-7	Irr		14 Kg	14 Kg	Manu. 310
NITRIC ACID	7697-37-2	Corr-L, OHH	pH 2	500 ml	500 ml	155
N-LAUROYLSARCOSINE	97-78-9	Irr		100 grams	100 grams	155
p-AMINOBENZOIC ACID	138-84-1	Corr-S, Irr		100 grams	100 grams	155
PHENOL RED	143-74-8	Toxic, OHH		5 grams	5 grams	244/255
PHENOLPHTHALEIN	77-09-8	Irr		225 grams	225 grams	244/255
PHENYLMETHYL-SULFONYL FLUORIDE	329-98-6	H2O Reactive 2 Solid, Corr-S, Irr		25 grams	25 grams	120
PHOSPHORIC ACID	7664-38-2	Corr-L	pH 2	500 ml	500 ml	155
PHOSPHORIC ACID	7664-38-2	Corr-L	pH 2	15 Liters	15 Liters	Manu. 310
PHOSPHORUS PENTOXIDE	1314-56-3	H2O Reactive 2 Solid, Corr-S, Highly Toxic		500 grams	500 grams	244/255
PHYTIC ACID	14306-25-3	Irr		10 grams	10 grams	244/255
PIPERAZINE ANHYDROUS	110-85-0	Irr		600 grams	600 grams	244/255
POLYSORBATE 20	9005-64-5	Irr		300 ml	300 ml	1100
POLYSORBATE 80	9005-65-6	Irr		1 Liter	1 Liter	155
POLYVINYLPIRROLIDONE	9003-39-8	Irr		100 grams	100 grams	155
POTASSIUM BIPHTHALATE	877-24-7	Irr		500 grams	500 grams	244/255
POTASSIUM CARBONATE	584-08-7	Corr-S		500 grams	500 grams	244/255
POTASSIUM CHLORIDE	7447-40-7	Irr		2 Kg	2 Kg	155
POTASSIUM CHLORIDE	7447-40-7	Irr		500 grams	500 grams	244/255
POTASSIUM CHLORIDE	7447-40-7	Irr		1 Kg	1 Kg	Manu. 310
POTASSIUM CYANIDE	151-50-8	Highly Toxic		25 grams	25 grams	244/255
POTASSIUM DICHROMATE	7778-50-9	Unstable Reactive 1, Oxidizer 1, Corr-S, OHH, Carcinogen		500 grams	500 grams	155
POTASSIUM FERROCYANIDE, TRIHYDRATE	14459-95	Irr, OHH		500 grams	500 grams	244/255
POTASSIUM HEXAHYDROANTIMONATE	12208-13-8	Irr, OHH		100 grams	100 grams	244/255

POTASSIUM HYDROXIDE	1310-58-3	Corr-S, Water Reactive 1 Solid, Toxic		1Kg	1Kg	155
POTASSIUM HYDROXIDE	1310-58-3	Corr-S, Water Reactive 1 Solid, Toxic		500 grams	500 grams	244/255
POTASSIUM IODIDE	7681-11-0	Irr		125 grams	125 grams	244/255
POTASSIUM NITRATE	7757-79-1	Oxidizer 1		500 grams	500 grams	244/255
POTASSIUM PERMANGANATE	7722-64-7	Corr-S, Oxidizer 2, Reactive-S		500 grams	500 grams	244/255
POTASSIUM PHOSPHATE MONOBASIC	7778-77-0	Irr		2.5 Kg	2.5 Kg	155
POTASSIUM PHOSPHATE MONOBASIC	7778-77-0	Irr		500 grams	500 grams	244/255
POTASSIUM PHOSPHATE MONOBASIC	7778-77-0	Irr		10 Kg	10 Kg	Manu. 310
POTASSIUM PHOSPHATE, DIBASIC	7758-11-4	Irr		1 Kg	1 Kg	244/255
POTASSIUM SODIUM TARTRATE	6381-59-5	Irr		600 grams	600 grams	244/255
POTASSIUM SULFATE	7778-80-5	Irr		500 grams	500 grams	155
POTASSIUM THIOCYANATE	333-20-0	Irr, OHH	854 mg/kg	1 kG	1 kG	155
SENTOL (PHOSPHORIC ACID)	7664-38-2	Corr-L	pH 2	213 Liters	5300 Liters	Manu. 310
SILVER NITRATE	7761-88-8	Oxidizer 1 Solid, Toxic, Irr		30 grams	30 grams	244/255
SODIUM ACETATE ANHYDROUS	127-09-3	Irr, OHH		1 Kg	1 Kg	155
SODIUM ACETATE ANHYDROUS	127-09-3	Irr, OHH		250 grams	250 grams	244/255
SODIUM ACETATE ANHYDROUS	127-09-3	Irr, OHH		20 Kg	20 Kg	Manu. 310
SODIUM ACETATE TRIHYDRATE	6131-90-4	Irr, OHH		500 grams	500 grams	155
SODIUM AZIDE	26628-22-8	Unstable Reactive Solid, H2O Reactive 2 Solid, Highly Toxic		1 Kg	1 Kg	155
SODIUM AZIDE	26628-22-8	Unstable Reactive Solid, H2O Reactive 2 Solid, Highly Toxic		200 grams	200 grams	244/255
SODIUM BICARBONATE	144-55-8	Irr		500 grams	500 grams	244/255
SODIUM BICARBONATE	144-55-8	Irr		72 Kg	72 Kg	Manu. 310
SODIUM BITARTRATE	6131-98-2	Irr		500 grams	500 grams	244/255
SODIUM BORATE	1303-96-4	Oxidizer, Irr		500 grams	500 grams	244/255
SODIUM BORATE 10-HYDRATE	1303-96-4	Oxidizer, Irr		500 grams	500 grams	155
SODIUM CARBONATE	497-19-8	Irr, OHH		100 grams	100 grams	244/255
SODIUM CARBONATE	497-19-8	Irr, OHH		20 Kg	20 Kg	Manu. 310
SODIUM CARBONATE MONOHYDRATE	5968-11-6	Irr, OHH		1 Kg	1 Kg	155
SODIUM CHLORIDE	7647-14-5	Irr		34.5 Kg	34.5 Kg	155
SODIUM CHLORIDE	7647-14-5	Irr		2.5 Kg	2.5 Kg	244/255

SODIUM CHLORIDE	7647-14-5	Irr		1747 Kg	1747 Kg	Manu. 310
SODIUM CITRATE	6132-04-3	Irr		11 Kg	11 Kg	155
SODIUM CITRATE	6132-04-3	Irr		500 grams	500 grams	244/255
SODIUM CITRATE	6132-04-3	Irr		144 Kg	144 Kg	Manu. 310
SODIUM DODECYL SULFATE	151-21-3	Irr		200 grams	200 grams	244/255
SODIUM HEXAMETAPHOSPHATE	68915-31-1	Irr		1 Kg	1 Kg	244/255
SODIUM HYDROXIDE	1310-73-2	Corr-S, Water Reactive 1 Solid, Toxic		40.5 Kg	40.5 Kg	155
SODIUM HYDROXIDE	1310-73-2	Corr-L, Water Reactive 1 Liquid, Toxic	pH 12	3.5 Liters	3.5 Liters	155
SODIUM HYDROXIDE	1310-73-2	Corr-S, Water Reactive 1 Solid, Toxic	N/a	2 Kg	2 Kg	244/255
SODIUM HYDROXIDE	1310-73-2	Corr-L, Water Reactive 1 Liquid, Toxic	pH 12	5 Liters	5 Liters	244/255
SODIUM HYDROXIDE	1310-73-2	Corr-S, Water Reactive 1 Solid, Toxic	N/a	180 Kg	180 Kg	Manu. 310
SODIUM HYDROXIDE	1310-73-2	Corr-L, Water Reactive 1 Liquid, Toxic	pH 12	586 Liters	12,892 Liters	Manu. 310
SODIUM NITRITE	7632-00-0	Oxidizer 1, Corr-S, Irr		500 grams		244/255
SODIUM NITROPRUSSIDE	13755-38-9	Toxic, Irr, OHH	99 mg/Kg	100 grams	100 grams	244/255
SODIUM OXALATE	62-76-0	Toxic, Corr		125 grams	125 grams	244/255
SODIUM PERSULFATE	7775-27-1	Unstable Reactive 1, Oxidizer 1, Irr		500 grams	500 grams	244/255
SODIUM PHOSPHATE DIBASIC	7558-79-4	Irr		500 grams	500 grams	155
SODIUM PHOSPHATE DIBASIC	7558-79-4	Irr		500 grams	500 grams	244/255
SODIUM PHOSPHATE DIBASIC, HEPTAHYDRATE	7782-85-6	Irr		15 Kg	15 Kg	155
SODIUM PHOSPHATE DIBASIC, HEPTAHYDRATE	7782-85-6	Irr		120 Kg	120 Kg	Manu. 310
SODIUM PHOSPHATE MONOBASIC	10049-21-5	Irr		500grams	500grams	244/255
SODIUM PHOSPHATE MONOBASIC	10049-21-5	Irr		108 Kg	108 Kg	Manu. 310
SODIUM PHOSPHATE MONOBASIC	7558-80-7	Irr		2.5 Kg	2.5 Kg	155
SODIUM TARTRATE	6106-24-7	OHH		500 grams	500 grams	155
SODIUM THIOCYANATE	540-72-7	OHH	764 mg/Kg	500 grams	500 grams	155
SODIUM THIOSULFATE	7772-98-7	Irr		500 grams	500 grams	155
SULFOSALICYLIC ACID, DIHYDRATE	5965-83-3	Irr		500 grams	500 grams	244/255
SULFURIC ACID 2.00N	7664-93-9	Corr-L, Water Reactive 1 Liquid, Toxic, OHH	pH 12	2.5 Liter	10 Liters	108

SULFURIC ACID 2.00N	7664-93-9	Corr-L, Water Reactive 1 Liquid, Toxic, OHH	pH 12	2.5 Liter	2.5 Liter	155
SULFURIC ACID 2.00N	7664-93-9	Corr-L, Water Reactive 1 Liquid, Toxic, OHH	pH 12	1 Liter	1 Liter	244/255
THIOACETAMIDE	62-55-5	OHH, Carcinogen		125 grams	125 grams	244/255
TRICHLOROACETIC ACID	76-03-9	CL-3B, Corr-S, Toxic	pH 2	500 grams	500 grams	155
TRICHLOROACETIC ACID	76-03-9	CL-3B, Corr-S, Toxic	pH 2	500 grams	500 grams	244/255
TRIETHANOLAMINE	102-71-6	CL-3B, Irr, OHH	8680 mg/Kg	500 ml	500 ml	155
TRIFLUOROACETIC ACID	76-05-1	Corr-L, Toxic	pH 2	600 ml	600 ml	155
TRITON X-100	9002-93-1	CL-3B, Irr	525 F	2.1 Liters	2.1 Liters	155
TRIZMA BASE	77-86-1	Irr		1 Kg	1 Kg	155
TRIZMA BASE	77-86-1	Irr		3 Kg	3 Kg	244/255
TRIZMA BASE	77-86-1	Irr		312 Kg	312 Kg	Manu. 310
TRIZMA HYDROCHLORIDE	1185-53-1	Irr		2 Kg	2 Kg	155
TRIZMA HYDROCHLORIDE	1185-53-1	Irr		1.5 Kg	1.5 Kg	244/255
TRYPAN BLUE	72-57-1	Carcinogen, Irr, OHH		60 ml	60 ml	156
TWEEN 20	9005-64-5	CL-3B, Irr, OHH		500 ml	500 ml	244/255
TWEEN 80	9005-65-6	CL-3B, Irr, OHH		500 ml	500 ml	244/255
TWEEN 80	9005-65-6	CL-3B, Irr, OHH		4 Liter	4 Liter	Manu. 310
UREA	57-13-6	Irr, OHH		18 Kg	18 Kg	155
UREA	57-13-6	Irr, OHH		250 grams	250 grams	244/255
UREA	57-13-6	Irr, OHH		399 Kg	399 Kg	Manu. 310
ZINC CHLORIDE	7646-85-7	Toxic, Irr, OHH	794 mg/Kg	500 grams	500 grams	155
ZINC CHLORIDE	7646-85-7	Toxic, Irr, OHH	794 mg/Kg	500 grams	500 grams	244/255

Description of Potential Pollutant Sources

i. Industrial Processes

IDEC Pharmaceuticals Corporation is a leader in the development of targeted immunotherapies for cancer and autoimmune diseases. IDEC drug substances are recombinant protein products. The steps that constitute drug substance manufacturing include: cell culture production and harvesting, recovery and purification, and formulation. A number of laboratories contain support services for the manufacturing area including QA/QC, buffer preparation, etc.

A number of environmental controls are employed during each of these steps that constitute drug substance manufacturing. The primary controls exercised pertain to waste water control, air emissions, hazardous waste management, and solid waste management. *(see individual written programs maintained by the EH&S department as mentioned above for additional details)*

ii. Material Handling and Storage Areas

All hazardous materials are stored within the confines of the buildings. The buildings are modular in nature, and have been designed with hazardous materials in mind.

The inventory of hazardous materials primarily includes flammables and corrosives. A small amount of other types of chemicals may also be present. Flammable liquid and corrosive cabinets are used within the building to provide primary containment.

Hazardous materials stored in the Southeast corner of the building present some potential for contamination of storm water run-off. Contamination would only be present following a catastrophic event such as a fire. Under normal conditions, the potential for contamination is extremely limited.

In addition to the hazardous materials located at the Southeast corner of the building, there is an emergency diesel generator onsite. It is hard wired to support the building during power outages. This generator contains 1600 gallons of diesel and is surrounded by a berm. The potential for contamination of storm water from the generator fuel tank is low.

A review has been made of each operation or piece of equipment that constitutes a potential source of pollutants during storm and non-storm discharges.

At IDEC the following operations or materials constitute a potential source of pollution:

- Process substances (buffers).
- Controlled materials and waste in-storage.
- The manufacturing waste management system (neutralization system).
- Manufacturing waste water treatment chemicals (in-use and in-storage).
- Cooling tower, boiler, and chiller chemicals (in-use and in-storage).
- Bypass or blow down of various pieces of equipment located around the exterior of the building.
- Emergency generator fuel
- Trash receptacles
- Oil, grease, fuel from delivery equipment
- Cleaning and mop bucket materials

Prohibited Discharges

Water generated in the operations listed below should not be released into storm water conveyance systems or directly into the environment. Instead, they should be discharged via the sewer system:

- Hydrostatic Pressure testing of vessels.
- Boiler blow-down.
- Equipment washing.
- Fire Sprinkler/Hydrant testing.
- Cooling tower backwash, and filter cleaning.

The following types of industrial water should not be released into storm water conveyance lines or directly into the environment. Instead, they should be discharged via the sewer system:

- Non-contact cooling water.
- Evaporative cooling water
- Air compressor/air conditioning condensate.
- Unwanted/spent process buffers (even when they are primarily aqueous)

In most cases, rainwater collected in berms or other types of secondary containment can be discharged into storm water conveyance lines or directly into the environment provided that periodic sampling and observation demonstrate that the water is not contaminated.

iii. Dust and Particulate Generating Activities

There are no current activities that would generate dust or particulates.

iv. Significant Spills and Leaks

There have been no significant spills or leaks of a reportable quantity.

BEST MANAGEMENT PRACTICES

As part of IDEC's materials management program a number of Best Management Practices (BMPs) are used to reduce the potential for contamination of storm water discharges.

Non-Structural BMPs

Non-structural BMPs consist of processes, prohibitions, procedures, and schedules of activities that prevent pollutants associated with industrial activity from contacting with storm water with discharges.

Good Housekeeping

- Practical procedures to maintain a clean and orderly facility.
- Routine inspection for leaks or conditions that could lead to discharges.
Improving operation and maintenance of machinery and processes
- Implementation of careful storage practices
- Maintain an up to date chemical inventory
- Container labeling
- Scheduled routine clean up operations
- Train employees on good housekeeping techniques
- Use of signs identifying chemical storage areas.
- Removing trash from overflowing receptacles

Preventative Maintenance

- Regular inspection of storm water management devices
- Regular maintenance of structural storm water controls
- Regular maintenance of facility equipment and systems

Spill Response

- Establishment and implementation of appropriate spill clean up procedures
- Identification of potential spill sites and the drainage points.
- Provisions and maintenance for the staging of spill-response supplies.
- Spill clean up kits available in each manufacturing supply area, maintenance area, and hazardous material storage area.
- Good preventative maintenance (housekeeping).
- Timely management of leaking containers.
- Effective management of pollution prevention equipment once a spill has occurred, including the use of shut-off valves and other control devices.
- Effective use of personal protective equipment (PPE).

Material Handling and Storage

- Established procedures to identify potential for spills and leaks and to minimize exposure of materials to storm water discharge.
- Substitute non-hazardous substances where possible.

Employee Training

- Development of an employee training program regarding the contents of the SWPPP (including good housekeeping, material handling procedures, actions necessary to implement BMPs.)
- Development of an employee training program on spill prevention and spill response.

Waste Handling/Recycling

- Development of guidelines and other written information regarding disposal practices for unwanted hazardous materials and wastes.

Record keeping and Internal Reporting

- Procedures established to retain records for visual observations, records of inspection, maintenance activities, etc.

Erosion Control and Site Stabilization

- Utilize natural settings (grasses, shrubs, etc.) where existing and utilize landscape for areas surrounding the parking garage.
- Established procedure to monitor facility grounds for potential future erosion and continue to prevent runoff activities.

Inspections

- Development of an effective inspection program
- Inspections of each storm drain discharge area conducted on a monthly basis.
- Monitor equipment, machinery, storage tanks, trash on a regular basis

Quality Assurance

- Review of storm water pollution program on an annual basis to ensure all elements of the written plan and monitoring program are adequately conducted.

Structural BMPs

Structural BMPs consist of structural devices that reduce or prevent pollutants in storm water discharges.

- All flammable liquid and corrosive materials are stored within flammable and corrosive cabinets
- Flammable liquid and corrosive cabinets are used within the building to provide primary containment
- Use of concrete berms surrounding the buildings to provide tertiary containment for hazardous materials
- Portable secondary containment for hazardous materials
- The building is equipped with sumps that provide secondary containment of 1000 gallons
- Several drain lines service the area enclosed by the berm. These drain lines are equipped with removable polypropylene plugs to prevent runoff from entering the outfall lines
- Emergency shutoff valve at storm water discharge location to prevent release of spill material to environment
- Concrete berm surrounding emergency generator
- Grounding connectors to dissipate static electricity
- Seismic restraints
- A fire rated venting system
- An automatic dry chemical fire suppression system with 3000 cubic feet of dump capacity dry chemical
- A secondary fire suppression system consisting of a deluge water sprinkler system pre-plumbed to the exterior of the building.
- An alarm system consisting of an exterior audible alarm, with a link to the centralized security system

MONITORING PROGRAM

The objectives of the monitoring program are to:

1. Ensure that storm water discharges are in compliance with the discharge prohibitions, effluent limitations, and receiving water limitations specified in the General Permit.
2. Ensure practices at the facility to reduce or prevent pollutants in storm water discharges and authorized non-storm water discharges are evaluated and revised to meet changing conditions.
3. Aid in the implementation and revision of the SWPPP
4. Measure the effectiveness of BMPs.

A monitoring program has been implemented in accordance with the conditions of the General Permit. This program combines an annual review, direct monitoring and periodic observations as follows:

Annual Compliance Evaluation

The facility operator will conduct one comprehensive site compliance evaluation in each reporting period (July 1 - June 30). The SWPPP shall be revised, as appropriate, and the revisions implemented within 90 days of the evaluation. Evaluations will include the following:

- Review of all visual observation records, inspection records, and sampling / analysis results
- Visual inspection of all potential pollutant sources for evidence or the potential for, pollutants entering the drainage system.
- Review and evaluate all BMPs to determine if they are adequate, properly implemented, or whether additional BMPs are needed. A visual inspection of equipment needed to implement the SWPPP such as spill response equipment will be included.
- Evaluation report to be submitted as part of the annual report and retained for at least 5 years that includes:
 - identification of personnel performing the evaluation
 - date of the evaluation
 - SWPPP revisions
 - Schedule for implementing the revisions
 - Any incidents of non compliance and the corrective actions
 - Certification that the facility is in compliance with the General Permit

Sampling Requirements

Discharge Locations:

- IDEC Pharmaceuticals Corporation has three discharge points.
- Outfall number one is located in the northwest corner of the property and receives storm water runoff from the lower level of the parking structure as well as some landscaping.
- The second discharge location is located in the southeast corner of the property, and receives storm water runoff from the loading and unloading area, the wastewater treatment area, the treatment chemical area, and the hazardous waste storage area. This is identified on the storm water map as outfall number 2.
- The third discharge point is located in the northeast corner of the property, and receives storm water runoff from the upper level of the parking structure and the front driveway.

Sampling Locations:

- Outfall Number 2
- Based on the lack of industrial activities for discharge points 1 and 3, IDEC only collects storm water samples from discharge outfall 2.

Visual Observations:

- Outfall 1, 2, 3

Sampling Methods:

- IDEC will collect storm water samples during the first discharge from the first storm event of the wet season or one other storm event in the wet season.
- If IDEC Facility does not collect samples from the first storm event of the wet season, IDEC will still collect samples from two other storm events of the wet season and shall explain in the Annual Report why the first storm event was not sampled.
- Sample collection is only required of storm water discharges that occur during scheduled facility operating hours and that are preceded by at least (3) three working days without storm water discharge.

Sample Analysis:

The samples shall be analyzed for:

- Total suspended solids (TSS)
- PH
- Specific conductance
- total organic carbon (TOC).
- Oil and grease (O&G)

Analytical Methods:

pH	EPA 150.1
TSS	EPA 160.2
SC	EPA 120.1
O&G	EPA 1664
TOC	EPA 415.2

Monitoring and Reporting Requirements

Wet Season (Oct 1 - May 31).

a. Observations

Storm Water Discharge

- Visually observe storm water discharges from one storm event per month during the wet season (October 1-May 31).
- These visual observations shall occur during the first hour of discharge and at all discharge locations.
- Visual observations shall document the presence of any floating and suspended material, oil and grease, discoloration, turbidity, odor, and source of any pollutants.
- Records shall be maintained of observation dates, locations observed, observations, and response taken to reduce or prevent pollutants in storm water discharges.

Non-Storm Water Discharge

- Visually observe all drainage areas for the presence of authorized and unauthorized non-storm water discharges and their sources.
- Visual observations shall document the presence of any discoloration, stains, odors, floating materials, etc., as well as the source of the discharge.
- Records shall be maintained of the visual observation dates, locations observed, observations, and response taken to eliminate unauthorized non-storm water discharges and to reduce or prevent pollutants from contacting non-storm water discharges.
- The visual observations required above are done quarterly for the presence of unauthorized non-storm water discharges and authorized non-storm water discharges.
- Quarterly observations shall be conducted in each of the following periods: January-March, April-June, July-September, and October-December. Observations shall be conducted within 6 - 18 weeks of each other.

b. *Sampling*

Storm Water Discharge

- Sampling storm events that produce discharge is required during the wet season (October 1 through May 31) from the first storm event of the wet season and at least one other storm event in the wet season.
- Sampling should be done in the first hour of the storm.
- Test for total suspended solids (TSS), total organic solids (TOC), pH, grease and oil, and conductivity.
- Storm water discharges from outfall #1 discharges to the Municipal Storm Drain and there is no accessible sampling port.
- Outfall #2, and 3 are considered substantially identical so it is not required that three samples be collected during each storm event. (See correspondence to State Water Resources Control Board in attachment section of the annual report 1997-1998 subsection E5)
- Periodic re-testing of outfall # 3 will be conducted to confirm it is not a unique representation of discharge from the site.
- A sample shall be obtained from outfall # 2, located behind the mechanical plant.

Non-Storm Water Discharge

- Sample as needed to evaluate whether the discharge is allowed, needs to be permitted, or should be eliminated.
- Sampling is usually carried out as part of the initial implementation of the SWPPP. Sampling is not required as an ongoing process.

Dry Season (June 1 - September 30).

a. *Observations*

Storm Water Discharge

- Only one observation is required per quarter during the dry season.
- Quarterly observations shall be conducted in each of the following periods: January-March, April-June, July-September, and October-December. Observations shall be conducted within 6 - 18 weeks of each other.

Non-Storm Water Discharge

- Visually observe all drainage areas for the presence of authorized and unauthorized non-storm water discharges and their sources, quarterly.
- Visual observations shall document the presence of any discoloration, stains, odors, floating materials, etc., as well as the source of the discharge.
- Records shall be maintained of the visual observation dates, locations observed, observations, and response taken to eliminate unauthorized non-storm water discharges and to reduce or prevent pollutants from contacting non-storm water discharges.
- The visual observations required above are done quarterly for the presence of unauthorized non-storm water discharges and authorized non-storm water discharges.
- Quarterly observations shall be conducted in each of the following periods: January-March, April-June, July-September, and October-December. Observations shall be conducted within 6 - 18 weeks of each other.

b. *Sampling*

Storm Water Discharge

- There are no requirements for dry season sampling.

Non-Storm Water Discharge

- There are no requirements for dry season sampling though discharge may be sampled as needed to evaluate whether the discharge is allowed, needs to be permitted, or should be eliminated.

File 10 - E.0764.02



SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD

Rec'd
5/14/03
gpf

IDEC Pharmaceuticals Corporation
3030 Callan Road
San Diego, CA 92121

2003 MAY 14 A 10: 26

JRD 5-14-03
AAF 5-14-03 logged.
GMF

May 13, 2003

California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA 92123

Subject: WDID 937S010764
2002 - 2003 Annual Report

IDEC Pharmaceuticals Corporation is pleased to submit the 2002 - 2003 Annual Report for Storm Water Discharges Associated with Industrial Activities for the facility located at 11011 Torreyana Road.

The following attachments are included in the submittal:

- 2002 - 2003 Annual Report
- Supporting documentation for Section E.4
- Supporting documentation for Section E.6
- Analytical test results

Please do not hesitate to contact me at 858-431-8221 with any questions. Thank you for your assistance in this matter.

Sincerely,

Sharon Vidal, CHMM
Sr. Associate I, EH&S

File 10-010764.02^g

File 10-01764.02

State of California
STATE WATER RESOURCES CONTROL BOARD

2002-2003
ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

Reporting Period July 1, 2002 through June 30, 2003

An annual report is required to be submitted to your local Regional Water Quality Control Board (Regional Board) by July 1 of each year. This document must be certified and signed, under penalty of perjury, by the appropriate official of your company. Many of the Annual Report questions require an explanation. Please provide explanations on a separate sheet as an attachment. **Retain a copy of the completed Annual Report for your records.**

If any information contained in Items A, B, C, and D below differs from the information provided in your Notice of Intent (NOI), circle or highlight the information that differs from your NOI so we can update our records. Please remember that a Notice of Termination and new Notice of Intent are required whenever a facility is relocated or changes ownership.

If you have any questions, please contact your Regional Board Storm Water Program Contact. The address of the Regional Board (where the Annual Report must be filed) along with the name, telephone number and e-mail address of the contact is indicated on page 8 of this Annual Report. To find your Regional Board information, match the first digit of your WDID number with the corresponding number that appears in parenthesis on the first line of each Regional Board office.

GENERAL INFORMATION:

A. Facility Location:

Facility WDID No: 9 37 S010764

Facility Name: IDEC Pharmaceuticals Corporation

Address: 11011 Torreyana Road

City: San Diego

State: CA Zip: 92121 Phone: 858-431-8800

B. Facility Operator Information:

Operator Name: IDEC Pharmaceuticals Corporation

Contact Person: Sharon Vidal

Mailing Address: 3030 Callan Road

Title: Sr. Associate I, EH&S

City: San Diego

State: CA Zip: 92121 Phone: 858-431-8221

C. Facility Information: (Complete if different from facility mailing address in Item A above)

Street Address: Same as above

City: _____

State: CA Zip: _____

Standard Industrial Classification (SIC) Code(s): 2836

File 10-010764.02

2002-2003
ANNUAL REPORT

SPECIFIC INFORMATION

MONITORING AND REPORTING PROGRAM

D. SAMPLING AND ANALYSIS EXEMPTIONS AND REDUCTIONS

1. For the reporting period, was your facility exempt from collecting and analyzing samples from **two** storm events in accordance with sections B.12 or 15 of the General Permit?

YES Go to Item D.2 **NO** Go to Section E

2. Indicate the reason your facility is exempt from collecting and analyzing samples from **two** storm events. Attach a copy of the first page of the appropriate certification if you check boxes ii, iii, iv, or v.

i. Participating in an Approved Group Monitoring Plan **Group Name:** _____

ii. Submitted **No Exposure Certification (NEC)** Date Submitted: ____ / ____ / ____

Re-evaluation Date: ____ / ____ / ____

Does facility continue to satisfy NEC conditions? YES NO

iii. Submitted **Sampling Reduction Certification (SRC)** Date Submitted: ____ / ____ / ____

Re-evaluation Date: ____ / ____ / ____

Does facility continue to satisfy SRC conditions? YES NO

iv. Received Regional Board Certification Certification Date: ____ / ____ / ____

v. Received Local Agency Certification Certification Date: ____ / ____ / ____

3. If you checked boxes i or iii above, were you scheduled to sample **one** storm event during the reporting year?

YES Go to Section E **NO** Go to Section F

4. If you checked boxes ii, iv, or v, go to Section F.

E. SAMPLING AND ANALYSIS RESULTS

1. How many storm events did you sample? 2

If less than 2, **attach explanation** (if you checked item D.2.i or iii. above, only attach explanation if you answer "0").

2. Did you collect storm water samples from the first storm of the wet season that produced a discharge during scheduled facility operating hours? (Section B.5 of the General Permit)

YES **NO** **attach explanation** (Please note that if you do not sample the first storm event, you are still required to sample 2 storm events)

3. How many storm water discharge locations are at your facility? 3

2002-2003
ANNUAL REPORT

4. For each storm event sampled, did you collect and analyze a sample from each of the facility's' storm water discharge locations? YES, go to Item E.6 NO
5. Was sample collection or analysis reduced in accordance with Section B.7.d of the General Permit? YES NO, **attach explanation**
If "YES", **attach documentation** supporting your determination that two or more drainage areas are substantially identical.
Date facility's drainage areas were last evaluated 04/01 /2003
6. Were all samples collected during the first hour of discharge? YES NO, **attach explanation**
7. Was all storm water sampling preceded by three (3) working days without a storm water discharge? YES NO, **attach explanation**
8. Were there any discharges of storm water that had been temporarily stored or contained? (such as from a pond) YES NO, go to Item E.10
9. Did you collect and analyze samples of temporarily stored or contained storm water discharges from two storm events? (or one storm event if you checked item D.2.i or iii. above) YES NO, **attach explanation**
10. Section B.5. of the General Permit requires you to analyze storm water samples for pH, Total Suspended Solids (TSS), Specific Conductance (SC), Total Organic Carbon (TOC) or Oil and Grease (O&G), other pollutants likely to be present in storm water discharges in significant quantities, and analytical parameters listed in Table D of the General Permit.
- a. Does Table D contain any additional parameters related to your facility's SIC code(s)? YES NO, Go to Item E.11
- b. Did you analyze all storm water samples for the applicable parameters listed in Table D? YES NO
- c. If you did not analyze all storm water samples for the applicable Table D parameters, check one of the following reasons:
- _____ In prior sampling years, the parameter(s) have not been detected in significant quantities from two consecutive sampling events. **Attach explanation**
- _____ The parameter(s) is not likely to be present in storm water discharges and authorized non-storm water discharges in significant quantities based upon the facility operator's evaluation. **Attach explanation**
- _____ Other. **Attach explanation**
11. For each storm event sampled, attach a copy of the laboratory analytical reports and report the sampling and analysis results using **Form 1** or its equivalent. The following must be provided for each sample collected:
- Date and time of sample collection
 - Name and title of sampler
 - Parameters tested
 - Name of analytical testing laboratory
 - Discharge location identification
 - Testing results
 - Test methods used
 - Test detection limits
 - Date of testing
 - Copies of the laboratory analytical results

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ANNUAL REPORT

F. QUARTERLY VISUAL OBSERVATIONS

1. **Authorized Non-Storm Water Discharges**

Section B.3.b of the General Permit requires quarterly visual observations of all authorized non-storm water discharges and their sources.

a. Do authorized non-storm water discharges occur at your facility?

YES NO Go to Item F.2

b. Indicate whether you visually observed all authorized non-storm water discharges and their sources during the quarters when they were discharged. **Attach an explanation for any "NO" answers.** Indicate "N/A" for quarters without any authorized non-storm water discharges.

July-September YES NO N/A October-December YES NO N/A

January-March YES NO N/A April-June YES NO N/A

c. Use **Form 2** to report quarterly visual observations of authorized non-storm water discharges or provide the following information:

- i. name of each authorized non-storm water discharge
- ii. date and time of observation
- iii. source and location of each authorized non-storm water discharge
- iv. characteristics of the discharge at its source and impacted drainage area/discharge location
- v. name, title, and signature of observer
- vi. **any** new or revised BMPs necessary to reduce or prevent pollutants in authorized non-storm water discharges. Provide new or revised BMP implementation date.

2. **Unauthorized Non-Storm Water Discharges**

Section B.3.a of the General Permit requires quarterly visual observations of all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources.

a. Indicate whether you visually observed all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources. **Attach an explanation for any "NO" answers.**

July-September YES NO October-December YES NO

January-March YES NO April-June YES NO

b. Based upon the quarterly visual observations, were any unauthorized non-storm water discharges detected?

YES NO Go to Item F.2.d

c. Have each of the unauthorized non-storm water discharges been eliminated or permitted?

YES NO **Attach explanation**

d. Use **Form 3** to report quarterly unauthorized non-storm water discharge visual observations or provide the following information:

- i. name of each unauthorized non-storm water discharge
- ii. date and time of observation
- iii. source and location of each unauthorized non-storm water discharge
- iv. characteristics of the discharge at its source and impacted drainage area/discharge location
- v. name, title, and signature of observer
- vi. **any** corrective actions necessary to eliminate the source of each unauthorized non-storm water discharge and to clean impacted drainage areas. Provide date unauthorized non-storm water discharge(s) was eliminated or scheduled to be eliminated.

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G. MONTHLY WET SEASON VISUAL OBSERVATIONS

Section B.4.a of the General Permit requires you to conduct monthly visual observations of storm water discharges at all storm water discharge locations during the wet season. These observations shall occur during the first hour of discharge or, in the case of temporarily stored or contained storm water, at the time of discharge.

1. Indicate below whether monthly visual observations of storm water discharges occurred at all discharge locations. **Attach an explanation for any "NO" answers.** Include in this explanation whether any eligible storm events occurred during scheduled facility operating hours that did not result in a storm water discharge, and provide the date, time, name and title of the person who observed that there was no storm water discharge.

	YES	NO		YES	NO
October	<input checked="" type="checkbox"/>	<input type="checkbox"/>	February	<input checked="" type="checkbox"/>	<input type="checkbox"/>
November	<input checked="" type="checkbox"/>	<input type="checkbox"/>	March	<input checked="" type="checkbox"/>	<input type="checkbox"/>
December	<input checked="" type="checkbox"/>	<input type="checkbox"/>	April	<input checked="" type="checkbox"/>	<input type="checkbox"/>
January	<input checked="" type="checkbox"/>	<input type="checkbox"/>	May	<input checked="" type="checkbox"/>	<input type="checkbox"/>

2. Report monthly wet season visual observations using **Form 4** or provide the following information:

- a. date, time, and location of observation
- b. name and title of observer
- c. characteristics of the discharge (i.e., odor, color, etc.) and source of any pollutants observed
- d. **any new or revised BMPs necessary to reduce or prevent pollutants in storm water discharges.** Provide new or revised BMP implementation date.

ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION (ACSCE)

H. ACSCE CHECKLIST

Section A.9 of the General Permit requires the facility operator to conduct one ACSCE in each reporting period (July 1- June 30). Evaluations must be conducted within 8-16 months of each other. The SWPPP and monitoring program shall be revised and implemented, as necessary, within 90 days of the evaluation. The checklist below includes the minimum steps necessary to complete a ACSCE. Indicate whether you have performed each step below. **Attach an explanation for any "NO" answers.**

1. Have you inspected all potential pollutant sources and industrial activities areas? YES NO
The following areas should be inspected:

- | | |
|--|--|
| <ul style="list-style-type: none"> • areas where spills and leaks have occurred during the last year • outdoor wash and rinse areas • process/manufacturing areas • loading, unloading, and transfer areas • waste storage/disposal areas • dust/particulate generating areas • erosion areas | <ul style="list-style-type: none"> • building repair, remodeling, and construction • material storage areas • vehicle/equipment storage areas • truck parking and access areas • rooftop equipment areas • vehicle fueling/maintenance areas • non-storm water discharge generating areas |
|--|--|

2. Have you reviewed your SWPPP to assure that its BMPs address existing potential pollutant sources and industrial activities areas? YES NO

3. Have you inspected the entire facility to verify that the SWPPP's site map is up-to-date? The following site map items should be verified: YES NO

- | | |
|--|--|
| <ul style="list-style-type: none"> • facility boundaries • outline of all storm water drainage areas • areas impacted by run-on • storm water discharges locations | <ul style="list-style-type: none"> • storm water collection and conveyance system • structural control measures such as catch basins, berms, containment areas, oil/water separators, etc. |
|--|--|

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4. Have you reviewed all General Permit compliance records generated since the last annual evaluation? YES NO

The following records should be reviewed:

- quarterly authorized non-storm water discharge visual observations
- monthly storm water discharge visual observation
- records of spills/leaks and associated clean-up/response activities
- quarterly unauthorized non-storm water discharge visual observations
- Sampling and Analysis records
- preventative maintenance inspection and maintenance records

5. Have you reviewed the major elements of the SWPPP to assure compliance with the General Permit? YES NO

The following SWPPP items should be reviewed:

- pollution prevention team
- list of significant materials
- description of potential pollutant sources
- assessment of potential pollutant sources
- identification and description of the BMPs to be implemented for each potential pollutant source

6. Have you reviewed your SWPPP to assure that a) the BMPs are adequate in reducing or preventing pollutants in storm water discharges and authorized non-storm water discharges, and b) the BMPs are being implemented? YES NO

The following BMP categories should be reviewed:

- good housekeeping practices
- spill response
- employee training
- erosion control
- quality assurance
- preventative maintenance
- material handling and storage practices
- waste handling/storage
- structural BMPs

7. Has all material handling equipment and equipment needed to implement the SWPPP been inspected? YES NO

I. ACSCE EVALUATION REPORT

The facility operator is required to provide an evaluation report that includes:

- identification of personnel performing the evaluation
- the date(s) of the evaluation
- necessary SWPPP revisions
- schedule for implementing SWPPP revisions
- any incidents of non-compliance and the corrective actions taken

Use **Form 5** to report the results of your evaluation or develop an equivalent form.

J. ACSCE CERTIFICATION

The facility operator is required to certify compliance with the Industrial Activities Storm Water General Permit. To certify compliance, both the SWPPP and Monitoring Program must be up to date and be fully implemented.

Based upon your ACSCE, do you certify compliance with the Industrial Activities Storm Water General Permit? YES NO

If you answered "NO" **attach an explanation** to the ACSCE Evaluation Report why you are not in compliance with the Industrial Activities Storm Water General Permit.

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ANNUAL REPORT

ATTACHMENT SUMMARY

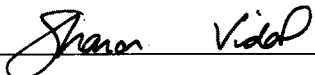
Answer the questions below to help you determine what should be attached to this annual report. Answer NA (Not Applicable) to questions 2-4 if you are not required to provide those attachments.

1. Have you attached Forms 1,2,3,4, and 5 or their equivalent? YES (Mandatory)
2. If you conducted sampling and analysis, have you attached the laboratory analytical reports? YES NO NA
3. If you checked box II, III, IV, or V in item D.2 of this Annual Report, have you attached the first page of the appropriate certifications? YES NO NA
4. Have you attached an explanation for each "NO" answer in items E.1, E.2, E.5-E.7, E.9, E.10.c, F.1.b, F.2.a, F.2.c, G.1, H.1-H.7, or J? YES NO NA

ANNUAL REPORT CERTIFICATION

I am duly authorized to sign reports required by the INDUSTRIAL ACTIVITIES STORM WATER GENERAL PERMIT (see Standard Provision C.9) and I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those person directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Printed Name: Sharon Vidal

Signature:  Date: 5/13/03

Title: Sr. Associate I, EH&S

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DESCRIPTION OF BASIC ANALYTICAL PARAMETERS

The Industrial Activities Storm Water General Permit (General Permit) requires you to analyze storm water samples for at least four parameters. These are pH, Total Suspended Solids (TSS), Specific Conductance (SC), and Total Organic Carbon (TOC). Oil and Grease (O&G) may be substituted for TOC. In addition, you must monitor for any other pollutants which you believe to be present in your storm water discharge as a result of industrial activity and analytical parameters listed in Table D of the General Permit. There are no numeric limitations for the parameters you test for.

The four parameters which the General Permit requires to be tested are considered *indicator* parameters. In other words, regardless of what type of facility you operate, these parameters are nonspecific and general enough to usually provide some indication whether pollutants are present in your storm water discharge. The following briefly explains what each of these parameters mean:

pH is a numeric measure of the hydrogen-ion concentration. The neutral, or acceptable, range is within 6.5 to 8.5. At values less than 6.5, the water is considered acidic; above 8.5 it is considered alkaline or basic. An example of an acidic substance is vinegar, and a alkaline or basic substance is liquid antacid. Pure rainfall tends to have a pH of a little less than 7. There may be sources of materials or industrial activities which could increase or decrease the pH of your storm water discharge. If the pH levels of your storm water discharge are high or low, you should conduct a thorough evaluation of all potential pollutant sources at your site.

Total Suspended Solids (TSS) is a measure of the undissolved solids that are present in your storm water discharge. Sources of TSS include sediment from erosion of exposed land, and dirt from impervious (i.e. paved) areas. Sediment by itself can be very toxic to aquatic life because it covers feeding and breeding grounds, and can smother organisms living on the bottom of a water body. Toxic chemicals and other pollutants also adhere to sediment particles. This provides a medium by which toxic or other pollutants end up in our water ways and ultimately in human and aquatic life. TSS levels vary in runoff from undisturbed land. It has been shown that TSS levels increase significantly due to land development.

Specific Conductance (SC) is a numerical expression of the ability of the water to carry an electric current. SC can be used to assess the degree of mineralization, salinity, or estimate the total dissolved solids concentration of a water sample. Because of air pollution, most rain water has a SC a little above zero. A high SC could affect the usability of waters for drinking, irrigation, and other commercial or industrial use.

Total Organic Carbon (TOC) is a measure of the total organic matter present in water. (All organic matter contains carbon) This test is sensitive and able to detect small concentrations of organic matter. Organic matter is naturally occurring in animals, plants, and man. Organic matter may also be man made (so called synthetic organics). Synthetic organics include pesticides, fuels, solvents, and paints. Natural organic matter utilizes the oxygen in a receiving water to biodegrade. Too much organic matter could place a significant oxygen demand on the water, and possibly impact its quality. Synthetic organics either do not biodegrade or biodegrade very slowly. Synthetic organics are a source of toxic chemicals that can have adverse affects at very low concentrations. Some of these chemicals bioaccumulate in aquatic life. If your levels of TOC are high, you should evaluate all sources of natural or synthetic organics you may use at your site.

Oil and Grease (O&G) is a measure of the amount of oil and grease present in your storm water discharge. At very low concentrations, O&G can cause a sheen (that floating "rainbow") on the surface of water (1 qt. of oil can pollute 250,000 gallons of water). O&G can adversely affect aquatic life and create unsightly floating material and film on water, thus making it undrinkable. Sources of O&G include maintenance shops, vehicles, machines and roadways.

If you have any questions regarding whether or not your constituent concentrations are too high, please contact your local Regional Board office. The United States Environmental Protection Agency (USEPA) has published stormwater discharge benchmarks for a number of parameters. These benchmarks may be helpful when evaluating whether additional BMPs are appropriate. These benchmarks can be accessed at our website at <http://www.swrcb.ca.gov>. It is contained in the Sampling and Analysis Reduction Certification.

See Storm Water Contacts at

<http://www.swrcb.ca.gov/stormwtr/contact.html>

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FORM 1-SAMPLING & ANALYSIS RESULTS

SIDE A

FIRST STORM EVENT

- If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: < .05)
- If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank
- When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box.
- Make additional copies of this form as necessary.

NAME OF PERSON COLLECTING SAMPLE(S): Sharon Vidal

TITLE: Sr. Assoc. I, EH&S

SIGNATURE: Sharon Vidal

DESCRIBE DISCHARGE LOCATION Example: NW Out Fall	DATE/TIME OF SAMPLE COLLECTION	TIME DISCHARGE STARTED	ANALYTICAL RESULTS For First Storm Event															
			BASIC PARAMETERS					OTHER PARAMETERS										
			PH	TSS	SC	O&G	TOC											
Torreyana Outfall #1 Parking lot area	11/08/2002 7:30 AM <input type="checkbox"/> AM <input type="checkbox"/> PM	7:15 AM <input type="checkbox"/> AM <input type="checkbox"/> PM	6.14	45	657	3.8	86.3											
Torreyana Outfall #2 (SE Corner) runoff from loading dock, waste storage, trash, etc.	11/08/2002 7:30 AM <input type="checkbox"/> AM <input type="checkbox"/> PM	7:15 AM <input type="checkbox"/> AM <input type="checkbox"/> PM	6.5	32	338	1.1	40.8											
Torreyana Outfall #3 (NE Corner) from parking lot	11/08/2002 7:30 AM <input type="checkbox"/> AM <input type="checkbox"/> PM	7:15 AM <input type="checkbox"/> AM <input type="checkbox"/> PM	6.47	12	131	<1.0	23.6											
TEST REPORTING UNITS:			pH Units	mg/l	umhol/cm	mg/l	mg/l											
TEST METHOD DETECTION LIMIT:			.05	1.0	1.0	1.0	.5											
TEST METHOD USED:			150.1	160.2	120.1	1664	415.2											
ANALYZED BY (SELF/LAB):			Diek Analytical	Diek Analytical	Diek Analytical	Diek Analytical	Diek Analytical											

TSS - Total Suspended Solids

SC - Specific Conductance

O&G - Oil & Grease

TOC - Total Organic Carbon

FORM 1-SAMPLING & ANALYSIS RESULTS
SECOND STORM EVENT

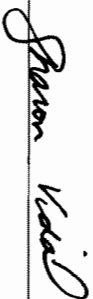
- If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: <.05)
- If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank

- When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box.

NAME OF PERSON COLLECTING SAMPLE(S): Sharon Vidal

TITLE: Sr. Assoc I. EH&S

SIGNATURE:



DESCRIBE DISCHARGE LOCATION Example: NW Out Fall	DATE/TIME OF SAMPLE COLLECTION	TIME DISCHARGE STARTED	ANALYTICAL RESULTS For Second Storm Event					OTHER PARAMETERS										
			BASIC PARAMETERS															
			PH	TSS	SC	O&G	TOC											
Torreyana Outfall #2 (SE Corner) runoff from loading dock, waste storage, trash, etc.	12 / 20 / 2002 7:00 AM <input checked="" type="checkbox"/> AM PM <input type="checkbox"/>	4:00 AM <input checked="" type="checkbox"/> AM PM <input type="checkbox"/>	6.76	14	52.6	<1.0	5.3											
Torreyana Outfall #3 (NE Corner) from parking lot	12/20/2002 7:00 AM <input checked="" type="checkbox"/> AM PM <input type="checkbox"/>	4:00 AM <input checked="" type="checkbox"/> AM PM <input type="checkbox"/>	6.33	8	14.7	<1.0	2.3											
TEST REPORTING UNITS:			pH Units	mg/l	umho/cm	mg/l	mg/l											
TEST METHOD DETECTION LIMIT:			.05	1.0	1.0	1.0	.5											
TEST METHOD USED:			150.1	160.2	120.1	1664	415.2											
ANALYZED BY (SELF/LAB):			Dtek Analytical	Dtek Analytical	Dtek Analytical	Dtek Analytical	Dtek Analytical											

TSS - Total Suspended Solids

SC - Specific Conductance

O&G - Oil & Grease

TOC - Total Organic Carbon

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SIDE A

FORM 2-QUARTERLY VISUAL OBSERVATIONS OF AUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)

- Quarterly dry weather observations are required of each authorized NSWD.
- Observe each authorized NSWD source, impacted drainage area, and discharge location.
- Authorized NSWDs must meet the conditions provided in Section D (pages 5-6), of the General Permit.
- Make additional copies of this form as necessary.

<p>QUARTER: JULY-SEPT. DATE: / /</p>	<p>Observers Name: _____ Title: _____ Signature: _____</p>	<p>WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER? <input type="checkbox"/> YES <input type="checkbox"/> NO If YES, complete reverse side of this form.</p>
<p>QUARTER: OCT.-DEC. DATE: / /</p>	<p>Observers Name: _____ Title: _____ Signature: _____</p>	<p>WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER? <input type="checkbox"/> YES <input type="checkbox"/> NO If YES, complete reverse side of this form.</p>
<p>QUARTER: JAN.-MARCH DATE: / /</p>	<p>Observers Name: _____ Title: _____ Signature: _____</p>	<p>WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER? <input type="checkbox"/> YES <input type="checkbox"/> NO If YES, complete reverse side of this form.</p>
<p>QUARTER: APRIL-JUNE DATE: / /</p>	<p>Observers Name: _____ Title: _____ Signature: _____</p>	<p>WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER? <input type="checkbox"/> YES <input type="checkbox"/> NO If YES, complete reverse side of this form.</p>

NDR APPROVED

2002-2003
ANNUAL REPORT

FORM 2-QUARTERLY VISUAL OBSERVATIONS OF AUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)

SIDE B

DATE / TIME OF OBSERVATION	SOURCE AND LOCATION OF AUTHORIZED NSWD	NAME OF AUTHORIZED NSWD	DESCRIBE AUTHORIZED NSWD CHARACTERISTICS		DESCRIBE ANY REVISED OR NEW BMPs AND PROVIDE THEIR IMPLEMENTATION DATE
			At the NSWD Source	At the NSWD Drainage Area and Discharge Location	
____ / ____ / ____ <input type="checkbox"/> AM <input type="checkbox"/> PM	EXAMPLE: Air conditioner Units on Building C	EXAMPLE: Air conditioner condensate			
____ / ____ / ____ <input type="checkbox"/> AM <input type="checkbox"/> PM					
____ / ____ / ____ <input type="checkbox"/> AM <input type="checkbox"/> PM					
____ / ____ / ____ <input type="checkbox"/> AM <input type="checkbox"/> PM					
____ / ____ / ____ <input type="checkbox"/> AM <input type="checkbox"/> PM					
____ / ____ / ____ <input type="checkbox"/> AM <input type="checkbox"/> PM					

Not Applicable

**FORM 3-QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED
ANNUAL REPORT
NON-STORM WATER DISCHARGES (NSWDs)**

- Unauthorized NSWDs are discharges (such as wash or rinse waters) that do not meet the conditions provided in Section D (pages 5-6) of the General Permit.
- Quarterly visual observations are required to observe current and detect prior unauthorized NSWDs.
- Quarterly visual observations are required during dry weather and at all facility drainage areas.
- Each unauthorized NSWD source, impacted drainage area, and discharge location must be identified and observed.
- Unauthorized NSWDs that can not be eliminated within 90 days of observation must be reported to the Regional Board in accordance with Section A.10.e of the General Permit.
- Make additional copies of this form as necessary.

<p>QUARTER: JULY-SEPT.</p> <p>DATE/TIME OF OBSERVATIONS 09/13/2002 9:00 AM <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM</p>	<p>Observers Name: Sharon Vidal Title: Sr. Assoc. I, EH&S Signature: <i>Sharon Vidal</i></p>	<p>WERE UNAUTHORIZED NSWDs OBSERVED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>If YES to either question, complete reverse side.</p>
<p>QUARTER: OCT.-DEC.</p> <p>DATE/TIME OF OBSERVATIONS 10/15 / 2002 10:00 AM <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM</p>	<p>Observers Name: Sharon Vidal Title: Sr. Assoc. I, EH&S Signature: <i>Sharon Vidal</i></p>	<p>WERE UNAUTHORIZED NSWDs OBSERVED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>If YES to either question, complete reverse side.</p>
<p>QUARTER: JAN.-MARCH</p> <p>DATE/TIME OF OBSERVATIONS 1/15/ 2003 10:00 AM <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM</p>	<p>Observers Name: Sharon Vidal Title: Sr. Assoc. I, EH&S Signature: <i>Sharon Vidal</i></p>	<p>WERE UNAUTHORIZED NSWDs OBSERVED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>If YES to either question, complete reverse side.</p>
<p>QUARTER: APRIL-JUNE</p> <p>DATE/TIME OF OBSERVATIONS 05/07/2003 9:00 AM <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM</p>	<p>Observers Name: Sharon Vidal Title: Sr. Assoc. I, EH&S Signature: <i>Sharon Vidal</i></p>	<p>WERE UNAUTHORIZED NSWDs OBSERVED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>If YES to either question, complete reverse side.</p>

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ANNUAL REPORT

SIDE B

FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)

OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD	SOURCE AND LOCATION OF UNAUTHORIZED NSWD	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.		DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
			AT THE UNAUTHORIZED NSWD SOURCE	AT THE UNAUTHORIZED NSWD AREA AND DISCHARGE LOCATION	
/ / : <input type="checkbox"/> AM <input type="checkbox"/> PM	EXAMPLE: Vehicle Wash Water	EXAMPLE: NW Corner of Parking Lot			
/ / : <input type="checkbox"/> AM <input type="checkbox"/> PM					
/ / : <input type="checkbox"/> AM <input type="checkbox"/> PM					
/ / : <input type="checkbox"/> AM <input type="checkbox"/> PM					

NOT APPROVED

2002-2003
ANNUAL REPORT

FORM 4-MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES

SIDE B

DATE/TIME OF OBSERVATION (From Reverse Side)	DRAINAGE AREA DESCRIPTION	DESCRIBE STORM WATER DISCHARGE CHARACTERISTICS	IDENTIFY AND DESCRIBE SOURCE(S) OF POLLUTANTS	DESCRIBE ANY REVISED OR NEW BMPs AND THEIR DATE OF IMPLEMENTATION
/ / : <input type="checkbox"/> AM <input type="checkbox"/> PM	EXAMPLE: Discharge from material storage Area #2	Indicate whether storm water discharge is clear, cloudy, or discolored; causing staining; containing floating objects or an oil sheen, has odors, etc.	EXAMPLE: Oil sheen caused by oil dripped by trucks in vehicle maintenance area.	
/ / : <input type="checkbox"/> AM <input type="checkbox"/> PM				
/ / : <input type="checkbox"/> AM <input type="checkbox"/> PM				
/ / : <input type="checkbox"/> AM <input type="checkbox"/> PM				
/ / : <input type="checkbox"/> AM <input type="checkbox"/> PM				

NOT APPLICABLE - NO POLLUTANTS OBSERVED

2002-2003
ANNUAL REPORT
FORM 4 (Continued)-MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES

SIDE A

- Storm water discharge visual observations are required for at least one storm event per month between October 1 and May 31.
- Visual observations must be conducted during the first hour of discharge at all discharge locations.
- Discharges of temporarily stored or contained storm water must be observed at the time of discharge.


- Indicate "None" in the first column of this form if you did not conduct a monthly visual observation.
- Make additional copies of this form as necessary.
- Until a monthly visual observation is made, record any eligible storm events that do not result in a storm water discharge and note the date, time, name, and title of who observed there was no storm water discharge.

Observation Date:	February 14 2003	March 17 2003	April 14 2003	May 7 2003
Observers Name:	Sharon Vidal	Sharon Vidal	Sharon Vidal	Sharon Vidal
Title:	SR. ASSOC 1, EHHS	SR. ASSOC 1, EHHS	SR. ASSOC 1, EHHS	SR. ASSOC 1, EHHS
Signature:	<i>Sharon Vidal</i>	<i>Sharon Vidal</i>	<i>Sharon Vidal</i>	<i>Sharon Vidal</i>
Observation Date:	February 14 2003	March 17 2003	April 14 2003	May 7 2003
Observers Name:	Sharon Vidal	Sharon Vidal	Sharon Vidal	Sharon Vidal
Title:	SR. ASSOC 1, EHHS	SR. ASSOC 1, EHHS	SR. ASSOC 1, EHHS	SR. ASSOC 1, EHHS
Signature:	<i>Sharon Vidal</i>	<i>Sharon Vidal</i>	<i>Sharon Vidal</i>	<i>Sharon Vidal</i>
Observation Date:	February 14 2003	March 17 2003	April 14 2003	May 7 2003
Observers Name:	Sharon Vidal	Sharon Vidal	Sharon Vidal	Sharon Vidal
Title:	SR. ASSOC 1, EHHS	SR. ASSOC 1, EHHS	SR. ASSOC 1, EHHS	SR. ASSOC 1, EHHS
Signature:	<i>Sharon Vidal</i>	<i>Sharon Vidal</i>	<i>Sharon Vidal</i>	<i>Sharon Vidal</i>

Observation Date:	February 14 2003	March 17 2003	April 14 2003	May 7 2003
Observation Time	9:00 P.M.	9:00 P.M.	9:00 P.M.	9:00 P.M.
Time Discharge Began	NO STORM EVENT	NO STORM EVENT	NO STORM EVENT	NO STORM EVENT
Were Pollutants Observed	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE
Drainage Location Description	#1 Torreyana Outfall #1 (parking lot)	#2 Torreyana Outfall #2 (drainage from waste storage area, loading dock, etc.) SE Corner	#3 Torreyana Outfall #3 (parking lot) NE Corner	#4
Observation Time	11:00 P.M.	11:00 P.M.	11:00 P.M.	11:00 P.M.
Time Discharge Began	10:00 A.M.	10:00 A.M.	10:00 A.M.	10:00 A.M.
Were Pollutants Observed	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>
Drainage Location Description	#1 Torreyana Outfall #1 (parking lot)	#2 Torreyana Outfall #2 (drainage from waste storage area, loading dock, etc.) SE Corner	#3 Torreyana Outfall #3 (parking lot) NE Corner	#4
Observation Time	9:00 P.M.	9:00 P.M.	9:00 P.M.	9:00 P.M.
Time Discharge Began	NO STORM EVENT	NO STORM EVENT	NO STORM EVENT	NO STORM EVENT
Were Pollutants Observed	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE
Drainage Location Description	#1 Torreyana Outfall #1 (parking lot)	#2 Torreyana Outfall #2 (drainage from waste storage area, loading dock, etc.) SE Corner	#3 Torreyana Outfall #3 (parking lot) NE Corner	#4
Observation Time	9:00 P.M.	9:00 P.M.	9:00 P.M.	9:00 P.M.
Time Discharge Began	NO STORM EVENT	NO STORM EVENT	NO STORM EVENT	NO STORM EVENT
Were Pollutants Observed	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE
Drainage Location Description	#1 Torreyana Outfall #1 (parking lot)	#2 Torreyana Outfall #2 (drainage from waste storage area, loading dock, etc.) SE Corner	#3 Torreyana Outfall #3 (parking lot) NE Corner	#4

FORM 4 (Continued)-MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES

SIDE B

DATE/TIME OF OBSERVATION (From Reverse Side)	DRAINAGE AREA DESCRIPTION	DESCRIBE STORM WATER DISCHARGE CHARACTERISTICS	IDENTIFY AND DESCRIBE SOURCE(S) OF POLLUTANTS	DESCRIBE ANY REVISED OR NEW BMPs AND THEIR DATE OF IMPLEMENTATION
/ / : □ □ AM PM				
/ / : □ □ AM PM				
/ / : □ □ AM PM				
/ / : □ □ AM PM				
/ / : □ □ AM PM				

NDT APPLICABLE - NO. POLLUTANTS OBSERVED

2002-2003
ANNUAL REPORT

FORM 5-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS

SIDE A

EVALUATION DATE: 4/21/03 INSPECTOR NAME: Sharon Vidal TITLE: Sr. Assoc. I, EHS SIGNATURE: Sharon Vidal

POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?	ARE ADDITIONAL/REVISED BMPs NECESSARY?	IF YES, TO EITHER QUESTION, COMPLETE THE NEXT TWO COLUMNS OF THIS FORM	Describe deficiencies in BMPs or BMP implementation	Describe additional/revise BMPs or corrective actions and their date(s) of implementation
INDUSTRIAL PROCESSES - DRUG MANUFACTURING	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		—	—
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) MATERIAL HANDLING & STORAGE AREAS	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	IF YES, TO EITHER QUESTION, COMPLETE THE NEXT TWO COLUMNS OF THIS FORM	Describe deficiencies in BMPs or BMP implementation	Describe additional/revise BMPs or corrective actions and their date(s) of implementation
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) MANUFACTURING WASTE MANAGEMENT SYSTEM (NEUTRALIZATION SYSTEM)	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	IF YES, TO EITHER QUESTION, COMPLETE THE NEXT TWO COLUMNS OF THIS FORM	Describe deficiencies in BMPs or BMP implementation	Describe additional/revise BMPs or corrective actions and their date(s) of implementation
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) COOLING TOWER, BOILER, & OTHER CHEMICALS (IN USE & STORAGE)	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	IF YES, TO EITHER QUESTION, COMPLETE THE NEXT TWO COLUMNS OF THIS FORM	Describe deficiencies in BMPs or BMP implementation	Describe additional/revise BMPs or corrective actions and their date(s) of implementation

2002-2003
ANNUAL REPORT

SIDE B

FORM 5 (Continued)-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS

EVALUATION DATE: 4/10/103

INSPECTOR NAME: Sharon Vail

TITLE: Se. Area 1, EHS

SIGNATURE: Sharon Vail

POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?	ARE ADDITIONAL/REVISED BMPs NECESSARY?	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?	ARE ADDITIONAL/REVISED BMPs NECESSARY?	Describe deficiencies in BMPs or BMP implementation	Describe additional/revise BMPs or corrective actions and their date(s) of implementation
EMERGENCY GENERATOR FUEL	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form			Describe additional/revise BMPs or corrective actions and their date(s) of implementation NEW BMP implemented Jan 30, 2003 requires steel drain valve to be closed during generator tank refueling operations.
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) Trash Receptacles	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) OIL, GREASE, FUEL FROM DELIVERY TRUCK	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) CLEANING / MOP BUCKET TRAY TRAYS	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form			

Supplemental Documentation for Stormwater Annual Report 2002 – 2003

Section E.4

Sampling was not collected at all outfall locations. See attached documentation previously submitted to the Regional Board regarding identical drainage areas.



IDEC Pharmaceuticals Corporation
3030 Callan Road
San Diego, CA 92121

April 22, 2003

California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA 92123-4340

Attention: Gloria Fulton
Sanitary Engineering Associate

Subject: Sampling Outfall Applicability Revision
Facility WDID # 9 37S-101-764

This letter provides notification to the Regional Board of a change in sampling protocol for storm water management at the 11011 Torreyana facility. The facility has three outfall locations on the property as referenced on the attached map.

In the 1997 –1998 Annual Report, IDEC notified the Regional Board that there were no authorized or unauthorized industrial discharges associated with discharge points #1 and #3. Idec notified the Board that the only runoff for these outfalls result from the parking areas. IDEC further stated that it was reasonable to conclude that all discharge points #1,2, 3 were identical. IDEC notified the Board that sampling indicated similar results at each location to support the information provided.

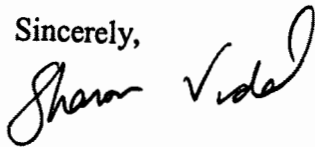
IDEC conducted sampling in 2002 and 2003 to validate sampling information from 1998 and found similar results. Sampling results indicated similar ranges in the data received from analytical testing.

In addition, IDEC received confirmation during a verbal phone conversation with Regional Board representative Gloria Fulton on March 6, 2003 that parking lot runoff is exempt from sampling requirements.

Based on the above information, IDEC has revised the sampling protocols in the Storm Water Pollution Prevention Plan for this facility. IDEC will continue to sample at Outfall #2 for future rain events. IDEC will continue to conduct visual observations at each outfall.

Please do not hesitate to contact me at 858-431-8221 with any questions. Thank you for your assistance in this matter.

Sincerely,

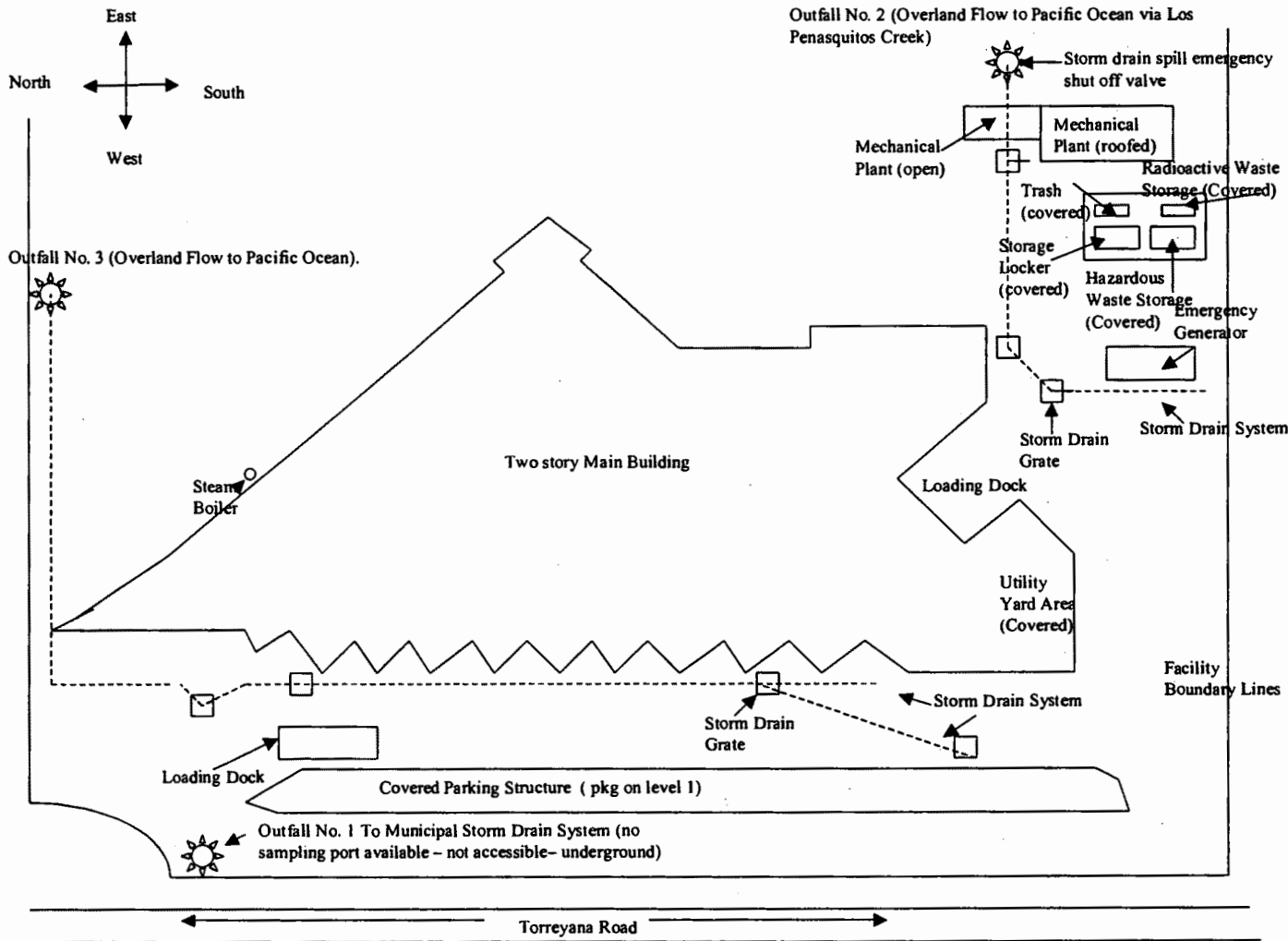


Sharon Vidal

cc: Joe Hess, IDEC Pharmaceuticals Corporation

Attachments:

- Site Map
- 1997-1998 Annual Report Notification
- Current Sampling Data



Supplemental Documentation for Stormwater Annual Report 2002 – 2003

Section E.6

Sampling conducted on December 20, 2002 was not collected during the first hour of discharge. The discharge began at 4:00 am prior to normal business operating hours. Sampling was conducted at the earliest possible time during business operating hours.

D-TEK ANALYTICAL LABORATORIES, INC.
9020 Kenamar Drive, Suite 205
San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

IDEC Pharmaceuticals Corp.
11011 Torreyana Road
San Diego, CA 92121

Date Sampled: 11/08/02
Date Received: 11/08/02
Date Reported: 11/25/02

Attn: Sharon Vidal

Project ID: Torrey Pines storm water event 1
Log Numbers: 02-5732 through 02-5737
Sample IDs: Outfall 1 Torrey pkg lot through Callan outfall 3

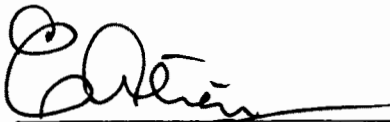
The following are attached:

- * Analytical Report
- * Quality Control Report
- * Chain-of-Custody

Testing was conducted using EPA or equivalent methods approved by the State of California Department of Health Services. All applicable QC met the required acceptance criteria.

Thank you for choosing D-TEK to serve your analytical needs!

Reviewed and approved:



Ellen Atienza
Operations Manager

D-TEK ANALYTICAL LABORATORIES, INC.
9020 Kenamar Drive, Suite 205
San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

IDEC Pharmaceuticals Corp.
11011 Torreyana Road
San Diego, CA 92121

Date Reported: 11/25/02
Date Sampled: 11/08/02
Date Received: 11/08/02
Sample Type: Water

Attn: Sharon Vidal

Project ID: Torrey Pines storm water event 1

Log Number: 02-5732
Sample ID: Outfall 1 Torrey pkg lot

ANALYTICAL RESULTS

Analysis	Results	Units	Method	Analyst/Date
Conductivity	657	umhos/cm	EPA 120.1	DR 11/11/02
Oil & Grease	3.8	mg/L	EPA1664	LS 11/15/02
pH	6.14	----	EPA 150.1	DR 11/08/02
TSS	45	mg/L	EPA160.2	DR 11/15/02
TOC	86.3	mg/L	EPA 415.2	JV 11/14/02

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IDEC Pharmaceuticals Corp.
11011 Torreyana Road
San Diego, CA 92121

Date Reported: 11/25/02
Date Sampled: 11/08/02
Date Received: 11/08/02
Sample Type: Water

Attn: Sharon Vidal

Project ID: Torrey Pines storm water event 1

Log Number: 02-5734
Sample ID: Torrey outfall 2

ANALYTICAL RESULTS

Analysis	Results	Units	Method	Analyst/Date
Conductivity	338	umhos/cm	EPA 120.1	DR 11/11/02
Oil & Grease	1.1	mg/L	EPA1664	LS 11/15/02
pH	6.50	----	EPA 150.1	DR 11/08/02
TSS	32	mg/L	EPA160.2	DR 11/15/02
TOC	40.8	mg/L	EPA 415.2	JV 11/14/02

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San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

IDEC Pharmaceuticals Corp.
11011 Torreyana Road
San Diego, CA 92121

Date Reported: 11/25/02
Date Sampled: 11/08/02
Date Received: 11/08/02
Sample Type: Water

Attn: Sharon Vidal

Project ID: Torrey Pines storm water event 1

Log Number: 02-5733
Sample ID: Torrey outfall 3

ANALYTICAL RESULTS

Analysis	Results	Units	Method	Analyst/Date
Conductivity	131	umhos/cm	EPA 120.1	DR 11/11/02
Oil & Grease	< 1.0	mg/L	EPA1664	LS 11/15/02
pH	6.47	----	EPA 150.1	DR 11/08/02
TSS	12	mg/L	EPA160.2	DR 11/15/02
TOC	23.6	mg/L	EPA 415.2	JV 11/14/02

D-TEK ANALYTICAL LABORATORIES, INC.
9020 Kenamar Drive, Suite 205
San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

QUALITY CONTROL DATA REPORT

Report Date: 11/25/02

Log Numbers: 02-5732 through 02-5737

- * **LCS** - Laboratory Control Sample. The LCS is a blank spiked with a known amount of method analyte(s) obtained from independent standards and is carried through all sample preparation and analytical procedures. Recoveries are calculated in order to evaluate method accuracy.
- * **Spike** - The spike is an actual sample spiked with a known amount of method analyte(s) and is carried through all sample preparation and analytical procedures. Recoveries are calculated in order to evaluate potential matrix interferences.
- * **RPD** = Rel % Difference = $((\text{Result 1} - \text{Result 2}) / \text{Average Result}) \times 100\%$
The RPD provides a measure of method precision by comparing analytical results of 2 duplicate samples.
- * **% Recovery** = $((\text{Spike Sample Result} - \text{Sample Result}) / \text{Spike Conc}) \times 100\%$
The result of the unspiked sample is treated as zero if it is less than established reporting limits.

D-TEK ANALYTICAL LABORATORIES, INC.
9020 Kenamar Drive, Suite 205
San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

QUALITY CONTROL DATA REPORT
Method(s): Inorganics

Report Date: 11/25/02

Log Numbers: 02-5732 through 02-5737

Analysis	Method	LCS % Recovery	Spike % Recovery	Duplicate RPD
Oil & Grease	EPA1664	93		
TOC	EPA 415.2	98	95	0

CHAIN OF CUSTODY

CUSTOMER INFORMATION		PROJECT INFORMATION		ANALYSIS REQUEST	
COMPANY: IDEC PHARMACEUTICALS CORP	CONTACT PERSON: SHARON VIDAL	PROJECT NAME/NUMBER: STORM WATER EVENT 1	BILL TO: IDEC	# OF CONTAINERS	
PROJECT MANAGER: SHARON VIDAL	CITY: SP CA 92121	ADDRESS: 3030 CALAN RD SAN DIEGO CA 92131	ZIP: 92121		
ADDRESS: 109910 TORREJANA RD	CITY: SP CA 92121	PHONE: 858 431-8221	PHONE: 858 431-8500		
PHONE: 858-431-8221		P.O.#: 30583			
FAX: 858-431-8174		SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE
D-TEK LOG #	SAMPLE # / SAMPLE IDENTIFICATION				
LAB USE ONLY	SAMPLE # / SAMPLE IDENTIFICATION				
	SAMPLE #1 OIL & GREASE TORREJANA RD	11/8/02	7:30 AM		
	#2 TSS TORREJANA RD	11/8/02	7:35		
	#3 TOC TORREJANA RD	11/8/02	7:40		
	#4 PH, EC TORREJANA RD	11/8/02	7:45		
	#5 DLG TORREJANA RD	11/8/02	7:50		
	#6 TSS TORREJANA RD	11/8/02	7:55		
	#7 TOC TORREJANA RD	11/8/02	7:55		
	#8 PH, EC TORREJANA RD	11/8/02	7:55		
	#9 DLG TORREJANA RD	11/8/02	8:00		
	#10 TSS TORREJANA RD	11/8/02	8:00		
<p>MEETS HOLDING TIME ?</p> <p>CORRECT CONTAINERS ?</p>					
1. RELINQUISHED BY		2. RELINQUISHED BY		3. RECEIVED BY	
DATE AND TIME: 11/8/02 4:32	SIGNATURE: [Signature]	DATE AND TIME: 11/8/02 1710	SIGNATURE: [Signature]	DATE AND TIME:	SIGNATURE:
PRINTED NAME: AUGIA ARELLANO	PRINTED NAME:	PRINTED NAME:	PRINTED NAME:	PRINTED NAME:	PRINTED NAME:
SAMPLE RECEIPT		SPECIAL INSTRUCTIONS		TAT	
RECEIVED IN ICE? YES/NO	TAPE SEAL INTACT Y/N/NA	PRESERVATIVE YES/NO/NA	PRECAUTIONS:		

-- ALL SAMPLES ARE SUBJECT TO TERMS AND CONDITIONS ON REVERSE SIDE --

D-TEK Analytical Laboratories, Inc.
 9020 Kenamar Drive, Suite 205
 SAN DIEGO, CA 92121

CHAIN OF CUSTODY

(858) 566-4540, FAX (858) 566-4542

CUSTOMER INFORMATION

PROJECT INFORMATION

ANALYSIS REQUEST

COMPANY: IDEC Pharmaceuticals Corporation

CONTACT PERSON: SHARON VIDAL

#

PROJECT MANAGER: SHARON VIDAL

PROJECT NAME/NUMBER: TOWER PILES

OF

ADDRESS: 10996 TEBEQUANA RD

BILLING INFORMATION

CONT

PHONE: 858-431-8221

BILL TO: IDEC

AIN

CITY: SD CA 92121

ADDRESS: 5030 COLLIER RD

S

ZIP: 92121

PHONE: 858 431 8500

FAX: 858-431-8774

P.O.#: 30583

LAB USE ONLY

PHONE: 858 431 8500

LAB USE ONLY

PHONE: 858 431 8500

SAMPLE # / SAMPLE IDENTIFICATION

PHONE: 858 431 8500

RES

D-TEK LOG #

PHONE: 858 431 8500

LAB USE ONLY

PHONE: 858 431 8500

LAB USE ONLY

PHONE: 858 431 8500

LAB USE ONLY

PHONE: 858 431 8500

LAB USE ONLY

PHONE: 858 431 8500

LAB USE ONLY

PHONE: 858 431 8500

LAB USE ONLY

PHONE: 858 431 8500

LAB USE ONLY

PHONE: 858 431 8500

LAB USE ONLY

PHONE: 858 431 8500

SAMPLE INTEGRITY

PHONE: 858 431 8500

1. RELINQUISHED BY

PHONE: 858 431 8500

2. RECEIVED BY

PHONE: 858 431 8500

3. RECEIVED BY

PHONE: 858 431 8500

DATE AND TIME:

PHONE: 858 431 8500

SIGNATURE:

PHONE: 858 431 8500

PRINTED NAME:

PHONE: 858 431 8500

DATE AND TIME:

PHONE: 858 431 8500

SIGNATURE:

PHONE: 858 431 8500

PRINTED NAME:

PHONE: 858 431 8500

MEETS HOLDING TIME ?

CORRECT CONTAINERS ?

SAMPLE RECEIPT

SPECIAL INSTRUCTIONS

TAT

DATE AND TIME: 11/2/02 8:32

DATE AND TIME: 11/8/02 1710

DATE AND TIME: 11/8/02 1710

DATE AND TIME: 11/8/02 1710

DATE AND TIME: 11/8/02 1710

SIGNATURE: [Signature]

SIGNATURE: [Signature]

SIGNATURE: [Signature]

SIGNATURE: [Signature]

SIGNATURE: [Signature]

PRINTED NAME: ALICIA ARETIO

PRINTED NAME: [Name]

PRINTED NAME: [Name]

PRINTED NAME: [Name]

PRINTED NAME: [Name]

DATE AND TIME: 11/5/02 4:32

DATE AND TIME: 11/8/02 1710

DATE AND TIME: 11/8/02 1710

DATE AND TIME: 11/8/02 1710

DATE AND TIME: 11/8/02 1710

SIGNATURE: [Signature]

SIGNATURE: [Signature]

SIGNATURE: [Signature]

SIGNATURE: [Signature]

SIGNATURE: [Signature]

PRINTED NAME: DAVID RYAN

PRINTED NAME: [Name]

PRINTED NAME: [Name]

PRINTED NAME: [Name]

PRINTED NAME: [Name]

DATE AND TIME: 11/5/02 4:32

DATE AND TIME: 11/8/02 1710

DATE AND TIME: 11/8/02 1710

DATE AND TIME: 11/8/02 1710

DATE AND TIME: 11/8/02 1710

SIGNATURE: [Signature]

SIGNATURE: [Signature]

SIGNATURE: [Signature]

SIGNATURE: [Signature]

SIGNATURE: [Signature]

PRINTED NAME: DAVID RYAN

PRINTED NAME: [Name]

PRINTED NAME: [Name]

PRINTED NAME: [Name]

PRINTED NAME: [Name]

OIL & GREASE
 TOC
 PH
 CONDUCTIVITY
 TSS

CHAIN OF CUSTODY

(858) 566-4540, FAX (858) 566-4542

CUSTOMER INFORMATION		PROJECT INFORMATION		ANALYSIS REQUEST	
COMPANY: IDEC Pharmaceuticals Corporation	CONTACT PERSON: SIMON VONL	PROJECT NAME/NUMBER: 50230 211110 121	OF #		
PROJECT MANAGER: SIMON VONL		BILLING INFORMATION: IDEC	CON		
ADDRESS: 10000 THERMOPAN 21	CITY: SD MS 90121	ADDRESS: 50230 211110 121	ON		
PHONE: 858 431 8201		PHONE: 858 431 8500	TA		
FAX: 858 431 8174		P.O.#: 405 13	IN		
D-TEK LOG #	SAMPLE # / SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	SAMPLE CONTAINER TYPE
	#11 TDC Tomy bottle 2	"Mts	8:00am		S
	#12 20 cc Tomy bottle 2	"Mts	8:10am		
	#13 1010 Gas Sample bottle 2	"Mts	8:10am		
	#14 TSS Sample Bn 2	"Mts	8:10am		
	#15 TDC Sample Bn 2	"Mts	8:10am		
	#16 piece Sample Bn 2	"Mts	8:10am		
	#17 20 cc Sample Bn 2	"Mts	8:20am		
	#18 TSS Sample Bn 2	"Mts	8:30am		
	#19 TDC Sample Bn 2	"Mts	8:30am		
	#20 pH ice Sample Bn 2	"Mts	1:20pm		
SAMPLE INTEGRITY		MEETS HOLDING TIME ?			
CORRECT CONTAINERS ?					
1. RELINQUISHED BY	DATE AND TIME	2. RELINQUISHED BY	DATE AND TIME	3. RELINQUISHED BY	DATE AND TIME
	11/12/02 9:32				
SIGNATURE: [Signature]		SIGNATURE: [Signature]		SIGNATURE: [Signature]	
PRINTED NAME: ALVIN JACOBS		PRINTED NAME:		PRINTED NAME:	
1. RECEIVED BY	DATE AND TIME	2. RECEIVED BY	DATE AND TIME	3. RECEIVED BY	DATE AND TIME
	11/18/02 9:32				
SIGNATURE: [Signature]		SIGNATURE: [Signature]		SIGNATURE: [Signature]	
PRINTED NAME: [Name]		PRINTED NAME:		PRINTED NAME:	
SAMPLE RECEIPT		RECEIVED IN ICE? YES/NO		TAPE SEAL INTACT Y/N/NA	
		Y/N		Y/N/NA	
PRECAUTIONS:					
SPECIAL INSTRUCTIONS					
TAT					

- ALL SAMPLES ARE SUBJECT TO TERMS AND CONDITIONS ON REVERSE SIDE -

CHAIN OF CUSTODY

CUSTOMER INFORMATION		PROJECT INFORMATION		ANALYSIS REQUEST					
COMPANY: <u>IBCC</u> <u>INTERIOR AIRS</u> <u>LABS</u> CONTACT PERSON: <u>SANEDU VITAL</u> PROJECT MANAGER: <u>SANEDU VITAL</u>		PROJECT NAME/NUMBER: <u>INDOOR AIR</u> BILLING INFORMATION: <u>STREHNATER</u> <u>EVENT 1</u>		# OF CONTAINERS: <u>16</u> OF: <u>TOX</u> <u>DEF</u> <u>EP (MAGNETIC)</u> <u>PC</u>					
ADDRESS: <u>10740 TOWNHOMES RD</u> <u>SD</u> <u>CA 92121</u> CITY: <u>SD</u> <u>CA 92121</u> ZIP: <u>92121</u> PHONE: <u>651-431-8221</u>		BILL TO: <u>IBCC</u> ADDRESS: <u>3020 CALVIN RD</u> <u>SAN DIEGO CA 92101</u> PHONE: <u>651-431-8500</u>							
FAX: <u>858-431-8174</u> D-TEK LOG # <u>8174</u> LAB USE ONLY		P.O.#: <u>30583</u> SAMPLE DATE: <u>11/10/03</u> SAMPLE TIME: <u>7:30 AM</u>		CONTAINER # <u>162508</u> MATRIX TYPE: <u>TOX</u> SPECIAL INSTRUCTIONS:					
SAMPLE INTEGRITY		MEETS HOLDING TIME ?		CORRECT CONTAINERS ?					
1. RELINQUISHED BY		2. RELINQUISHED BY		3. RELINQUISHED BY		SAMPLE RECEIPT		SPECIAL INSTRUCTIONS	
DATE AND TIME: <u>11/17/03</u> <u>4:32</u>	DATE AND TIME: <u>11/17/03</u> <u>4:32</u>	DATE AND TIME: <u>11/17/03</u> <u>4:32</u>	DATE AND TIME: <u>11/17/03</u> <u>4:32</u>	DATE AND TIME: <u>11/17/03</u> <u>4:32</u>	DATE AND TIME: <u>11/17/03</u> <u>4:32</u>	DATE AND TIME: <u>11/17/03</u> <u>4:32</u>	DATE AND TIME: <u>11/17/03</u> <u>4:32</u>	DATE AND TIME: <u>11/17/03</u> <u>4:32</u>	DATE AND TIME: <u>11/17/03</u> <u>4:32</u>
SIGNATURE: <u>[Signature]</u>	SIGNATURE: <u>[Signature]</u>	SIGNATURE: <u>[Signature]</u>	SIGNATURE: <u>[Signature]</u>	SIGNATURE: <u>[Signature]</u>	SIGNATURE: <u>[Signature]</u>	SIGNATURE: <u>[Signature]</u>	SIGNATURE: <u>[Signature]</u>	SIGNATURE: <u>[Signature]</u>	SIGNATURE: <u>[Signature]</u>
PRINTED NAME: <u>Walter Drake</u>	PRINTED NAME: <u>Walter Drake</u>	PRINTED NAME: <u>Walter Drake</u>	PRINTED NAME: <u>Walter Drake</u>	PRINTED NAME: <u>Walter Drake</u>	PRINTED NAME: <u>Walter Drake</u>	PRINTED NAME: <u>Walter Drake</u>	PRINTED NAME: <u>Walter Drake</u>	PRINTED NAME: <u>Walter Drake</u>	PRINTED NAME: <u>Walter Drake</u>
1. RECEIVED BY		2. RECEIVED BY		3. RECEIVED BY		RECEIVED IN ICE? YES/NO		TAPE SEAL INTACT Y/N/NA	
DATE AND TIME: <u>11/17/03</u> <u>4:32</u>	DATE AND TIME: <u>11/17/03</u> <u>4:32</u>	DATE AND TIME: <u>11/17/03</u> <u>4:32</u>	DATE AND TIME: <u>11/17/03</u> <u>4:32</u>	DATE AND TIME: <u>11/17/03</u> <u>4:32</u>	DATE AND TIME: <u>11/17/03</u> <u>4:32</u>	DATE AND TIME: <u>11/17/03</u> <u>4:32</u>	DATE AND TIME: <u>11/17/03</u> <u>4:32</u>	DATE AND TIME: <u>11/17/03</u> <u>4:32</u>	DATE AND TIME: <u>11/17/03</u> <u>4:32</u>
SIGNATURE: <u>[Signature]</u>	SIGNATURE: <u>[Signature]</u>	SIGNATURE: <u>[Signature]</u>	SIGNATURE: <u>[Signature]</u>	SIGNATURE: <u>[Signature]</u>	SIGNATURE: <u>[Signature]</u>	SIGNATURE: <u>[Signature]</u>	SIGNATURE: <u>[Signature]</u>	SIGNATURE: <u>[Signature]</u>	SIGNATURE: <u>[Signature]</u>
PRINTED NAME: <u>[Name]</u>	PRINTED NAME: <u>[Name]</u>	PRINTED NAME: <u>[Name]</u>	PRINTED NAME: <u>[Name]</u>	PRINTED NAME: <u>[Name]</u>	PRINTED NAME: <u>[Name]</u>	PRINTED NAME: <u>[Name]</u>	PRINTED NAME: <u>[Name]</u>	PRINTED NAME: <u>[Name]</u>	PRINTED NAME: <u>[Name]</u>

-- ALL SAMPLES ARE SUBJECT TO TERMS AND CONDITIONS ON REVERSE SIDE --

D-TEK ANALYTICAL LABORATORIES, INC.
9020 Kenamar Drive, Suite 205-
San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

IDEC Pharmaceuticals Corp.
11011 Torreyana Road
San Diego, CA 92121

Date Sampled: 12/20/02
Date Received: 12/20/02
Date Reported: 01/16/03

Attn: Sharon Vidal

Project ID: Storm Event 2 Torrey Pines
Log Numbers: 02-6537 through 02-6541
Sample IDs: Torreyana outfall 2 through Science Park outfall 2

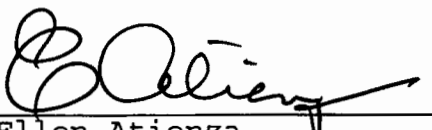
The following are attached:

- * Analytical Report
- * Quality Control Report
- * Chain-of-Custody

Testing was conducted using EPA or equivalent methods approved by the State of California Department of Health Services. All applicable QC met the required acceptance criteria.

Thank you for choosing D-TEK to serve your analytical needs!

Reviewed and approved:


Ellen Atienza
Operations Manager

D-TEK ANALYTICAL LABORATORIES, INC.
9020 Kenamar Drive, Suite 205
San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

IDEC Pharmaceuticals Corp.
11011 Torreyana Road
San Diego, CA 92121

Date Reported: 01/16/03
Date Sampled: 12/20/02
Date Received: 12/20/02
Sample Type: Water

Attn: Sharon Vidal

Project ID: Storm Event 2 Torrey Pines

Log Number: 02-6537
Sample ID: Torreyana outfall 2

ANALYTICAL RESULTS

Analysis	Results	Units	Method	Analyst/Date
Conductivity	52.6	umhos/cm	EPA 120.1	DR 12/23/02
Oil & Grease	< 1.0	mg/L	EPA 1664	LS 12/23/02
TRPH	< 0.5	mg/L	EPA418.1	EA 01/02/03
pH	6.76	----	EPA 150.1	DR 12/21/02
TSS	14	mg/L	EPA 160.2	DR 12/26/02
TOC	5.3	mg/L	EPA 415.2	JV 01/14/03

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IDEC Pharmaceuticals Corp.
11011 Torreyana Road
San Diego, CA 92121

Date Reported: 01/16/03
Date Sampled: 12/20/02
Date Received: 12/20/02
Sample Type: Water

Attn: Sharon Vidal

Project ID: Storm Event 2 Torrey Pines

Log Number: 02-6538
Sample ID: Torreyana outfall 3

ANALYTICAL RESULTS

Analysis	Results	Units	Method	Analyst/Date
Conductivity	14.7	umhos/cm	EPA 120.1	DR 12/23/02
Oil & Grease	< 1.0	mg/L	EPA 1664	LS 12/23/02
pH	6.33	----	EPA 150.1	DR 12/21/02
TSS	8	mg/L	EPA 160.2	DR 12/26/02
TOC	2.3	mg/L	EPA 415.2	JV 01/14/03

D-TEK ANALYTICAL LABORATORIES, INC.
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San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

QUALITY CONTROL DATA REPORT

Report Date: 01/16/03

Log Numbers: 02-6537 through 02-6541

- * **LCS** - Laboratory Control Sample. The LCS is a blank spiked with a known amount of method analyte(s) obtained from independent standards and is carried through all sample preparation and analytical procedures. Recoveries are calculated in order to evaluate method accuracy.
- * **Spike** - The spike is an actual sample spiked with a known amount of method analyte(s) and is carried through all sample preparation and analytical procedures. Recoveries are calculated in order to evaluate potential matrix interferences.
- * **RPD** = Rel % Difference = $((\text{Result 1} - \text{Result 2}) / \text{Average Result}) \times 100\%$
The RPD provides a measure of method precision by comparing analytical results of 2 duplicate samples.
- * **% Recovery** = $((\text{Spike Sample Result} - \text{Sample Result}) / \text{Spike Conc}) \times 100\%$
The result of the unspiked sample is treated as zero if it is less than established reporting limits.

D-TEK ANALYTICAL LABORATORIES, INC.
9020 Kenamar Drive, Suite 205
San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

QUALITY CONTROL DATA REPORT
Method(s): Inorganics

Report Date: 01/16/03

Log Numbers: 02-6537 through 02-6541

Analysis	Method	LCS % Recovery	Spike % Recovery	Duplicate RPD
Oil & Grease	EPA 1664	95		
	EPA 1664	95		
TRPH	EPA418.1	88		
TOC	EPA 415.2	100	95	5

D-TEK Analytical Laboratories, Inc.
 9020 Kenamar Drive, Suite 205
 SAN DIEGO, CA 92121

CHAIN OF CUSTODY

COC no. 3994
 PAGE 1 OF 2

(858) 566-4540, FAX (858) 566-4542

CUSTOMER INFORMATION		CONTACT PERSON: <u>SWAYNE VIDAL</u>		PROJECT INFORMATION		ANALYSIS REQUEST	
COMPANY: <u>IDEA Puertacountals</u>		PROJECT MANAGER: <u>SWAYNE VIDAL</u>		PROJECT NAME/NUMBER: <u>STW1 GENT 2 Toney</u>		# OF CONTAINERS	
PROJECT MANAGER: <u>SUNSON VIDAL</u>		CITY: <u>SD CA 92121</u>		BILLING INFORMATION: <u>Pipes</u>		BILLING INFORMATION	
ADDRESS: <u>10996 Tomiyana Rd</u>		CITY: <u>SD CA 92121</u>		BILL TO: <u>IDEA</u>		CONTAINER TYPE	
PHONE: <u>858 431 8221</u>		ADDRESS: <u>3030 Colton Rd</u>		ADDRESS: <u>SD CA 92121</u>		CONTAINER TYPE	
FAX: <u>858 431 8174</u>		PHONE: <u>858 431 8221</u>		P.O.#:		CONTAINER TYPE	
D-TEK LOG #		SAMPLE # / SAMPLE IDENTIFICATION		SAMPLE DATE		SAMPLE TIME	
LAB USE ONLY		SAMPLE # / SAMPLE IDENTIFICATION		SAMPLE DATE		SAMPLE TIME	
	#1 Tomiyana outfall 2 TSS	12/20	7:00am				
	#2 Tomiyana outfall 2 pH conductivity	12/20	7:05am				
	#3 Tomiyana outfall 2 TOC	12/20	7:05am				
	#4 Tomiyana outfall 2 Oil & Grease	12/20	7:05am				
	#5 Tomiyana outfall 3 TOC	12/20	7:15am				
	#6 Tomiyana outfall 3 Oil & Grease	12/20	7:15am				
	#7 Tomiyana outfall 3 pH conductivity	12/20	7:15am				
	#8 Tomiyana outfall 3 TSS	12/20	7:15am				
	#9 Colton outfall 3 TSS	12/20	7:25am				
	#10 Colton outfall 3 pH conductivity	12/20	7:25am				
SAMPLE INTEGRITY		MEETS HOLDING TIME ?		CORRECT CONTAINERS ?			
1. RELINQUISHED BY		2. RELINQUISHED BY		3. RELINQUISHED BY		SAMPLE RECEIPT	
PRINTED NAME: <u>YOD Lewis</u>		PRINTED NAME:		PRINTED NAME:		RECEIVED IN ICE? Y/N NA	
SIGNATURE: <u>[Signature]</u>		SIGNATURE:		SIGNATURE:		TAPE SEAL INTACT Y/N NA	
DATE AND TIME: <u>12/20/02 3:45</u>		DATE AND TIME:		DATE AND TIME:		PRESERVATIVE YES/NO NA	
1. RECEIVED BY		2. RECEIVED BY		3. RECEIVED BY		pH VERIFIED: YES/NO NA	
PRINTED NAME: <u>TIM CAMMON</u>		PRINTED NAME:		PRINTED NAME:		Recorded temp _____	
SIGNATURE: <u>[Signature]</u>		SIGNATURE:		SIGNATURE:		TAT	
DATE AND TIME: <u>12/20/02 15:45</u>		DATE AND TIME:		DATE AND TIME:			

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D-TEK Analytical Laboratories, Inc.
 9020 Kenamar Drive, Suite 205
 SAN DIEGO, CA 92121

CHAIN OF CUSTODY

COC no. 3994
 PAGE 2 OF 2

(858) 566-4540, FAX (858) 566-4542

CUSTOMER INFORMATION		CONTACT PERSON:		PROJECT INFORMATION		PROJECT NAME/NUMBER		BILLING INFORMATION		ANALYSIS REQUEST	
COMPANY: IDEC Pharmaceuticals		CONTACT PERSON: SHARON VIDAL		PROJECT NAME/NUMBER: STAN BRISTOL TORREY PINES		BILLING INFORMATION		BILL TO: IDEC		ANALYSIS REQUEST	
PROJECT MANAGER: SHARON VIDAL		CITY: SD CA 92121		ADDRESS: 3030 CALVAN RD		STATE: SD		CITY: CA 92121		ANALYSIS REQUEST	
ADDRESS: 10996 TORREY PINES RD		CITY: SD CA 92121		STATE: SD		CITY: CA 92121		ANALYSIS REQUEST		ANALYSIS REQUEST	
PHONE: 858 431 8174		FAX: 858 431 8500		P.O. #:		PHONE: 858 431 8500		FAX: 858 431 8500		ANALYSIS REQUEST	
D-TEK LOG #	LAB USE ONLY	SAMPLE # / SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	RECEIVED	PH	CONDUCTIVITY	Oil & Grease	ANALYSIS REQUEST
		#11 Callan 3 oil & grease	12/20/02	7:25 AM							
		#12 Callan 3 TOC	12/20/02	7:25 AM							
		#13 Science Park 3 pH, conductivity	12/20/02	7:35 AM							
		#14 Science Park 3 oil & grease	12/20/02	7:35 AM							
		#15 Science Park 3 TSS	12/20/02	7:35 AM							
		#16 Science Park 3 TOC	12/20/02	7:35 AM							
		#17 Science Park 2 oil & grease	12/20/02	7:45 AM							
		#18 Science Park 2 TOC	12/20/02	7:45 AM							
		#19 Science Park Boston 2 TSS	12/20/02	7:45 AM							
		#20 Science Park 2 oil & grease	12/20/02	7:45 AM							
MEETS HOLDING TIME ?											
CORRECT CONTAINERS ?											
1. RELINQUISHED BY		2. RELINQUISHED BY		3. RELINQUISHED BY		SAMPLE RECEIPT		SPECIAL INSTRUCTIONS			
PRINTED NAME: D. Lewis		PRINTED NAME:		PRINTED NAME:		RECEIVED IN ICE? Y/N NA					
SIGNATURE: <i>D. Lewis</i>		SIGNATURE:		SIGNATURE:		TAPE SEAL INTACT Y/N NA					
DATE AND TIME: 12/20/02 3:45		DATE AND TIME:		DATE AND TIME:		PRESERVATIVE YES/NO NA					
1. RECEIVED BY		2. RECEIVED BY		3. RECEIVED BY		PH VERIFIED YES/NO NA					
PRINTED NAME: Tim Cannon		PRINTED NAME:		PRINTED NAME:		Recorded temp					
SIGNATURE: <i>Tim Cannon</i>		SIGNATURE:		SIGNATURE:							
DATE AND TIME: 12/20/02 1545		DATE AND TIME:		DATE AND TIME:							

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D-TEK Analytical Laboratories, Inc.
 9020 Kenamar Drive, Suite 205
 SAN DIEGO, CA 92121

CHAIN OF CUSTODY

COC no. _____
 PAGE 1 OF 2

(858) 566-4540, FAX (858) 566-4542

CUSTOMER INFORMATION		PROJECT INFORMATION		ANALYSIS REQUEST											
COMPANY: <u>IDEA QUANTACEUTICALS</u>	CONTACT PERSON: <u>SHARON VIDAL</u>	PROJECT NAME/NUMBER: <u>SWMT GRM 2 Tmpy</u>	# OF CONTAINERS: <u>1</u>												
PROJECT MANAGER: <u>Suzanne Vidal</u>		BILLING INFORMATION: <u>Pines</u>													
ADDRESS: <u>10996 Torreyana Rd</u>	CITY: <u>SD CA 92121</u>	BILL TO: <u>10300</u>	ADDRESS: <u>3030 Colton Rd</u>												
ONE: <u>858 431 8221</u>		PHONE: <u>619 431 8500</u>													
FAX: <u>858 431 8174</u>		P.O.#:													
D-TEK LOG #	LAB USE ONLY	SAMPLE # / SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	ANALYSIS REQUEST	RECEIVED IN ICE?	TAPE SEAL INTACT?	PRESERVATIVE YES/NO	PH VERIFIED YES/NO	SPECIAL INSTRUCTIONS			
		#1 Torreyana offball 2 TSS	12/20	7:00am			TSS								
		#2 Torreyana offball 2 pH, conductivity	12/20	7:05am			TOC								
		#3 Torreyana offball 2 TDC	12/20	7:05am			pH								
		#4 Torreyana offball 2 Oil & Grease	12/20	7:05am			CONDUCTIVITY								
		#5 Torreyana offball 3 TDC	12/20	7:15am			Oil & Grease								
		#6 Torreyana offball 3 Oil & Grease	12/20	7:15am											
		#7 Torreyana offball 3 pH, conductivity	12/20	7:15am											
		#8 Torreyana offball 3 TSS	12/20	7:15am											
		#9 Colton offball 3 TSS	12/20	7:25am											
		#10 Colton offball 3 pH, conductivity	12/20	7:25am											
		MEETS HOLDING TIME ?													
		CORRECT CONTAINERS ?													
1. RELINQUISHED BY		2. RELINQUISHED BY		3. RELINQUISHED BY		SAMPLE RECEIPT		RECEIVED IN ICE?		TAPE SEAL INTACT?		PRESERVATIVE YES/NO		PH VERIFIED YES/NO	
PRINTED NAME: <u>Bob Lewis</u>	PRINTED NAME: _____	PRINTED NAME: _____	PRINTED NAME: _____	PRINTED NAME: _____	PRINTED NAME: _____	PRINTED NAME: _____	PRINTED NAME: _____	PRINTED NAME: _____	PRINTED NAME: _____	PRINTED NAME: _____	PRINTED NAME: _____	PRINTED NAME: _____	PRINTED NAME: _____	PRINTED NAME: _____	PRINTED NAME: _____
SIGNATURE: <u>[Signature]</u>	SIGNATURE: _____	SIGNATURE: _____	SIGNATURE: _____	SIGNATURE: _____	SIGNATURE: _____	SIGNATURE: _____	SIGNATURE: _____	SIGNATURE: _____	SIGNATURE: _____	SIGNATURE: _____	SIGNATURE: _____	SIGNATURE: _____	SIGNATURE: _____	SIGNATURE: _____	SIGNATURE: _____
DATE AND TIME: <u>12/20/02 3:45</u>	DATE AND TIME: _____	DATE AND TIME: _____	DATE AND TIME: _____	DATE AND TIME: _____	DATE AND TIME: _____	DATE AND TIME: _____	DATE AND TIME: _____	DATE AND TIME: _____	DATE AND TIME: _____	DATE AND TIME: _____	DATE AND TIME: _____	DATE AND TIME: _____	DATE AND TIME: _____	DATE AND TIME: _____	DATE AND TIME: _____
1. RECEIVED BY		2. RECEIVED BY		3. RECEIVED BY		Recorded temp _____									
PRINTED NAME: <u>Tim Cannon</u>	PRINTED NAME: _____	PRINTED NAME: _____	PRINTED NAME: _____	PRINTED NAME: _____	PRINTED NAME: _____										
SIGNATURE: <u>[Signature]</u>	SIGNATURE: _____	SIGNATURE: _____	SIGNATURE: _____	SIGNATURE: _____	SIGNATURE: _____										
DATE AND TIME: <u>12/20/02 15:45</u>	DATE AND TIME: _____	DATE AND TIME: _____	DATE AND TIME: _____	DATE AND TIME: _____	DATE AND TIME: _____										

- ALL SAMPLES ARE SUBJECT TO TERMS AND CONDITIONS ON REVERSE SIDE -

CHAIN OF CUSTODY

(858) 566-4540, FAX (858) 566-4542

CUSTOMER INFORMATION		PROJECT INFORMATION		ANALYSIS REQUEST		
COMPANY: IDEC	CONTACT PERSON: SHARON VIDAL	PROJECT NAME/NUMBER: SDM E/S/IT 2 Torrey Pines	# OF CONTAINERS: 1			
PROJECT MANAGER: SHARON VIDAL		BILLING INFORMATION: IDEC				
ADDRESS: 109910 Torrey Pines Rd SD CA 92121	CITY: SD	ZIP: 92121				
PHONE: 858 431 8221	FAX: 858 431 8174	PHONE: 858 431 8500				
		P.O.#:				
		ADDRESS: 3030 CIVIAN RD SD CA 92121				
LAB USE ONLY	SAMPLE # / SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	ANALYSIS REQUEST
	#11 Callan overall 3 Oil & Grease	12/20/02	7:25 AM			TSS, TOC, PH, CONDUCTIVITY, Oil & Grease
	#12 Callan overall 3 TOC	12/20	7:25			
	#13 Science Park overall 3 pH/conductivity	12/20	7:35 AM			
	#14 Science Park overall 3 Oil & Grease	12/20	7:35 AM			
	#15 Science Park overall 3 TSS	12/20	7:35 AM			
	#16 Science Park overall 3 TOC	12/20	7:35			
	#17 Science Park overall 2 Oil & Grease	12/20	7:45			
	#18 Science Park overall 2 TOC	12/20	7:45			
	#19 Science Park overall 2 TSS	12/20	7:45			
	#20 Science Park overall 2 Oil & Grease	12/20	7:45			
MEETS HOLDING TIME ?						
CORRECT CONTAINERS ?						
1. RELINQUISHED BY		2. RELINQUISHED BY		3. RELINQUISHED BY		
PRINTED NAME: D. Lewis	PRINTED NAME:	PRINTED NAME:	PRINTED NAME:	PRINTED NAME:	PRINTED NAME:	
SIGNATURE: [Signature]	SIGNATURE:	SIGNATURE:	SIGNATURE:	SIGNATURE:	SIGNATURE:	
DATE AND TIME: 12/20/02 3:45	DATE AND TIME:	DATE AND TIME:	DATE AND TIME:	DATE AND TIME:	DATE AND TIME:	
SAMPLE RECEIPT		SPECIAL INSTRUCTIONS		TAT		
RECEIVED IN ICE? Y/N	TAPE SEAL INTACT Y/N	PH VERIFIED YES/NO NA	Recorded temp _____			

- ALL SAMPLES ARE SUBJECT TO TERMS AND CONDITIONS ON REVERSE SIDE -

AR Logged on 7/2/04 by NP
Review by WJG on 8-9-04
WQ Priority? (Y) N
Inspection: 1 (2) 3 other
No Issues, just file Y

State of California
STATE WATER RESOURCES CONTROL BOARD

SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD

2003-2004
ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

2004 JUL -1 P 1:41

RP 7-2-04

Reporting Period July 1, 2003 through June 30, 2004

An annual report is required to be submitted to your local Regional Water Quality Control Board (Regional Board) by July 1 of each year. This document must be certified and signed, under penalty of perjury, by the appropriate official of your company. Many of the Annual Report questions require an explanation. Please provide explanations on a separate sheet as an attachment. **Retain a copy of the completed Annual Report for your records.**

Please circle or highlight any information contained in Items A, B, and C below that is new or revised so we can update our records. Please remember that a Notice of Termination and new Notice of Intent are required whenever a facility operation is relocated or changes ownership.

If you have any questions, please contact your Regional Board Industrial Storm Water Permit Contact. The names, telephone numbers and e-mail addresses of the Regional Board contacts, as well as the Regional Board office addresses can be found at <http://www.swrcb.ca.gov/stormwtr/contact.html>. To find your Regional Board information, match the first digit of your WDID number with the corresponding number that appears in parenthesis on the first line of each Regional Board office.

GENERAL INFORMATION:

A. Facility Information: Facility Business Name: Biogen Idec Inc. Facility WDID No: 9371010764
Physical Address: 11011 Torreyana Road Contact Person: Gary A. Merrill
City: San Diego e-mail: gary.merrill@biogenidec.com
Standard Industrial Classification (SIC) Code(s): 2836 CA Zip: 92121 Phone: 760-231-2427
Drugs

B. Facility Operator Information: Operator Name: Biogen Idec Inc. Contact Person: Joseph Hess
Mailing Address: One Antibody Way e-mail: Joseph.Hess@biogenidec.com
City: Oceanside State: CA Zip: 92056 Phone: 760-231-2491

C. Facility Billing Information: Operator Name: Biogen Idec Inc. Contact Person: Gary A. Merrill
Mailing Address: One Antibody Way e-mail: gary.merrill@biogenidec.com
City: Oceanside, State: CA Zip: 92056 Phone: 760-231-2427

ANNUAL REPORT**SPECIFIC INFORMATION****MONITORING AND REPORTING PROGRAM****D. SAMPLING AND ANALYSIS EXEMPTIONS AND REDUCTIONS**

1. For the reporting period, was your facility exempt from collecting and analyzing samples from **two** storm events in accordance with sections B.12 or 15 of the General Permit?

YES Go to Item D.2

NO Go to Section E

2. Indicate the reason your facility is exempt from collecting and analyzing samples from **two** storm events. Attach a copy of the first page of the appropriate certification if you check boxes ii, iii, iv, or v.

- i. Participating in an Approved Group Monitoring Plan

Group Name: _____

- ii. Submitted No Exposure Certification (NEC)

Date Submitted: ____/____/____

Re-evaluation Date: ____/____/____

Does facility continue to satisfy NEC conditions?

YES

NO

- iii. Submitted Sampling Reduction Certification (SRC)

Date Submitted: ____/____/____

Re-evaluation Date: ____/____/____

Does facility continue to satisfy SRC conditions?

YES

NO

- iv. Received Regional Board Certification

Certification Date: ____/____/____

- v. Received Local Agency Certification

Certification Date: ____/____/____

3. If you checked boxes i or iii above, were you scheduled to sample **one** storm event during the reporting year?

YES Go to Section E

NO

Go to Section F

4. If you checked boxes ii, iv, or v, go to Section F.

E. SAMPLING AND ANALYSIS RESULTS

1. How many storm events did you sample? 2

If less than 2, **attach explanation** (if you checked item D.2.i or iii. above, only attach explanation if you answer "0").

2. Did you collect storm water samples from the first storm of the wet season that produced a discharge during scheduled facility operating hours? (Section B.5 of the General Permit)

YES

NO

attach explanation (Please note that if you do not sample the first storm event, you are still required to sample 2 storm events)

3. How many storm water discharge locations are at your facility? 2

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4. For each storm event sampled, did you collect and analyze a sample from each of the facility's' storm water discharge locations? YES, go to Item E.6 NO
5. Was sample collection or analysis reduced in accordance with Section B.7.d of the General Permit? YES NO, attach explanation
If "YES", attach documentation supporting your determination that two or more drainage areas are substantially identical.
Date facility's drainage areas were last evaluated ___ / ___ / ___
6. Were all samples collected during the first hour of discharge? YES NO, attach explanation
7. Was all storm water sampling preceded by three (3) working days without a storm water discharge? YES NO, attach explanation
8. Were there any discharges of storm water that had been temporarily stored or contained? (such as from a pond) YES NO, go to Item E.10
9. Did you collect and analyze samples of temporarily stored or contained storm water discharges from two storm events? (or one storm event if you checked item D.2.i or iii. above) YES NO, attach explanation
10. Section B.5. of the General Permit requires you to analyze storm water samples for pH, Total Suspended Solids (TSS), Specific Conductance (SC), Total Organic Carbon (TOC) or Oil and Grease (O&G), other pollutants likely to be present in storm water discharges in significant quantities, and analytical parameters listed in Table D of the General Permit.
- a. Does Table D contain any additional parameters related to your facility's SIC code(s)? YES NO, Go to Item E.11
- b. Did you analyze all storm water samples for the applicable parameters listed in Table D? YES NO
- c. If you did not analyze all storm water samples for the applicable Table D parameters, check one of the following reasons:
- _____ In prior sampling years, the parameter(s) have not been detected in significant quantities from two consecutive sampling events. **Attach explanation**
- _____ The parameter(s) is not likely to be present in storm water discharges and authorized non-storm water discharges in significant quantities based upon the facility operator's evaluation. **Attach explanation**
- _____ Other. **Attach explanation**
11. For each storm event sampled, attach a copy of the laboratory analytical reports and report the sampling and analysis results using Form 1 or its equivalent. The following must be provided for each sample collected:
- Date and time of sample collection
 - Name and title of sampler
 - Parameters tested
 - Name of analytical testing laboratory
 - Discharge location identification
 - Testing results
 - Test methods used
 - Test detection limits
 - Date of testing
 - Copies of the laboratory analytical results

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F. QUARTERLY VISUAL OBSERVATIONS

1. Authorized Non-Storm Water Discharges

Section B.3.b of the General Permit requires quarterly visual observations of all authorized non-storm water discharges and their sources.

a. Do authorized non-storm water discharges occur at your facility?

YES NO Go to Item F.2

b. Indicate whether you visually observed all authorized non-storm water discharges and their sources during the quarters when they were discharged. Attach an explanation for any "NO" answers. Indicate "N/A" for quarters without any authorized non-storm water discharges.

July-September YES NO N/A October-December YES NO N/A

January-March YES NO N/A April-June YES NO N/A

c. Use Form 2 to report quarterly visual observations of authorized non-storm water discharges or provide the following information:

- i. name of each authorized non-storm water discharge
- ii. date and time of observation
- iii. source and location of each authorized non-storm water discharge
- iv. characteristics of the discharge at its source and impacted drainage area/discharge location
- v. name, title, and signature of observer
- vi. any new or revised BMPs necessary to reduce or prevent pollutants in authorized non-storm water discharges. Provide new or revised BMP implementation date.

2. Unauthorized Non-Storm Water Discharges

Section B.3.a of the General Permit requires quarterly visual observations of all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources.

a. Indicate whether you visually observed all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources. Attach an explanation for any "NO" answers.

July-September YES NO October-December YES NO

January-March YES NO April-June YES NO

b. Based upon the quarterly visual observations, were any unauthorized non-storm water discharges detected?

YES NO Go to Item F.2.d

c. Have each of the unauthorized non-storm water discharges been eliminated or permitted?

YES NO Attach explanation

d. Use Form 3 to report quarterly unauthorized non-storm water discharge visual observations or provide the following information:

- i. name of each unauthorized non-storm water discharge
- ii. date and time of observation
- iii. source and location of each unauthorized non-storm water discharge
- iv. characteristics of the discharge at its source and impacted drainage area/discharge location
- v. name, title, and signature of observer
- vi. any corrective actions necessary to eliminate the source of each unauthorized non-storm water discharge and to clean impacted drainage areas. Provide date unauthorized non-storm water discharge(s) was eliminated or scheduled to be eliminated.

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G. MONTHLY WET SEASON VISUAL OBSERVATIONS

Section B.4.a of the General Permit requires you to conduct monthly visual observations of storm water discharges at all storm water discharge locations during the wet season. These observations shall occur during the first hour of discharge or, in the case of temporarily stored or contained storm water, at the time of discharge.

1. Indicate below whether monthly visual observations of storm water discharges occurred at all discharge locations. **Attach an explanation for any "NO" answers.** Include in this explanation whether any eligible storm events occurred during scheduled facility operating hours that did not result in a storm water discharge, and provide the date, time, name and title of the person who observed that there was no storm water discharge.

	YES	NO		YES	NO
October	<input checked="" type="checkbox"/>	<input type="checkbox"/>	February	<input checked="" type="checkbox"/>	<input type="checkbox"/>
November	<input checked="" type="checkbox"/>	<input type="checkbox"/>	March	<input checked="" type="checkbox"/>	<input type="checkbox"/>
December	<input checked="" type="checkbox"/>	<input type="checkbox"/>	April	<input checked="" type="checkbox"/>	<input type="checkbox"/>
January	<input checked="" type="checkbox"/>	<input type="checkbox"/>	May	<input checked="" type="checkbox"/>	<input type="checkbox"/>

2. Report monthly wet season visual observations using **Form 4** or provide the following information:

- a. date, time, and location of observation
- b. name and title of observer
- c. characteristics of the discharge (i.e., odor, color, etc.) and source of any pollutants observed
- d. **any** new or revised BMPs necessary to reduce or prevent pollutants in storm water discharges. Provide new or revised BMP implementation date.

ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION (ACSCE)

H. ACSCE CHECKLIST

Section A.9 of the General Permit requires the facility operator to conduct one ACSCE in each reporting period (July 1- June 30). Evaluations must be conducted within 8-16 months of each other. The SWPPP and monitoring program shall be revised and implemented, as necessary, within 90 days of the evaluation. The checklist below includes the minimum steps necessary to complete a ACSCE. Indicate whether you have performed each step below. **Attach an explanation for any "NO" answers.**

1. Have you inspected all potential pollutant sources and industrial activities areas? YES NO
The following areas should be inspected:

- | | |
|--|--|
| <ul style="list-style-type: none"> • areas where spills and leaks have occurred during the last year • outdoor wash and rinse areas • process/manufacturing areas • loading, unloading, and transfer areas • waste storage/disposal areas • dust/particulate generating areas • erosion areas | <ul style="list-style-type: none"> • building repair, remodeling, and construction • material storage areas • vehicle/equipment storage areas • truck parking and access areas • rooftop equipment areas • vehicle fueling/maintenance areas • non-storm water discharge generating areas |
|--|--|

2. Have you reviewed your SWPPP to assure that its BMPs address existing potential pollutant sources and industrial activities areas? YES NO

3. Have you inspected the entire facility to verify that the SWPPP's site map is up-to-date? The following site map items should be verified: YES NO

- | | |
|--|--|
| <ul style="list-style-type: none"> • facility boundaries • outline of all storm water drainage areas • areas impacted by run-on • storm water discharges locations | <ul style="list-style-type: none"> • storm water collection and conveyance system • structural control measures such as catch basins, berms, containment areas, oil/water separators, etc. |
|--|--|

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4. Have you reviewed all General Permit compliance records generated since the last annual evaluation? YES NO

The following records should be reviewed:

- quarterly authorized non-storm water discharge visual observations
- monthly storm water discharge visual observation
- records of spills/leaks and associated clean-up/response activities
- quarterly unauthorized non-storm water discharge visual observations
- Sampling and Analysis records
- preventative maintenance inspection and maintenance records

5. Have you reviewed the major elements of the SWPPP to assure compliance with the General Permit? YES NO

The following SWPPP items should be reviewed:

- pollution prevention team
- list of significant materials
- description of potential pollutant sources
- assessment of potential pollutant sources
- identification and description of the BMPs to be implemented for each potential pollutant source

6. Have you reviewed your SWPPP to assure that a) the BMPs are adequate in reducing or preventing pollutants in storm water discharges and authorized non-storm water discharges, and b) the BMPs are being implemented? YES NO

The following BMP categories should be reviewed:

- good housekeeping practices
- spill response
- employee training
- erosion control
- quality assurance
- preventative maintenance
- material handling and storage practices
- waste handling/storage
- structural BMPs

7. Has all material handling equipment and equipment needed to implement the SWPPP been inspected? YES NO

I. ACSCE EVALUATION REPORT

The facility operator is required to provide an evaluation report that includes:

- identification of personnel performing the evaluation
- the date(s) of the evaluation
- necessary SWPPP revisions
- schedule for implementing SWPPP revisions
- any incidents of non-compliance and the corrective actions taken

Use **Form 5** to report the results of your evaluation or develop an equivalent form.

J. ACSCE CERTIFICATION

The facility operator is required to certify compliance with the Industrial Activities Storm Water General Permit. To certify compliance, both the SWPPP and Monitoring Program must be up to date and be fully implemented.

- Based upon your ACSCE, do you certify compliance with the Industrial Activities Storm Water General Permit? YES NO

If you answered "NO" attach an explanation to the ACSCE Evaluation Report why you are not in compliance with the Industrial Activities Storm Water General Permit.

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ATTACHMENT SUMMARY

Answer the questions below to help you determine what should be attached to this annual report. Answer NA (Not Applicable) to questions 2-4 if you are not required to provide those attachments.

- 1. Have you attached Forms 1,2,3,4, and 5 or their equivalent? YES (Mandatory)
- 2. If you conducted sampling and analysis, have you attached the laboratory analytical reports? YES NO NA
- 3. If you checked box II, III, IV, or V in item D.2 of this Annual Report, have you attached the first page of the appropriate certifications? YES NO NA
- 4. Have you attached an explanation for each "NO" answer in items E.1, E.2, E.5-E.7, E.9, E.10.c, F.1.b, F.2.a, F.2.c, G.1, H.1-H.7, or J? YES NO NA

ANNUAL REPORT CERTIFICATION

I am duly authorized to sign reports required by the INDUSTRIAL ACTIVITIES STORM WATER GENERAL PERMIT (see Standard Provision C.9) and I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those person directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Printed Name: Joseph Hess

Signature: *J. Hess* Date: 6-30-04

Title: Manager, EHS.

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DESCRIPTION OF BASIC ANALYTICAL PARAMETERS

The Industrial Activities Storm Water General Permit (General Permit) requires you to analyze storm water samples for at least four parameters. These are pH, Total Suspended Solids (TSS), Specific Conductance (SC), and Total Organic Carbon (TOC). Oil and Grease (O&G) may be substituted for TOC. In addition, you must monitor for any other pollutants which you believe to be present in your storm water discharge as a result of industrial activity and analytical parameters listed in Table D of the General Permit. There are no numeric limitations for the parameters you test for.

The four parameters which the General Permit requires to be tested are considered *indicator* parameters. In other words, regardless of what type of facility you operate, these parameters are nonspecific and general enough to usually provide some indication whether pollutants are present in your storm water discharge. The following briefly explains what each of these parameters mean:

pH is a numeric measure of the hydrogen-ion concentration. The neutral, or acceptable, range is within 6.5 to 8.5. At values less than 6.5, the water is considered acidic; above 8.5 it is considered alkaline or basic. An example of an acidic substance is vinegar, and a alkaline or basic substance is liquid antacid. Pure rainfall tends to have a pH of a little less than 7. There may be sources of materials or industrial activities which could increase or decrease the pH of your storm water discharge. If the pH levels of your storm water discharge are high or low, you should conduct a thorough evaluation of all potential pollutant sources at your site.

Total Suspended Solids (TSS) is a measure of the undissolved solids that are present in your storm water discharge. Sources of TSS include sediment from erosion of exposed land, and dirt from impervious (i.e. paved) areas. Sediment by itself can be very toxic to aquatic life because it covers feeding and breeding grounds, and can smother organisms living on the bottom of a water body. Toxic chemicals and other pollutants also adhere to sediment particles. This provides a medium by which toxic or other pollutants end up in our water ways and ultimately in human and aquatic life. TSS levels vary in runoff from undisturbed land. It has been shown that TSS levels increase significantly due to land development.

Specific Conductance (SC) is a numerical expression of the ability of the water to carry an electric current. SC can be used to assess the degree of mineralization, salinity, or estimate the total dissolved solids concentration of a water sample. Because of air pollution, most rain water has a SC a little above zero. A high SC could affect the usability of waters for drinking, irrigation, and other commercial or industrial use.

Total Organic Carbon (TOC) is a measure of the total organic matter present in water. (All organic matter contains carbon) This test is sensitive and able to detect small concentrations of organic matter. Organic matter is naturally occurring in animals, plants, and man. Organic matter may also be man made (so called synthetic organics). Synthetic organics include pesticides, fuels, solvents, and paints. Natural organic matter utilizes the oxygen in a receiving water to biodegrade. Too much organic matter could place a significant oxygen demand on the water, and possibly impact its quality. Synthetic organics either do not biodegrade or biodegrade very slowly. Synthetic organics are a source of toxic chemicals that can have adverse affects at very low concentrations. Some of these chemicals bioaccumulate in aquatic life. If your levels of TOC are high, you should evaluate all sources of natural or synthetic organics you may use at your site.

Oil and Grease (O&G) is a measure of the amount of oil and grease present in your storm water discharge. At very low concentrations, O&G can cause a sheen (that floating "rainbow") on the surface of water (1 qt. of oil can pollute 250,000 gallons of water). O&G can adversely affect aquatic life and create unsightly floating material and film on water, thus making it undrinkable. Sources of O&G include maintenance shops, vehicles, machines and roadways.

If you have any questions regarding whether or not your constituent concentrations are too high, please contact your local Regional Board office. The United States Environmental Protection Agency (USEPA) has published stormwater discharge benchmarks for a number of parameters. These benchmarks may be helpful when evaluating whether additional BMPs are appropriate. These benchmarks can be accessed at our website at <http://www.swrcb.ca.gov>. It is contained in the Sampling and Analysis Reduction Certification.

See Storm Water Contacts at

<http://www.swrcb.ca.gov/stormwtr/contact.html>

FORM 1-SAMPLING & ANALYSIS RESULTS

FIRST STORM EVENT

- If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: <.05)
- When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box. Make additional copies of this form as necessary.
- If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank

NAME OF PERSON COLLECTING SAMPLE(S): Marty King TITLE: SR. ASSOC. EHS SIGNATURE: Marty King

DESCRIBE DISCHARGE LOCATION Example: NW Out Fall	DATE/TIME OF SAMPLE COLLECTION	TIME DISCHARGE STARTED	ANALYTICAL RESULTS For First Storm Event					OTHER PARAMETERS						
			BASIC PARAMETERS											
			PH	TSS	SC	O&G	TOC							
OUT Fall # 2 S.E.	2/18/04 4:00 AM <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	3:00 AM <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	7.17	19	1290	<1.0	16.7							
OUT Fall # 3 N.E.	2/18/04 4:00 AM <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	3:00 AM <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	6.21	30	114	<1.0	16.7							
TEST REPORTING UNITS:			pH Units	mg/l	umholcm	mg/l	mg/l							
TEST METHOD DETECTION LIMIT:			.05	1.0	1.0	1.0	0.5							
TEST METHOD USED:			D-Tek	D-Tek	D-Tek	D-Tek	D-Tek							
ANALYZED BY (SELF/LAB):			D-Tek	D-Tek	D-Tek	D-Tek	D-Tek							

TSS - Total Suspended Solids SC - Specific Conductance O&G - Oil & Grease TOC - Total Organic Carbon

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SIDE A

**FORM 2-QUARTERLY VISUAL OBSERVATIONS OF AUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)**

- Quarterly dry weather visual observations are required of each authorized NSWD.
- Observe each authorized NSWD source, impacted drainage area, and discharge location.
- Authorized NSWDs must meet the conditions provided in Section D (pages 5-6), of the General Permit.
- Make additional copies of this form as necessary.

<p>QUARTER: JULY-SEPT.</p> <p>DATE: None</p> <p>____ / ____ / ____</p>	<p>Observers Name: _____</p> <p>Title: _____</p> <p>Signature: _____</p>	<p>WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER?</p> <p><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>If YES, complete reverse side of this form.</p>
<p>QUARTER: OCT.-DEC.</p> <p>DATE: None</p> <p>____ / ____ / ____</p>	<p>Observers Name: _____</p> <p>Title: _____</p> <p>Signature: _____</p>	<p>WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER?</p> <p><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>If YES, complete reverse side of this form.</p>
<p>QUARTER: JAN.-MARCH</p> <p>DATE: None</p> <p>____ / ____ / ____</p>	<p>Observers Name: _____</p> <p>Title: _____</p> <p>Signature: _____</p>	<p>WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER?</p> <p><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>If YES, complete reverse side of this form.</p>
<p>QUARTER: APRIL-JUNE</p> <p>DATE: None</p> <p>____ / ____ / ____</p>	<p>Observers Name: _____</p> <p>Title: _____</p> <p>Signature: _____</p>	<p>WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER?</p> <p><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>If YES, complete reverse side of this form.</p>

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ANNUAL REPORT

FORM 1-SAMPLING & ANALYSIS RESULTS

SIDE B

SECOND STORM EVENT

- If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: <.05)
- If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank
- When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box.

NAME OF PERSON COLLECTING SAMPLE(S): Math King TITLE: SR. ASSOC. EHS SIGNATURE: Math King

DESCRIBE DISCHARGE LOCATION Example: NW Out Fall	DATE/TIME OF SAMPLE COLLECTION	TIME DISCHARGE STARTED	ANALYTICAL RESULTS For Second Storm Event					OTHER PARAMETERS											
			BASIC PARAMETERS																
			pH	TSS	SC	O&G	TOC												
OUT Fall # 2 S.E.	2/26/04 7:05 AM	6:00 AM	6.81	402	82.0	5.2	4.8												
OUT Fall # 3 N.E.	2/26/04 7:10 AM	6:00 AM	7.64	20	510	3.5	5.7												
TEST REPORTING UNITS:			pH Units	mg/l	umho/cm	mg/l	mg/l												
TEST METHOD DETECTION LIMIT:			.05	1.0	1.0	1.0	0.5												
TEST METHOD USED:			Dtek	Dtek	Dtek	Dtek	Dtek												
ANALYZED BY (SELF/LAB):			Dtek	Dtek	Dtek	Dtek	Dtek												

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FORM 2-QUARTERLY VISUAL OBSERVATIONS OF AUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)

SIDE B

DATE/TIME OF OBSERVATION	SOURCE AND LOCATION OF AUTHORIZED NSWD	NAME OF AUTHORIZED NSWD	DESCRIBE AUTHORIZED NSWD CHARACTERISTICS		DESCRIBE ANY REVISED OR NEW BMPs AND PROVIDE THEIR IMPLEMENTATION DATE
			At the NSWD Source	At the NSWD Drainage Area and Discharge Location	
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM	EXAMPLE: Air conditioner Units on Building C	EXAMPLE: Air conditioner condensate			
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM					
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM			N/A		
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM					
/ / <input type="checkbox"/> AM <input type="checkbox"/> PM					

**ANNUAL REPORT
FORM 3-QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)**

- Unauthorized NSWDs are discharges (such as wash or rinse waters) that do not meet the conditions provided in Section D (pages 5-6) of the General Permit.
- Quarterly visual observations are required to observe current and detect prior unauthorized NSWDs.
- Quarterly visual observations are required during dry weather and at all facility drainage areas.
- Each unauthorized NSWD source, impacted drainage area, and discharge location must be identified and observed.
- Unauthorized NSWDs that can not be eliminated within 90 days of observation must be reported to the Regional Board in accordance with Section A.10.e of the General Permit.
- Make additional copies of this form as necessary.

QUARTER: JULY-SEPT. DATE/TIME OF OBSERVATIONS 8/20/04 9:00 AM <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	Observers Name: <u>Marty King</u> Title: <u>SR. EHS ASSOC. EHS</u> Signature: <u>[Signature]</u>	WERE UNAUTHORIZED NSWDs OBSERVED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES to either question, complete reverse side.
QUARTER: OCT.-DEC. DATE/TIME OF OBSERVATIONS 11/18/03 9:00 AM <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	Observers Name: <u>Marty King</u> Title: <u>SR. Assoc. EHS</u> Signature: <u>[Signature]</u>	WERE UNAUTHORIZED NSWDs OBSERVED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES to either question, complete reverse side.
QUARTER: JAN.-MARCH DATE/TIME OF OBSERVATIONS 3/26/04 8:00 AM <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	Observers Name: <u>Marty King</u> Title: <u>SR. ASSOC. EHS</u> Signature: <u>[Signature]</u>	WERE UNAUTHORIZED NSWDs OBSERVED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES to either question, complete reverse side.
QUARTER: APRIL-JUNE DATE/TIME OF OBSERVATIONS 5/21/04 9:00 AM <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	Observers Name: <u>Marty King</u> Title: <u>SR. ASSOC. EHS</u> Signature: <u>[Signature]</u>	WERE UNAUTHORIZED NSWDs OBSERVED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES to either question, complete reverse side.

**FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)**

OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD	SOURCE AND LOCATION OF UNAUTHORIZED NSWD	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.		DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
			AT THE UNAUTHORIZED NSWD SOURCE	AT THE UNAUTHORIZED NSWD AREA AND DISCHARGE LOCATION	
N/A	EXAMPLE: Vehicle Wash Water	EXAMPLE: NW Corner of Parking Lot			
____/____/____ <input type="checkbox"/> AM <input type="checkbox"/> PM					
____/____/____ <input type="checkbox"/> AM <input type="checkbox"/> PM					
____/____/____ <input type="checkbox"/> AM <input type="checkbox"/> PM					
____/____/____ <input type="checkbox"/> AM <input type="checkbox"/> PM					
____/____/____ <input type="checkbox"/> AM <input type="checkbox"/> PM					

N/A

**ANNUAL REPORT
FORM 4-MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES**

- Storm water discharge visual observations are required for at least one storm event per month between October 1 and May 31.
- Visual observations must be conducted during the first hour of discharge at all discharge locations.
- Discharges of temporarily stored or contained storm water must be observed at the time of discharge.

- Indicate "None" in the first column of this form if you did not conduct a monthly visual observation.
- Make additional copies of this form as necessary.
- Until a monthly visual observation is made, record any eligible storm events that do not result in a storm water discharge and note the date, time, name, and title of who observed there was no storm water discharge.

Observation Date: <u>October 19, 2003</u>		#1	#2	#3	#4
Observers Name: <u>Marty King</u>	Drainage Location Description	<u>S.E.</u>	<u>N.E.</u>		
Title: <u>Sr. Assoc. EHS</u>	Observation Time	<u>10:00</u> <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	<u>10:00</u> <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.		
Signature: <u>Marty King</u>	Time Discharge Began	<u>N/A</u> <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<u>N/A</u> <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.		
Observation Date: <u>November 19, 2003</u>	Were Pollutants Observed (If yes, complete reverse side)	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>
Observers Name: <u>Marty King</u>	Drainage Location Description	<u>S.E.</u>	<u>N.E.</u>		
Title: <u>Sr. Assoc. EHS</u>	Observation Time	<u>1:30</u> <input checked="" type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<u>1:30</u> <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.		
Signature: <u>Marty King</u>	Time Discharge Began	<u>N/A</u> <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<u>N/A</u> <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.		
Observation Date: <u>December 18, 2003</u>	Were Pollutants Observed (If yes, complete reverse side)	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>
Observers Name: <u>Marty King</u>	Drainage Location Description	<u>S.E.</u>	<u>N.E.</u>		
Title: <u>Sr. Assoc. EHS</u>	Observation Time	<u>9:00</u> <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	<u>9:00</u> <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.		
Signature: <u>Marty King</u>	Time Discharge Began	<u>N/A</u> <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<u>N/A</u> <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.		
Observation Date: <u>January 15, 2004</u>	Were Pollutants Observed (If yes, complete reverse side)	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>
Observers Name: <u>Marty King</u>	Drainage Location Description	<u>S.E.</u>	<u>N.E.</u>		
Title: <u>Sr. Assoc. EHS</u>	Observation Time	<u>8:45</u> <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.	<u>9:30</u> <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> A.M.		
Signature: <u>Marty King</u>	Time Discharge Began	<u>N/A</u> <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<u>N/A</u> <input type="checkbox"/> P.M. <input type="checkbox"/> A.M.		
	Were Pollutants Observed (If yes, complete reverse side)	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>

2003 - 2004
ANNUAL REPORT

FORM 4-MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES

SIDE B

DATE/TIME OF OBSERVATION (From Reverse Side) N/A	DRAINAGE AREA DESCRIPTION	DESCRIBE STORM WATER DISCHARGE CHARACTERISTICS	IDENTIFY AND DESCRIBE SOURCE(S) OF POLLUTANTS	DESCRIBE ANY REVISED OR NEW BMPs AND THEIR DATE OF IMPLEMENTATION
/ / : <input type="checkbox"/> AM <input type="checkbox"/> PM		Indicate whether storm water discharge is clear, cloudy, or discolored; causing staining; containing floating objects or an oil sheen, has odors, etc.	EXAMPLE: Oil sheen caused by oil dripped by trucks in vehicle maintenance area.	
/ / : <input type="checkbox"/> AM <input type="checkbox"/> PM		N/A		
/ / : <input type="checkbox"/> AM <input type="checkbox"/> PM		N/A		
/ / : <input type="checkbox"/> AM <input type="checkbox"/> PM		N/A		
/ / : <input type="checkbox"/> AM <input type="checkbox"/> PM		N/A		

ANNUAL REPORT
FORM 4 (Continued)-MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES **SIDE A**

- Storm water discharge visual observations are required for at least one storm event per month between October 1 and May 31.
- Visual observations must be conducted during the first hour of discharge at all discharge locations.
- Discharges of temporarily stored or contained storm water must be observed at the time of discharge.
- Indicate "None" in the first column of this form if you did not conduct a monthly visual observation.
- Make additional copies of this form as necessary.
- Until a monthly visual observation is made, record any eligible storm events that do not result in a storm water discharge and note the date, time, name, and title of who observed there was no storm water discharge.

Observation Date: February 12, 2004 Observers Name: <u>Marthy King</u> Title: <u>SR. Assoc. EHS</u> Signature: <u>Marthy King</u>		Drainage Location Description #1 OUT Fall #2 SE #2 N.E. #3 #4	Observation Time 1:30 P.M. <input checked="" type="checkbox"/> A.M. <input type="checkbox"/> N/A: P.M. <input type="checkbox"/> A.M. <input type="checkbox"/> Were Pollutants Observed (If yes, complete reverse side) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	Observation Time 1:30 P.M. <input checked="" type="checkbox"/> A.M. <input type="checkbox"/> N/A: P.M. <input type="checkbox"/> A.M. <input type="checkbox"/> Were Pollutants Observed (If yes, complete reverse side) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	Observation Time : P.M. <input type="checkbox"/> A.M. <input type="checkbox"/> : P.M. <input type="checkbox"/> A.M. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/>	Observation Time : P.M. <input type="checkbox"/> A.M. <input type="checkbox"/> : P.M. <input type="checkbox"/> A.M. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/>
Observation Date: March 18, 2004 Observers Name: <u>Marthy King</u> Title: <u>SR. Assoc. EHS</u> Signature: <u>Marthy King</u>		Drainage Location Description #1 S.E. #2 N.E. #3 #4	Observation Time 7:05 P.M. <input checked="" type="checkbox"/> A.M. <input type="checkbox"/> N/A: P.M. <input type="checkbox"/> A.M. <input type="checkbox"/> Were Pollutants Observed (If yes, complete reverse side) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	Observation Time 7:15 P.M. <input checked="" type="checkbox"/> A.M. <input type="checkbox"/> N/A: P.M. <input type="checkbox"/> A.M. <input type="checkbox"/> Were Pollutants Observed (If yes, complete reverse side) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	Observation Time : P.M. <input type="checkbox"/> A.M. <input type="checkbox"/> : P.M. <input type="checkbox"/> A.M. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/>	Observation Time : P.M. <input type="checkbox"/> A.M. <input type="checkbox"/> : P.M. <input type="checkbox"/> A.M. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/>
Observation Date: April 27, 2004 Observers Name: <u>Marthy King</u> Title: <u>SR. Assoc. EHS</u> Signature: <u>Marthy King</u>		Drainage Location Description #1 S.E. #2 N.E. #3 #4	Observation Time 1:30 P.M. <input checked="" type="checkbox"/> A.M. <input type="checkbox"/> N/A: P.M. <input type="checkbox"/> A.M. <input type="checkbox"/> Were Pollutants Observed (If yes, complete reverse side) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	Observation Time 1:30 P.M. <input checked="" type="checkbox"/> A.M. <input type="checkbox"/> N/A: P.M. <input type="checkbox"/> A.M. <input type="checkbox"/> Were Pollutants Observed (If yes, complete reverse side) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	Observation Time : P.M. <input type="checkbox"/> A.M. <input type="checkbox"/> : P.M. <input type="checkbox"/> A.M. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/>	Observation Time : P.M. <input type="checkbox"/> A.M. <input type="checkbox"/> : P.M. <input type="checkbox"/> A.M. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/>
Observation Date: May 24, 2004 Observers Name: <u>Marthy King</u> Title: <u>SR. Assoc. EHS</u> Signature: <u>Marthy King</u>		Drainage Location Description #1 S.E. #2 N.E. #3 #4	Observation Time 12:30 P.M. <input checked="" type="checkbox"/> A.M. <input type="checkbox"/> N/A: P.M. <input type="checkbox"/> A.M. <input type="checkbox"/> Were Pollutants Observed (If yes, complete reverse side) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	Observation Time 12:30 P.M. <input checked="" type="checkbox"/> A.M. <input type="checkbox"/> N/A: P.M. <input type="checkbox"/> A.M. <input type="checkbox"/> Were Pollutants Observed (If yes, complete reverse side) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	Observation Time : P.M. <input type="checkbox"/> A.M. <input type="checkbox"/> : P.M. <input type="checkbox"/> A.M. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/>	Observation Time : P.M. <input type="checkbox"/> A.M. <input type="checkbox"/> : P.M. <input type="checkbox"/> A.M. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/>

2003 - 2004
ANNUAL REPORT

FORM 4 (Continued)-MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES

SIDE B

DATE/TIME OF OBSERVATION (From Reverse Side)	DRAINAGE AREA DESCRIPTION	DESCRIBE STORM WATER DISCHARGE CHARACTERISTICS	IDENTIFY AND DESCRIBE SOURCE(S) OF POLLUTANTS	DESCRIBE ANY REVISED OR NEW BMPs AND THEIR DATE OF IMPLEMENTATION
2/18/04 4:00 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	OUT Fall # 2 # 3	Colorless, odorless, with no objects.	N/A	N/A
2/26/04 7:00 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	OUT Fall # 2 # 3	Discharge is colorless, odorless with no floating objects.	N/A	N/A
/ / : <input type="checkbox"/> AM <input type="checkbox"/> PM	/ /			
: <input type="checkbox"/> AM <input type="checkbox"/> PM	/ /			
: <input type="checkbox"/> AM <input type="checkbox"/> PM	/ /			

FORM 5-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS

EVALUATION DATE: 5/20/04 INSPECTOR NAME: Marth King

TITLE: SR. Assoc. EHS

SIGNATURE: Marth King

POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?		If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP Implementation	Describe additional/revised BMPs or corrective actions and their date(s) of implementation
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
Manufacturing Area	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		None	None
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) Material Handling & Storage Area	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?		If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP Implementation	Describe additional/revised BMPs or corrective actions and their date(s) of implementation
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) MFG - Waste Water System Area	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?		If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP Implementation	Describe additional/revised BMPs or corrective actions and their date(s) of implementation
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) Facilities Area	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?		If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP Implementation	Describe additional/revised BMPs or corrective actions and their date(s) of implementation
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
ARE ADDITIONAL/REVISED BMPs NECESSARY?		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			

D-TEK ANALYTICAL LABORATORIES, INC.
9020 Kenamar Drive, Suite 205
San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

Biogen-IDEA Inc.
11011 Torreyana Road
San Diego, CA 92121

Date Sampled: 02/18/04
Date Received: 02/19/04
Date Reported: 03/24/04

Attn: Marty King

Project ID: Torreyana
Log Numbers: 04-850 through 04-851
Sample IDs: Outfall # 2 Torreyana through Outfall # 3 Torreyana

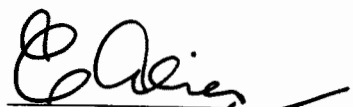
The following are attached:

- * Analytical Report
- * Quality Control Report
- * Chain-of-Custody

Testing was conducted using EPA or equivalent methods approved by the State of California Department of Health Services. All applicable QC met the required acceptance criteria.

Thank you for choosing D-TEK to serve your analytical needs!

Reviewed and approved:



Ellen Atienza
Operations Manager

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San Diego, CA 92121
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Biogen-IDEc Inc.
11011 Torreyana Road
San Diego, CA 92121

Date Reported: 03/24/04
Date Sampled: 02/18/04
Date Received: 02/19/04
Sample Type: Water

Attn: Marty King

Project ID: Torreyana

Log Number: 04-850
Sample ID: Outfall # 2 Torreyana

ANALYTICAL RESULTS

Analysis	Results	Units	Method	Analyst/Date
Conductivity	1,290	umhos/cm	EPA 120.1	OJ 02/25/04
Oil & Grease	< 1.0	mg/L	EPA 1664	EA 03/08/04
pH	7.17	----	EPA 150.1	OJ 02/19/04
TSS	19	mg/L	EPA 160.2	OJ 02/25/04
TOC	16.7	mg/L	EPA 415.2	JV 02/27/04

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Biogen-IDEC Inc.
11011 Torreyana Road
San Diego, CA 92121

Date Reported: 03/24/04
Date Sampled: 02/18/04
Date Received: 02/19/04
Sample Type: Water

Attn: Marty King

Project ID: Torreyana

Log Number: 04-851
Sample ID: Outfall # 3 Torreyana

ANALYTICAL RESULTS

Analysis	Results	Units	Method	Analyst/Date
Conductivity	114	umhos/cm	EPA 120.1	OJ 02/25/04
Oil & Grease	< 1.0	mg/L	EPA 1664	EA 03/08/04
pH	6.21	----	EPA 150.1	OJ 02/19/04
TSS	30	mg/L	EPA 160.2	OJ 02/25/04
TOC	16.7	mg/L	EPA 415.2	JV 02/27/04

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QUALITY CONTROL DATA REPORT

Report Date: 03/24/04

Log Numbers: 04-850 through 04-851

- * **LCS** - Laboratory Control Sample. The LCS is a blank spiked with a known amount of method analyte(s) obtained from independent standards and is carried through all sample preparation and analytical procedures. Recoveries are calculated in order to evaluate method accuracy.
- * **Spike** - The spike is an actual sample spiked with a known amount of method analyte(s) and is carried through all sample preparation and analytical procedures. Recoveries are calculated in order to evaluate potential matrix interferences.
- * **RPD** = Rel % Difference = $((\text{Result 1} - \text{Result 2}) / \text{Average Result}) \times 100\%$
The RPD provides a measure of method precision by comparing analytical results of 2 duplicate samples.
- * **% Recovery** = $((\text{Spike Sample Result} - \text{Sample Result}) / \text{Spike Conc}) \times 100\%$
The result of the unspiked sample is treated as zero if it is less than established reporting limits.

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QUALITY CONTROL DATA REPORT
Method(s): Inorganics

Report Date: 03/24/04

Log Numbers: 04-850 through 04-851

Analysis	Method	LCS % Recovery	Spike % Recovery	Duplicate RPD
Conductivity	EPA 120.1	100		
Oil & Grease	EPA 1664	90		
TOC	EPA 415.2	101	100	5

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Biogen-IDEc Inc.
11011 Torreyana Road
San Diego, CA 92121

Date Sampled: 02/26/04
Date Received: 02/26/04
Date Reported: 03/26/04

Attn: Marty King

Project ID: Storm Event # 2/Torreyana Rd.
Log Numbers: 04-1033 through 04-1034
Sample IDs: Outfall # 2-Torreyana through Outfall # 3-Torreyana

The following are attached:

- * Analytical Report
- * Quality Control Report
- * Chain-of-Custody

Testing was conducted using EPA or equivalent methods approved by the State of California Department of Health Services. All applicable QC met the required acceptance criteria.

Thank you for choosing D-TEK to serve your analytical needs!

Reviewed and approved:



Ellen Atienza
Operations Manager

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Biogen-IDEc Inc.
11011 Torreyana Road
San Diego, CA 92121

Date Reported: 03/26/04
Date Sampled: 02/26/04
Date Received: 02/26/04
Sample Type: Water

Attn: Marty King

Project ID: Storm Event # 2/Torreyana Rd.

Log Number: 04-1033
Sample ID: Outfall # 2-Torreyana

ANALYTICAL RESULTS

Analysis	Results	Units	Method	Analyst/Date
Conductivity	82.0	umhos/cm	EPA 120.1	OJ 03/01/04
Oil & Grease	5.2	mg/L	EPA 1664	OJ 03/22/04
pH	6.81	----	EPA 150.1	OJ 02/26/04
TSS	402	mg/L	EPA 160.2	OJ 03/03/04
TOC	4.8	mg/L	EPA 415.2	JV 03/03/04

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Biogen-IDEc Inc.
11011 Torreyana Road
San Diego, CA 92121

Date Reported: 03/26/04
Date Sampled: 02/26/04
Date Received: 02/26/04
Sample Type: Water

Attn: Marty King

Project ID: Storm Event # 2/Torreyana Rd.

Log Number: 04-1034
Sample ID: Outfall # 3-Torreyana

ANALYTICAL RESULTS

Analysis	Results	Units	Method	Analyst/Date
Conductivity	570	umhos/cm	EPA 120.1	OJ 03/01/04
Oil & Grease	3.5	mg/L	EPA 1664	OJ 03/22/04
pH	7.64	----	EPA 150.1	OJ 02/26/04
TSS	20	mg/L	EPA 160.2	OJ 03/03/04
TOC	5.7	mg/L	EPA 415.2	JV 03/03/04

QUALITY CONTROL DATA REPORT

Report Date: 03/26/04

Log Numbers: 04-1033 through 04-1034

- * **LCS** - Laboratory Control Sample. The LCS is a blank spiked with a known amount of method analyte(s) obtained from independent standards and is carried through all sample preparation and analytical procedures. Recoveries are calculated in order to evaluate method accuracy.
- * **Spike** - The spike is an actual sample spiked with a known amount of method analyte(s) and is carried through all sample preparation and analytical procedures. Recoveries are calculated in order to evaluate potential matrix interferences.
- * **RPD** = Rel % Difference = $((\text{Result 1} - \text{Result 2}) / \text{Average Result}) \times 100\%$
The RPD provides a measure of method precision by comparing analytical results of 2 duplicate samples.
- * **% Recovery** = $((\text{Spike Sample Result} - \text{Sample Result}) / \text{Spike Conc}) \times 100\%$
The result of the unspiked sample is treated as zero if it is less than established reporting limits.

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QUALITY CONTROL DATA REPORT
Method(s): Inorganics

Report Date: 03/26/04

Log Numbers: 04-1033 through 04-1034

Analysis	Method	LCS % Recovery	Spike % Recovery	Duplicate RPD
Conductivity	EPA 120.1	100		
Oil & Grease	EPA 1664	100		
TOC	EPA 415.2	98	95	3
	EPA 415.2		95	3

biogen idec

SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD

Letter of Transmittal

2004 JUL -1 P 1:41

Date: June 30, 2004

JRH 7-2-04

TO: San Diego Regional Water Quality Control Board

From: Joe Hess

JRH

Re: Annual Storm Water Report for 2003/2004

Document Transmitted: Site: 11011 Torreyana Rd, Facility WDID No: 9371010764

Logged into Database on 06/02/05 by NP
Reviewed on 06/03/05 by NP
Elevated Parameters Y (N)
Priority Followup Y (N) type
Priority Inspection (N) Y 1 2 3 other
No Followup, to be filed (Y)

State of California
STATE WATER RESOURCES CONTROL BOARD

2004-2005
ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

terminated

Reporting Period July 1, 2004 through June 30, 2005

An annual report is required to be submitted to your local Regional Water Quality Control Board (Regional Board) by July 1 of each year. This document must be certified and signed, under penalty of perjury, by the appropriate official of your company. Many of the Annual Report questions require an explanation. Please provide explanations on a separate sheet as an attachment. **Retain a copy of the completed Annual Report for your records.**

Please circle or highlight any information contained in Items A, B, and C below that is new or revised so we can update our records. Please remember that a Notice of Termination and new Notice of Intent are required whenever a facility operation is relocated or changes ownership.

If you have any questions, please contact your Regional Board Industrial Storm Water Permit Contact. The names, telephone numbers and e-mail addresses of the Regional Board contacts, as well as the Regional Board office addresses can be found at <http://www.waterboards.ca.gov/stormwtr/contact.html>. To find your Regional Board information, match the first digit of your WDID number with the corresponding number that appears in parenthesis on the first line of each Regional Board office.

GENERAL INFORMATION:

A. Facility Information:

Facility Business Name: Biogen Idec Inc.
Physical Address: 11011 Torreyana Rd.
City: San Diego
Standard Industrial Classification (SIC) Code(s): 2836

Facility WDID No: 937I010764
Contact Person: Gary Merrill
e-mail: gary.merrill@biogenidec.com
CA Zip: 92161 Phone: 760.231.2427

B. Facility Operator Information:

Operator Name: Biogen Idec Inc.
Mailing Address: One Antibody Way
City: Oceanside

Contact Person: Joe Hess
e-mail: joseph.hess@biogenidec.com
State: CA Zip: 92056 Phone: 760.231.2491

C. Facility Billing Information:

Operator Name: Biogen Idec Inc.
Mailing Address: One Antibody Way
City: Oceanside

Contact Person: Gary Merrill
e-mail: gary.merrill@biogenidec.com
State: CA Zip: 92056 Phone: 760.231.2427

File - 10: 010764

2004-2005
ANNUAL REPORT

SPECIFIC INFORMATION

MONITORING AND REPORTING PROGRAM

D. SAMPLING AND ANALYSIS EXEMPTIONS AND REDUCTIONS

1. For the reporting period, was your facility exempt from collecting and analyzing samples from **two** storm events in accordance with sections B.12 or 15 of the General Permit?

YES Go to Item D.2

NO Go to Section E

2. Indicate the reason your facility is exempt from collecting and analyzing samples from **two** storm events. Attach a copy of the first page of the appropriate certification if you check boxes ii, iii, iv, or v.

i. Participating in an Approved Group Monitoring Plan Group Name: _____

ii. Submitted No Exposure Certification (NEC) Date Submitted: _____

Re-evaluation Date: _____

Does facility continue to satisfy NEC conditions? YES NO

iii. Submitted Sampling Reduction Certification (SRC) Date Submitted: _____

Re-evaluation Date: _____

Does facility continue to satisfy SRC conditions? YES NO

iv. Received Regional Board Certification Certification Date: _____

v. Received Local Agency Certification Certification Date: _____

3. If you checked boxes i or iii above, were you scheduled to sample **one** storm event during the reporting year?

YES Go to Section E

NO Go to Section F

4. If you checked boxes ii, iv, or v, go to Section F.

E. SAMPLING AND ANALYSIS RESULTS

1. How many storm events did you sample? 0 If less than 2, **attach explanation** (if you checked item D.2.i or iii. above, only attach explanation if you answer "0").

2. Did you collect storm water samples from the first storm of the wet season that produced a discharge during scheduled facility operating hours? (Section B.5 of the General Permit)

YES

NO, **attach explanation** (Please note that if you do not sample the first storm event, you are still required to sample 2 storm events)

3. How many storm water discharge locations are at your facility? 2

4. For each storm event sampled, did you collect and analyze a sample from each of the facility's storm water discharge locations? YES, go to Item E.6 NO
5. Was sample collection or analysis reduced in accordance with Section B.7.d of the General Permit? YES NO, **attach explanation**
- If "YES", **attach documentation** supporting your determination that two or more drainage areas are substantially identical.
- Date facility's drainage areas were last evaluated _____
6. Were all samples collected during the first hour of discharge? YES NO, **attach explanation**
7. Was all storm water sampling preceded by three (3) working days without a storm water discharge? YES NO, **attach explanation**
8. Were there any discharges of stormwater that had been temporarily stored or contained? (such as from a pond) YES NO, go to Item E.10
9. Did you collect and analyze samples of temporarily stored or contained storm water discharges from two storm events? (or one storm event if you checked item D.2.i or iii. above) YES NO, **attach explanation**
10. Section B.5. of the General Permit requires you to analyze storm water samples for pH, Total Suspended Solids (TSS), Specific Conductance (SC), Total Organic Carbon (TOC) or Oil and Grease (O&G), other pollutants likely to be present in storm water discharges in significant quantities, and analytical parameters listed in Table D of the General Permit.
- a. Does Table D contain any additional parameters related to your facility's SIC code(s)? YES NO, Go to Item E.11
- b. Did you analyze all storm water samples for the applicable parameters listed in Table D? YES NO
- c. If you did not analyze all storm water samples for the applicable Table D parameters, check one of the following reasons:
- _____ In prior sampling years, the parameter(s) have not been detected in significant quantities from two consecutive sampling events. **Attach explanation**
- _____ The parameter(s) is not likely to be present in storm water discharges and authorized non-storm water discharges in significant quantities based upon the facility operator's evaluation. **Attach explanation**
- _____ Other. **Attach explanation**
11. For each storm event sampled, attach a copy of the laboratory analytical reports and report the sampling and analysis results using **Form 1** or its equivalent. The following must be provided for each sample collected:
- Date and time of sample collection
 - Name and title of sampler.
 - Parameters tested.
 - Name of analytical testing laboratory.
 - Discharge location identification.
 - Testing results.
 - Test methods used.
 - Test detection limits.
 - Date of testing.
 - Copies of the laboratory analytical results.

F. QUARTERLY VISUAL OBSERVATIONS

1. **Authorized Non-Storm Water Discharges**

Section B.3.b of the General Permit requires quarterly visual observations of all authorized non-storm water discharges and their sources.

a. Do authorized non-storm water discharges occur at your facility?

YES NO Go to Item F.2

b. Indicate whether you visually observed all authorized non-storm water discharges and their sources during the quarters when they were discharged. **Attach an explanation for any "NO" answers.** Indicate "N/A" for quarters without any authorized non-storm water discharges.

July -September YES NO N/A October-December YES NO N/A
 January-March YES NO N/A April-June YES NO N/A

c. Use **Form 2** to report quarterly visual observations of authorized non-storm water discharges or provide the following information.

- i. name of each authorized non-storm water discharge
- ii. date and time of observation
- iii. source and location of each authorized non-storm water discharge
- iv. characteristics of the discharge at its source and impacted drainage area/discharge location
- v. name, title, and signature of observer
- vi. any new or revised BMPs necessary to reduce or prevent pollutants in authorized non-storm water discharges. Provide new or revised BMP implementation date.

2. **Unauthorized Non-Storm Water Discharges**

Section B.3.a of the General Permit requires quarterly visual observations of all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources.

a. Indicate whether you visually observed all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources. **Attach an explanation for any "NO" answers.**

July -September YES NO October-December YES NO
 January-March YES NO April-June YES NO

b. Based upon the quarterly visual observations, were any unauthorized non-storm water discharges detected?

YES NO Go to item F.2.d

c. Have each of the unauthorized non-storm water discharges been eliminated or permitted?

YES NO **Attach explanation**

d. Use **Form 3** to report quarterly unauthorized non-storm water discharge visual observations or provide the following information.

- i. name of each unauthorized non-storm water discharge.
- ii. date and time of observation.
- iii. source and location of each unauthorized non-storm water discharge.
- iv. characteristics of the discharge at its source and impacted drainage area/discharge location.
- v. name, title, and signature of observer.
- vi. any corrective actions necessary to eliminate the source of each unauthorized non-storm water discharge and to clean impacted drainage areas. Provide date unauthorized non-storm water discharge(s) was eliminated or scheduled to be eliminated.

G. MONTHLY WET SEASON VISUAL OBSERVATIONS

Section B.4.a of the General Permit requires you to conduct monthly visual observations of storm water discharges at all storm water discharge locations during the wet season. These observations shall occur during the first hour of discharge or, in the case of temporarily stored or contained storm water, at the time of discharge.

1. Indicate below whether monthly visual observations of storm water discharges occurred at all discharge locations. **Attach an explanation for any "NO" answers.** Include in this explanation whether any eligible storm events occurred during scheduled facility operating hours that did not result in a storm water discharge, and provide the date, time, name and title of the person who observed that there was no storm water discharge.

	YES	NO		YES	NO
October	<input checked="" type="checkbox"/>	<input type="checkbox"/>	February	<input type="checkbox"/>	<input checked="" type="checkbox"/>
November	<input checked="" type="checkbox"/>	<input type="checkbox"/>	March	<input type="checkbox"/>	<input checked="" type="checkbox"/>
December	<input type="checkbox"/>	<input checked="" type="checkbox"/>	April	<input type="checkbox"/>	<input checked="" type="checkbox"/>
January	<input type="checkbox"/>	<input checked="" type="checkbox"/>	May	<input type="checkbox"/>	<input checked="" type="checkbox"/>

2. Report monthly wet season visual observations using **Form 4** or provide the following information.

- date, time, and location of observation
- name and title of observer
- characteristics of the discharge (i.e., odor, color, etc.) and source of any pollutants observed.
- any new or revised BMPs necessary to reduce or prevent pollutants in storm water discharges. Provide new or revised BMP implementation date.

ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION (ACSCE)

H. ACSCE CHECKLIST

Section A.9 of the General Permit requires the facility operator to conduct one ACSCE in each reporting period (July 1- June 30). Evaluations must be conducted within 8-16 months of each other. The SWPPP and monitoring program shall be revised and implemented, as necessary, within 90 days of the evaluation. The checklist below includes the minimum steps necessary to complete a ACSCE. Indicate whether you have performed each step below. **Attach an explanation for any "NO" answers.**

1. Have you inspected all potential pollutant sources and industrial activities areas? YES NO
The following areas should be inspected:

- areas where spills and leaks have occurred during the last year.
- outdoor wash and rinse areas.
- process/manufacturing areas.
- loading, unloading, and transfer areas.
- waste storage/disposal areas.
- dust/particulate generating areas.
- erosion areas.
- building repair, remodeling, and construction
- material storage areas
- vehicle/equipment storage areas
- truck parking and access areas
- rooftop equipment areas
- vehicle fueling/maintenance areas
- non-storm water discharge generating areas

2. Have you reviewed your SWPPP to assure that its BMPs address existing potential pollutant sources and industrial activities areas? YES NO

3. Have you inspected the entire facility to verify that the SWPPP's site map, is up-to-date? The following site map items should be verified: YES NO

- facility boundaries
- outline of all storm water drainage areas
- areas impacted by run-on
- storm water discharges locations
- storm water collection and conveyance system
- structural control measures such as catch basins, berms, containment areas, oil/water separators, etc.

4. Have you reviewed all General Permit compliance records generated since the last annual evaluation? YES NO

The following records should be reviewed:

- quarterly authorized non-storm water discharge visual observations
- monthly storm water discharge visual observation
- records of spills/leaks and associated clean-up/response activities
- quarterly unauthorized non-storm water discharge visual observations
- Sampling and Analysis records
- preventative maintenance inspection and maintenance records

5. Have you reviewed the major elements of the SWPPP to assure compliance with the General Permit? YES NO

The following SWPPP items should be reviewed:

- pollution prevention team
- list of significant materials
- description of potential pollutant sources
- assessment of potential pollutant sources
- identification and description of the BMPs to be implemented for each potential pollutant source

6. Have you reviewed your SWPPP to assure that a) the BMPs are adequate in reducing or preventing pollutants in storm water discharges and authorized non-storm water discharges, and b) the BMPs are being implemented? YES NO

The following BMP categories should be reviewed:

- good housekeeping practices
- spill response
- employee training
- erosion control
- quality assurance
- preventative maintenance
- material handling and storage practices
- waste handling/storage
- structural BMPs

7. Has all material handling equipment and equipment needed to implement the SWPPP been inspected? YES NO

I. ACSCE EVALUATION REPORT

The facility operator is required to provide an evaluation report that includes:

- identification of personnel performing the evaluation
- the date(s) of the evaluation
- necessary SWPPP revisions
- schedule for implementing SWPPP revisions
- any incidents of non-compliance and the corrective actions taken.

Use **Form 5** to report the results of your evaluation or develop an equivalent form.

J. ACSCE CERTIFICATION

The facility operator is required to certify compliance with the Industrial Activities Storm Water General Permit. To certify compliance, both the SWPPP and Monitoring Program must be up to date and be fully implemented.

Based upon your ACSCE, do you certify compliance with the Industrial Activities Storm Water General Permit?

YES NO

If you answered "NO" **attach an explanation** to the ACSCE Evaluation Report why you are not in compliance with the Industrial Activities Storm Water General Permit.

ATTACHMENT SUMMARY

Answer the questions below to help you determine what should be attached to this annual report. Answer NA (Not Applicable) to questions 2-4 if you are not required to provide those attachments.

- 1. Have you attached Forms 1,2,3,4, and 5 or their equivalent? YES (Mandatory)

- 2. If you conducted sampling and analysis, have you attached the laboratory analytical reports? YES NO NA

- 3. If you checked box II, III, IV, or V in item D.2 of this Annual Report, have you attached the first page of the appropriate certifications? YES NO NA

- 4. Have you attached an explanation for each "NO" answer in items E.1, E.2, E.5-E.7, E.9, E.10.c, F.1.b, F.2.a, F.2.c, G.1, H.1-H.7, or J? YES NO NA

ANNUAL REPORT CERTIFICATION

I am duly authorized to sign reports required by the INDUSTRIAL ACTIVITIES STORM WATER GENERAL PERMIT (see Standard Provision C.9) and I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those person directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Printed Name: Joe Hess
Signature: JR Hess Date: 12-17-04
Title: Manager, EHS

2004-2005
ANNUAL REPORT

DESCRIPTION OF BASIC ANALYTICAL PARAMETERS

The Industrial Activities Storm Water General Permit (General Permit) requires you to analyze storm water samples for at least four parameters. These are pH, Total Suspended Solids (TSS), Specific Conductance (SC), and Total Organic Carbon (TOC). Oil and Grease (O&G) may be substituted for TOC. In addition, you must monitor for any other pollutants which you believe to be present in your storm water discharge as a result of industrial activity and analytical parameters listed in Table D of the General Permit. There are no numeric limitations for the parameters you test for.

The four parameters which the General Permit requires to be tested are considered *indicator* parameters. In other words, regardless of what type of facility you operate, these parameters are nonspecific and general enough to usually provide some indication whether pollutants are present in your storm water discharge. The following briefly explains what each of these parameters mean:

pH is a numeric measure of the hydrogen-ion concentration. The neutral, or acceptable, range is within 6.5 to 8.5. At values less than 6.5, the water is considered acidic; above 8.5 it is considered alkaline or basic. An example of an acidic substance is vinegar, and a alkaline or basic substance is liquid antacid. Pure rainfall tends to have a pH of a little less than 7. There may be sources of materials or industrial activities which could increase or decrease the pH of your storm water discharge. If the pH levels of your storm water discharge are high or low, you should conduct a thorough evaluation of all potential pollutant sources at your site.

Total Suspended Solids (TSS) is a measure of the undissolved solids that are present in your storm water discharge. Sources of TSS include sediment from erosion of exposed land, and dirt from impervious (i.e. paved) areas. Sediment by itself can be very toxic to aquatic life because it covers feeding and breeding grounds, and can smother organisms living on the bottom of a water body. Toxic chemicals and other pollutants also adhere to sediment particles. This provides a medium by which toxic or other pollutants end up in our water ways and ultimately in human and aquatic life. TSS levels vary in runoff from undisturbed land. It has been shown that TSS levels increase significantly due to land development.

Specific Conductance (SC) is a numerical expression of the ability of the water to carry an electric current. SC can be used to assess the degree of mineralization, salinity, or estimate the total dissolved solids concentration of a water sample. Because of air pollution, most rain water has a SC a little above zero. A high SC could affect the usability of waters for drinking, irrigation, and other commercial or industrial use.

Total Organic Carbon (TOC) is a measure of the total organic matter present in water. (All organic matter contains carbon) This test is sensitive and able to detect small concentrations of organic matter. Organic matter is naturally occurring in animals, plants, and man. Organic matter may also be man made (so called synthetic organics). Synthetic organics include pesticides, fuels, solvents, and paints. Natural organic matter utilizes the oxygen in a receiving water to biodegrade. Too much organic matter could place a significant oxygen demand on the water, and possibly impact its quality. Synthetic organics either do not biodegrade or biodegrade very slowly. Synthetic organics are a source of toxic chemicals that can have adverse affects at very low concentrations. Some of these chemicals bioaccumulate in aquatic life. If your levels of TOC are high, you should evaluate all sources of natural or synthetic organics you may use at your site.

Oil and Grease (O&G) is a measure of the amount of oil and grease present in your storm water discharge. At very low concentrations, O&G can cause a sheen (that floating "rainbow") on the surface of water (1 qt. of oil can pollute 250,000 gallons of water). O&G can adversely affect aquatic life and create unsightly floating material and film on water, thus making it undrinkable. Sources of O&G include maintenance shops, vehicles, machines and roadways.

If you have any questions regarding whether or not your constituent concentrations are too high, please contact your local Regional Board office. The United States Environmental Protection Agency (USEPA) has published stormwater discharge benchmarks for a number of parameters. These benchmarks may be helpful when evaluating whether additional BMPs are appropriate. These benchmarks can be accessed at our website at <http://www.waterboards.ca.gov>. It is contained in the Sampling and Analysis Reduction Certification.

See Storm Water Contacts at

<http://www.waterboards.ca.gov/stormwtr/contact.html>

FORM 1-SAMPLING & ANALYSIS RESULTS

FIRST STORM EVENT

- If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: <.05)
- If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank

- When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box.
- Make additional copies of this form as necessary.

NAME OF PERSON COLLECTING SAMPLE(S): _____

TITLE: _____

SIGNATURE: _____

Not Applicable. No storm events sampled between 7/1/04 and 12/17/04 - **SIDE A**
 corresponding to the submitted of the NOT.

DESCRIBE DISCHARGE LOCATION Example: NW Out Fall	DATE/TIME OF SAMPLE COLLECTION	TIME DISCHARGE STARTED	ANALYTICAL RESULTS For First Storm Event								
			BASIC PARAMETERS				OTHER PARAMETERS				
			pH	TSS	SC	O&G	TOC				
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Not Applicable.

FORM 1-SAMPLING & ANALYSIS RESULTS

SIDE B

SECOND STORM EVENT

- If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: <.05)
- If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank
- When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box.
- Make additional copies of this form as necessary.

NAME OF PERSON COLLECTING SAMPLE(S): _____

TITLE: _____

SIGNATURE: _____

DESCRIBE DISCHARGE LOCATION Example: NW Out Fall	DATE/TIME OF SAMPLE COLLECTION	TIME DISCHARGE STARTED	ANALYTICAL RESULTS For First Storm Event									
			BASIC PARAMETERS					OTHER PARAMETERS				
			pH	TSS	SC	O&G	TOC					
	<input type="checkbox"/> AM <input type="checkbox"/> PM	<input type="checkbox"/> AM <input type="checkbox"/> PM										
	<input type="checkbox"/> AM <input type="checkbox"/> PM	<input type="checkbox"/> AM <input type="checkbox"/> PM										
	<input type="checkbox"/> AM <input type="checkbox"/> PM	<input type="checkbox"/> AM <input type="checkbox"/> PM										
	<input type="checkbox"/> AM <input type="checkbox"/> PM	<input type="checkbox"/> AM <input type="checkbox"/> PM										
TEST REPORTING UNITS:			pH Units	mg/l	umho/cm	mg/l	mg/l					
TEST METHOD DETECTION LIMIT:												
TEST METHOD USED:												
ANALYZED BY (SELF/LAB):												

TSS - Total Suspended Solids

SC - Specific Conductance

O&G - Oil & Grease

TOC - Total Organic Carbon

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Not Applicable.

SIDE A

**FORM 2-QUARTERLY VISUAL OBSERVATIONS OF AUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)**

- Quarterly dry weather visual observations are required of each authorized NSWD.
- Observe each authorized NSWD source, impacted drainage area, and discharge location.
- Authorized NSWDs must meet the conditions provided in Section D (pages 5-6), of the General Permit.
- Make additional copies of this form as necessary.

<p>QUARTER: JULY-SEPT.</p> <p>DATE: _____</p>	<p>Observers Name: _____</p> <p>Title: _____</p> <p>Signature: _____</p>	<p>WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER?</p> <p><input type="checkbox"/> YES If YES, complete reverse side of this form.</p> <p><input type="checkbox"/> NO</p>
<p>QUARTER: OCT.-DEC.</p> <p>DATE: _____</p>	<p>Observers Name: _____</p> <p>Title: _____</p> <p>Signature: _____</p>	<p>WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER?</p> <p><input type="checkbox"/> YES If YES, complete reverse side of this form.</p> <p><input type="checkbox"/> NO</p>
<p>QUARTER: JAN.-MARCH</p> <p>DATE: _____</p>	<p>Observers Name: _____</p> <p>Title: _____</p> <p>Signature: _____</p>	<p>WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER?</p> <p><input type="checkbox"/> YES If YES, complete reverse side of this form.</p> <p><input type="checkbox"/> NO</p>
<p>QUARTER: APRIL-JUNE</p> <p>DATE: _____</p>	<p>Observers Name: _____</p> <p>Title: _____</p> <p>Signature: _____</p>	<p>WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER?</p> <p><input type="checkbox"/> YES If YES, complete reverse side of this form.</p> <p><input type="checkbox"/> NO</p>

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**FORM 2-QUARTERLY VISUAL OBSERVATIONS OF AUTHORIZED
 NON-STORM WATER DISCHARGES (NSWDs)**

Not Applicable.

SIDE B

DATE / TIME OF OBSERVATION	SOURCE AND LOCATION OF AUTHORIZED NSWD	NAME OF AUTHORIZED NSWD	DESCRIBE AUTHORIZED NSWD CHARACTERISTICS		DESCRIBE ANY REVISED OR NEW BMPs AND PROVIDE THEIR IMPLEMENTATION DATE
			At the NSWD Source	At the NSWD Drainage Area and Discharge Location	
<input type="checkbox"/> AM <input type="checkbox"/> PM	EXAMPLE: Air conditioner Units on Building C	EXAMPLE: Air conditioner condensate			
<input type="checkbox"/> AM <input type="checkbox"/> PM					
<input type="checkbox"/> AM <input type="checkbox"/> PM					
<input type="checkbox"/> AM <input type="checkbox"/> PM					
<input type="checkbox"/> AM <input type="checkbox"/> PM					

**FORM 3-QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)**

- Unauthorized NSWDs are discharges (such as wash or rinse waters) that do not meet the conditions provided in Section D (pages 5-6) of the General Permit.
- Quarterly visual observations are required to observe current and detect prior unauthorized NSWDs.
- Quarterly visual observations are required during dry weather and at all facility drainage areas.
- Each unauthorized NSWD source, impacted drainage area, and discharge location must be identified and observed.
- Unauthorized NSWDs that can not be eliminated within 90 days of observation must be reported to the Regional Board in accordance with Section A.10.e of the General Permit.
- Make additional copies of this form as necessary.

<p>QUARTER: JULY-SEPT. DATE/TIME OF OBSERVATIONS 7/30 9:15 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM</p>	<p>Observers Name: <u>Marty King</u> Title: <u>Sc Assoc. EHS</u> Signature: <u>[Signature]</u></p>	<p>WERE UNAUTHORIZED NSWDs OBSERVED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>If YES to either question, complete reverse side.</p>
<p>QUARTER: OCT.-DEC. DATE/TIME OF OBSERVATIONS 10/17 8:00 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM</p>	<p>Observers Name: <u>Marty King</u> Title: <u>Sc Assoc. EHS</u> Signature: <u>[Signature]</u></p>	<p>WERE UNAUTHORIZED NSWDs OBSERVED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>If YES to either question, complete reverse side.</p>
<p>QUARTER: JAN.-MARCH DATE/TIME OF OBSERVATIONS <input type="checkbox"/> AM <input type="checkbox"/> PM</p>	<p>Observers Name: _____ Title: _____ Signature: _____</p>	<p>WERE UNAUTHORIZED NSWDs OBSERVED? <input type="checkbox"/> YES <input type="checkbox"/> NO WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>If YES to either question, complete reverse side.</p>
<p>QUARTER: APRIL-JUNE DATE/TIME OF OBSERVATIONS <input type="checkbox"/> AM <input type="checkbox"/> PM</p>	<p>Observers Name: _____ Title: _____ Signature: _____</p>	<p>WERE UNAUTHORIZED NSWDs OBSERVED? <input type="checkbox"/> YES <input type="checkbox"/> NO WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>If YES to either question, complete reverse side.</p>

**FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)**

OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD	SOURCE AND LOCATION OF UNAUTHORIZED NSWD	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS		DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
			AT THE UNAUTHORIZED NSWD SOURCE	AT THE UNAUTHORIZED NSWD AREA AND DISCHARGE LOCATION	
<input type="checkbox"/> AM <input type="checkbox"/> PM	<u>EXAMPLE:</u> Vehicle Wash Water	<u>EXAMPLE:</u> NW Corner of Parking Lot			
<input type="checkbox"/> AM <input type="checkbox"/> PM			<i>None</i>		
<input type="checkbox"/> AM <input type="checkbox"/> PM					
<input type="checkbox"/> AM <input type="checkbox"/> PM					

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FORM 4-MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES**

SIDE A

- Storm water discharge visual observations are required for at least one storm event per month between October 1 and May 31.
- Visual observations must be conducted during the first hour of discharge at all discharge locations.
- Discharges of temporarily stored or contained storm water must be observed at the time of discharge.

- Indicate "None" in the first column of this form if you did not conduct a monthly visual observation.
- Make additional copies of this form as necessary.
- Until a monthly visual observation is made, record any eligible storm events that do not result in a storm water discharge and note the date, time, name, and title of who observed there was no storm water discharge.

Not Applicable.

Observation Date: October ____ 2004		#1	#2	#3	#4
Observers Name: _____	Drainage Location Description				
Title: _____	Observation Time	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Signature: _____	Time Discharge Began	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
	Were Pollutants Observed (if yes, complete reverse side)	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>
Observation Date: November ____ 2004	Drainage Location Description	#1	#2	#3	#4
Observers Name: _____	Observation Time	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Title: _____	Time Discharge Began	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Signature: _____	Were Pollutants Observed (if yes, complete reverse side)	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>
Observation Date: December ____ 2004	Drainage Location Description	#1	#2	#3	#4
Observers Name: _____	Observation Time	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Title: _____	Time Discharge Began	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Signature: _____	Were Pollutants Observed (if yes, complete reverse side)	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>
Observation Date: January ____ 2005	Drainage Location Description	#1	#2	#3	#4
Observers Name: _____	Observation Time	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Title: _____	Time Discharge Began	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.	<input type="checkbox"/> P.M. <input type="checkbox"/> A.M.
Signature: _____	Were Pollutants Observed (if yes, complete reverse side)	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>

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FORM 4-MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES

SIDE B

DATE/TIME OF OBSERVATION (From Reverse Side)	DRAINAGE AREA DESCRIPTION	DESCRIBE STORM WATER DISCHARGE CHARACTERISTICS	IDENTIFY AND DESCRIBE SOURCE(S) OF POLLUTANTS	DESCRIBE ANY REVISED OR NEW BMPs AND THEIR DATE OF IMPLEMENTATION
<input type="checkbox"/> AM <input type="checkbox"/> PM		Indicate whether storm water discharge is clear, cloudy, or discolored; causing staining; containing floating objects or an oil sheen, has odors, etc.	EXAMPLE: Oil sheen caused by oil dripped by trucks in vehicle maintenance area.	
<input type="checkbox"/> AM <input type="checkbox"/> PM		N/A		
<input type="checkbox"/> AM <input type="checkbox"/> PM				
<input type="checkbox"/> AM <input type="checkbox"/> PM				
<input type="checkbox"/> AM <input type="checkbox"/> PM				

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FORM 4 (Continued)-MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES **SIDE A**

- Storm water discharge visual observations are required for at least one storm event per month between October 1 and May 31.
- Visual observations must be conducted during the first hour of discharge at all discharge locations.
- Discharges of temporarily stored or contained storm water must be observed at the time of discharge.

- Indicate "None" in the first column of this form if you did not conduct a monthly visual observation.
- Make additional copies of this form as necessary.
- Until a monthly visual observation is made, record any eligible storm events that do not result in a storm water discharge and note the date, time, name, and title of who observed there was no storm water discharge.

	#1	#2	#3	#4
Observation Date: February ____ 2005 Observers Name: _____ Title: _____ Signature: _____	Drainage Location Description #1 Observation Time Time Discharge Began Were Pollutants Observed (if yes, complete reverse side) YES <input type="checkbox"/> NO <input type="checkbox"/>	Drainage Location Description #2 Observation Time Time Discharge Began Were Pollutants Observed (if yes, complete reverse side) YES <input type="checkbox"/> NO <input type="checkbox"/>	Drainage Location Description #3 Observation Time Time Discharge Began Were Pollutants Observed (if yes, complete reverse side) YES <input type="checkbox"/> NO <input type="checkbox"/>	Drainage Location Description #4 Observation Time Time Discharge Began Were Pollutants Observed (if yes, complete reverse side) YES <input type="checkbox"/> NO <input type="checkbox"/>
Observation Date: March ____ 2005 Observers Name: _____ Title: _____ Signature: _____	Drainage Location Description #1 Observation Time Time Discharge Began Were Pollutants Observed (if yes, complete reverse side) YES <input type="checkbox"/> NO <input type="checkbox"/>	Drainage Location Description #2 Observation Time Time Discharge Began Were Pollutants Observed (if yes, complete reverse side) YES <input type="checkbox"/> NO <input type="checkbox"/>	Drainage Location Description #3 Observation Time Time Discharge Began Were Pollutants Observed (if yes, complete reverse side) YES <input type="checkbox"/> NO <input type="checkbox"/>	Drainage Location Description #4 Observation Time Time Discharge Began Were Pollutants Observed (if yes, complete reverse side) YES <input type="checkbox"/> NO <input type="checkbox"/>
Observation Date: April ____ 2005 Observers Name: _____ Title: _____ Signature: _____	Drainage Location Description #1 Observation Time Time Discharge Began Were Pollutants Observed (if yes, complete reverse side) YES <input type="checkbox"/> NO <input type="checkbox"/>	Drainage Location Description #2 Observation Time Time Discharge Began Were Pollutants Observed (if yes, complete reverse side) YES <input type="checkbox"/> NO <input type="checkbox"/>	Drainage Location Description #3 Observation Time Time Discharge Began Were Pollutants Observed (if yes, complete reverse side) YES <input type="checkbox"/> NO <input type="checkbox"/>	Drainage Location Description #4 Observation Time Time Discharge Began Were Pollutants Observed (if yes, complete reverse side) YES <input type="checkbox"/> NO <input type="checkbox"/>
Observation Date: May ____ 2005 Observers Name: _____ Title: _____ Signature: _____	Drainage Location Description #1 Observation Time Time Discharge Began Were Pollutants Observed (if yes, complete reverse side) YES <input type="checkbox"/> NO <input type="checkbox"/>	Drainage Location Description #2 Observation Time Time Discharge Began Were Pollutants Observed (if yes, complete reverse side) YES <input type="checkbox"/> NO <input type="checkbox"/>	Drainage Location Description #3 Observation Time Time Discharge Began Were Pollutants Observed (if yes, complete reverse side) YES <input type="checkbox"/> NO <input type="checkbox"/>	Drainage Location Description #4 Observation Time Time Discharge Began Were Pollutants Observed (if yes, complete reverse side) YES <input type="checkbox"/> NO <input type="checkbox"/>

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FORM 4 (Continued)-MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES

SIDE B

DATE/TIME OF OBSERVATION (From Reverse Side)	DRAINAGE AREA DESCRIPTION	DESCRIBE STORM WATER DISCHARGE CHARACTERISTICS	IDENTIFY AND DESCRIBE SOURCE(S) OF POLLUTANTS	DESCRIBE ANY REVISED OR NEW BMPs AND THEIR DATE OF IMPLEMENTATION
<input type="checkbox"/> AM <input type="checkbox"/> PM	EXAMPLE: Discharge from material storage Area #2	Indicate whether storm water discharge is clear, cloudy, or discolored; causing staining; containing floating objects or an oil sheen, hex odors, etc.	EXAMPLE: Oil sheen caused by oil dripped by trucks in vehicle maintenance area.	
<input type="checkbox"/> AM <input type="checkbox"/> PM				
<input type="checkbox"/> AM <input type="checkbox"/> PM				
<input type="checkbox"/> AM <input type="checkbox"/> PM				
<input type="checkbox"/> AM <input type="checkbox"/> PM				

FORM 5-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS

EVALUATION DATE: 7/30/04 INSPECTOR NAME: Natty King TITLE: Sr. Assoc. EHS SIGNATURE: [Signature]

POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) Manufacturing Area	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP Implementation None	Describe additional/revised BMPs or corrective actions and their date(s) of Implementation None
	ARE ADDITIONAL/REVISED BMPs NECESSARY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) Material Handling and Storage Area	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP Implementation None	Describe additional/revised BMPs or corrective actions and their date(s) of Implementation None
	ARE ADDITIONAL/REVISED BMPs NECESSARY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) Mfg. waste water system area	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP Implementation None	Describe additional/revised BMPs or corrective actions and their date(s) of Implementation None
	ARE ADDITIONAL/REVISED BMPs NECESSARY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) Facilities Area	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP Implementation None	Describe additional/revised BMPs or corrective actions and their date(s) of Implementation None
	ARE ADDITIONAL/REVISED BMPs NECESSARY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			

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SIDE B

FORM 5 (Continued)-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS

EVALUATION DATE: _____ INSPECTOR NAME: _____ TITLE: _____ SIGNATURE: _____

POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?		If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP Implementation	Describe additional/revISED BMPs or corrective actions and their date(s) of Implementation
	ARE ADDITIONAL/REVISED BMPs NECESSARY?	<input type="checkbox"/> YES <input type="checkbox"/> NO			
	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO			
	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO		N/A	
	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO			
	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO			

Annual Report 2004 – 2005
Storm Water Discharges Associated with Industrial Activity

Biogen Idec Inc.

Explanation Sheet Attachment

E.1. This annual report is being completed for the time frame corresponding to July 1, 2004 to December 17, 2004 and is an attachment to a Notice of Termination. No storm events were sampled because the only storm events that occurred and produced a discharge between July 1, 2004 and December 17, 2004 occurred outside of normal facility operating hours.

E.2. See E.1 above.

E.5. See E.1 above.

E.6. See E.1 above.

E.7. See E.1 above.

F.2.a. This annual report only covers the time period of July 1, 2004 to December 17, 2004. This timeframe corresponds only to the first and second quarters of annual unauthorized stormwater discharge observations. Therefore, observations were not made during the last two quarters.

G.1. See the explanation for F.2.a above. This timeframe only includes October 1 through the December 17, 2004 of the wet season.

af 12/21/04

biogen idec

STATE OF CALIFORNIA
WATER QUALITY
CONTROL BOARD

2004 DEC 20 PM 2:31

December 17, 2004

California Regional Water Quality Control Board
San Diego Region (9)
9174 Sky Park Court, Ste. 100
San Diego, CA 92123

Re: Notice of Termination for Biogen Idec Inc.
11011 Torreyana Rd.
WDID 9371010764

NOT Terminated
5/25/05

Dear RWCQB Representative:

Enclosed please find a Notice of Termination and Annual Report for the abovementioned site. The Biogen Idec, Inc. business at this location has been sold and the new tenant will occupy the facility beginning January 10, 2005. Please feel free to contact me at 760.231.2491 should you have any questions. Thank you.

Sincerely,



Joseph R. Hess
EHS Manager

Approved and mailed to
SUPERB. af 1/2/05

C. Jennifer L. Kraus, MPH, PhD
GECCo, Inc.

File # 10-010764.02

State of California State
Water Resources Control Board
NOTICE OF INTENT
For Existing Facility Operators



482

TO COMPLY WITH THE TERMS OF THE
GENERAL PERMIT TO DISCHARGE STORM WATER
ASSOCIATED WITH INDUSTRIAL ACTIVITY (WQ ORDER No. 97-03-DWQ)

This Notice of Intent (NOI) is being sent to all facility operators that were enrolled under the prior Industrial Storm Water General Permit that has now expired. A new General Permit has been adopted to replace the expired one. To enroll under the new General Permit, review this NOI (and make any necessary corrections), sign the CERTIFICATION on the reverse side, and return this original NOI within 45 days of receipt to: STORM WATER NOI PROCESSING UNIT, STATE WATER RESOURCES CONTROL BOARD, PO BOX 1977, SACRAMENTO, CA 95812-1977

FACILITY OPERATOR INFORMATION:

NAME: IDEC PHARMACEUTICALS

STREET: 11011 TORREYANA RD

CITY, STATE, ZIP: SAN DIEGO, CA 92121

WDID: 9 37S010764

CONTACT & PHONE

MARK THOMPSON

(619) 550-8670

550-8613

FACILITY LOCATION:

NAME: IDEC PHARMACEUTICALS

STREET: 11011 TORREYANA RD

CITY, STATE, ZIP: SAN DIEGO, CA 92121

County: San Diego

CONTACT & PHONE

MARK THOMPSON

(619) 550-8670

550-8613

FACILITY MAILING ADDRESS: (IF DIFFERENT THAN FACILITY LOCATION)

STREET OR POST OFFICE BOX: _____

CITY, STATE, ZIP: _____

ADDRESS FOR CORRESPONDENCE - SEND TO: (CHECK ONE)

Facility Operator Address Facility Mailing Address Both

BILLING ADDRESS INFORMATION - SEND TO: (CHECK ONE)

Facility Operator Address Facility Mailing Address Other (enter below)

NAME: _____

STREET: _____

CITY, STATE, ZIP: _____

CONTACT PERSON: _____ PHONE: _____

SIC(S) OF REGULATED ACTIVITY:

2836 Biological Products, except Diagnostic Substances

CERTIFICATION:

WDID: 937S010764

"I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. In addition, I certify that the provisions of the permit, including the development of and implementation of a Storm Water Pollution Prevention Plan and a Monitoring Program Plan, will be complied with."

Printed Name: Mark Thompson

Signature: Mark Thompson Date: 5/13/97

Title: Manager EH&S

MARK THOMPSON
IDEC PHARMACEUTICALS
11011 TORREYANA RD
SAN DIEGO, CA 92121

For State Water Board Use



010764

NOTICE OF INTENT
TO COMPLY WITH THE TERMS OF THE
GENERAL PERMIT TO DISCHARGE STORM WATER
ASSOCIATED WITH INDUSTRIAL ACTIVITY (WQ Order Nos. (91-13-DWQ & 92-12-DWQ)
(Excluding Construction Activities)

MARK ONLY ONE ITEM 1. Existing Facility 3. Change of Information
2. New Facility WDID # _____

I. OWNER/OPERATOR

Name IDEC PHARMACEUTICALS		A. Owner/Operator Type (Check one)	
Mailing Address 11011 TORREYANA ROAD		1. <input type="checkbox"/> City 2. <input type="checkbox"/> County 3. <input type="checkbox"/> State 4. <input type="checkbox"/> Federal	
City SAN DIEGO		State CA	Zip 92121
Contact Person MARIKI THOMPSON		Phone 619-550-1867	
		B. 1. <input type="checkbox"/> Owner 2. <input checked="" type="checkbox"/> Operator 3. <input type="checkbox"/> Owner/Operator	

II. FACILITY/SITE INFORMATION

Facility Name IDEC PHARMACEUTICALS		County SAN DIEGO	
Street Address 11011 TORREYANA ROAD		Contact Person	
City SAN DIEGO		State CA	Zip 92121
		Phone 619-550-1867	

III. BILLING ADDRESS

Send to: <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> FACILITY <input type="checkbox"/> OTHER (Enter information at right)	Name		
	Mailing Address		
	City	State	Zip

IV. RECEIVING WATER INFORMATION

A. Does your construction site's storm water discharge to (Check one)

1. Storm drain system - Enter system owners name _____

2. Directly to waters of U.S. (e.g., river, lake, creek, ocean)

3. Indirectly to waters of U.S.

B. Name of closest receiving water: PACIFIC OCEAN

RECEIVED
 DEC 21 1993
 SAN DIEGO REGIONAL WATER
 QUALITY CONTROL BOARD

STATE USE ONLY

WDID: _____

NPDES Permit Number: _____

CA _____

9 37S010764 REGION:9 ISSUED:11-19-91
 NPDES: CAS000001 ORDER:91-013 \$250
 DATE: 12/01/93

CK#: 024770 - \$250.00

PERMIT ISSUED

used: _____

NOI Received: _____

INDUSTRIAL INFORMATION

A. SIC Code(s) 1. <u>2836</u> 2. <input type="checkbox"/> 3. <input type="checkbox"/> 4. <input type="checkbox"/>	B. Type of Business <u>PHARMACEUTICALS</u>
--	---

C. Industrial activities at facility (Check all that apply)

<input checked="" type="checkbox"/> Manufacturing	<input type="checkbox"/> Vehicle Maintenance	<input type="checkbox"/> Hazardous Waste Treatment, Storage, or Disposal Facility (RCRA Subtitle C)
<input type="checkbox"/> Material Storage	<input type="checkbox"/> Vehicle Storage	<input checked="" type="checkbox"/> Material Handling
<input type="checkbox"/> Power Generation	<input type="checkbox"/> Recycling	<input type="checkbox"/> Wastewater Treatment
		<input type="checkbox"/> Landfill
99. <input type="checkbox"/> Other: _____		

VI. MATERIAL HANDLING/MANAGEMENT PRACTICES

A. Types of materials handled and/or stored outdoors (Check all that apply)

<input checked="" type="checkbox"/> Solvents	<input type="checkbox"/> Scrap Metal	<input type="checkbox"/> Petroleum Products	<input type="checkbox"/> Plating Products
<input type="checkbox"/> Pesticides	<input checked="" type="checkbox"/> Hazardous Wastes	<input type="checkbox"/> Paints	<input type="checkbox"/> Wood Treating Products
99. <input checked="" type="checkbox"/> Other (Please list) <u>HAZARDOUS MATERIALS</u>			

B. Identify existing management practices employed to reduce pollutants in industrial storm water discharges (Check all that apply)

<input type="checkbox"/> Oil/Water Separator	<input checked="" type="checkbox"/> Containment	<input checked="" type="checkbox"/> Berms	<input type="checkbox"/> Leachate Collection
<input type="checkbox"/> Overhead Coverage	<input type="checkbox"/> Recycling	<input checked="" type="checkbox"/> Retention Facilities	<input type="checkbox"/> Chemical Treatment
99. <input type="checkbox"/> Other (Please list)			

VII. FACILITY INFORMATION

A. Total size of site (Check one) <u>130110101</u> <input type="checkbox"/> Acres <input checked="" type="checkbox"/> Sq. Ft.	B. Percent of site impervious (Including rooftops) <u>190</u> %
--	--

VIII. REGULATORY STATUS (Check all that apply)

A. <input type="checkbox"/> Regulated by Storm water Effluent Guidelines (40 CFR Subchapter N)	B. <input type="checkbox"/> Waste Discharge Requirements (Order Number) _____	C. <input type="checkbox"/> NPDES Permit CA _____
D. <input type="checkbox"/> RCRA Permit Number <u>CA.D.9.8.1.5.83479</u>	E. <input type="checkbox"/> Regulated by California Code of Regulations Article 6, Chapter 15 (Feedlots).	

IX. CERTIFICATION

"I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment." In addition, I certify that the provisions of the permit, including the development and implementation of a Storm Water Pollution Prevention Plan and a Monitoring Program Plan, will be complied with.

Printed Name: Chris Burman
 Signature: *CBurman* Date: 11-2-93
 Title: Vice President, Manufacturing Sciences

**POLLUTION PREVENTION TEAM
(Section 2.1.1)**

MEMBER ROSTER

Worksheet #1

Completed by: Mark Thompson

Title: Environmental Health & Safety Officer

Date: 11/1/93

Leader: MARK THOMPSON

Title: Environmental Health & Safety Officer

Office Phone: 619-550-8670

Responsibilities: Coordinate EMPLOYEE TRAINING, ORGANIZE RESPONSE
AND CLEAN-UP.

Members:

(1) GORDAN MEACHAM

Title: FACILITIES MANAGER

Office Phone: 619-550-8651

Responsibilities: MANAGE OVERALL FACILITY, GENERAL EMERGENCY RESPONSE
INSPECT FACILITY FOR LEAKS, SPILLS. MAINTAIN FACILITY RECORDS.

(2) MARTY KING

Title: ENVIRONMENTAL HEALTH & SAFETY SUPERVISOR

Office Phone: 619-550-8671

Responsibilities: ALTERNATE TO SAFETY OFFICER, ASSISTS IN FACILITY
INSPECTIONS, COORDINATES CHEMICAL STORAGE AREA.

(3) MARY RUTH, GARY THELEN, CHARLOTTE
CONE

Title: MANAGERS, MANUFACTURING

Office Phone: 619-550-8500

Responsibilities: MANUFACTURING OPERATIONS (FILLING, VIALING, PURIFICATION)

(4) BERT VAN LOON

Title: DIRECTOR, ENGINEERING/FACILITIES

Office Phone: 619-550-8653

Responsibilities: SIGNATURE AUTHORITY.

**DEVELOPING A SITE MAP
(Section 2.2.1)**

Worksheet #2

Completed by: Mark Thompson

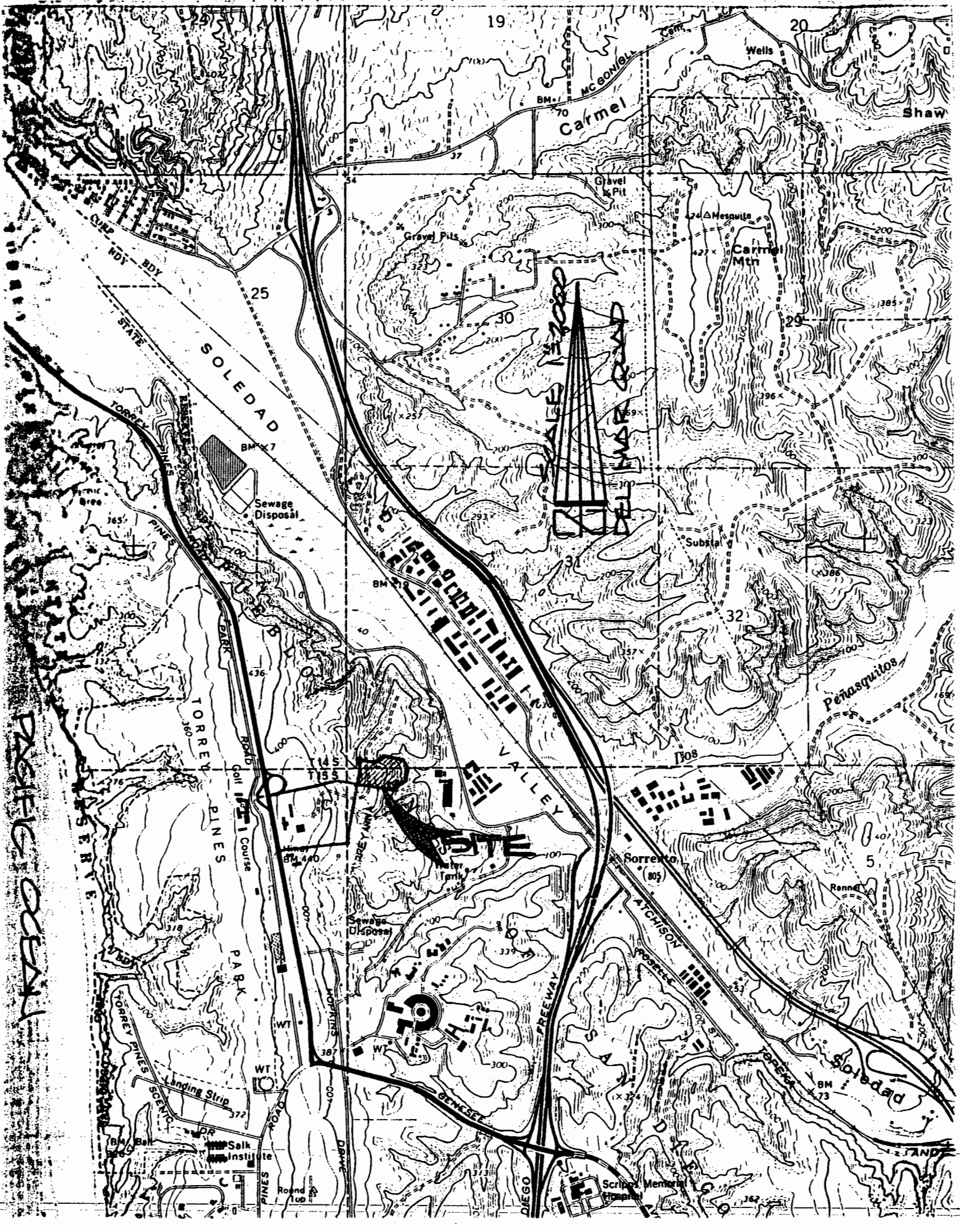
Title: Environmental Health & Safety Officer

Date: 11/1/93

Instructions: Draw a map of your site including a footprint of all buildings, structures, paved areas, and parking lots. The information below describes additional elements required by EPA's General Permit (see example maps in Figures 2.3 and 2.4).

EPA's General Permit requires that you indicate the following features on your site map:

- All outfalls and storm water discharges
- Drainage areas of each storm water outfall
- Structural storm water pollution control measures, such as:
 - Flow diversion structures
 - Retention/detention ponds
 - Vegetative swales
 - Sediment traps
- Name of receiving waters (or if through a Municipal Separate Storm Sewer System)
- Locations of exposed significant materials (see Section 2.2.2)
- Locations of past spills and leaks (see Section 2.2.3)
- Locations of high-risk, waste-generating areas and activities common on industrial sites such as:
 - Fueling stations
 - Vehicle/equipment washing and maintenance areas
 - Area for unloading/loading materials
 - Above-ground tanks for liquid storage
 - Industrial waste management areas (landfills, waste piles, treatment plants, disposal areas)
 - Outside storage areas for raw materials, by-products, and finished products
 - Outside manufacturing areas
 - Other areas of concern (specify: _____)



PACIFIC OCEAN

19

20

SOLEDAD

DEL MAR ROAD

VALLEY

TORREY PINES PARK

Sorrento (805)

Soledad

Carmel

Wells

Shaw

Sewage Disposal

Sewage Disposal

ATCHISON

Scripps Memorial Hospital

Landing Strip

Salk Institute

Round Top

DIEGO

JAND

DESCRIPTION OF EXPOSED SIGNIFICANT MATERIAL
(Section 2.2.2)

Worksheet #3A
 Completed by: Mark Thompson
 Title: Environmental Health & Safety Officer
 Date: 11/1/93

Instructions: Based on your material inventory, describe the significant materials that were exposed to storm water during the past three years and/or are currently exposed. For the definition of "significant materials" see Appendix B of the manual.

Description of Exposed Significant Material	Period of Exposure	Quantity Exposed (units)	Location (as indicated on the site map)	Method of Storage or Disposal (e.g., pile, drum, tank)	Description of Material Management Practice (e.g., pile covered, drum sealed)
CORROSIVE WASTES LITER	N/A	0	FIRST PLANT - S/SIDE IN MECHANICAL AREA	CLOSED TANK - MONITORED	MATERIAL IS IN CLOSED, MONITORED TANK, LOCATION IN PIT WHICH WILL HOLD CONTENTS IF LEAK
TREATMENT CHEMICALS SULFURIC ACID FOR HYDROLYSIS	N/A	0	MECHANICAL SHOP	DRUMS	LOCATION IS ZIMED AND RAMPED TO PREVENT TRENDS, DRUMS ARE SEALED
MISC. HAZARDOUS WASTES	N/A	0	S/E GRINDER LOT	DRUMS, GLASS CONTAINER IN H3/H13 occup. Bldg.	MATS WILL BE TO CONTAINED IN BLDG. SUMP WILL CONTAIN ANY POTENTIAL TRENDS (See Attachment)

NOTE: NEW FACILITY

NOTE: NEW FACILITY AND PREVIOUS HISTORICAL

LIST OF SIGNIFICANT SPILLS AND LEAKS
(Section 2.2.3)

Worksheet #4

Completed by: Mark Thompson

Title: Environmental Health & Safety Officer

Date: 11/1/93

Directions: Record below all significant spills and significant leaks of toxic or hazardous pollutants that have occurred at the facility in the three years prior to the effective date of the permit.

Definitions: Significant spills include, but are not limited to, releases of oil or hazardous substances in excess of reportable quantities.

1st Year Prior		Location (as indicated on site map)	Description			Response Procedure		Preventive Measures Taken
Date (month/day/year)	Spill		Leak	Type of Material	Quantity	Source, if Known	Reason	
			Type of Material	Quantity	Source, if Known	Reason	Amount of Material Recovered	
NEW FACILITY/NO OPERATING HISTORY								
2nd Year Prior								
3rd Year Prior		Location (as indicated on site map)	Description			Response Procedure		Preventive Measures Taken
Date (month/day/year)	Spill		Leak	Type of Material	Quantity	Source, if Known	Reason	
			Type of Material	Quantity	Source, if Known	Reason	Amount of Material Recovered	

**NON-STORM WATER DISCHARGE
ASSESSMENT AND CERTIFICATION**
(Section 2.2.4)

Worksheet #5
Completed by: Mark Thompson
Title: Environmental Health & Safety Officer
Date: 11/1/93

Date of Test or Evaluation	Outfall Directly Observed During the Test (Identify as indicated on the site map)	Method Used to Test or Evaluate Discharge	Describe Results from Test for the Presence of Non-Storm Water Discharge	Identify Potential Significant Sources	Name of Person Who Conducted the Test or Evaluation
11/1/93	OUTFALL #1	VISUAL INSPECTION	NO DISCHARGE OBSERVED	NONE	MARK THOMPSON
11/1/93	OUTFALL #2	VISUAL INSPECTION	NO DISCHARGE OBSERVED	HAZARDOUS MATS STORAGE AREA	MARK THOMPSON
11/1/93	OUTFALL #3	VISUAL INSPECTION	NO DISCHARGE OBSERVED	NONE	MARK THOMPSON

CERTIFICATION

I, _____ (responsible corporate official), certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name & Official Title (Type or print)
Chris Burman, Vice President, Manufacturing Sciences

B. Area Code and Telephone No.
619-550-9690

C. Signature
Chris Burman

D. Date Signed
11.2.93

**NON-STORM WATER DISCHARGE ASSESSMENT AND
FAILURE TO CERTIFY NOTIFICATION
(Section 2.2.4)**

Worksheet #6
 Completed by: Mark Thompson
 Title: Environmental Health & Safety Officer
 Date: 11/1/93

Directions: If you cannot feasibly test or evaluate an outfall due to one of the following reasons, fill in the table below with the appropriate information and sign this form to certify the accuracy of the included information.

List all outfalls not tested or evaluated, describe any potential sources of non-storm water pollution from listed outfalls, and state the reason(s) why certification is not possible. Use the key from your site map to identify each outfall.

Important Notice: A copy of this notification must be signed and submitted to the Director within 180 days of the effective date of this permit.

Identify Outfall Not Tested/Evaluated	Description of Why Certification Is Infeasible	Description of Potential Sources of Non-Storm Water Pollution
NONE		

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations, and that such notification has been made to the Director within 180 days of _____ (date permit was issued), the effective date of this permit.

A. Name & Official Title (type or print) Chris Burman Vice President, Manufacturing Sciences
 B. Area Code and Telephone No. 619-550-8640
 C. Signature Chris Burman
 D. Date Signed 11.2.93

POLLUTANT SOURCE IDENTIFICATION
(Section 2.2.6)

Worksheet #7
Completed by: Mark Thompson
Title: Environmental Health & Safety
Date: 11/1/93

Instructions: List all identified storm water pollutant sources and describe existing management practices that address those sources. In the third column, list BMP options that can be incorporated into the plan to address remaining sources of pollutants.

Storm Water Pollutant Sources	Existing Management Practices	Description of New BMP Options
1. HAZARDOUS MATERIALS/WASTE STORAGE	<ul style="list-style-type: none"> • SIGNS IDENTIFYING AREA/MATERIALS • BERNED/DIKED CONTAINMENT INSPECTED FOR LEAKS • ILE OF SECONDARY CONTAINMENT 	<ul style="list-style-type: none"> • TRAINING OF EMPLOYEES - ROUTINE INSPECTIONS • PLACEMENT OF ADDITIONAL SPILL RESPONSE EQUIP.
2. PILOT PLANT: CORROSIIVE WASTE WRITER	<ul style="list-style-type: none"> • PERIODIC INSPECTIONS OF SYSTEM 	<ul style="list-style-type: none"> • PROVIDE SPILL EQUIP. INCLUDING BOOMS AND SKRBS.
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

BMP IDENTIFICATION
(Section 2.3.1)

Worksheet #7a
 Completed by: Mark Thompson
 Title: Environmental Health & Safety Officer
 Date: 11/1/93

Instructions: Describe the Best Management Practices that you have selected to include in your plan. For each of the baseline BMPs, describe actions that will be incorporated into facility operations. Also describe any additional BMPs facility-specific (Chapter 3) and site-specific BMPs (Chapter 4) that you have selected. Attach additional sheets if necessary.

BMPs	Brief Description of Activities
Good Housekeeping	<ul style="list-style-type: none"> • ROUTINE CLEAN UP AND MAINTENANCE OF ALL OUTDOOR AREAS
Preventive Maintenance	<ul style="list-style-type: none"> • VISUAL INSPECTIONS OF POTENTIAL SOURCES • REPLACE OR REPAIR IDENTIFIED DISCREPANCIES • RE-EXAMINE LAND MAINTENANCE SECURITY TO HAZYMAT AREA.
Inspections	SEE ABOVE : INSPECTIONS ARE PERFORMED ACCORDING TO RCRA, SPCC AND OTHER REQUIREMENTS
Spill Prevention Response	DESIGNATE , TRAIN RESPONSIBLE PARTIES PROVIDE ADDITIONAL RESPONSE EQUIPMENT
Sediment and Erosion Control	UTILIZE NATURAL SETTINGS (GRASSES, SHRUBS, ETC) WHERE EXISTING. LANDSCAPE TREES ARE
Management of Runoff	USE OF HERMS, LANDFILL
Additional BMPs (Activity-specific and Site-specific)	SUBSTITUTE NON-HAZARDOUS SUBSTANCES WHERE POSSIBLE.

IMPLEMENTATION
(Section 2.4.11)

Worksheet #8
 Completed by: Mark Thompson
 Title: Environmental Health & Safety Office
 Date: 11/1/93

Instructions: Develop a schedule for implementing each BMP. Provide a brief description of each BMP, the steps necessary to implement the BMP (i.e., any construction or design), the schedule for completing those steps (list dates) and the person(s) responsible for implementation.

BMPs	Description of Action(s) Required for Implementation	Scheduled Completion Date(s) for Req'd. Action	Person Responsible for Action	Notes
Good Housekeeping	1. DEVELOP TRAINING PROGRAM	02-94	MARK THOMPSON	
	2. CONDUCT TRAINING - INCLUDE REFRESHER TRNG	03-94	"	
	3.			
Preventive Maintenance	1. USE OF SECONDARY CONTAINMENT	10-93	"	THIS IS NEW CONSTRUCTION CONTAINMENT W/RS DESIGNED W/ID PLANS
	2.			
	3.			
Inspections	1. DEVELOP INSPECTION PLAN	11-93	MARK THOMPSON/ G. MERCHANT	
	2.			
	3.			
Spill Prevention and Response	1. IMPLEMENT PLAN DEFINED IN BUSINESS PLAN	8-93	Mark Thompson	
	2.			
	3.			
Sediment and Erosion Control	1. N/A			
	2.			
	3.			
Management of Runoff	1. MONITOR	12/93	G. MERCHANT	OR DESIGNER
	2.			
	3.			
Additional BMPs (Actively-specific and site-specific)	1. PROVIDE SPILL CLEAN-UP MATERIALS ON SITE	11/93	Mark Thompson	
	2.			
	3.			

EMPLOYEE TRAINING
(Section 2.4.2)

Worksheet #9
 Completed by: Mark Thompson
 Title: Environmental Health & Safety Engineer
 Date: 11/1/93

Instructions: Describe the employee training program for your facility below. The program should, at a minimum, address spill prevention and response, good housekeeping, and material management practices. Provide a schedule for the training program and list the employees who attend training sessions.

Training Topics	Brief Description of Training Program/Materials (e.g., film, newsletter course)	Schedule for Training (list dates)	Attendees
Spill Prevention and Response	ANNUAL TRAINING WITH "HAND OUTS" AND DRILLS AS NEEDED	PERIODIC	PLANT EMPLOYEES FACILITIES
Good Housekeeping	HAND OUTS - PRUDENT PRACTICES FOR GOOD HOUSEKEEPING, RES. RET'G. ANNUALLY	PERIODIC	FACILITIES PLANT EMPLOYEES LAB WORKERS
Material Management Practices	HAND OUTS - HAZARD AVOIDING TECHNIQUES (VIDEO - SPILLS HAPPEN?) ANNUALLY AND AS NEEDED	ANNUALLY - PERIODIC	FACILITIES PLANT EMPLOYEES LAB WORKERS
Other Topics	HIPP LINKURY ILLNES PREVENTION PLAN 1	AT LEAST ANNUALLY	ALL EMPLOYEES
	GENERAL SAFETY COMMITTEE MEETINGS	MONTHLY	MEMBERS FROM EACH "LAB" AND ADMIN. AREA. OPEN TO ALL EMPLOYEES

DAILY TANK INSPECTION LOG

Tanks that are used to treat or store hazardous wastes must be inspected daily for: overfilling controls, monitoring equipment, leaks from fixtures and seams or corrosion/erosion of the tank materials, and the surrounding area to detect obvious signs of leakage.

Inspection Date: _____ Time: _____

Inspector Name: _____

	Yes	No
High level waste feed cut-off working?	_____	_____
Tank exterior free of signs of corrosion/leakage?	_____	_____
Inlet piping/valves/connections free of signs of corrosion/leakage?	_____	_____
Outlet piping/valves/connections free of signs of corrosion/leakage?	_____	_____
Secondary containment free of cracks/leakage?	_____	_____
Secondary containment free of accumulated liquids?	_____	_____
_____	_____	_____
_____	_____	_____

Explain all "No" answers:

Date/Nature of Repairs:

_____ (initial)

Additional Comments:

Maintain record for three years.

rev 3/93

**Hazardous Waste Management Facility
Weekly Inspection Report**

IDEC Pharmaceuticals

Pursuant to 22 CCR § 66264.14 *et seq.* the facility shall be inspected weekly for the following items. If any discrepancies are noted, corrections shall be made immediately or as soon as possible.

_____ **Security**

- Fence is secured and in good repair
- Buildings are locked
- Sign posted stating : Dangerous Hazardous Waste Area - Unauthorized Personnel
Keep Out
- Emergency notification device is free of impedence and functioning

_____ **Unauthorized Discharges**

- Drums, containers and secondary containment devices show no sign of leakage, spillage, deterioration or erosion
- Spill clean up equipment is present and stocked ready for use

_____ **Training**

- Personnel training records are maintained (in Safety Office).

_____ **Equipment**

- Fire suppression devices and alarms are checked
- Emergency shower and eye are checked (at least monthly)
- Portable fire extinguishers are present and visually inspected for charge
- Bonding cords and grounding rods are present
- Equipment is free of impediments

• _____

• _____

_____ **Miscellaneous**

- Materials/wastes are properly labeled and dated
- Materials are segregated and stored according to hazard classification and reactivity.
 - Wastes are stored separately from chemicals
- Contingency Plan is on-site

• _____

• _____

Comments:

Insp/7/93

Signed/Date:

VISUAL INSPECTION

DATE: _____

During the heavy rain fall, I performed a visual inspection of the hazardous waste management facility, the Pilot Plant outdoor mechanical area and the IDEC Pharmaceuticals site drainage system. Since this is a new site there is no historical data available. However during my inspection I observed the following items:

I was satisfied that the drainage systems worked adequately and were discharging water into the designed basins. Debris, residue or any chemical discharged was not observed entering the system. I am satisfied that all drainage systems are working and that the Storm Water Discharge Program is being appropriately administered.

**Mark Thompson
Environmental Health and Safety Officer**



Tanox, Inc.

CORPORATE

10555 Stella Link

Houston, TX 77025-5631

(713) 578-4000 • (713) 578-5005 (Fax)

SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD

MAILING ADDRESS

10301 Stella Link

Houston, TX 77025-5445

(713) 578-4000 • (713) 578-5004 (Fax)

2006 JUL 28 A 8: 55

To Whom It May Concern:

Please note I have documented reasons below as required in report. Enclosed is the completed Annual Report, our SWPPP as a reference, and the site map. Additionally, we have made some corrections to the General Information.

- E3 We only discharge and sample from #2 discharge locations – other areas are not accessible. Please see Site Map.
- E4 Answer is NO because we only discharge and sample from one discharge location out of 3 due to accessibility.
- G. Monthly Wet Season Visual Observations: Nov 05, Dec 05, and Jan 06, April 06 we did not discharge contained storm water. We only discharge from temporarily stored sump as needed and it was not necessary these months.
- G1. Discharge in October 2005 and March of 2006 – ph taken, acceptable range and discharged. October release didn't meet the criteria for 1st storm testing and was not submitted to an independent lab. It didn't meet the criteria of during business hours, within 1 hour of flow, and dry for a period of 3 days before. (i.e. rained on Monday during business hours, however, also rained on Sunday)

Sample taken 02/28/06 – Attached results from Analytical Lab.

Sample taken 05/22/06 – Attached results from Analytical Lab

- H4. We had an evaluation in Sept of 2005 with the development of the SWPPP and circumstances have not changed. We have reviewed the major elements of SWPPP. We understand we have 8-16 months to do another evaluation. We had planned on another evaluation after 1 year in Aug. 2006.

If there are any questions, please call me at 858-864-6576 Nextel.

Thank you,

Judi Gaither
Facilities Coordinator
Tanox, Inc.



Haley & Aldrich, Inc.
 9040 Friars Rd.
 Suite 220
 San Diego, CA 92108-5860
 Tel: 619.280.9210
 Fax: 619.280.9415
 HaleyAldrich.com

**HALEY &
 ALDRICH**

28 September 2005
 File No. 31987

Tanox West, Inc.
 11011 Torreyana Rd.
 San Diego, CA 92121

Attention: Judi Gaither

Subject: Storm Water Pollution Prevention Plan (SWPPP)
 11011 Torreyana Road, San Diego, California

Dear Judi:

Haley & Aldrich, Inc. (Haley & Aldrich) is pleased to present this updated Storm Water Pollution Prevention Plan (SWPPP) for your San Diego facility located at 11011 Torreyana Road.

We appreciate the opportunity to be of service to Tanox West, Inc. If you have any questions regarding this document please feel free to contact me at 619-285-7134.

Sincerely yours,
HALEY & ALDRICH, INC.

Brooks W. Pauly, PE

Mike R. Lispi, REA, CPEA
 Vice President

Enclosures: Updated SWPPP

G:\Projects\ENVIRONMENTAL\31987 Tanox EHS\Plans and Programs\SWPPP\updated 9-28-05 SWPPP_FINAL.doc

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STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

by

**Haley & Aldrich, Inc.
San Diego, California**

for

**Tanox West, Inc.
11011 Torreyana Rd.
San Diego, California 92121**

**File No. 31987
28 September 2005**

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1	Site Map

1. INTRODUCTION

1.1 Facility Activities

Tanox West, Inc. located at 11011 Torreyana Road in San Diego, California engages in clinical manufacturing and process research and development for the production of monoclonal antibodies.

1.2 Regulatory Overview

The Federal Clean Water Act (CWA) authorizes the EPA to regulate discharges to surface waters of the United States (U.S.). These regulations cover discharges of storm water from industrial facilities to surface waters. As identified by Standard Industrial Classification (SIC) Code, certain industries are required to have a permit for managing industrial storm water runoff. Storm water runoff includes rain runoff, snowmelt runoff, and surface water runoff and drainage. This permit provides for identification and regulation of industries that use materials, or generate waste on site, which could be released to the environment via the storm drain system.

In 1992 the State of California issued a statewide general permit, regulating storm water discharges for those sites with significant industrial activity. This permit is issued by the California State Water Resources Control Board and regulates industrial sites, which have the potential for the generation of contaminated run-off during a rainstorm. Contaminated run-off is produced when rainwater flows over chemical substances stored outside of enclosures or otherwise encounters contaminated surfaces.

It is the responsibility of each industrial site to determine whether or not their storm water discharges are covered under the General Permit. Sites without the potential for creating contaminated run-off have no obligations under the General Permit. Sites that do have the potential for creating contaminated run-off must implement management practices that eliminate or minimize the chance that they are contributing to the contamination of the environment. The general permit falls within the hierarchy of permits issued under the jurisdiction of the National Pollutant Discharge Elimination System (NPDES).

Inherent in implementation of a site-specific plan is the identification of industrial or commercial wastewater discharges (termed non-storm discharges) that flow directly into municipal storm water conveyance systems or surface waters of the U.S. Non-storm water discharges covered under the permit are not allowed, and must be permitted separately (under a site-specific license) or eliminated. Non-storm water discharges that do not fall within the scope of the General Permit are allowed since they are not expected to significantly impact the environment.

Based on the SIC Code of 2834, Tanox West is regulated under the General Permit. The NPDES General Permit applies because there is a potential for hazardous materials to come into contact with storm water at the site.

1.3 Purpose

This Storm Water Pollution Prevention Plan (SWPPP) has been prepared to address the requirements for storm water pollution prevention plans set forth in the NPDES General Permit No. CAS000001. This SWPPP describes Tanox West's storm water management

program and indicates procedures implemented to eliminate or reduce pollution of storm water runoff at the Torreyana facility.

1.4 Objectives

The SWPPP has two major objectives:

1. To identify and evaluate sources of pollutants associated with industrial activities that may affect the quality of storm water discharges and authorized non-storm water discharges from the facility.
2. To identify and implement site-specific best management practices (BMPs) to reduce or prevent pollutants associated with industrial activities in storm water discharges and authorized non-storm water discharges.

1.5 General Requirements

The SWPPP shall be retained on site and made available upon request of a representative of the Regional Water Board and/or local storm water management agency (local agency) which receives the storm water discharges.

The SWPPP shall be revised, as appropriate, and implemented prior to changes in industrial activities which (i) may significantly increase the quantities of pollutants in storm water discharge, (ii) cause a new area of industrial activity at the facility to be exposed to storm water, or (iii) begin an industrial activity which would introduce a new pollutant source at the facility.

1.6 SWPPP Contents

- Pollution Prevention Team
- Review of Related Compliance Programs
- Site map
- List of significant materials
- Description of potential pollutant sources
- Assessment of potential pollutant sources
- Best Management Practices
- Monitoring program description (including Annual comprehensive site compliance evaluation)

The intent of the SWPPP is to prevent the discharge of chemical contaminants into the municipal storm water system. The discharge of contaminants can occur under two types of conditions, normal and emergency.

Under normal conditions, discharges are avoided when one identifies and eliminates the processes and operations that would release contaminants to the storm water sewer system. The primary tool for achieving the elimination of these discharges is the education of employees regarding the processes and/or operations that have been prohibited and/or the areas to monitor. Under emergency conditions, discharges are avoided when you employ the correct spill response procedures. The primary tool for achieving the elimination of these discharges is the education of employees regarding proper spill response.

2. POLLUTION PREVENTION TEAM

In compliance with the conditions of the "General Permit for Storm Water Discharge Associated with Industrial Activity," Tanox West has implemented a pollution prevention team. The team includes members of the Facilities Department, R&D Sections, and the Environmental Health and Safety Department. The team meets monthly to address environmental and safety related issues at the facility.

The duties and responsibilities of the key departments represented are described below.

2.1 Facilities Personnel

Members of the Facilities Department are responsible for correctly following the Best Management Practices (BMPs) identified for their group. The BMPs identified for the Facilities Department include:

- carrying out routine visual inspections for integrity of the containers, drums, and other areas used to store maintenance chemicals and promptly removing any leaking containers if observed;
- periodically verifying that spill response materials are available in their areas;
- monitoring their own operations to ensure that wastewater generated during industrial operations is routed to the sanitary sewer rather than the storm drains;
- routinely maintaining outdoor areas where potential pollutants are used or stored to minimize the likelihood that these agents will contaminate storm water run-off; and
- following all waste disposal guidelines.

2.2 R&D and Manufacturing Personnel

Members of the R&D and Manufacturing sections are responsible for correctly following the Best Management Practices (BMPs) identified for their group. The BMPs identified for the R&D personnel include:

- carrying out routine visual inspections for integrity of the containers, drums, etc. used to store raw materials and promptly removing leaking containers if observed;
- periodically verifying that spill response materials are available in their work areas;
- monitoring their own operations to ensure that outdoor areas, where potential pollutants are used or stored, are managed to minimize the likelihood that these agents will contaminate storm water run-off; and
- following all waste disposal guidelines.

2.3 Environmental Health and Safety Personnel

Members of the EH&S Department are responsible for coordinating the SWPPP for Tanox West by:

- conducting observations of storm water discharge and carrying out effluent sampling;
- maintaining an inventory of potential sources of pollutants;
- arranging training for company staff as needed (see Appendix B); maintaining all documentation related to the SWPPP;
- assisting with spill response actions; conducting weekly inspections of the hazardous waste area and periodic site inspections;
- creating (and following) waste disposal guidelines addressing the management of liquid waste (both hazardous and otherwise); and

- completing and filing the annual storm water report with the lead regulatory agency.

Pollution Prevention Current Team Members:

Name	Department/Section
Jake Jacanin MURISSA Atayata	Facilities Manager, EH&S Site Contact
Judi Gaither	Facility Services Coordinator, EH&S Contacts
Mike Metcalf	EH&S Coordinator (Houston)
Bob Fisher	Senior Maintenance Coordinator

3. RELATED COMPLIANCE PROGRAMS

Tanox West has several related compliance programs that overlap the goals and requirements of the SWPPP. The following programs and written plans can be referenced for additional details of program components:

- Emergency Response Plan
- Injury and Illness Prevention Plan
- Medical Waste Management Plan
- Toxic Organic Management Plan
- Air quality permits
- Spill Prevention Countermeasures and Control (SPCC) Plan

The above listed plans are maintained by the Environmental, Health, and Safety Department and are available for review upon request.

4. SITE MAP

A copy of the site map is maintained by the Environmental, Health, and Safety Department. The following information is included on the site map (see attached):

- Facility boundaries
- Outline of all storm water drainage areas in the facility boundaries
- Direction of flow of each drainage area
- Nearby water bodies
- Municipal storm drain inlets where the facility's storm water discharges and authorized non storm water discharges may be received
- Location of the storm water collection and conveyance system, associated points of discharge, and direction of flow (including structural control measures such as catch basins)
- Outline of all impervious areas of the facility, including paved areas, buildings, covered storage areas, or other roofed structures
- Locations where materials are directly exposed to precipitation
- Areas of industrial activity including storage areas, shipping and receiving areas, equipment storage/maintenance areas, material handling and processing areas, and other areas of potential pollutant sources.

5. LIST OF SIGNIFICANT MATERIALS

5.1 Chemical Inventory

A chemical inventory has been developed to identify potential pollutants that might be found in storm and non-storm discharges (Table I). The goal of the SWPPP is to minimize the potential for pollution being introduced into the environment. The identification of potential pollutants is also required under the sampling provisions of the Permit.

6. DESCRIPTION AND ASSESSMENT OF POTENTIAL POLLUTANT SOURCES

6.1 Industrial Processes

Tanox is engaged in the research and development of therapeutic monoclonal antibodies designed to address significant unmet medical needs in the areas of asthma, allergy, inflammation and other diseases affecting the human immune system. In the late 1980s, Tanox scientists discovered a novel approach for the treatment of allergic disease by reducing the levels of immunoglobulin E (IgE) in the blood. IgE is one of a class of antibodies that is responsible for causing allergic reactions. In June 2003, an anti-IgE therapy, Xolair® (Omalizumab) for Subcutaneous Use, received approval from the U.S. Food and Drug Administration for the treatment of adults and adolescents (12 years of age and above) with moderate-to-severe persistent asthma who have a positive skin test or in vitro reactivity to a perennial aeroallergen and whose symptoms are inadequately controlled with inhaled corticosteroids.

A number of environmental controls are employed during research and development activities. The primary controls exercised pertain to waste water control, air emissions, hazardous waste management, and solid waste management.

6.2 Material Handling and Storage Areas

All hazardous materials and hazardous wastes are stored within the confines of the buildings. The buildings are modular in nature, and have been designed with hazardous materials and hazardous wastes in mind.

The inventory of hazardous materials primarily includes flammables and corrosives. A small amount of other types of chemicals may also be present. Flammable liquid and corrosive cabinets are used within the building to provide primary containment.

Hazardous materials stored in the southeast corner of the building present some potential for contamination of storm water run-off. Contamination would only be present following a catastrophic event such as a fire. Under normal conditions, the potential for contamination is extremely limited.

In addition to the hazardous materials located at the southeast corner of the building, an emergency diesel generator equipped with an integral "belly" tank is also present onsite. The tank is approximately 2,000 gallons in capacity and is equipped with secondary containment. The generator is hard wired to support the building during power outages. The potential for contamination of storm water from the generator fuel tank is low.

Hazardous wastes are stored in covered bins or roll-up buildings in the southeast corner of the property and present some potential for contamination of storm water run-off. Contamination would only be present following a catastrophic event such as a fire. Under normal conditions, the potential for contamination is extremely limited.

A review has been made of each operation or piece of equipment that constitutes a potential source of pollutants during storm and non-storm discharges.

The following operations or materials constitute a potential source of pollution:

- Process substances (buffers)

- Contained hazardous materials and waste in-storage
- The manufacturing waste management system (neutralization system)
- Manufacturing waste water treatment chemicals (in-use and in-storage)
- Cooling tower, boiler, and chiller chemicals (in-use and in-storage)
- Emergency generator fuel
- Trash receptacles
- Oil, grease, fuel from delivery equipment
- Cleaning and mop bucket materials

6.3 Prohibited Discharges

Water generated in the operations listed below should not be released into storm water conveyance systems or directly into the environment. Instead, they should be discharged via the sewer system:

- Hydrostatic Pressure testing of vessels
- Boiler blow-down
- Equipment washing
- Cooling tower backwash, and filter cleaning
- Non-contact cooling water
- Evaporative cooling water
- Unwanted/spent process buffers (even when they are primarily aqueous)

In most cases, rainwater collected in berms or other types of secondary containment can be discharged into storm water conveyance lines or directly into the environment provided that periodic sampling and observation demonstrate that the water is not contaminated.

6.4 Dust and Particulate Generating Activities

There are no current activities that would generate dust or particulates.

6.5 Significant Spills and Leaks

There have been no significant spills or leaks of a reportable quantity.

6.6 Authorized Non-Storm Water Discharges

Under Special Conditions of the General Permit, Non-Storm Water discharges are permitted provided they satisfy the following conditions:

- Conditions established with the Regional Water Board
- Requirements established by local agencies
- BMPs are specifically included in the SWPPP to prevent or minimize impact
- Non-storm water discharges do not contain pollutants
- Non-storm water discharge locations must be included in the quarterly visual monitoring program
- Non-storm water discharge must be included and reported on the annual report

The following types of discharge are authorized as Non-Storm Water Discharge:

- Irrigation drainage
- Fire suppression sprinkler testing and release

- Potable water sources, including potable water related to the operation, maintenance, or testing of potable water systems
- Drinking fountain water
- Atmospheric condensates including refrigeration, air conditioning, and compressor condensate
- Landscape watering
- Springs
- Ground water
- Foundation or footing drainage
- Sea water infiltration where the sea waters are discharged back into the sea water source

Irrigation drainage comes from the landscape area around the perimeter of the property. Irrigation drainage will be daily. Landscape has been designed to minimize run-off and prevent erosion.

Fire suppression sprinkler testing and release drainage occurs on a quarterly basis for equipment maintenance testing. Drainage has been designed to minimize run-off on paved areas. Drainage is monitored to ensure pollution prevention.

See Best Management Practices (BMP) section for a list of BMPs to prevent impact to the storm water system.

6.7 Soil Erosion

Landscaping has been designed to minimize run-off and soil erosion at the site.

7. BEST MANAGEMENT PRACTICES

As part of Tanox West's materials management program a number of Best Management Practices (BMPs) are used to reduce the potential for contamination of storm water discharges.

7.1 Non-Structural BMPs

Non-structural BMPs consist of processes, prohibitions, procedures, and schedules of activities that prevent pollutants associated with industrial activity from contacting with storm water with discharges.

Good Housekeeping

- Practical procedures to maintain a clean and orderly facility
- Routine inspection for leaks or conditions that could lead to discharges.
- Improving operation and maintenance of machinery and processes
- Implementation of careful storage practices
- Maintain an up to date chemical inventory
- Container labeling
- Scheduled routine clean up operations
- Train employees on good housekeeping techniques
- Use of signs identifying chemical storage areas
- Removing trash from overflowing receptacles

Preventative Maintenance

- Regular inspection of storm water management devices
- Regular maintenance of structural storm water controls
- Regular maintenance of facility equipment and systems

Spill Response

- Establishment and implementation of appropriate spill clean up procedures
- Identification of potential spill sites and the drainage points
- Provisions and maintenance for the staging of spill-response supplies
- Spill clean up kits available in each manufacturing supply area, maintenance area, and hazardous material storage area
- Good preventative maintenance (housekeeping)
- Timely management of leaking containers
- Effective management of pollution prevention equipment once a spill has occurred, including the use of shut-off valves and other control devices
- Effective use of personal protective equipment (PPE)

Material Handling and Storage

- Established procedures to identify potential for spills and leaks and to minimize exposure of materials to storm water discharge
- Substitute non-hazardous substances where possible

Employee Training

- Development of an employee training program regarding the contents of the SWPPP (including good housekeeping, material handling procedures, actions necessary to implement BMPs)
- Development of an employee training program on spill prevention and spill response

Waste Handling/Recycling

- Development of guidelines and other written information regarding disposal practices for unwanted hazardous materials and wastes

Record keeping and Internal Reporting

- Procedures established to retain records for visual observations, records of inspection, maintenance activities, etc.

Erosion Control and Site Stabilization

- Utilize natural settings (grasses, shrubs, and the like) where existing and utilize landscape for areas surrounding the parking garage
- Established procedure to monitor facility grounds for potential future erosion and continue to prevent runoff activities

Inspections

- Development of an effective inspection program
- Inspections of each storm drain discharge area conducted on a monthly basis
- Monitor equipment, machinery, storage tanks, trash on a regular basis

Quality Assurance

- Review of storm water pollution program on an annual basis to ensure all elements of the written plan and monitoring program are adequately conducted

7.2 Structural BMPs

Structural BMPs consist of structural devices that reduce or prevent pollutants in storm water discharges

- All flammable liquid and corrosive materials are stored within flammable and corrosive cabinets
- Flammable liquid and corrosive cabinets are used within the building to provide primary containment

- Use of concrete berms surrounding the buildings to provide tertiary containment for hazardous materials
- Portable secondary containment for hazardous materials
- The building is equipped with sumps in the loading area that provide secondary containment of 1000 gallons
- Several drain lines service the area enclosed by the berm. These drain lines are equipped with removable polypropylene plugs to prevent runoff from entering the outfall lines
- Emergency shutoff valve at storm water discharge location to prevent release of spill material to environment from the sumps
- Concrete berm surrounding emergency generator provides 100 percent secondary containment and freeboard for a 100-year 24-hour storm
- Grounding connectors to dissipate static electricity
- Seismic restraints
- A fire rated venting system
- An automatic dry chemical fire suppression system with 3000 cubic feet of dump capacity dry chemical
- A secondary fire suppression system consisting of a deluge water sprinkler system pre-plumbed to the exterior of the building
- An alarm system consisting of an exterior audible alarm, with a link to the centralized security system

8. MONITORING PROGRAM

The objectives of the monitoring program are to:

1. Ensure that storm water discharges are in compliance with the discharge prohibitions, effluent limitations, and receiving water limitations specified in the General Permit
2. Ensure practices at the facility to reduce or prevent pollutants in storm water discharges and authorized non-storm water discharges are evaluated and revised to meet changing conditions
3. Aid in the implementation and revision of the SWPPP
4. Measure the effectiveness of BMPs

A monitoring program has been implemented in accordance with the conditions of the General Permit. This program combines an annual review, direct monitoring and periodic observations as described in the following paragraphs.

8.1 Annual Compliance Evaluation and Report

The facility operator will conduct one comprehensive site compliance evaluation in each reporting period (July 1 – June 30). The SWPPP shall be revised, as appropriate, and the revisions implemented within 90 days of the evaluation. Evaluations will include the following:

- Review of all visual observation records, inspection records, and sampling and analysis results
- Visual inspection of all potential pollutant sources for evidence of or the potential for, pollutants entering the drainage system
- Review and evaluate all BMPs to determine if they are adequate, properly implemented, or whether additional BMPs are needed. A visual inspection of equipment needed to implement the SWPPP such as spill response equipment will be included
- Evaluation report to be submitted as part of the annual report on July 1st of each year and retained for at least 5 years that includes:
 - Identification of personnel performing the evaluation
 - Date of the evaluation
 - SWPPP revisions
 - Schedule for implementing the revisions
 - Any incidents of non compliance and the corrective actions
 - Certification that the facility is in compliance with the General Permit
 - Must be signed and certified in accordance with Section C, Numbers 9 and 10 of the General Permit

All reports, certifications, or other information required by the General Permit or requested by the Regional Water Board, State Water Board, U.S. EPA, or local storm water management agency shall be signed by a person described above or by a duly authorized representative. A person is a duly authorized representative only if:

1. The authorization is made in writing by a person described above and retained as part of the SWPPP.
2. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of manager, operator, superintendent, or position of equivalent responsibility or an individual or position having overall responsibility for named position.
3. If an authorization is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization must be attached to the SWPPP prior to submittal of any reports, certifications, or information signed by the authorized representative.

Any person signing documents under provision 9 of the General Permit shall make the following certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

If the revisions to the plan are instigated by the Regional Water Control Board or a local agency then, within 14 days of the implemented revisions, the facility operator shall provide written certification to the Regional Board or local agency that the revisions have been implemented.

8.2 Sampling Requirements

Discharge Locations:

- Tanox West has three discharge points.
- Outfall number one (designated as Outfall No. 1 on the site map) is located in the northwest corner of the property and receives storm water runoff from the lower level of the parking structure as well as some landscaping.
- The second discharge location is located in the southeast corner of the property, and receives storm water runoff from the loading and unloading area, the wastewater treatment area, the treatment chemical area, and the hazardous waste storage area. This is identified on the site map as Outfall No. 2.
- The third discharge point is located in the northeast corner of the property, and receives storm water runoff from the upper level of the parking structure and the front driveway. It is designated as Outfall No. 3 on the site map.

Sampling Locations:

- Outfall No. 2
- Based on the lack of industrial activities for discharge points 1, and 3, Tanox West only collects storm water samples from Outfall No. 2. Outfalls No. 1 and No. 3 receive drainage from the parking lot area only.

Visual Observations:

- Outfalls 1, 2 and 3

Observation Frequency, Sampling Method and Frequency:

- Tanox West will collect storm water samples during the first hour of discharge from the first storm event of the wet season, and at least one other storm event in the wet season.
- If Tanox West does not collect samples from the first storm event of the wet season, Tanox West will still collect samples from two other storm events of the wet season and shall explain in the Annual Report why the first storm event was not sampled.
- Sample collection is only required of storm water discharges that occur during scheduled facility operating hours and that are preceded by at least (3) three working days without storm water discharge.

Sample Analysis:

The samples shall be analyzed for:

- Total suspended solids (TSS)
- pH
- Specific conductance
- total organic carbon (TOC) (or Oil and grease (O&G))

Analytical Methods:

pH	EPA 150.1
TSS	EPA 160.2
SC	EPA 120.1
O&G	EPA 1664
TOC	EPA 415.2

Additional analytical parameters are not required for SIC code 2834. As listed in Table D of the General Permit, Sector C Chemical and Allied Product Manufacturing, there are no additional sampling requirements.

8.3 Monitoring and Reporting Requirements

8.3.1 Wet Season (Oct 1 - May 31).

8.3.1.1 Observations

Storm Water Discharge

- Visually observe storm water discharges from one storm event per month during the wet season (October 1-May 31).
- These visual observations shall occur during the first hour of discharge and at all discharge locations.

- Visual observations shall document the presence of any floating and suspended material, oil and grease, discoloration, turbidity, odor, and source of any pollutants.
- Records shall be maintained of observation dates, locations observed, observations, and response taken to reduce or prevent pollutants in storm water discharges.

Non-Storm Water Discharge

- Visually observe all drainage areas for the presence of authorized and unauthorized non-storm water discharges and their sources.
- Visual observations shall document the presence of any discoloration, stains, odors, floating materials, etc., as well as the source of the discharge.
- Records shall be maintained of the visual observation dates, locations observed, observations, and response taken to eliminate unauthorized non-storm water discharges and to reduce or prevent pollutants from contacting non-storm water discharges.
- The visual observations required above are done quarterly for the presence of unauthorized non-storm water discharges and authorized non-storm water discharges.
- Quarterly observations shall be conducted in each of the following periods: January-March, April-June, July-September, and October-December. Observations shall be conducted within 6 - 18 weeks of each other.

8.3.1.2 Sampling

Storm Water Discharge

- Sampling storm events that produce discharge is required during the wet season (October 1 through May 31) from the first storm event of the wet season and at least one other storm event in the wet season.
- Sampling should be done in the first hour of the storm¹.
- Analyze for total suspended solids (TSS), total organic carbon (TOC) (or oil and grease (O&G)), pH, and conductivity.
- Storm water discharges from outfall #1 discharges to the Municipal Storm Drain and there is no accessible sampling port.
- Outfalls No. 2, and No. 3 are considered substantially identical so it is not required that three samples be collected during each storm event. (See correspondence to State Water Resources Control Board in attachment section of the annual report 1997-1998 subsection E5)
- Periodic re-sampling of Outfall No. 3 will be conducted to confirm it is not a unique representation of discharge from the site.
- A sample shall be obtained from Outfall No. 2, located behind the mechanical plant.

¹ Only if the first hour of the storm occurs during facility operating hours and if no storm water discharge has been generated in the previous 3 working days

Non-Storm Water Discharge

- Sample and analyze as needed to evaluate whether the discharge is allowed, needs to be permitted, or should be eliminated.
- Sampling is usually carried out as part of the initial implementation of the SWPPP. Sampling is not required as an ongoing process.

All sampling and sample preservation shall be in accordance with the current edition of "Standard Methods for the Examination of Water and Wastewater" (American Public Health Association). All monitoring instruments and equipment (including a facility operator's own field instruments for measuring pH and Electro Conductivity) shall be calibrated and maintained in accordance with manufacturers' specifications to ensure accurate measurements. All laboratory analyses must be conducted according to procedures of 40 CFR Part 136, unless other procedures have been specified in this General Permit or by the Regional Water Board. All metals shall be reported as total metals. With the exception of analysis conducted by facility operators, all laboratory analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health Services. Facility operators may conduct their own sample analyses if the facility operator has sufficient capability (qualified employees, laboratory equipment, etc.) to adequately perform the procedures.

Note: Table II of 40 CFR 136.3 stipulates that pH analysis must be conducted within 15 minutes of sample collection.

8.3.2 Dry Season (June 1 - September 30).

8.3.2.1 Observations

Storm Water Discharge

- Only one observation is required per quarter during the dry season.
- Quarterly observations shall be conducted in each of the following periods: January-March, April-June, July-September, and October-December. Observations shall be conducted within 6 - 18 weeks of each other.

Non-Storm Water Discharge

- Visually observe all drainage areas for the presence of authorized and unauthorized non-storm water discharges and their sources, quarterly.
- Visual observations shall document the presence of any discoloration, stains, odors, floating materials, etc., as well as the source of the discharge.
- Records shall be maintained of the visual observation dates, locations observed, observations, and response taken to eliminate unauthorized non-storm water discharges and to reduce or prevent pollutants from contacting non-storm water discharges.
- The visual observations required above are done quarterly for the presence of unauthorized non-storm water discharges and authorized non-storm water discharges.

- Quarterly observations shall be conducted in each of the following periods: January-March, April-June, July-September, and October-December. Observations shall be conducted within 6 - 18 weeks of each other.

8.3.2.2 Sampling

Storm Water Discharge

- There are no requirements for dry season sampling.
- Tanox samples storm water generated during the dry season and collected in the Outfall 2 catch basin for pH. If the pH is between 6 and 9 the water is released to the canyon. If the pH is less than 6 or greater than 9 the water is pumped to the waste water treatment (WWT) system for treatment.

Non-Storm Water Discharge

- There are no requirements for dry season sampling though discharge may be sampled and analyzed as needed to evaluate whether the discharge is allowed, needs to be permitted, or should be eliminated.

All sampling and sample preservation shall be in accordance with the current edition of "Standard Methods for the Examination of Water and Wastewater" (American Public Health Association). All monitoring instruments and equipment (including a facility operator's own field instruments for measuring pH and Electro Conductivity) shall be calibrated and maintained in accordance with manufacturers' specifications to ensure accurate measurements. All laboratory analyses must be conducted according to procedures under 40 CFR Part 136, unless other procedures have been specified in this General Permit or by the Regional Water Board. All metals shall be reported as total metals. With the exception of analysis conducted by facility operators, all laboratory analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health Services. Facility operators may conduct their own sample analyses if the facility operator has sufficient capability (qualified employees, laboratory equipment, etc.) to adequately perform the procedures.

Note: Table II of 40 CFR 136.3 stipulates that pH analysis must be conducted within 15 minutes of sample collection.

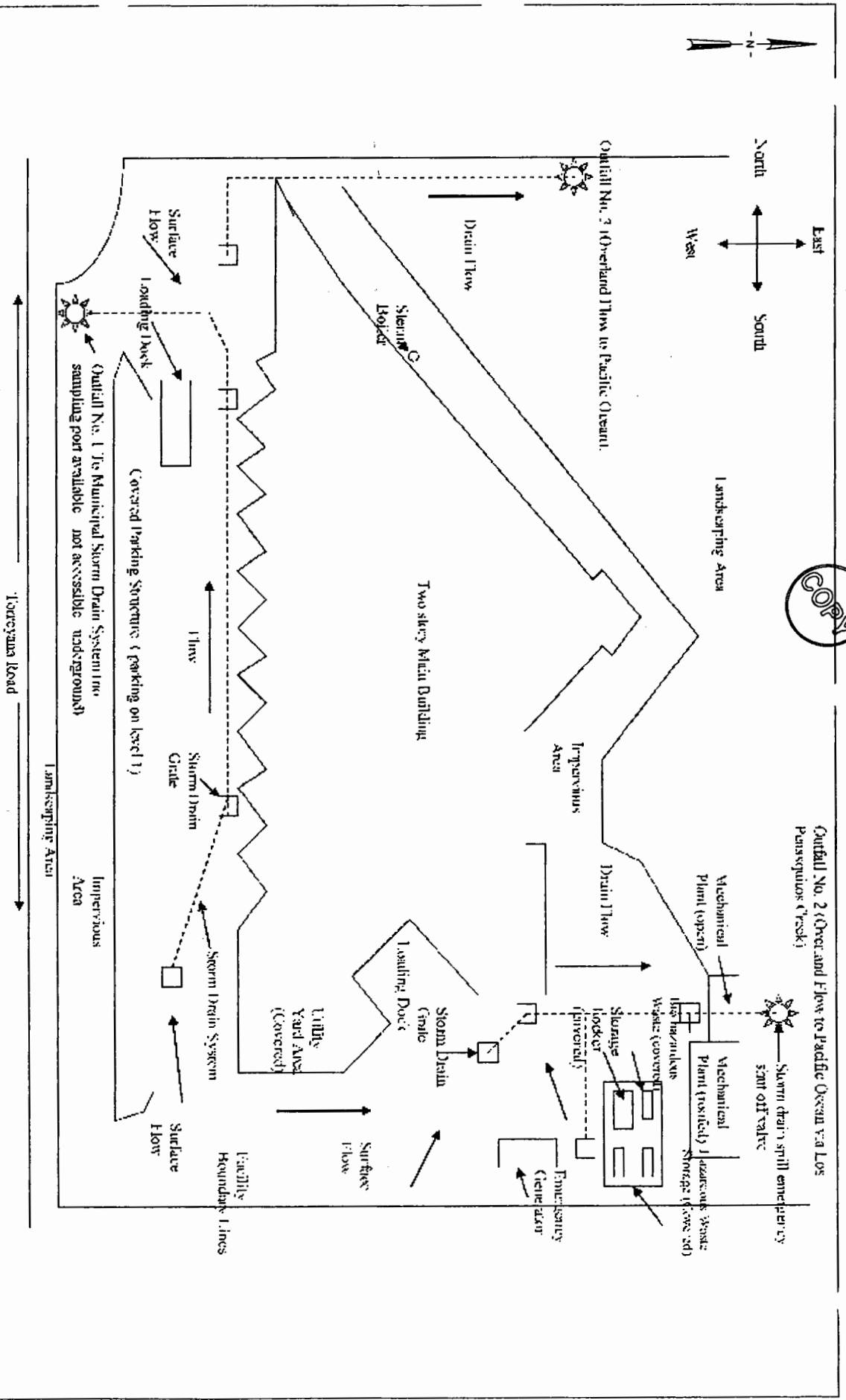
8.4 Recordkeeping

Records of all storm water monitoring information and copies of all reports (including the Annual Reports) required by the General Permit shall be retained for a period of at least five years. These records shall include:

- a. The date, place, and time of site inspections, sampling, visual observations, and/or measurements;
- b. The individual(s) who performed the site inspections, sampling, visual observations, and/or measurements;
- c. Flow measurements or estimates (if required by Section B.6 of the General Permit);
- d. The date and approximate time of analyses;

- e. The individual(s) who performed the analyses;
- f. Analytical results, method detection limits, and the analytical techniques or methods used;
- g. Quality assurance/quality control records and results;
- h. Non-storm water discharge inspections and visual observations and storm water discharge visual observation records (see Sections B.3 and 4 of the General Permit);
- i. Visual observation and sample collection exception records (see Section B.5.a, 7.d, 8, and 12.b.ii of the General Permit);
- j. All calibration and maintenance records of on-site instruments used;
- k. All Sampling and Analysis Exemption and Reduction certifications and supporting documentation (see Section B.12 of the General Permit); and
- l. The records of any corrective actions and follow-up activities that resulted from the visual observations.

COPY



(002)31987

<p>HALEY & ALDRICH</p> <p>UNDERGROUND NON-ENGINEERING ENVIRONMENTAL SOLUTIONS</p>	<p>TANOX WEST, INC 11011 TORREYANA ROAD SAN DIEGO, CA 92121</p>
<p>FIGURE 1 - SITE MAP</p>	
<p>SCALE: AS SHOWN</p>	

JUNE 2005



Tanox, Inc.

11011 Torreyana Road
San Diego, CA 92121-1104
(858) 373-3600 • (858) 373-3601 (fax)

10301 Stella Link
Houston, Texas 77025-5445
(713) 578-4000 • (703) 578-5004 (fax)

AR Logged on 7/8/05 by NP
Review by _____ on _____
Priority / Inspect: 1 2 3 call file
Updated Information: Y N NA

JP 7-8-05
AAF

1 July 2005
File No. 31987-400

California Regional Water Quality Control Board - San Diego Region
9174 Sky Park Court, Suite 100
San Diego, California 92123-4340

2005 JUL - 8 A 1:06
SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD

Attention: Storm Water Compliance Unit
Subject: Annual Storm Water Report 2004-2005

Ladies and Gentlemen:

This letter serves as our first annual storm water report for the period of 30 June 2004 through 1 July 2005. Tanox West, Inc. (Tanox) took possession of its facility at 11011 Torreyana Road in San Diego on 10 January 2005. Full operations at the facility began in mid-April.

Tanox has prepared a storm water pollution prevention plan (SWPPP), which is located onsite. The SWPPP was finalized after a site evaluation. The results of the evaluation are as follows:

1. Identification of personnel performing the evaluation: Brooks W. Pauly (Haley & Aldrich, Inc.)
2. Date of the evaluation: 5 May 2005
3. SWPPP revisions: the chemical inventory was updated to reflect current conditions
4. Schedule for implementing the revisions: completed 20 June 2005
5. Any incidents of non compliance and the corrective actions: None
6. Certification that the facility is in compliance with the General Permit: see below
7. Must be signed and certified in accordance with Section C, Numbers 9 and 10 of the General Permit: see below

The facility is in compliance with the conditions of the General Permit as specified in the SWPPP.

File: 10-019266-02 my

Storm Water Discharge Observations

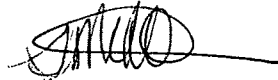
Storm water discharge from the catch basin sump was observed and released to the storm drain system (Outfall #2) on 11 January, 22 January, 15 February and 29 March. The water was clear with some sediment and leaves observed in it. No observations were made during April, May and June due to lack of rainfall.

Non-Storm Water Discharge Observations

The operations of the facility were documented on 23 March 2005 and 24 June 2005. No non-storm water discharges were observed.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely yours,
TANOX WEST, INC.



Saya Mehta Godwin
EH&S Site Contact

c: Haley & Aldrich, Inc: Brooks W. Pauly

019266

NOTICE OF INTENT

TO COMPLY WITH THE TERMS OF THE
GENERAL PERMIT TO DISCHARGE STORM WATER
ASSOCIATED WITH INDUSTRIAL ACTIVITY (WQ ORDER No. 97-03-DWQ)
(Excluding Construction Activities)

SECTION I. NOI STATUS (please check only one box)

A. <input checked="" type="checkbox"/> New Permittee	B. <input type="checkbox"/> Change of Information	WDID #
--	---	--------

SECTION II. FACILITY OPERATOR INFORMATION (See instructions)

A. NAME: TIANOXI WEISIT INC.		Phone: 713-578-4040
Mailing Address: 1105551 Stephanie Link		
City: HOUSTON	State: TX	Zip Code: 771025-151311
Contact Person: Sam McKinney		
B. OPERATOR TYPE: (check one) 1. <input checked="" type="checkbox"/> Private 2. <input type="checkbox"/> City 3. <input type="checkbox"/> County 4. <input type="checkbox"/> State 5. <input type="checkbox"/> Federal 6. <input type="checkbox"/> Special District 7. <input type="checkbox"/> Gov. Combo		

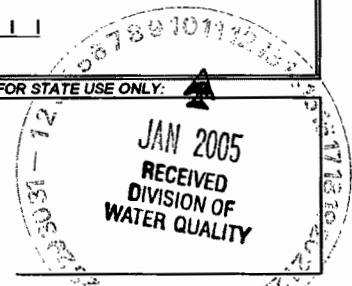
SECTION III. FACILITY SITE INFORMATION

A. FACILITY NAME TIANOXI WEISIT INC.		Phone: 713-578-4040
Facility Location: 1105551 Stephanie Link Rd		County: Harris
City: San Diego	State: CA	Zip Code: 92121-1111
B. MAILING ADDRESS: 1105551 Stephanie Link		
City: Houston	State: TX	Zip Code: 771025-151311
Contact Person: Sam McKinney		
C. FACILITY INFORMATION (check one) Total Size of Site: 70,000		Percent of Site Impervious (including rooftops) 90.1%
D. SIC CODE(S) OF REGULATED ACTIVITY: 1. 2834 2. 3. E. REGULATED ACTIVITY (describe each SIC code): pharmaceutical R+D		

FOR STATE USE ONLY:



WDID: 9 371019266
Fee Paid: \$ 830
Processing Date 1/12/05



SECTION IV. ADDRESS FOR CORRESPONDENCE

Facility Operator Mailing Address (Section II) Facility Mailing Address (Section III, B.) Both

SECTION V. BILLING ADDRESS INFORMATION

SEND BILL TO: Facility Operator Mailing Address (Section II) Facility Mailing Address (Section III, B.) Other (enter information below)

Name: TRIAXIOM WESIT Phone: _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Contact Person: _____

SECTION VI. RECEIVING WATER INFORMATION

Your facility's storm water discharges flow: (check one) Directly OR Indirectly to waters of the United States.

Name of receiving water: Pacific Ocean _____
(river, lake, stream, ocean, etc.)

SECTION VII. IMPLEMENTATION OF PERMIT REQUIREMENTS

A. STORM WATER POLLUTION PREVENTION PLAN (SWPPP) (check one)
 A SWPPP has been prepared for this facility and is available for review.
 A SWPPP will be prepared and ready for review by (enter date): ____/____/____.

B. MONITORING PROGRAM (check one)
 A Monitoring Program has been prepared for this facility and is available for review.
 A Monitoring Program will be prepared and ready for review by (enter date): ____/____/____.

C. PERMIT COMPLIANCE RESPONSIBILITY
 Has a person been assigned responsibility for:

1. Inspecting the facility throughout the year to identify any potential pollution problems?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
2. Collecting storm water samples and having them analyzed?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
3. Preparing and submitting an annual report by July 1 of each year?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
4. Eliminating discharges other than storm water (such as equipment or vehicle wash-water) into the storm drain?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

For State Use only. _____

SECTION VIII. SITE MAP

I HAVE ENCLOSED A SITE MAP YES A new NOI submitted without a site map will be rejected.

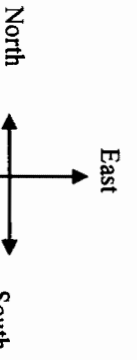
SECTION IX. CERTIFICATION

"I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. In addition, I certify that the provisions of the permit, including the development and implementation of a Storm Water Pollution Prevention Plan and a Monitoring Program Plan, will be complied with."

Printed Name: Sam McKinney

Signature: _____ Date: 1/07/05

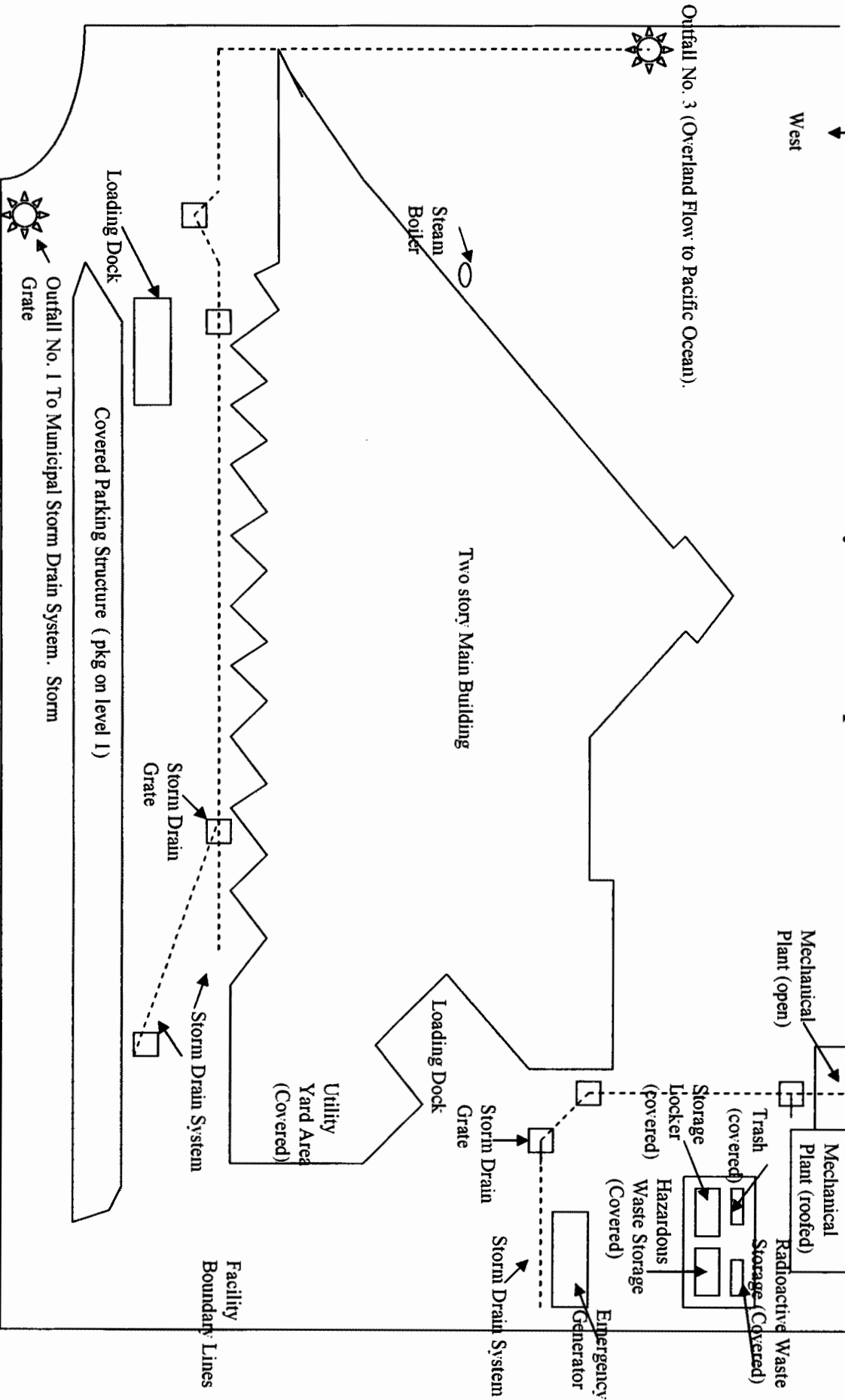
Title: Director of Facilities



Torreyana Site Map Stormwater

Outfall No. 2 (Overland Flow to Pacific Ocean via Los Penasquitos Creek)

Storm drain spill emergency shut off valve



Torreyana Road

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
2005-2006 ANNUAL REPORT
FOR STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

SAN DIEGO REGIONAL
 WATER QUALITY
 CONTROL BOARD

JUL 28 A 8:55

AR Logged on 7/28/06 by LSS
 Review by / on 8/22/06
 Priority / Inspect: 1 2 3 call file
 Updated Information: Y N NA

Reporting Period July 1, 2005 through June 30, 2006

An Annual Report is required to be submitted to your local Regional Water Quality Control Board (Regional Board) by July 1 of each year. This document must be certified and signed, under penalty of perjury, by the appropriate official of your company. Many of the Annual Report questions require an explanation. Please provide explanations on a separate sheet as an attachment. **Retain a copy of the completed Annual Report for your records.**

Please circle or highlight any information contained in Items A, B, and C below that is new or revised so we can update our records. Please remember that a Notice of Termination and new Notice of Intent are required whenever a facility operation is relocated or changes ownership.

If you have any questions, please contact your Regional Board Industrial Storm Water Permit Contact. The names, telephone numbers, and e-mail addresses of the Regional Board contacts, as well as the Regional Board Offices addresses are indicated below.

REGIONAL BOARD INFORMATION:

San Diego Region
 9174 Sky Park Court, Suite 100
 San Diego, CA 92123

Contact: Tony Felix
 Tel: (858) 636-3134
 Email: Tfelix@waterboards.ca.gov

GENERAL INFORMATION

A. Facility Information:

Tanox West Inc
 11011 Torreyana Rd
 San Diego, CA 92121
WDID No: 9 371019266

Facility Contact: McKinney Sam
 Email:
 Phone: 713-578-4040

SIC Code(s):

2834 Pharmaceutical Preparations

B. Facility Operator Information:

tanox west inc
~~10555 Stella Link Rd~~ **11011 TORREYANA RD**
~~Houston, TX 77025~~ **SAN DIEGO CA 92122**

Operator Contact: ~~Sam McKinney~~ **Judi Gauthier**
 Email: ~~smckinney@tanox.com~~ **jgauthier@tanox.com**
 Phone: ~~713-578-4040~~

main: 858 373 3661
 nextel: 858 864 6576

C. Facility Billing Information:

tanox west inc
 10555 Stella Link Rd
 Houston, TX 77025
 Attn: **Judi Gauthier**

Billing Contact: ~~Sam McKinney~~ **Judi Gauthier**
 Email: ~~smckinney@tanox.com~~ **jgauthier@tanox.com**
 Phone: ~~713-578-4040~~

858 864 6576

10 0019266.02

2005-2006
ANNUAL REPORT

SPECIFIC INFORMATION

MONITORING AND REPORTING PROGRAM

D. SAMPLING AND ANALYSIS EXEMPTIONS AND REDUCTIONS

1. For the reporting period, was your facility exempt from collecting and analyzing samples from **two** storm events in accordance with sections B.12 or 15 of the General Permit?

YES Go to Item D.2 **NO** Go to Section E

2. Indicate the reason your facility is exempt from collecting and analyzing samples from **two** storm events. Attach a copy of the first page of the appropriate certification if you check boxes ii, iii, iv, or v.

i. Participating in an Approved Group Monitoring Plan **Group Name:** _____

ii. Submitted **No Exposure Certification (NEC)** **Date Submitted:** _____

Re-evaluation Date: _____

Does facility continue to satisfy NEC conditions? **YES** **NO**

iii. Submitted **Sampling & Analysis Reduction Certification (SARC)** **Date Submitted:** _____

Re-evaluation Date: _____

Does facility continue to satisfy SARC conditions? **YES** **NO**

iv. Received Regional Board Certification **Certification Date:** _____

v. Received Local Agency Certification **Certification Date:** _____

3. If you checked boxes i or iii above, were you scheduled to sample **one** storm event during the reporting year?

YES Go to Section E **NO** Go to Section F

4. If you checked boxes ii, iv, or v, go to Section F.

E. SAMPLING AND ANALYSIS RESULTS

1. How many storm events did you sample? 2 If less than 2, **attach explanation** (if you checked item D.2.i or iii. above, only attach explanation if you answer "0").

2. Did you collect storm water samples from the first storm of the wet season that produced a discharge during scheduled facility operating hours? (Section B.5 of the General Permit)

YES **NO, attach explanation** (Please note that if you do not sample the first storm event, you are still required to sample 2 storm events)

3. How many storm water discharge locations are at your facility? 3

(we only test discharge from #2 other location are not Accessible)

4. For each storm event sampled, did you collect and analyze a sample from each of the facility's storm water discharge locations? YES, go to Item E.6 NO
5. Was sample collection or analysis reduced in accordance with Section B.7.d of the General Permit? YES NO, **attach explanation**
- If "YES", **attach documentation** supporting your determination that two or more drainage areas are substantially identical.
- Date facility's drainage areas were last evaluated _____
6. Were all samples collected during the first hour of discharge? YES NO, **attach explanation**
7. Was all storm water sampling preceded by three (3) working days without a storm water discharge? YES NO, **attach explanation**
8. Were there any discharges of stormwater that had been temporarily stored or contained? (such as from a pond) YES NO, go to Item E.10
9. Did you collect and analyze samples of temporarily stored or contained storm water discharges from two storm events? (or one storm event if you checked item D.2.i or iii. above) YES NO, **attach explanation**
10. Section B.5. of the General Permit requires you to analyze storm water samples for pH, Total Suspended Solids (TSS), Specific Conductance (SC), Total Organic Carbon (TOC) or Oil and Grease (O&G), other pollutants likely to be present in storm water discharges in significant quantities, and analytical parameters listed in Table D of the General Permit.
- a. Does Table D contain any additional parameters related to your facility's SIC code(s)? YES NO, Go to Item E.11
- b. Did you analyze all storm water samples for the applicable parameters listed in Table D? YES NO
- c. If you did not analyze all storm water samples for the applicable Table D parameters, check one of the following reasons:
- _____ In prior sampling years, the parameter(s) have not been detected in significant quantities from two consecutive sampling events. **Attach explanation**
- _____ The parameter(s) is not likely to be present in storm water discharges and authorized non-storm water discharges in significant quantities based upon the facility operator's evaluation. **Attach explanation**
- _____ Other. **Attach explanation**
11. For each storm event sampled, attach a copy of the laboratory analytical reports and report the sampling and analysis results using **Form 1** or its equivalent. The following must be provided for each sample collected:
- Date and time of sample collection
 - Name and title of sampler.
 - Parameters tested.
 - Name of analytical testing laboratory.
 - Discharge location identification.
 - Testing results.
 - Test methods used.
 - Test detection limits.
 - Date of testing.
 - Copies of the laboratory analytical results.

F. QUARTERLY VISUAL OBSERVATIONS

1. **Authorized Non-Storm Water Discharges**

Section B.3.b of the General Permit requires quarterly visual observations of all authorized non-storm water discharges and their sources.

a. Do authorized non-storm water discharges occur at your facility?

YES NO Go to Item F.2

b. Indicate whether you visually observed all authorized non-storm water discharges and their sources during the quarters when they were discharged. **Attach an explanation for any "NO" answers.** Indicate "N/A" for quarters without any authorized non-storm water discharges.

July -September YES NO N/A October-December YES NO N/A
January-March YES NO N/A April-June YES NO N/A

c. Use **Form 2** to report quarterly visual observations of authorized non-storm water discharges or provide the following information.

- i. name of each authorized non-storm water discharge
- ii. date and time of observation
- iii. source and location of each authorized non-storm water discharge
- iv. characteristics of the discharge at its source and impacted drainage area/discharge location
- v. name, title, and signature of observer
- vi. **any** new or revised BMPs necessary to reduce or prevent pollutants in authorized non-storm water discharges. Provide new or revised BMP implementation date.

2. **Unauthorized Non-Storm Water Discharges**

Section B.3.a of the General Permit requires quarterly visual observations of all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources.

a. Indicate whether you visually observed all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources. **Attach an explanation for any "NO" answers.**

July -September YES NO October-December YES NO
January-March YES NO April-June YES NO

b. Based upon the quarterly visual observations, were any unauthorized non-storm water discharges detected?

YES NO Go to item F.2.d

c. Have each of the unauthorized non-storm water discharges been eliminated?

YES NO **Attach explanation**

d. Use **Form 3** to report quarterly unauthorized non-storm water discharge visual observations or provide the following information.

- i. name of each unauthorized non-storm water discharge.
- ii. date and time of observation.
- iii. source and location of each unauthorized non-storm water discharge.
- iv. characteristics of the discharge at its source and impacted drainage area/discharge location.
- v. name, title, and signature of observer.
- vi. **any** corrective actions necessary to eliminate the source of each unauthorized non-storm water discharge and to clean impacted drainage areas. Provide date unauthorized non-storm water discharge(s) was eliminated or scheduled to be eliminated.

G. MONTHLY WET SEASON VISUAL OBSERVATIONS

Section B.4.a of the General Permit requires you to conduct monthly visual observations of storm water discharges at all storm water discharge locations during the wet season. These observations shall occur during the first hour of discharge or, in the case of temporarily stored or contained storm water, at the time of discharge.

1. Indicate below whether monthly visual observations of storm water discharges occurred at all discharge locations. **Attach an explanation for any "NO" answers.** Include in this explanation whether any eligible storm events occurred during scheduled facility operating hours that did not result in a storm water discharge, and provide the date, time, name and title of the person who observed that there was no storm water discharge.

	YES	NO		YES	NO
October	<input checked="" type="checkbox"/>	<input type="checkbox"/>	February	<input checked="" type="checkbox"/>	<input type="checkbox"/>
November	<input type="checkbox"/>	<input checked="" type="checkbox"/>	March	<input checked="" type="checkbox"/>	<input type="checkbox"/>
December	<input type="checkbox"/>	<input checked="" type="checkbox"/>	April	<input type="checkbox"/>	<input checked="" type="checkbox"/>
January	<input type="checkbox"/>	<input checked="" type="checkbox"/>	May	<input checked="" type="checkbox"/>	<input type="checkbox"/>

2. Report monthly wet season visual observations using **Form 4** or provide the following information.
 - a. date, time, and location of observation
 - b. name and title of observer
 - c. characteristics of the discharge (i.e., odor, color, etc.) and source of any pollutants observed.
 - d. **any** new or revised BMPs necessary to reduce or prevent pollutants in storm water discharges. Provide new or revised BMP implementation date.

ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION (ACSCE)

H. ACSCE CHECKLIST

Section A.9 of the General Permit requires the facility operator to conduct one ACSCE in each reporting period (July 1-June 30). Evaluations must be conducted within 8-16 months of each other. The SWPPP and monitoring program shall be revised and implemented, as necessary, within 90 days of the evaluation. The checklist below includes the minimum steps necessary to complete a ACSCE. Indicate whether you have performed each step below. **Attach an explanation for any "NO" answers.**

1. Have you inspected all potential pollutant sources and industrial activities areas? YES NO
The following areas should be inspected:

- areas where spills and leaks have occurred during the last year.
- outdoor wash and rinse areas.
- process/manufacturing areas.
- loading, unloading, and transfer areas.
- waste storage/disposal areas.
- dust/particulate generating areas.
- erosion areas.
- building repair, remodeling, and construction
- material storage areas
- vehicle/equipment storage areas
- truck parking and access areas
- rooftop equipment areas
- vehicle fueling/maintenance areas
- non-storm water discharge generating areas

2. Have you reviewed your SWPPP to assure that its BMPs address existing potential pollutant sources and industrial activities areas? YES NO

3. Have you inspected the entire facility to verify that the SWPPP's site map, is up-to-date? The following site map items should be verified: YES NO

- facility boundaries
- outline of all storm water drainage areas
- areas impacted by run-on
- storm water discharges locations
- storm water collection and conveyance system
- structural control measures such as catch basins, berms, containment areas, oil/water separators, etc.

4. Have you reviewed all General Permit compliance records generated since the last annual evaluation? YES NO

The following records should be reviewed:

- quarterly authorized non-storm water discharge visual observations
- monthly storm water discharge visual observation
- records of spills/leaks and associated clean-up/response activities
- quarterly unauthorized non-storm water discharge visual observations
- Sampling and Analysis records
- preventative maintenance inspection and maintenance records

5. Have you reviewed the major elements of the SWPPP to assure compliance with the General Permit? YES NO

The following SWPPP items should be reviewed:

- pollution prevention team
- list of significant materials
- description of potential pollutant sources
- assessment of potential pollutant sources
- identification and description of the BMPs to be implemented for each potential pollutant source

6. Have you reviewed your SWPPP to assure that a) the BMPs are adequate in reducing or preventing pollutants in storm water discharges and authorized non-storm water discharges, and b) the BMPs are being implemented? YES NO

The following BMP categories should be reviewed:

- good housekeeping practices
- spill response
- employee training
- erosion control
- quality assurance
- preventative maintenance
- material handling and storage practices
- waste handling/storage
- structural BMPs

7. Has all material handling equipment and equipment needed to implement the SWPPP been inspected? YES NO

I. ACSCE EVALUATION REPORT

The facility operator is required to provide an evaluation report that includes:

- identification of personnel performing the evaluation
- the date(s) of the evaluation
- necessary SWPPP revisions
- schedule for implementing SWPPP revisions
- any incidents of non-compliance and the corrective actions taken.

Use **Form 5** to report the results of your evaluation or develop an equivalent form.

J. ACSCE CERTIFICATION

The facility operator is required to certify compliance with the Industrial Activities Storm Water General Permit. To certify compliance, both the SWPPP and Monitoring Program must be up to date and be fully implemented.

Based upon your ACSCE, do you certify compliance with the Industrial Activities Storm Water General Permit? YES NO

If you answered "NO" **attach an explanation** to the ACSCE Evaluation Report why you are not in compliance with the Industrial Activities Storm Water General Permit.

ATTACHMENT SUMMARY

Answer the questions below to help you determine what should be attached to this annual report. Answer NA (Not Applicable) to questions 2-4 if you are not required to provide those attachments.

- 1. Have you attached Forms 1,2,3,4, and 5 or their equivalent? YES (Mandatory)

- 2. If you conducted sampling and analysis, have you attached the laboratory analytical reports? YES NO NA

- 3. If you checked box II, III, IV, or V in item D.2 of this Annual Report, have you attached the first page of the appropriate certifications? YES NO NA

- 4. Have you attached an explanation for each "NO" answer in items E.1, E.2, E.5-E.7, E.9, E.10.c, F.1.b, F.2.a, F.2.c, G.1, H.1-H.7, or J? YES NO NA

ANNUAL REPORT CERTIFICATION

I am duly authorized to sign reports required by the INDUSTRIAL ACTIVITIES STORM WATER GENERAL PERMIT (see Standard Provision C.9) and I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those person directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Printed Name: Judy Gartner
Signature: Judy Gartner Date: 27 JUL 06
Title: Facilities Coordinator

EnviroMatrix



Analytical, Inc.

INVOICE

Invoice To:

Judi Gather
Tanox Inc.
11011 Torreyana Rd.
San Diego, CA 92122

Client Project Manager

Judi Gather

PO Number

Invoice Number

6030119

Invoiced On:

03/10/06

Received

02/28/06

Terms

NET 30

Remit To:

Accounts Receivable
EnviroMatrix Analytical, Inc.
4340 Viewridge Ave., Ste. A
San Diego, CA 92123

Project

No Project

Project Number

No Project

Project Manager

Jillian S. Bates *J*

Work Order(s)

0602444

Quantity	Analysis/Description	Matrix	Unit Cost	Extended Cost
EnviroMatrix Analytical, Inc.				
1	Solids, TSS- Liquid [Normal TAT]	Water	\$20.00	\$20.00
1	pH water 150.1 [Normal TAT]	Water	\$15.00	\$15.00
1	O&G(1664)- Liquid [Normal TAT]	Water	\$70.00	\$70.00
1	Conductivity [Normal TAT]	Water	\$20.00	\$20.00
			Invoice Total:	\$125.00



10 March 2006

Tanox Inc.
Attn: Judi Gather
11011 Torreyana Rd.
San Diego, CA 92122

EMA Log #: 0602444

Project Name: No Project

Enclosed are the results of analyses for samples received by the laboratory on 02/28/06 13:01. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that this data is in compliance both technically and for completeness.

A handwritten signature in black ink, appearing to read 'Dan Verdon', is written over a light blue horizontal line.

Dan Verdon
Laboratory Director

CA ELAP Certification #: 2564

Client Name: Tanox Inc.
Project Name: No Project

EMA Log #: 0602444

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Storm Water 001	0602444-01	Stormwater	02/28/06 09:15	02/28/06 13:01

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Client Name: Tanox Inc.
Project Name: No Project

EMA Log #: 0602444

Conventional Chemistry Parameters by Standard/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Storm Water 001 (0602444-01) Stormwater Sampled: 02/28/06 09:15 Received: 02/28/06 13:01									
Specific Conductance (EC)	63	1	umhos/cm	1	6022812	02/28/06	02/28/06	SM2510 B	
Oil & Grease	ND	5	mg/l	"	6030222	03/02/06	03/02/06	EPA 1664	
pH	6.77	0.10	pH Units	"	6022813	02/28/06	02/28/06	EPA 150.1	
Total Suspended Solids	ND	20	mg/l	"	6030615	03/07/06	03/07/06	SM2540 D	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: Tanox Inc.
 Project Name: No Project

EMA Log #: 0602444

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6022812										
Duplicate (6022812-DUP1) Source: 0602389-03 Prepared & Analyzed: 02/28/06										
Specific Conductance (EC)	213	1	umhos/cm		214			0.5	20	
Duplicate (6022812-DUP2) Source: 0602397-02 Prepared & Analyzed: 02/28/06										
Specific Conductance (EC)	261	1	umhos/cm		264			1	20	
Duplicate (6022812-DUP3) Source: 0602411-03 Prepared & Analyzed: 02/28/06										
Specific Conductance (EC)	2800	1	umhos/cm		2970			6	20	
Duplicate (6022812-DUP4) Source: 0602432-04 Prepared & Analyzed: 02/28/06										
Specific Conductance (EC)	143	1	umhos/cm		142			0.7	20	
Duplicate (6022812-DUP5) Source: 0602446-02 Prepared & Analyzed: 02/28/06										
Specific Conductance (EC)	11	1	umhos/cm		11			0	20	
Duplicate (6022812-DUP6) Source: 0602462-07 Prepared & Analyzed: 02/28/06										
Specific Conductance (EC)	50	1	umhos/cm		50			0	20	
Reference (6022812-SRM1) Source: 0602462-07 Prepared & Analyzed: 02/28/06										
Specific Conductance (EC)	299	1	umhos/cm	297		101	92.6-107.4			
Reference (6022812-SRM2) Source: 0602462-07 Prepared & Analyzed: 02/28/06										
Specific Conductance (EC)	297	1	umhos/cm	297		100	92.6-107.4			
Reference (6022812-SRM3) Source: 0602462-07 Prepared & Analyzed: 02/28/06										
Specific Conductance (EC)	284	1	umhos/cm	297		96	92.6-107.4			
Reference (6022812-SRM4) Source: 0602462-07 Prepared & Analyzed: 02/28/06										
Specific Conductance (EC)	285	1	umhos/cm	297		96	92.6-107.4			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: Tanox Inc.
 Project Name: No Project

EMA Log #: 0602444

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6022812										
Reference (6022812-SRM5)				Prepared & Analyzed: 02/28/06						
Specific Conductance (EC)	284	1	umhos/cm	297		96	92.6-107.4			
Reference (6022812-SRM6)				Prepared & Analyzed: 02/28/06						
Specific Conductance (EC)	286	1	umhos/cm	297		96	92.6-107.4			
Batch 6022813										
Duplicate (6022813-DUP1)		Source: 0602389-03		Prepared & Analyzed: 02/28/06						
pH	6.43	0.10	pH Units		6.45			0.3	20	
Duplicate (6022813-DUP2)		Source: 0602402-01		Prepared & Analyzed: 02/28/06						
pH	8.65	0.10	pH Units		8.73			0.9	20	
Duplicate (6022813-DUP3)		Source: 0602410-09		Prepared & Analyzed: 02/28/06						
pH	7.14	0.10	pH Units		7.18			0.6	20	
Duplicate (6022813-DUP4)		Source: 0602434-01		Prepared & Analyzed: 02/28/06						
	6.75	0.10	pH Units		6.72			0.4	20	
Duplicate (6022813-DUP5)		Source: 0602446-02		Prepared & Analyzed: 02/28/06						
pH	6.65	0.10	pH Units		6.64			0.2	20	
Duplicate (6022813-DUP6)		Source: 0602462-07		Prepared & Analyzed: 02/28/06						
pH	6.87	0.10	pH Units		6.89			0.3	20	
Reference (6022813-SRM1)				Prepared & Analyzed: 02/28/06						
pH	8.83	0.10	pH Units	9.10		97	97-103			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: Tanox Inc.
 Project Name: No Project

EMA Log #: 0602444

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6022813										
Reference (6022813-SRM2)				Prepared & Analyzed: 02/28/06						
pH	8.87	0.10	pH Units	9.10		97	97-103			
Reference (6022813-SRM3)				Prepared & Analyzed: 02/28/06						
pH	8.83	0.10	pH Units	9.10		97	97-103			
Reference (6022813-SRM4)				Prepared & Analyzed: 02/28/06						
pH	8.85	0.10	pH Units	9.10		97	97-103			
Reference (6022813-SRM5)				Prepared & Analyzed: 02/28/06						
pH	8.88	0.10	pH Units	9.10		98	97-103			
Reference (6022813-SRM6)				Prepared & Analyzed: 02/28/06						
pH	8.86	0.10	pH Units	9.10		97	97-103			
Batch 6030222										
Blank (6030222-BLK1)				Prepared & Analyzed: 03/02/06						
Grease	ND	5	mg/l							
LCS (6030222-BS1)				Prepared & Analyzed: 03/02/06						
Oil & Grease	100	5	mg/l	106		94	75-125			
LCS Dup (6030222-BSD1)				Prepared & Analyzed: 03/02/06						
Oil & Grease	86	5	mg/l	104		83	75-125	15	20	
Batch 6030615										
Blank (6030615-BLK1)				Prepared & Analyzed: 03/06/06						
Total Suspended Solids	ND	20	mg/l							

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: Tanox Inc.
 Project Name: No Project

EMA Log #: 0602444

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6030615										
Duplicate (6030615-DUP1)		Source: 0602462-05		Prepared & Analyzed: 03/06/06						
Total Suspended Solids	13	20	mg/l		15			14	20	
Duplicate (6030615-DUP2)		Source: 0602462-06		Prepared & Analyzed: 03/06/06						
Total Suspended Solids	201	20	mg/l		198			2	20	
Duplicate (6030615-DUP3)		Source: 0602448-02		Prepared: 03/06/06 Analyzed: 03/09/06						
Total Suspended Solids	48	20	mg/l		44			9	20	
Duplicate (6030615-DUP4)		Source: 0602450-01		Prepared: 03/06/06 Analyzed: 03/09/06						
Total Suspended Solids	6	20	mg/l		4			40	20	QR-06
Duplicate (6030615-DUP5)		Source: 0602451-01		Prepared: 03/06/06 Analyzed: 03/09/06						
Total Suspended Solids	6	20	mg/l		6			0	20	
Duplicate (6030615-DUP6)		Source: 0602452-01		Prepared: 03/06/06 Analyzed: 03/09/06						
Total Suspended Solids	76	20	mg/l		74			3	20	
Duplicate (6030615-DUP7)		Source: 0602453-01		Prepared: 03/06/06 Analyzed: 03/09/06						
Total Suspended Solids	13	20	mg/l		14			7	20	
Duplicate (6030615-DUP8)		Source: 0602454-01		Prepared: 03/06/06 Analyzed: 03/09/06						
Total Suspended Solids	16	20	mg/l		10			46	20	QR-06
Duplicate (6030615-DUP9)		Source: 0602462-01		Prepared: 03/06/06 Analyzed: 03/09/06						
Total Suspended Solids	35	20	mg/l		37			6	20	
Duplicate (6030615-DUPA)		Source: 0602462-02		Prepared: 03/06/06 Analyzed: 03/09/06						
Total Suspended Solids	2	20	mg/l		3			40	20	QR-06

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: Tanox Inc.
 Project Name: No Project

EMA Log #: 0602444

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6030615										
Duplicate (6030615-DUPB)		Source: 0602462-03		Prepared: 03/06/06		Analyzed: 03/09/06				
Total Suspended Solids	33	20	mg/l		31			6	20	
Duplicate (6030615-DUPC)		Source: 0602464-04		Prepared: 03/06/06		Analyzed: 03/09/06				
Total Suspended Solids	48	20	mg/l		44			9	20	
Duplicate (6030615-DUPD)		Source: 0602464-05		Prepared: 03/06/06		Analyzed: 03/09/06				
Total Suspended Solids	49	20	mg/l		51			4	20	
Duplicate (6030615-DUPE)		Source: 0602464-06		Prepared: 03/06/06		Analyzed: 03/09/06				
Total Suspended Solids	52	20	mg/l		49			6	20	
Reference (6030615-SRM1)				Prepared & Analyzed: 03/06/06						
Total Suspended Solids	90	20	mg/l	94.7		95	3.595-103.5			
Reference (6030615-SRM2)				Prepared & Analyzed: 03/06/06						
Total Suspended Solids	90	20	mg/l	94.7		95	3.595-103.5			
Reference (6030615-SRM3)				Prepared: 03/06/06 Analyzed: 03/09/06						
Total Suspended Solids	96	20	mg/l	94.7		101	3.595-103.5			
Reference (6030615-SRM4)				Prepared: 03/06/06 Analyzed: 03/09/06						
Total Suspended Solids	90	20	mg/l	94.7		95	3.595-103.5			
Reference (6030615-SRM5)				Prepared: 03/06/06 Analyzed: 03/09/06						
Total Suspended Solids	96	20	mg/l	94.7		101	3.595-103.5			
Reference (6030615-SRM6)				Prepared: 03/06/06 Analyzed: 03/09/06						
Total Suspended Solids	89	20	mg/l	94.7		94	3.595-103.5			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: Tanox Inc.
 Project Name: No Project

EMA Log #: 0602444

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6030615										
Reference (6030615-SRM7)				Prepared: 03/06/06 Analyzed: 03/09/06						
Total Suspended Solids	92	20	mg/l	94.7		97	3.595-103.5			
Reference (6030615-SRM8)				Prepared: 03/06/06 Analyzed: 03/09/06						
Total Suspended Solids	91	20	mg/l	94.7		96	3.595-103.5			
Reference (6030615-SRM9)				Prepared: 03/06/06 Analyzed: 03/09/06						
Total Suspended Solids	88	20	mg/l	94.7		93	3.595-103.5			
Reference (6030615-SRMA)				Prepared: 03/06/06 Analyzed: 03/09/06						
Total Suspended Solids	96	20	mg/l	94.7		101	3.595-103.5			
Reference (6030615-SRMB)				Prepared: 03/06/06 Analyzed: 03/09/06						
Total Suspended Solids	93	20	mg/l	94.7		98	3.595-103.5			
Reference (6030615-SRMC)				Prepared: 03/06/06 Analyzed: 03/09/06						
Total Suspended Solids	93	20	mg/l	94.7		98	3.595-103.5			
Reference (6030615-SRMD)				Prepared: 03/06/06 Analyzed: 03/09/06						
Total Suspended Solids	89	20	mg/l	94.7		94	3.595-103.5			
Reference (6030615-SRME)				Prepared: 03/06/06 Analyzed: 03/09/06						
Total Suspended Solids	90	20	mg/l	94.7		95	3.595-103.5			

Results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: Tanox Inc.
Project Name: No Project

EMA Log #: 0602444

Notes and Definitions

- QR-06 The RPD value was exceeded due to the sample concentration being less than 10 times the reporting limit. The QC batch was accepted based on the LCS or QCS results.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CHAIN-OF-CUSTODY RECORD



4340 Viewridge Ave., Ste. A • San Diego, CA 92123 • Phone (858) 560-7717 • Fax (858) 560-7763

EMA DATE/TIME STAMP

REQUESTED ANALYSIS FEB 28 '06 10:01

EMA LOG #: 0602444

Client: INDEX, INC
 Address: 1100 WASHINGTON RD.
441 S 10th St PA 93102
 Attn: PA 93102 Phone: 858 269 6576
 Sampled by: PA 93102 Fax: 858 373 3601
 Billing Address: 10301 STELLER LINK
PHILADELPHIA PA

EMA ID #	Client Sample ID	Sample Date	Sample Time	Sample Matrix	Container(s) # Type*	418.1 (TRPH)	Oil & Grease 413.1 413.2 1664	TPH (8015B) Gas Diesel	TPH-Extended 8015B ASTM D2887	602 / 8021 BTXE MTBE	601 / 8021 (Purgeable Halocarbons)	608 / 8081 (Pesticides)	608 / 8082 (PCB's)	624 / 8260 (Volatile Organics)	625 / 8270 (Semi Volatile Organics)	TTLc Metals (CAC Title 22)	STLc Metals (CAC Title 22)	TCLP (RCRA) Metals Organics	Cd Cr Cu Pb Ni Ag Zn	pH EC TSS TDS	
1	SWIM WATER 001	28 FEB	9:15 AM	LD	1 G		X														X
2	"	"	"	"	1 P																
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					

RELINQUISHED BY

DATE/TIME

RECEIVED BY

Signature: HELL MANN
 Print: JUD. GUTHER
 Company: INDEX, INC

Signature: [Signature]
 Print: [Signature]
 Company: EMA

Signature: [Signature]
 Print: [Signature]
 Company: EMA

Signature: [Signature]
 Print: [Signature]
 Company: EMA

*Container Types: B=Brass Tube; V=VOA; G=Glass; P=Plastic; O=Other (list)
 Tamper-Proof Seals Intact: Yes No N/A
 Sample(s): Cold Ambient Warm
 All Samples Properly Preserved: Yes No N/A
 Disposal: N/C (aqueous) *EMA (@\$5.00/sample) Return Hold
 Turnaround Time: 24 hr 48 hr 3 day 4 day 5 day Normal
 Comments: EMA

Company: EMA
 Signature: [Signature]
 Print: [Signature]

Company: EMA
 Signature: [Signature]
 Print: [Signature]

Company: EMA
 Signature: [Signature]
 Print: [Signature]

Company: EMA
 Signature: [Signature]
 Print: [Signature]

*EMA reserves the right to return samples that do not match our waste profile.

EnviroMatrix



Analytical, Inc.

INVOICE

Invoice To:

Judi Gather
Tanox Inc.
11011 Torreyana Rd.
San Diego, CA 92122

Invoice Number

6050341

Remit To:

Accounts Receivable
EnviroMatrix Analytical, Inc.
4340 Viewridge Ave., Ste. A
San Diego, CA 92123

Client Project Manager

Judi Gather

Invoiced On:

05/30/06

Received

05/22/06

Project

No Project

PO Number

Terms

NET 30

Project Number

No Project

Project Manager

Jillian S. Bates

Work Order(s)

0605389

Quantity	Analysis/Description	Matrix	Unit Cost	Extended Cost
EnviroMatrix Analytical, Inc.				
1	Solids, TSS- Liquid [Normal TAT]	Water	\$25.00	\$25.00
1	pH water 150.1 [Normal TAT]	Water	\$20.00	\$20.00
1	O&G(1664)- Liquid [Normal TAT]	Water	\$70.00	\$70.00
1	Conductivity [Normal TAT]	Water	\$25.00	\$25.00
Additional Items				
1	Courier Fee (Mon - Fri)		\$10.00	\$10.00
			Invoice Total:	\$150.00



30 May 2006

Tanox Inc.
Attn: Judi Gather
11011 Torreyana Rd.
San Diego, CA 92122

EMA Log #: 0605389

Project Name: No Project

Enclosed are the results of analyses for samples received by the laboratory on 05/22/06 13:57. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that this data is in compliance both technically and for completeness.

A handwritten signature in black ink, appearing to read 'Dan Verdon'.

Dan Verdon
Laboratory Director

CA ELAP Certification #: 2564

Client Name: Tanox Inc.
Project Name: No Project

EMA Log #: 0605389

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Sample #2	0605389-01	Stormwater	05/22/06 09:30	05/22/06 13:57

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Client Name: Tanox Inc.
Project Name: No Project

EMA Log #: 0605389

Conventional Chemistry Parameters by Standard/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sample #2 (0605389-01) Stormwater Sampled: 05/22/06 09:30 Received: 05/22/06 13:57									
Specific Conductance (EC)	112	1	umhos/cm	1	6052419	05/24/06	05/24/06	SM2510 B	
Oil & Grease	ND	5	mg/l	"	6052612	05/26/06	05/30/06	EPA 1664	
pH	8.71	0.10	pH Units	"	6052303	05/22/06	05/22/06	EPA 150.1	
Total Suspended Solids	ND	20	mg/l	"	6052520	05/23/06	05/23/06	SM2540 D	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Client Name: Tanox Inc.
 Project Name: No Project

EMA Log #: 0605389

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6052303										
Duplicate (6052303-DUP1)		Source: 0605389-01			Prepared & Analyzed: 05/22/06					
pH	8.78	0.10	pH Units		8.71			0.8	20	
Reference (6052303-SRM1)		Prepared & Analyzed: 05/22/06								
pH	8.83	0.10	pH Units	9.10		97	97-103			
Batch 6052419										
Duplicate (6052419-DUP1)		Source: 0605389-01			Prepared & Analyzed: 05/24/06					
Specific Conductance (EC)	110	1	umhos/cm		112			2	20	
Reference (6052419-SRM1)		Prepared & Analyzed: 05/24/06								
Specific Conductance (EC)	464	1	umhos/cm	465		100	484-104.5			
Batch 6052520										
Duplicate (6052520-DUP1)		Source: 0605292-02			Prepared & Analyzed: 05/23/06					
Total Suspended Solids	ND	20	mg/l		2				20	
Duplicate (6052520-DUP2)		Source: 0605338-01			Prepared & Analyzed: 05/23/06					
Total Suspended Solids	ND	20	mg/l		1				20	
Duplicate (6052520-DUP3)		Source: 0605315-02			Prepared & Analyzed: 05/23/06					
Total Suspended Solids	286	20	mg/l		280			2	20	
Reference (6052520-SRM1)		Prepared & Analyzed: 05/23/06								
Total Suspended Solids	51	20	mg/l	55.7		92	87.3-113			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: Tanox Inc.
 Project Name: No Project

EMA Log #: 0605389

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6052520										
Reference (6052520-SRM2)				Prepared & Analyzed: 05/23/06						
Total Suspended Solids	61	20	mg/l	55.7		110	87.3-113			
Reference (6052520-SRM3)				Prepared & Analyzed: 05/23/06						
Total Suspended Solids	62	20	mg/l	55.7		111	87.3-113			
Batch 6052612										
Blank (6052612-BLK1)				Prepared: 05/25/06 Analyzed: 05/26/06						
Oil & Grease	ND	5	mg/l							
LCS (6052612-BS1)				Prepared: 05/25/06 Analyzed: 05/26/06						
Oil & Grease	92	5	mg/l	108		85	75-125			
LCS Dup (6052612-BSD1)				Prepared: 05/25/06 Analyzed: 05/26/06						
Oil & Grease	75	5	mg/l	84.1		89	75-125	20	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: Tanox Inc.
Project Name: No Project

EMA Log #: 0605389

Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CHAIN-OF-CUSTODY RECORD

EMALOG #: 6605389

4340 Viewridge Ave., Ste. A • San Diego, CA 92123 • Phone (858) 560-7717 • Fax (858) 560-7763
EMA DATE/TIME STAMP
REQUESTED ANALYSIS

Client: 11011
 Address: 11011 Torreyana Rd.
Sun Diego CA 92122
 Attn: Judith Gauthier Phone: 858 804 6570
 Sampled by: Esteban Vito Fax: 858 804 3101
 Billing Address: 10301 Selva Lane
Houston TX 77025
 Project: _____ PO #: _____

EMA ID #	Client Sample ID	Sample Date	Sample Time	Sample Matrix	Container(s) # Type*	Analysis
1	Sample #2	22 MAY 06	09:32	L/L	1 G	418.1 (TRPH) Oil & Grease 413.1 ___ 413.2 ___ 1664 <input checked="" type="checkbox"/> TPH (8015B) Gas ___ Diesel ___ TPH-Extended 8015B ___ ASTM D2887 ___ 602 / 8021 BTXE ___ MTBE ___ 601 / 8021 (Purgeable Halocarbons) 608 / 8081 (Pesticides) 608 / 8082 (PCB's) 624 / 8260 (Volatile Organics) 625 / 8270 (Semi Volatile Organics) TTLIC Metals (CAC Title 22) STLC Metals (CAC Title 22) TCLP (RCRA) Metals ___ Organics ___ Cd Cr Cu Pb Ni Ag Zn PH EC ISS TDS
2	Sample #2	22 MAY 06	09:32	L/L	1 G	
3						
4						
5						
6						
7						
8						
9						
10						

*Container Types: B=Brass Tube; V=VOA; G=Glass; P=Plastic; O=Other (list)

Tamper-Proof Seals Intact: Yes No N/A Correct Containers: Yes No Signature: Judith Gauthier

Sample(s): Cold Ambient Warm VOAs w/ZHS: Yes No N/A Print: Judith Gauthier

All Samples Properly Preserved: Yes No N/A Signature: J. G. Vito

Disposal: N/C (aqueous) *EMA (@\$5.00/sample) Return Hold Print: Esteban Vito

Turnaround Time: 24 hr 48 hr 3 day 4 day 5 day Normal Company: EMA

Comments: _____ Signature: _____ Print: _____ Company: _____

White - EMA _____ Pink - Client (w/Report) _____ Goldendrod - Client (Relinquish Samples) _____

Canary - Accounting _____

*EMA reserves the right to return samples that do not match our waste profile.

CHAIN-OF-CUSTODY RECORD

4340 Viewridge Ave., Ste. A • San Diego, CA 92123 • Phone (858) 560-7717 • Fax (858) 560-763

EMA Log #: 0605389

EMA DATE/TIME STAMP

REQUESTED ANALYSIS

Client: TUDY TORREQUINA RD.
 Address: 11011 TORREQUINA RD.
 Attn: TUDI STAMMER Phone: 058 804 0570
 Sampled by: ESTHER VITO Fax: 858 564 3401
 Billing Address: 10301 SELW LANE
HOUSTON TX 77035

Project: _____ PO #: _____

EMA ID #	Client Sample ID	Sample Date	Sample Time	Sample Matrix	Container(s) # Type*	418.1 (TRPH)	Oil & Grease 413.1 413.2 1664	TPH (8015B) Gas Diesel	TPH-Extended 8015B ASTM D2887	602 / 8021 BTXE MTBE	601 / 8021 (Purgeable Halocarbons)	608 / 8081 (Pesticides)	608 / 8082 (PCB's)	624 / 8260 (Volatile Organics)	625 / 8270 (Semi Volatile Organics)	TTLIC Metals (CAC Title 22)	STLC Metals (CAC Title 22)	TCLP (RCRA) Metals Organics	Cd Cr Cu Pb Ni Ag Zn	pH EC TSS TDS	
1	SAMPLE # 2	22 MAY 09:30		Liq	1 G																
2	SAMPLE # 2	22 MAY 09:30		Liq	1 P																
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					

*Container Types: B=Brass Tube; V=VOA; G=Glass; P=Plastic; O=Other (list)

Tamper-Proof Seals Intact: Yes No N/A Correct Containers: Yes No

Sample(s): Cold Ambient Warm VOAs w/ZHS: Yes No N/A

All Samples Properly Preserved: Yes No N/A

Disposal: N/C (aqueous) *EMA (@\$5.00/sample) Return Hold

Turnaround Time: 24 hr 48 hr 3 day 4 day 5 day Normal

Comments:

Signature: TUDI STAMMER Company: _____
 Signature: _____ Company: _____
 Print: _____ Company: _____
 Signature: _____ Company: _____
 Print: _____ Company: _____

RELINQUISHED BY

DATE/TIME

RECEIVED BY

Signature: TUDI STAMMER Date/Time: 22 MAY 09 12:30 PM

Signature: _____ Date/Time: _____

Signature: _____ Date/Time: _____

Signature: _____ Date/Time: _____

Signature: _____ Date/Time: _____

Signature: _____ Date/Time: _____

Signature: _____ Date/Time: _____

*EMA reserves the right to return samples that do not match our waste profile.



CITY OF SAN DIEGO

STORM WATER COMPLIANCE INSPECTION FOR INDUSTRIAL FACILITIES

Inspected by D-MAX Engineering, Inc.

Inspector Name Peter Smith Date 2/28/07 Time 2:40 AM/PM

Type of Inspection: Full Insp. Could not Contact Low Commercial Moved, Vacant Refused
 Routine Follow-up Moved, Replaced by Tanox West, Inc. Follow-up (i.e. not full)
 Complaint Investigation Out of Jurisdiction Duplicate of: _____ Reclassified

A. CONTACT INFORMATION

Original
 Business Name Biosen Idec
Pharmaceuticals Corp.
 Street Address 11011 Torreyana Rd.
San Diego, CA 92121
 Responsible Person(s) Patt: M
 Title: _____
 Business Telephone # (858) 401-5161 ext. _____
 Business Fax # () - _____
 Home Based? Yes No
 Facility personnel present: _____

Changes
 Business Name _____
 Street Address _____
 Responsible Person(s) _____
 Business Telephone # () - _____
 Business Fax # () - _____

SAN DIEGO REGIONAL
 WATER QUALITY
 CONTROL BOARD
 2007 APR 24 P 11:15

B. FACILITY/SITE INFORMATION

Principal activity: _____

Assigned JURMP Classification: High Ind Medium Ind Low Ind High Comm Unassigned
 Is this facility listed on the current year's inspection list? Yes No
 Assigned NAICS code(s) _____ and/or SIC Code(s) _____
 Does NAICS Code best represent principal activity: Yes No SIC? Yes No
 Recommended change of NAICS Code(s)? _____ Of SIC? _____
 New JURMP Classification? _____

Does facility have a current business certificate? Yes No # _____ Exp. _____
 Is facility subject to CA Statewide General Industrial Permit? Mandatory Conditional No
 If yes, does facility have a Notice of Non-Applicability (NONA/NEC)? Yes No
 If no, has facility filed a Notice of Intent (NOI) to obtain coverage? Yes No WDID: 9 3710 10764
 Has facility filed a Notice Of Termination (NOT) for the WDID# listed above? Yes No Approval date: _____
 Does facility maintain SWPPP or BMP Plan? Yes No month/yr
 Does facility have a storm water monitoring program? Yes No
Existing Status: High Ind Med Ind Low Ind High Comm Moved/Out of Business Dup Low Comm
 Municipal Out of Jurisdiction
Existing NAICS code(s) _____ and **SIC Code(s)** _____

C. INITIAL OBSERVATIONS

Nearest receiving water body: _____ Hydrologic Area (9XX.X): _____
 Approximate distance to receiving water body: < 200 ft. 200 - 1000 ft. > 1000 ft.
 Sensitivity of receiving waters: Sensitive (ESA, 303(d), or other) Non-sensitive
 Discharge points along perimeter: _____
 Discharge observed: Yes No
 If yes, describe: _____
 Approximate area covered by industrial or commercial activities: _____ square feet

100010764.02

BMPs	N/A	Yes	No	Comments
Is vehicle washing performed in a contained area where runoff does not enter the MS4?				
D.5 Non Storm Water Management				
Is the site free of evidence of illicit connections and illegal discharges?				
If not, have the appropriate authorities been notified?				
D.6 Other				
Are there any other potential storm water pollution issues or concerns? If yes, explain below.				
Are all applicable activity-specific BMPs from Appendix C of the JURMP being implemented?				
Were any educational materials distributed?				NOI NONA/NEC 3Cs
D.7 BMP Summary				
<ul style="list-style-type: none"> - Biogen Idec Pharmaceuticals Corp. no longer operates at this address. - Instead, Tanox West, Inc. is currently operating at this location. Tanox West, Inc. has already been inspected. - Biogen Idec Pharmaceuticals Corp. moved to a location at 5200 Research Place, San Diego, CA 92122. Biogen Idec was inspected last year at this location. 				
<p>Note: Both Biogen Idec @ 5200 Research Place and Tanox West at 11011 Torreyman Rd have submitted NOIs</p> <p style="text-align: right;"><i>J.P. An</i></p>				

E. SWPPP/BMP PLAN AND/OR STORM WATER MONITORING PLAN

E.1 SWPPP REVIEW*	Does facility maintain a SWPPP/BMP Plan: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown <input type="checkbox"/> N/A				Comments
SWPPP Component	Provided	Adequate			
Site Map/Description.....	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No			_____
Materials List.....	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No			_____
Significant Spills/Leaks.....	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No			_____
Pollution Prevention Team..... <small>(Identification of current team members.)</small>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No			_____
Industrial Activities.....	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No			_____
Pollutant Sources/Risks.....	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No			_____
Compliance Activity Schedule..... <small>(Procedures to conduct annual site compliance evaluation.)</small>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No			_____
Employee Training.....	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No			_____
Accessible to staff.....	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No			_____
Storm Water BMPs.....	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No			_____

*The SWPPP review portion of the inspection focuses mainly on proposed BMPs and monitoring practices. It is not intended to be a comprehensive assessment of compliance with all SWPPP-related requirements of the General Industrial Permit.

G. VIOLATIONS*

- No violations have been noted at this time
 - No violations have been noted, but recommend taking corrective action described in Section F.
 - Violation of the City's storm water ordinance:
 - Illegal discharge(s) of pollutants to the storm drain system or to receiving waters
- Description _____
- Illegal connection(s) to the storm drain system
- Location _____
- Littering
 - Failure to properly implement required BMPs
 - Failure to comply with the storm water monitoring requirements for high priority industrial facilities
- Non-compliance with the State Industrial Storm Water General Permit.
 - In the future, under a new Industrial Permit, which has not yet been adopted, this facility may be able to qualify for exemption from Permit coverage based on no outdoor exposure.
 - Other Violation noted _____

SPECIFIC ACTION(S) REQUIRED TO CORRECT THE VIOLATION DESCRIBED ABOVE*:

- Implement the recommended corrective actions listed in Section F.
- File a Notice of Intent (NOI) with the State Water Resources Control Board (SWRCB) to obtain coverage under the Industrial Permit—see Attachment 3 of the Industrial Permit (www.waterboards.ca.gov/stormwtr/industrial.html).
 - For "Conditional" facilities only: if you implement all the recommended BMPs and eliminate outdoor exposure, contact the City to request a re-inspection. If it is determined that you qualify, NONA/NEC paperwork will be provided for you to complete, and you will not have to file an NOI.
- Develop and implement a Storm Water Pollution Prevention Plan (SWPPP)—see Section A of the Industrial Permit.
- Develop and implement a storm water monitoring program—see section B of the Industrial Permit for guidelines.
- Complete the provided Notice of Non-Applicability (NONA) and accompanying No Exposure Certification (NEC).

Additional notes and/or actions required:

H. RECOMMENDED CITY ACTIONS*

Is a follow-up inspection recommended for this business?

Yes

No

ASSESSMENT

Level of knowledge regarding stormwater issues:

1 2 3 4 5

Level of cleanliness, BMP implementation, orderliness of site:

1 2 3 4 5

*Violations, corrective actions, and recommended City actions listed at the time of inspection are subject to change based on later review by office staff.

**General Business Facility
Storm Water Pollution Prevention Inspection Checklist
Order No. 2001-01 CAS0108758**

FACILITIES

Facility Name	<i>Biogen Idc</i>			
Address	<i>11011 Torreyana Rd, San Diego, CA</i>			
Zip Code	<i>92121</i>			
Facility Contact	<i>Joseph Nera</i>			
Facility Phone	<i>760-231-2491</i>			
SIC - Industry	<i>2830, 8730</i>			
APN	<i>3400103700</i>			
IWCP #	<i>02-0504</i>			
WDD #	<i>9375010704</i>			

No exposure of facility's industrial activities, equipment, and materials to storm water

STORM WATER POLLUTION PREVENTION PLAN REVIEW

No SWPPP

	S	U	N/A	Comments
Facility Site Map (Identified) <ul style="list-style-type: none"> Storm Drains Inlets/Pipes, Discharge Points Drainage Areas/Basins Material Handling / Processing / Storage Areas of Industrial Activities Shipping / Receiving Vehicle / Equipment Maintenance 	✓ ✓ ✓ ✓ ✓ ✓			
Description of Industrial Activities including a list of materials, chemicals, and processes on site. Identify Potential Pollutants.	✓			
Non Structural BMP's Identified <ul style="list-style-type: none"> Housekeeping Spill Response Plan Employee / Contractor Training 	✓ ✓			
Structural BMP's Identified <ul style="list-style-type: none"> Erosion Prevention Overhead Coverage Secondary Containment Structures / Berms Treatment Systems / Filters 	✓ ✓		✓ ✓	
Minimum City-wide BMP's Implemented			✓	
Storm Water Inspection and Monitoring	✓			
Record Keeping and Reporting	✓			
Employee Training Records			✓	
Quarterly Inspections Completed (4/yr)	✓			
Storm Water Monitoring Completed (2/yr)	✓			

Revision Jan 2003

page 1 of 2

INSPECTOR *Michael Bernini*
 DATE / TIME *11/17/04*
 INSPECTOR PHONE # *8540544109*

H:\WPwin\StormWater Checklistnew.doc

BEST MANAGEMENT PRACTICE IMPLEMENTATION AND FUNCTIONALITY

		S	U	N/A	Comments
Nonstructural BMP's	Grounds Free of Precipitates, Powders, Debris, and Trash. Dumpster areas clean. Good Housekeeping Practices.	✓			
	Spill Response Kits Stocked, Visible, Accessible			✓	<i>not observed.</i>
Structural BMP's	Outdoor Material Storage Areas (Covered)	✓			
	Storm Water Treatment BMP's Operational / Maintained	✓			
	Containment Berms, Containers, Pallets, Structures Functioning	✓			

EVIDENCE OF DISCHARGES, SPILLS, LEAKS IN THE FOLLOWING AREA

	S	U	N/A	Comments
Catch Basins Wet, Stained, Odorous	✓			
Bins, Drums, Barrels, and Bottles Leaking onto Ground	✓			
Hardscape Stained, Corroded, Discolored	✓			
Storm Drain Outfall Points Dirty, Discolored, Residue	✓			
Shipping and Receiving Bays	✓			

COMMENTS: NOTES, FINDINGS, POTENTIAL FOR POLLUTED RUNOFF

For Storm Water Pollution Prevention Program use only

Enforcement Referral:

Date: _____

Initials: _____

TABLE OF BUSINESS CLASSIFICATIONS

COMMERCIAL				INDUSTRIAL			
ID	Business Class	ID	Business Class	SIC	Industry Type	SIC	Industry Type
	Auto Care/Fueling		Paint / Coatings	24XX	Timber	4952	Treatment Plants
	Airplane Care/Fueling		Botanical Exhibit	26XX	Paper	20XX	Food Products
	Boat Care/Fueling		Landscaping	28XX	Chemical	22XX	Textile
	Auto Body Repair		Nursery / Greenhouse	29XX	Asphalt / Lubricants	25XX	Furniture
	Auto Parking / Storage		Golf, Park, Cemetery	32XX	Glass, Clay, Cement	27XX	Printing
	Fuel Stations		Pool/Pond Maint	33XX	Primary Metals	30XX	Rubber / Plastic
	Pest Control		Marina	14XX	Mineral Mining	31XX	Leather
	Food Establishment		Septic / Potty Service	49XX	Haz Waste / Landfill	34XX	Metal Shaping
	Fabric Carpet Care		Shopping town	5015	Auto Salvage / Scrap	35,37XX	Machinery
	Cement Mix / Cut		General Office	40-43XX	Transportation	36XX	Electronics / Photo
	Masonry			37XX	Ship Building		
				45XX	Airport		

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

SAN DIEGO REGION

9771 CLAIREMONT MESA BOULEVARD, SUITE B

SAN DIEGO, CA 92124-1331

TELEPHONE: (619) 467-2952

FAX: (619) 571-6972



FACSIMILE TRANSMITTAL

TO:

FAX Phone No. (619) 550-8752

Name MARTY KING

Title/Section ENVIRONMENTAL HEALTH & SAFETY

Agency IDEC PHARMACEUTICALS

Address 11011 TORREYANA RD

Telephone No. (619) 550-8671 Calnet 8-

FROM:

Date 09/29/95 Time Sent 2:10 p.m.

Sender FRANK MELBOURN

California Regional Water Quality Control Board
San Diego Region
9771 Clairemont Mesa Blvd., Suite B
San Diego, CA 92124-1331

Telephone No. (619) 467-2973 Calnet 8-734

Number of Pages transmitted (including cover sheet) THREE (3)

COMMENTS:

In the area marked "STATE USE ONLY" of page one of the Notice of Intent you will find the State Water Resources Control Board's label indicating that the permit was issued. Also on the first page is this office's date stamp, showing we received your NOI.

PLEASE NOTIFY FAX RECIPIENT IMMEDIATELY

If there are any problems receiving this transmittal or if all pages are not received, please contact sender at (619) 467-2952 or Calnet 8-734-2952

A copy of the original was mailed on 09/29/95.
FTM

MESSAGE CONFIRMATION

09/29/95 14:17
ID=STATE OF CA CWQCB

NO.	MODE	BOX	GROUP
037	TX		

DATE/TIME	TIME	DISTANT STATION ID	PAGES	RESULT	ERROR PAGES	S. CODE
09/29 14:15	01'23"	619 550 8752	003/003	OK		0000



11011 TORREYANA ROAD
SAN DIEGO, CALIFORNIA 92121
619/550-8500 • FAX 619/550-8750

June 26, 1995

Sara Giobbi
San Diego Regional Water Board
9771 Clairemont Mesa Blvd.
Suite B
San Diego, CA 92124

RECEIVED

JUN 27 1995

SAN DIEGO REGIONAL WATER
QUALITY CONTROL BOARD

Dear Sara,

Enclosed you will find the Stormwater report for 1994-95 for IDEC. Please do not hesitate to call me at 550-8671 if you have any questions. Thank you.

Sincerely,

A handwritten signature in cursive script that reads "Marty King".

Marty King
Environmental Health and Safety Supervisor

Attachment

Hazardous materials stored in the South-East corner of the building present some potential for contamination of storm water run-off. Contamination would only be present following a catastrophic event such as a fire. Under normal conditions, the potential for contamination is extremely limited. All hazardous materials are stored within the confines of the buildings, and the dispensing of chemicals in this area is prohibited.

The inventory of hazardous materials primarily includes flammables and corrosives. A small amount of other types of chemicals may also be present. Flammable liquid and corrosives cabinets are used within each building to provide primary containment. The buildings themselves are equipped with sumps that provide secondary containment (1000 gal. per building). Tertiary containment is provided by a cement berm that surrounds the buildings (11 inches in height). Several drain lines service the area enclosed by the berm. These drain lines are equipped with removable polypropylene plugs to prevent runoff from entering the outfall lines.

The buildings themselves are modular in nature, and have been designed with hazardous materials in mind. Diagrams of the buildings are attached.

The buildings include the following equipment and features:

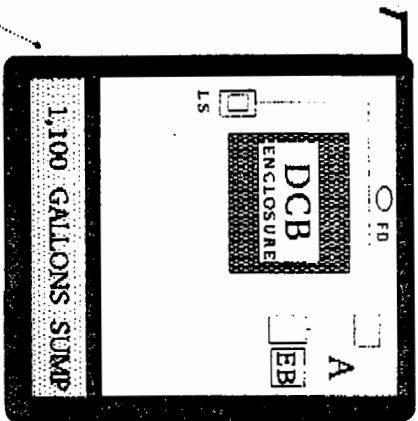
- * Grounding connectors to dissipate static electricity.
- * Seismic restraints.
- * A fire rated venting system.
- * A floor sump with a capacity of 1000 gallons .
- * An automatic dry chemical fire suppression system with 3000 cubic feet of dump capacity dry chemical.
- * A secondary fire suppression system consisting of a deluge water sprinkler system pre-plumbed to the exterior of the building.
- * An alarm system consisting of an exterior audible alarm, with a link to the centralized security system.

In addition to the hazardous materials located at the southeast corner of the building there is an emergency diesel generator. This generator contains 500 gallons of diesel fuel and test run each week. This generator is surrounded by a berm (23.5' by 14.5' by 9" inches"). The potential for contamination of storm water from the generator is extremely low.

"B-2" OCCUPANCY

ORM / WASTE CHEMICAL STORAGE LOCKER

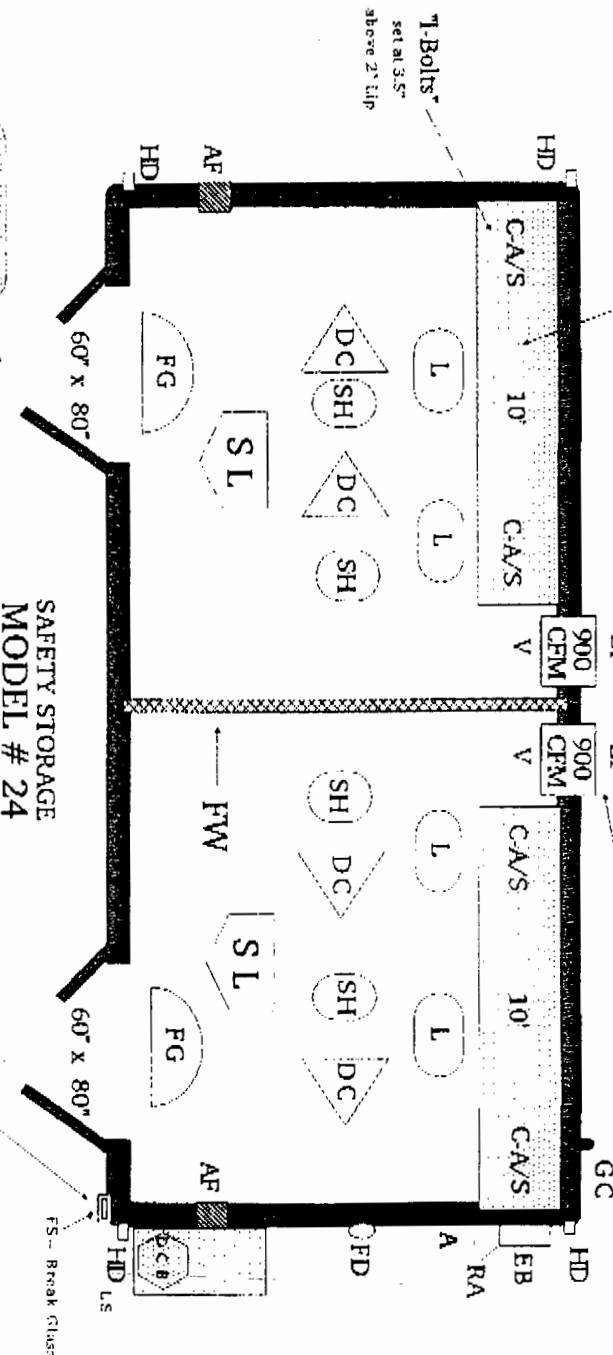
"RIGHT VIEW"



7" SILL HEIGHT AT SUMP =
CUSTOM FOR SPRINKLERS

C/A/S = 2 ROWS w/ earthquake supports
set just 3.5" above the 2" lips

CUSTOM EXHAUST
EXTENSION AS
REQUIRED

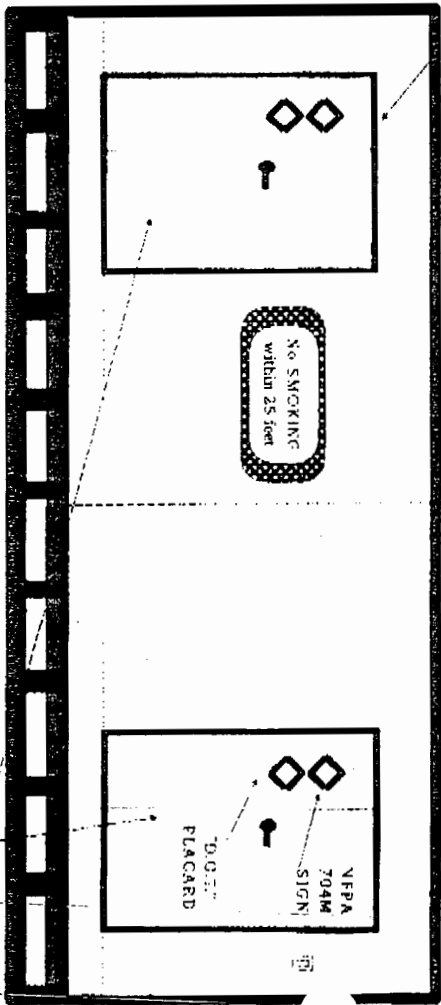


MEETS
FEDERAL
WHEELCHAIR
ACCESS
REQUIREMENTS
24' & 36" - 60"

Exterior = 25'3.75" LENGTH x 11'5.25" WIDE x 8'8" HEIGHT
Interior = 24'7.5" LENGTH x 10'8.25" WIDE x 7'3.25" HEIGHT

SAFETY STORAGE
MODEL # 24

- LEGEND**
- A: AUGE BLE ALARM ON EXTERIOR (DC/DCB)
 - C/A/S: CUSTOM ADJ. SHELVING w/ 2" LIP & 1" BOLT
 - CFM: CUBIC FEET / MINUTE
 - DC: DRY CHEMICAL BOTTLE HEAD
 - DCB: DRY CHEMICAL BOTTLE PLACEMENT
 - EB: ELECTRICAL BREAKER BOX (120V/20A SINGLE PHASE)
 - EF: EXHAUST FAN, EXTERIOR
 - FG: FIBERGLASS FLOORGRATING
 - FD: FIRE DEPT. 2.5" HOOK UP
 - FS: FAN SWITCH, EXTERIOR w/ BREAK-GLASS SEPARATION WALL 2-HOUR FIRE RATED
 - GC: GROUNDING CONNECTION (EXT.)
 - HD: HOLD-DOWN BRACKETS (SEISMIC BRACE)
 - L: EXP.-PROOF LIGHT (CLASS I, DIV. 1)
 - LS: LIGHT SWITCH (CLASS I, DIV. 1)
 - RA: REMOTE ANNUNCIATION VIA PRY CONTACTS
 - SH: SPRINKLER HEADS (37 GPM)
 - SL: SUMP LINER IN SUB-FLOOR AREA
 - V: VENTILATION, ELECTRO-MECHANICAL
- CLASS I, DIV. 1-EXP. PROOF



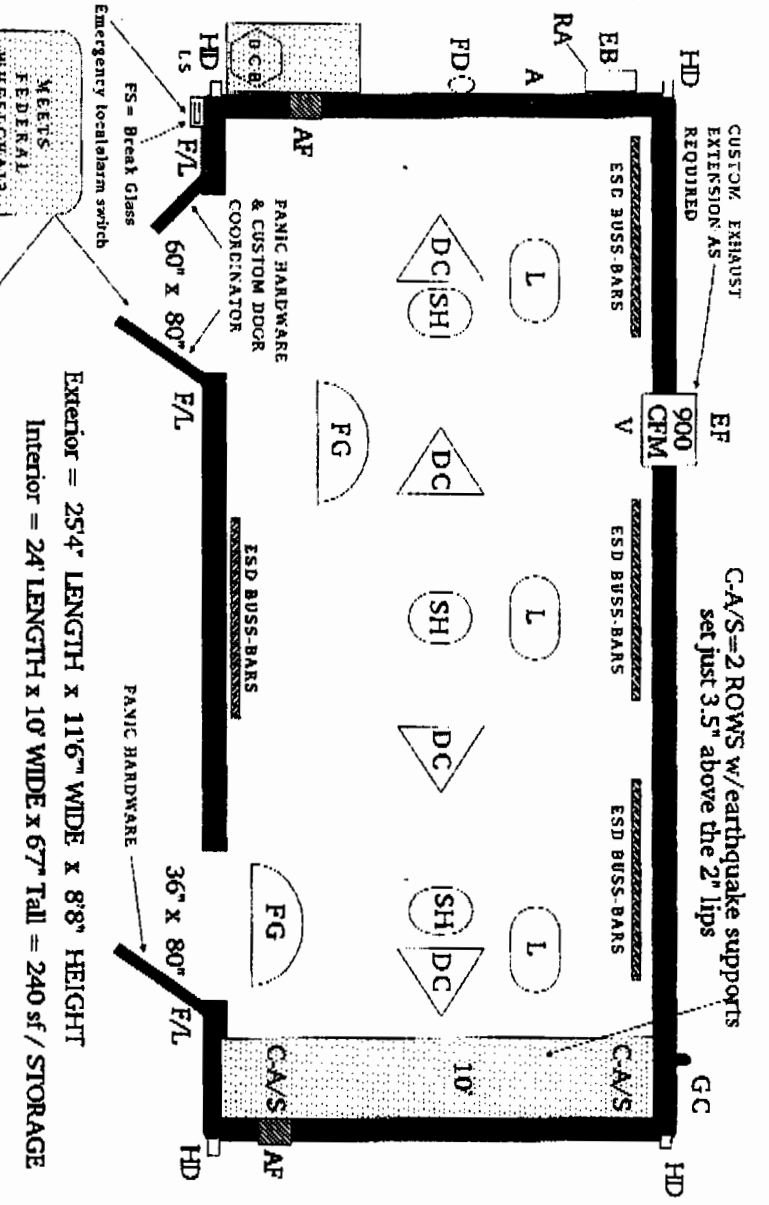
"NON-FIRE RATED" DOORS

(800) 367-0200
DIANE MALER

ENTITY: IDEC Pharmaceutical Corp.
LA JOLLA, CALIF.

X
ACCEPTED FOR PRODUCTION

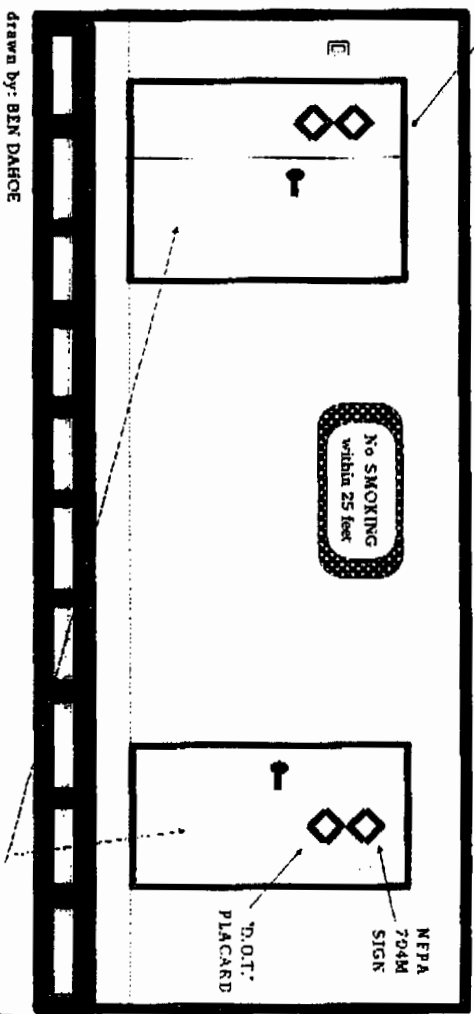
CHEMICAL STORAGE LOCKERS (2-HOUR FIRE RATED)



MEETS FEDERAL WHEELCHAIR ACCESS REQUIREMENTS
 24" x 35" = 60"

NO RIVETED OR FIRE RETARDANT CONSTRUCTION

DATE: 11 / 23 / 92



NO RIVETED OR FIRE RETARDANT CONSTRUCTION

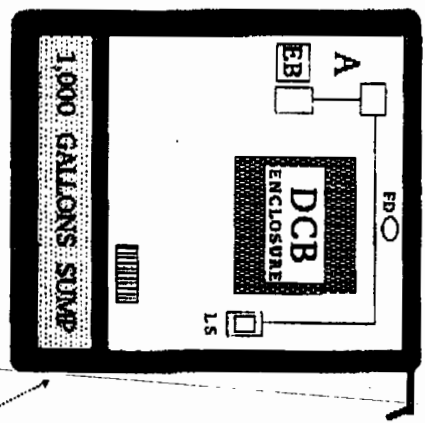
drawn by: BEN DAHOE

ENTITY: IDEC Pharmaceutical Corp.
 LA JOLLA, CALIF.

(800) 367-0200
 DIANE MALER

"H-3" OCCUPANCY

"LEFT VIEW"
 FACTORY MUTUAL APPROVED
 "2-HOUR FIRE RATED" ROOF



7" SILL HEIGHT AT SUMP = "2-HOUR FIRE RATED"

X ACCEPTED FOR PRODUCTION

LEGEND

- A: AUDIBLE ALARM ON EXTERIOR (DC/DCB)
- AF: AIR INLET- 1.5-HOUR FIRE RATED
- C.A/S: CUSTOM ADJ. SHELVING w/ 2" LIP & 1-BOLT
- CFM: CUBIC FEET / MINUTE
- DC: DRY CHEMICAL DUMP HEAD
- DCB: DRY CHEMICAL BOTTLE PLACEMENT
- EB: ELECTRICAL BREAKER BOX (120V/20A SINGLE PHASE)
- EF: EXHAUST FAN, EXTERIOR
- FD: FIRE DEPT. 2.5" HOOK-UP
- FG: FIBERGLASS FLOORGRATING
- F/L: FUSIBLE LINKED AUTO-CLOSURES
- FS: FAN SWITCH, EXTERIOR W/BREAK GLASS
- GC: GROUNDING CONNECTION (EXT.)
- HD: HOLD-DOWN BRACKETS (SEISMIC BRACE)
- L: EXP.-PROOF LIGHT (CLASS I, DIV. 1)
- LS: LIGHT SWITCH (CLASS I, DIV. 1)
- RA: REMOTE ANNUNCIATION VIA DRY CONTACTS
- SH: SPRINKLER HEADS (37 GPM)
- V: VENTILATION, ELECTRO-MECHANICAL CLASS I, DIV. 1, EXP. PROOF

Chemical Name	CASNO	Class	Quantity	unit	Location	miscella	Addl class	class 3
6-Aminocaproic Acid	60-32-2	CORR-S	100	g	Anal Ch			
ABTS Diammonium salt tabs		ORM-S	25	mg	Anal Ch			
Acetone	67-64-1	FL-IB	4	l	Anal Ch			
Acetonitrile	75-05-8	FL-IB	16	l	Anal Ch			TOXIC
Acetyluramic Acid	131-48-6	CORR-S	550	mg	Anal Ch			
Aminoethyl-8-(n-iodoethyl)trifluoroacetate		TOXIC	2	g	Anal Ch	roaceta		
Ammonium Bicarbonate	1066-33-7	IRR-S	1	kg	Anal Ch			
Ammonium Carbonate	506-87-6	IRR-S	500	g	Anal Ch			
1-Butanol	71-36-3	FL-IC	4	l	Anal Ch			
1-Octanol	111-87-5	COM IITA	2	l	Anal Ch			
2,4,6, trinitrobenzene sulfonic acid		CORR-S	25	g	Anal Ch			
2-Mercaptoethanol	60-24-2	COM IITA	100	ml	Anal Ch			High Tox
5,5' dithiobis(2-nitrobenzoic Acid)	69-78-3	CORR-S	10	g	Anal Ch			
5,5' dithiobis(4-nitrobenzoic Acid)	69-78-3	CORR-S	10	g	Anal Ch			
Ammonium hydroxide	1336-21-6	CORR-L	500	ml	Anal Ch			
Ammonium Sulfate	7783-20-2	IRR-S	2	KG	Anal Ch			
Beta Propiolactone	57-57-8	High Tox	1	g	Anal Ch	Carcin		
Bis Tris		IRR-S	500	g	Anal Ch			
Calcium Chloride Dihydrate	10035-0408	IRR-S	500	g	Anal Ch			
Citric Acid	77-92-9	CORR-S	500	g	Anal Ch			
Coomassie Brilliant Blue	6104-58-1	ORM-S	25	g	Anal Ch			IRR-S
Cupric Sulfate Pentahydrate	7758-99-8	TOXIC	500	g	Anal Ch			
D,L, Dithiotretol		ORM-L	10	g	Anal Ch			
Dicyclohexylcarbodiimide	538-75-0	High Tox	25	g	Anal Ch			CORR-S
Diethanolamine	111-42-2	FL-1B	500	g	Anal Ch			
Diethylmetriaminopentaacetic Acid	67-43-6	CORR-S	20	g	Anal Ch			Carcin
Dimethyl Sulfoxide	67-68-5	COM IITB	200	ML	Anal Ch			
Dimethylformamide, N,N	68-12-2	COM IITB	200	ML	Anal Ch			IRR
Dinitrophenyl Hydrazine	119-26-6	FL-Solid	100	g	Anal Ch			IRR-S
Drierite	7773-18-9	IRR-S	7	lb	Anal Ch			Un re 1
EDAC		ORM-S	3	g	Anal Ch			
glycerol	56-81-5	ORM-L	2	l	Anal Ch			
Guanidine Hydrochloride	50-05-1	Toxic	1	kg	Anal Ch			IRR-S
Helium	7440-59-7	NFG	250	cuft	Anal Ch			
Hydrochloric Acid	7647-01-0	CORR-L	500	ml	Anal Ch			
Hydrogen Peroxide	7722-84-1	OXY-L	100	ml	Anal Ch	Class 2		
Hydroxysuccinimide	6066-82-6	IRR-S	25	g	Anal Ch			
Iodoacetamide	144-48-9	Toxic	25	g	Anal Ch			IRR-S
Iodoacetic Acid, Sodium Salt	305-53-3	TOXIC	25	g	Anal Ch			IRR
Isoopropanol/Isopropyl/2-Propanol		FL-1B	4	l	Anal Ch			

ALL LISTED MATERIALS ARE LABORATORY CHEMICALS AND ARE STORED WITHIN THE INDIVIDUAL LABS, E.G. ANALYTICAL CHEMISTRY, OR WITHIN THE CONFINES OF A STORAGE UNIT LOCATED IN THE SOUTHERST CORNER OF THE PROPERTY.

THERE HAS BEEN NO VEST SIGNIFICANT LEAK,

Magnesium Chloride Hexahydrate	7791-18-6	IRR-S	500 g	Anal Che	
Magnesium Chloride Tetrahydrate		IRR-S	1 kg	Anal Che	
Mercaptoethanolamine		COM TITA	10 g	Anal Che	
Methotrexate		High tox	250 mg	Anal Che	Partage
Methoxy Benzoyl Chloride	100-07-2	ORG PER	100 g	Anal Che	
Methyl-Alpha-D-Mannopyranoside		ORM-S	100 g	Anal Che	
Ninhydrin	485-47-2	IRR-S-S	25 g	Anal Che	
Nitric Acid	52583-42-3	OXY-L	500 ml	Anal Che	Class 1
Nitrophenyl-a-D-glucopyranoside	10139-02-3	ORM-S	1500 g	Anal Che	
Nitrophenyl-a-D-mannopyranoside		ORM-S	500 mg	Anal Che	
Potassium Borohydride	13752-51-1	OXY-S	100 g	Anal Che	Class 2
Potassium chloride	7447-40-7	ORM-S	500 g	Anal Che	Fl-solid
Potassium hydroxide	1310-58-3	CORR-S	1 kg	Anal Che	
Potassium periodate	7790-21-8	ORM-S	500 g	Anal Che	
Potassium Permanganate	7722-64-7	OXY-S	500 g	Anal Che	Class 1
					CORR-S

ChemicalName	CASNo	Class	Quantity	unit	Location	miscella	Addlclass	Class 3
Potassium Phosphate dibasic	7758-11-4	ORM-S	500	g	Anal Che			
Potassium Phosphate Monobasic	7778-77-0	ORM-S	1	kg	Anal Che			
Potassium Tartarate Hemihydrate		ORM-S	500	g	Anal Che			
Propionic Acid	79-09-4	CORR-L	500	ml	Anal Che	fp 125		
Pteric Acid	119-24-4	CORR-L	50	mg	Anal Che	hygrosc		
Pyridine	110-86-1	FL-1B	500	ml	Anal Che		TOXIC	
Sodium Acetate Trihydrate	12333380-2	ORM-S	1	kg	Anal Che			
Sodium Azide	26628-22-8	High Tox	100	g	Anal Che			
Sodium Bicarbonate	144-55-8	CORR-S	500	g	Anal Che			
Sodium Borate Decahydrate	497-19-8	ORM-S	500	g	Anal Che	(Borax)		
Sodium Carbonate	497-19-8	CORR-S	500	g	Anal Che			
Sodium Chloride	7647-14-5	ORM-S	3	kg	Anal Che			
Sodium Cyanoborohydrate	25895-60-7	High Tox	50	g	Anal Che			
Sodium Dodecyl Sulfate	151-21-3	OXY-S	250	g	Anal Che	Class 1	CORR-S	Water Re
Sodium Perchlorate	7601-89-0	OXY-S	500	g	Anal Che	Class 1		
Sodium Phosphate Dibasic	7558-79-4	ORM-S	1	kg	Anal Che			
Sodium Phosphate Monobasic Dihydr		ORM-S	500	g	Anal Che			
Sodium Sulfite	7757-83-7	ORM-S	500	g	Anal Che			
Sucrose		ORM-S	1	kg	Anal Che			
Sulfuric Acid	7664-93-9	CORR-L	500	ml	Anal Che		OXY	
Tetramethylbenzidine Hydrochlor		SEMS	100	mg	Anal Che			
Trichloroacetic Acid	76-03-9	CORR-S	500	g	Anal Che			
Trifluoroacetic Acid	76-05-1	CORR-S	100	ml	Anal Che			
Tris (Hydroxymethylaminomethane)	77-86-1	IRR-S	2	kg	Anal Che			
1,3-diisopropylcarbodiimide	693-13-0	FL-1C	300	ml	BC	fp 93	High Tox	
1,4 Dioxane	123-91-1	FL-1B	1	l	BC			
1-hydroxybenzotriazolenehydrate	12333353-9	IRR-S	20	g	BC			
2,2'-azino-bis(ethylene thiazoli		CORR-S	10	g	BC	ne sulfo		
2,2'-azino-bis(ethylene thiazoli		CORR-S	10	g	BC	ne sulfo		
4-Aminobenzoic acid	150-13-0	IRR-S	10	g	BC			
5 Aminovaleric acid	660-88-8	CORR-S	5	g	BC			
5-Sulfosalicylic acid	5965-83-3	CORR-S	250	g	BC			
8-Hydroxyquinoline	148-24-3	IRR-S	80	g	BC			
Acetonitrile	75-05-8	FL-1B	4	l	BC		TOXIC	
Acrylamide	76-06-1	Toxic	500	g	BC		Un re 2	
Acrylamide	76-06-1	Toxic	500	g	BC		Un re 2	
Amberlite		ORM-S	180	g	BC			
Amido Black		CORR-S	20	g	BC			
Aminobenzamide	37132-68-6	TOXIC	1	g	BC			
Ammonium Acetate	631-61-8	IRR-S	2000	g	BC			

Ammonium chloride	12125-02-9	IRR-S	400 g	BC	
Ammonium persulfate	7727-54-0	OXY-S	100 g	BC	
Ammonium sulfate	7783-20-2	IRR-S	1 kg	BC	class 1
Ammonium thiocyanate	1762-95-4	High Tox	450 g	BC	
Anisole, anhydrous	100-66-3	IRR-S	90 ml	BC	
Anisole, anhydrous	100-66-3	IRR-S	90 ml	BC	
Benzoyl chloride	98-88-4	CORR-S	1 l	BC	
Benzyl alcohol	100-51-6	COM IIB	500 ml	BC	
Bicinchonic acid		CORR-S	5 g	BC	
bis-Tris		IRR-S	250 g	BC	
Boric Acid	10043-35-3	CORR-S	500 g	BC	
Bromophenol Blue	115-39-9	IRR-S	15 g	BC	
Calcium chloride dihydrate	10035-04-8	IRR-S	500 g	BC	
Carbon Dioxide		NF6	93 cuft	BC	
Chloroform	365-49-6	TOXIC	1 l	BC	

Toxic

ChemicalName	CASNo	Class	Quantity	unit	Location	miscella	Addtlclass	Class 3
Cholic acid sodium salt		CORR-S	500	g	BC			
Citric acid	77-92-9	CORR-S	1000	g	BC			
CM - Sepharose		IRR-S	500	g	BC			
Cobalt (II) Nitrate hexahydrate	10026-22-9	OXY-S	80	g	BC	class 2	IRR-S	
Cobalt (II) thiocyanate	3017-60-5	OXY-S	25	g	BC	class 1		
Cupric Sulfate 5-hydrate	7758-93-8	IRR	500	g	BC		TOXIC	
Cupric Sulfate 5-hydrate	7758-93-8	IRR	500	g	BC		TOXIC	
Cyclohexylaminopropanesulfonic	1135-40-6	CORR-S	100	g	BC			
Deoxycholic acid	83-44-3	CORR-S	500	ml	BC			
EDPA	60-00-4	COM II	130	g	BC			
Ethidium Bromide	1239-45-8	High Tox	1	g	BC		MUTAGEN	
Ethyl acetate	141-78-6	FL-IB	1	l	BC			
Ferric chloride	7705-08-0	CORR-L	100	g	BC	hygrscop		
Glycerin	56-81-5	ORM-L	5	ml	BC			
Glycerol	56-81-5	ORM-L	2	l	BC			
Guanidine		Toxic	500	g	BC			
Guanidine hydrochloride	50-01-1	IRR	1000	g	BC		TOXIC	
HEPES	7355-45-9	COM IIIB	500	g	BC			
Hydroxyapatite		COM III	500	ml	BC			
Imidazole	288-32-4	CORR-S	50	g	BC			
Iodine	7553-56-2	High Tox	5	g	BC		CORR-S	
Iodoacetic acid, sodium salt	305-53-3	TOXIC	25	g	BC		IRR	
Iron (II) sulfide		IRR-S	250	g	BC			
L-Ascorbic Acid	50-81-7	CORR-S	500	g	BC			
L-histidine	71-00-1	ORM-S	500	g	BC			
Magnesium chloride	7785-30-3	IRR-S	400	g	BC			
Mercuric Acetate	1600-27-7	TOXIC	100	g	BC			
Molecular sieves	70955-01-0	IRR	1	kg	BC			
N,N-Methylene-bis-acrylamide	110-26-9	TOXIC	100	g	BC		IRR-S	
Octanoic acid	124-07-2	CORR-S	250	g	BC			
Phosphomolybdic acid	51429-74-4	CORR-S	2	g	BC		OXY	
Pluromic		IRR-L	300	ml	BC			
Polyethylene glycol	25322-68-3	COM IIIA	250	g	BC			
Polyethylene glycol	25322-68-3	COM IIIA	500	g	BC			
Poncau s concentrate	6226-78-4	IRR	15	ml	BC			
Potassium chloride	7447-40-7	ORM-S	500	g	BC			
Potassium cyanide	151-50-8	High Tox	100	g	BC			
Potassium ferricyanide	13746-66-2	High Tox	100	g	BC			
Potassium hydroxide	1310-53-3	CORR-S	1	kg	BC			
Potassium Phosphate, dibasic	7758-11-4	ORM-S	1	kg	BC			

Potassium phosphate, monobasic	7778-77-0	ORM-S	1	kg	BC	
Sephadex	9041-35-4	ORM-S	5	g	BC	
Sodium Acetate		ORM-S	500	g	BC	
Sodium acetate	127-09-3	ORM-S	2000	g	BC	
Sodium azide	26528-22-8	High Tox	500	g	BC	
Sodium bicarbonate	144-55-8	CORR-S	5	lb	BC	
Sodium borate	133-43-4	OXY-S	300	g	BC	IRR-S
Sodium carbonate 1-hydrate		CORR-S	1	kg	BC	
Sodium Citrate	68-04-2	ORM-S	250	g	BC	
Sodium dodecyl sulfate (SDS)	151-21-3	OXY-S	500	g	BC	class 1
Sodium hydroxide	1310-73-2	CORR-S	5	g	BC	
Sodium hydroxide	1310-73-2	CORR-S	500	g	BC	
Sodium nitroferrocyanide dihydrate	13755-38-9	High Tox	5	g	BC	
Sodium perchlorate	7601-89-0	OXY-S	500	g	BC	
Sodium phosphate	7553-80-7	ORM-S	3	lb	BC	Class 1

4 IDEC Pharmaceuticals Chemical Inventory

ChemicalName	CASNo	Class	Quantity	unit	Location	miscella	Addtlclass	Class 3
Sodium phosphate dibasic	7558-79-4	ORM-S	200	g	BC			
Sodium phosphate, monobasic	7558-80-7	ORM-S	500	g	BC			
Sodium Sulfate	7757-82-6	ORM-S	150	g	BC			
Sodium Tartrate, 2 hydrate	6106-24-7	IRR	300	g	BC			
Sodium thiosulfate	7772-98-7	IRR-S	250	g	BC			
Trichloroacetic acid	75-03-9	CORR-S	200	g	BC			
Tris	77-86-1	IRR-S	20	g	BC			
TWEEN	9005-64-5	COM IIIB	400	ml	BC			
TWEEN	9005-64-5	COM IIIB	1	l	BC			
UREA	57-13-6	IRR-S	100	g	BC			
1-Octanol	111-87-5	COM IIIA	1	l	Bulk			
Acetic acid, glacial	64-19-7	CORR-L	8	G	Bulk			
Acetone	67-64-1	FL-1B	35	L	Bulk			
Acetonitrile	75-05-8	FL-1A	12	L	Bulk			
Ammonium sulfate , Grade III	7783-20-2	IRR-S	1000	g	Bulk			
Citric acid	77-92-9	CORR-S	2000	g	Bulk			
Diethylenetriaminopentacetic aci	67-43-6	CORR-S	100	g	Bulk			
Dimethyl Sulfoxide	67-68-5	COM IIIB	500	ml	Bulk			
Ethanol	64-17-5	FL-1B	4	G	Bulk			
Ethyl Acetate	141-78-6	FL-1B	4	L	Bulk			
Ethyl alcohol	64-17-5	FL-1B	25	G	Bulk			
Ethyl Alcohol	64-17-5	FL-1B	25	G	Bulk			
Glycine	56-40-6	ORM-S	24	kg	Bulk			
Hydrochloric acid	7647-01-0	CORR-L	25	L	Bulk			
Isopropyl alcohol	67-63-0	FL-1B	16	G	Bulk			
Methanol	67-56-1	FL-1B	36	L	Bulk			
Potassium chloride	7447-40-7	ORM-S	1500	g	Bulk			
Potassium phosphate, monobasic	7778-77-0	ORM-S	1000	g	Bulk			
Pyridine	110-86-1	FL-1B	500	ml	Bulk			
Sodium Acetate	127-09-3	ORM-S	5	lb	Bulk			
Sodium bicarbonate	144-55-8	CORR-S	12	kg	Bulk			
Sodium chloride	7647-14-5	ORM-S	30	kg	Bulk			
Sodium hydroxide	1310-73-2	CORR-S	7000	g	Bulk			
Sodium hydroxide solution	1310-73-2	CORR-L	12	L	Bulk			
Sodium phosphate dibasic hepa		ORM-S	4000	g	Bulk			
Sodium phosphate, monobasic	7558-80-7	ORM-S	2	kg	Bulk			
Tris	77-86-1	IRR-S	7	kg	Bulk			
Urea	57-13-6	IRR-S	9	kg	Bulk			
Protein Destain Solution		OXY-L	2	l	Class 1			
Bleach		OXY-L	20	gal	Facility			

fp >235

fp >235

Carcin
IRR

1-Butanol	71-36-3	FL-1C	1	1	Gene Ex	fp 95
2-propanol	67-63-0	FL-1B	4	1	Gene Ex	
Acetic acid, glacial	64-19-7	CORR-L	1	1	Gene Ex	
Acetone	67-64-1	FL-1B	1	L	Gene Ex	
Acrylamide	76-06-1	Toxic	500	g	Gene Ex	Un re 2
Ammonium hydroxide	1336-21-6	CORR-L	500	ml	Gene Ex	
Ammonium persulfate	7727-54-0	OXY-S	100	g	Gene Ex	
Ammonium sulfate	7783-20-2	IRR-S	500	g	Gene Ex	
bis-acrylamide		Toxic	25	g	Gene Ex	
Boric acid	10043-35-3	CORR-S	15	kg	Gene Ex	
Bromophenol Blue	115-39-9	IRR-S	25	g	Gene Ex	
Calcium chloride	10043-52-4	IRR-S	500	g	Gene Ex	
Cesium chloride	7647-17-8	OXY-S	1	kg	Gene Ex	Class 1
Chloroform	865-49-6	Toxic	1	1	Gene Ex	
Chromic-Sulfuric Acid Cleaner		CORR-L	18	1	Gene Ex	

ChemicalName	CASNo	Class	Quantity	unit	Location	miscella	Addtclass	Class 3
Dimethyl sulfoxide	67-68-5	COM IIIB	100	ml	Gene Ex		IRR	
EDPA	60-00-4	COM II	1000	g	Gene Ex			
Ethidium bromide	1239-45-8	High Tox	5	g	Gene Ex		MUTAGEN	
Ethyleneglycolthiosalicylic acid	54-64-8	High Tox	25	g	Gene Ex		IRR	
Formamide	75-12-7	COM IIIB	100	ml	Gene Ex			
Geneticin		ORM-S	25	g	Gene Ex			
Glycerin	56-81-5	ORM-L	500	ml	Gene Ex			
Glycine	56-40-6	ORM-S	1	kg	Gene Ex			
Guanidine Thiocyanate	593-84-0	IRR-S	250	g	Gene Ex			
Hydrochloric Acid	7647-01-0	CORR-L	500	ml	Gene Ex			
Hydrochloric Acid (1N)	7647-01-0	CORR-L	1	l	Gene Ex			
Isoamyl alcohol	123-51-3	COM II	100	ml	Gene Ex			
Magnesium Acetate	16674-78-5	ORM-S	500	g	Gene Ex			
Magnesium chloride	7786-30-3	ORM-S	500	g	Gene Ex			
Methanol	67-56-1	FL-1B	12	l	Gene Ex			
MOPS	1132-61-2	IRR-S	100	g	Gene Ex			
Potassium Acetate	127-08-2	ORM-S	1	kg	Gene Ex			
Potassium chloride	7447-40-7	ORM-S	500	g	Gene Ex			
Potassium phosphate		ORM-S	500	g	Gene Ex			
Potassium phosphate, monobasic	7778-77-0	ORM-S	500	g	Gene Ex			
Rubidium chloride	7791-11-9	OXY-S	10	g	Gene Ex		Class 1	
Sodium acetate	127-09-3	ORM-S	500	g	Gene Ex		Class 1	
Sodium azide	26628-22-8	High Tox	100	g	Gene Ex			
Sodium bicarbonate	144-55-8	CORR-S	500	g	Gene Ex			
Sodium carbonate	497-19-8	CORR-S	500	g	Gene Ex			
Sodium chloride	7647-14-5	ORM-S	2	kg	Gene Ex			
Sodium citrate	68-04-2	ORM-S	500	g	Gene Ex			
Sodium dodecyl sulfate (SDS)	151-21-3	OXY-S	100	g	Gene Ex		Class 1	
Sodium hydroxide	1310-73-2	CORR-S	500	g	Gene Ex			
Sodium phosphate	7558-80-7	ORM-S	500	g	Gene Ex			
Sodium phosphate, monobasic	7558-80-7	ORM-S	500	g	Gene Ex			
THAM		ORM-S	1	kg	Gene Ex			
Triton X 100		IRR	100	ml	Gene Ex			
TWEEN	9005-64-5	COM IIIB	500	ml	Gene Ex			
UREA	57-13-6	IRR-S	500	g	Gene Ex			
Xylene cyanole FF		IRR-S	10	g	Gene Ex			
Liquid Nitrogen		CRYO	205	cutt	general			
1-Butanol	71-35-3	FL-1B	1	l	MB			
1-Methylimidazole/1MHZ		FL-1B	30	ml	MB			
2-Mercaptoethanol	50-24-2	COM IIIA	100	ml	MB		High Tox	

Acetic Acid, glacial	64-19-1	CORR-L	10	1	l	MB
Acetic Anhydride/Butadiene/THF		CORR	900	ml		MB
Acetonitrile	75-05-8	FL-IB	8	1	l	MB
Acrylamide	76-06-1	Toxic	3	lb		MB
Albumin		ORM-S	250	g		MB
Ammonium Acetate	631-61-8	IRR-S	3	lb		MB
Ammonium bicarbonate	1066-33-7	IRR-S	1	kg		MB
Ammonium hydroxide	1336-21-6	CORR-L	500	ml		MB
Ammonium persulfate	7727-54-0	OXY-S	700	g		MB
Ammonium phosphate	7783-28-0	IRR-S	500	g		MB
Ammonium Sulfate	7783-20-2	IRR-S	3	kg		MB
bis-Acrylamide		Toxic	100	g		MB
Blue Dextran		SENS	50	mg		MB
Boric Acid	10043-35-3	CORR-S	10	lb		MB
Bromophenol Blue	115-39-9	IRR-S	10	g		MB

Class 1

TOXIC
Un re 2

5 IDEC Pharmaceuticals Chemical Inventory

ChemicalName	CASNo	Class	Quantity	unit	Location	miscella	Addtclass	Class 3
Buffer Solutions								
Calcium chloride dihydrate	10035-04-8	ORM-L	2	1	MB			
Casein	9000-71-9	IRR-S	500	g	MB			
Casein hydrolysate	9000-71-9	Toxic	1	kg	MB			
Cesium Chloride	7647-17-8	Toxic	1	kg	MB			
CH Sepharose 4B		OXY-S	4	kg	MB	Class 1		
Chloroamphenicol		IRR-S	15	g	MB			
Chloroform	865-49-6	SENS	5	g	MB			
Chloroquinoline		TOXIC	1	1	MB			
Cleaning Solution		IRR-S	50	g	MB			
CNBr Sepharose 4B		CORR-L	3	gal	MB			
Cobaltic Hexamine chloride		IRR-S	15	g	MB			
Coomassie Brilliant Blue		OXY-S	25	g	MB			
DEAE - Cellulose	6104-58-1	IRR-S	10	g	MB			
DEAE - Dextran		ORM-S	600	g	MB			
Deoxycholic acid, sodium salt		ORM-S	10	g	MB			
Dextran Sulfate sodium salt		CORR-S	5	g	MB			
Diethyl pyrocarbonate	1609-47-8	ORM-S	110	g	MB			
Diethylaminoethyl cellulose		Toxic	25	ml	MB			
Dimethyl Sulfoxide		ORM-S	500	g	MB			
Disodium EDTA	67-68-5	COM IIIB	1	1	MB		IRR	
DL-Dithiothreitol	6381-92-6	IRR-S	3	kg	MB			
Drierite		IRR-S	3	g	MB			
EDTA	7778-18-9	IRR-S	10	lb	MB			
EGTA	60-00-4	IRR	1	kg	MB			
Ethanol		IRR	1	kg	MB		COM II	
Ethidium Bromide	64-17-5	FL-IB	10	gal	MB			
Formamide	1239-45-8	IRR	10	g	MB		MPTAGEN	
Glutaraldehyde	75-12-7	COM IIIB	1	1	MB			
Glutathione	111-30-8	Toxic	20	ml	MB			
Glycerol	70-18-8	IRR-G	25	g	MB			
Glycine	56-81-5	ORM-L	400	ml	MB	reduced		
Guanidine Hydrochloric Acid	56-40-6	ORM-S	1	kg	MB			
Guanidine Isothiocyanate	50-01-1	CORR-S	1	kg	MB			
HEPES	7355-45-9	High Tox	1	kg	MB		IRR-S	
Hydrochloric Acid (.1N)	7647-01-0	COM IIIB	10	g	MB			
Hydrochloric Acid (1N)	7647-01-0	CORR-L	1	1	MB			
Iodoacetamide	7647-01-0	CORR-L	1	1	MB			
Iso-amyl alcohol	144-48-9	Toxic	10	g	MB			
Isopropyl alcohol	123-51-3	COM II	500	ml	MB			
	67-63-0	FL-IB	4	1	MB			

Lithium chloride	7447-41-8	OXY-S	3	lb	MB	
Magnesium Acetate	15674-78-5	ORM-S	1	kg	MB	
Magnesium chloride	7786-30-3	IRR-S	1	kg	MB	
Magnesium Sulfate	7487-88-9	ORM-S	1	kg	MB	
Maleic Acid	110-16-7	CORR-S	750	g	MB	
Methyl alcohol	67-56-1	FL-IB	1	l	MB	
MOPS	1132-61-2	IRR-S	200	g	MB	
Mycophenolic acid		CORR-S	500	mg	MB	
N-lauroylsarcosine sodium salt		ORM-S	500	g	MB	
p-aminobenzamide		toxic	1	g	MB	
Phenol	103-95-2	CORR	500	g	MB	
Phenol chloroform/isoamyl alcohol		CORR/FL	400	ml	MB	
Polyethylene glycol	25322-68-3	COM IIIA	500	g	MB	
Polyethylene glycol 8000	25322-68-3	COM IIIA	1	kg	MB	
Polyoxyethylene Sorbitan Mono	9005-65-6	FL-IB	1	l	MB	(Tween)

TOX

7 IDEC Pharmaceuticals Chemical Inventory

ChemicalName	CASNO	Class	Quantity	unit	Location	Miscella	Addtclass	Class 3
Polyvinylpyrrolidone	9003-39-8	ORM-S	50	g	NB			
Potassium Acetate	127-08-2	ORM-S	1	kg	NB			
Potassium bicarbonate	298-14-6	ORM-S	500	g	NB			
Potassium chloride	7447-40-7	ORM-S	2	kg	NB			
Potassium ferricyanide	13746-66-2	High Tox	1	kg	NB			
Potassium phosphate		ORM-S	500	g	NB			
Potassium phosphate, dibasic	7758-11-4	ORM-S	500	g	NB			
Potassium phosphate, monobasic	7778-77-0	ORM-S	500	g	NB			
Protamine sulfate		IRR-S	10	g	NB			
Sodium Azide	26628-22-8	High Tox	100	g	NB			
Sodium Bicarbonate	144-55-8	CORR-S	1	kg	NB			
Sodium Borate	1330-43-4	IRR-S	500	g	NB			
Sodium carbonate	497-19-8	CORR-S	500	g	NB			
Sodium chloride	7647-14-5	ORM-S/TR	12	lb	NB			
Sodium citrate	68-04-2	ORM-S	3	kg	NB			
Sodium dodecyl sulfate (SDS)	151-21-3	OXY-S	1	kg	NB			
Sodium hydroxide	1310-73-2	CORR-S	1	kg	NB			
Sodium hydroxide	1310-73-2	CORR-S	500	g	NB			
Sodium hydroxide (10N)	1310-73-2	CORR-L	2	l	NB			
Sodium Iodide solution	7681-82-5	IRR-L	125	ml	NB			
Sodium phosphate	7558-80-7	ORM-S	500	g	NB			
Sodium phosphate, dibasic	7558-79-4	ORM-S	500	g	NB			
Sodium phosphate, monobasic	7558-80-7	ORM-S	3	lb	NB			
Sodium phosphate, monobasic mono	10049-21-5	ORM-S	500	g	NB			
Sodium pyrophosphate	13472-36-1	IRR-S	500	g	NB			
Sodium Sulfite	7757-83-7	IRR-S	500	g	NB			
TEMED		FL-1B	200	ml	NB			
Tetrazole/Acetonitrile		FL-1B	750	ml	NB			
THAM		IRR-S	1500	g	NB			
TMF/N-methylimidazole		FL-1B	1500	ml	NB			
Trichloroacetic acid/dichloromet		CORR-S	2200	ml	NB	hane/FL		
Trifluoroacetic acid	76-05-1	CORR-S	500	ml	NB			
TRIZMA base		ORM-S	2	kg	NB			
UREA	57-13-6	IRR-S	5	kg	NB			
Carbon Dioxide	124-38-9	NFG	16000	cuft	mechanic			
Acetic acid	64-19-7	CORR-L	2	G	Media			
Bicine	150-25-4	ORM-S	100	g	Media			
Citric acid	77-92-9	CORR-S	3000	g	Media			
Glycine	56-40-6	ORM-S	12	kg	Media			
HEPES	7355-45-9	COM IIB	1	kg	Media			

Hydrochloric Acid	7647-01-0	CORR-L	1	G	Media	
L-Glutamine	56-85-9	ORM-S	100	g	Media	
Nitrogen	7727-37-9	NFG	4000	cuft	Media	
Potassium chloride	7447-40-7	ORM-S	1000	g	Media	
Potassium phosphate, monobasic	7778-77-0	ORM-S	1500	g	Media	
Silver nitrate	7761-88-8	OXY-L	500	ml	Media	Class 1 TOXIC
Sodium Acetate	127-09-3	ORM-S	500	g	Media	
Sodium bicarbonate	144-55-8	CORR-S	3	kg	Media	
Sodium chloride	7647-14-5	ORM-S	25	lb	Media	
Sodium hydroxide	1310-73-2	CORR-S	500	g	Media	
Sodium hydroxide solution	1310-73-2	CORR-L	1	L	Media	
Sodium phosphate dibasic heparny		ORM-S	1000	g	Media	
Sodium phosphate, monobasic	7558-80-7	ORM-S	1	kg	Media	
Tris	77-86-1	IRR-S	1	kg	Media	
Urea	57-13-6	IRR-S	3	kg	Media	

ChemicalName	CASNO	Class	Quantity	unit	Location	miscella	Addtclass	Class 3
1-Octanol	111-87-5	COM IITA	1000	ml	Pilot			
Acetone	67-64-1	FL-1B	4	L	Pilot			
Ammonium acetate	631-61-8	IRR-S	500	g	Pilot			
Ammonium chloride	12125-02-9	IRR-S	500	g	Pilot			
Ethanol	64-17-5	FL-1B	90	G	Pilot			
Hydrochloric Acid	7647-01-9	CORR-L	8	G	Pilot			
o-Phosphoric acid	7664-38-2	CORR-S	500	ml	Pilot			
Phosphoric Acid	7664-38-2	CORR-L	40	G	Pilot			
potassium chloride	7447-40-7	ORM-S	500	g	Pilot			
Sodium chloride	7647-14-5	ORM-S	24	lb	Pilot			
Sodium hydroxide	1310-73-2	CORR-L	73	G	Pilot			
Triethylamine	121-44-8	COM IITB	50	ml	Pilot			
Trifluoroacetic acid	76-05-1	CORR-L	100	ml	Pilot			
Tris	77-86-1	IRR-S	8	lb	Pilot			
3,3, Diaminobenzidine Tetrahydro		IRR-S	10	g	Pro Dev			
3-Methyl-2Benzothiazolinone		IRR	10	g	Pro Dev			
4-chloro-1-Naphthol	504-44-4	IRR-L	25	ml	Pro Dev			
5Bromo-4-Chloro-3-IndolylPhosph		COM IITC	1010	mg	Pro Dev			
ABTS		COM-IITC	10	G	Pro Dev			
Biotin-N-Hydroxysuccinimide est		ORM-S	100	mg	Pro Dev			
Blue Dextran		ORM-S	10	g	Pro Dev			
Boric Acid	10043-35-3	CORR-S	1500	g	Pro Dev			
Brilliant Blue	6104-58-1	IRR-S	25	g	Pro Dev			
Bromophenol Blue	115-39-9	IRR-S	5	g	Pro Dev			
Cacodylic Acid Sodium Crystals	124-65-2	CORR-S	100	g	Pro Dev			
Carmine	1390-65-4	ORM-S	5	g	Pro Dev		Toxic	
Chloroform	865-49-6	TOXIC	4	L	Pro Dev			
Chromium Potassium Sulfate	7788-99-0	IRR-S	500	g	Pro Dev			
Citric Acid	77-92-9	CORR-S	1500	g	Pro Dev			
Citric Acid	77-92-9	CORR-S	1500	g	Pro Dev			
Cobalt Acetate Tetrahydrate	6147-53-1	IRR-S	100	g	Pro Dev			
Crystal Violet	548-62-9	TOXIC	50	g	Pro Dev			
Cupric Sulfate	7758-98-7	CORR-S	500	g	Pro Dev			
Cyanogen Bromide Act Sepharose 4		POIS-S	30	g	Pro Dev			
Deoxycholic Acid	83-44-3	CORR-S	500	g	Pro Dev			
Diethanolamine	111-42-2	FL-1B	500	ml	Pro Dev			
Dimethyl Sulfoxide	67-68-5	COM IITB	1	L	Pro Dev			
DL - Dithiothetol		ORM-S	1	g	Pro Dev			
1,2,4,6Tetrachloro-3a,6a-Dipheny		ORM-L	1	G	Proc Dev			
1,4 Dioxane	123-91-1	FL-1B	3	L	Proc Dev			

2,2,2 Tribromoethanol	75-80-9	IRR	25 ml	Proc Dev	
2,6,10,14,Tetramethylpentadecane	1921-70-6	IRR	500 g	Proc Dev	
2-(4-hydroxyazobenzene)benzoic		CORR-S	5 g	Proc Dev acid	CORR-L
2-aminoethanol	141-43-5	FL-1B	500 ml	Proc Dev	High Tox
2-Mercaptoethanol	60-24-2	COM IIIA	20 ml	Proc Dev	
2-Propanol	67-63-0	FL-1B	500 ml	Proc Dev	
3(4-5Dimethylthiazol-2-Y)-2,5 di		POIS-S	5 g	Proc Dev	phenyl
8-Bromoguanosine		OXY-S	25 g	Proc Dev	Class 2
Acetic Acid	64-19-7	CORR-L	16 L	Proc Dev	
Acetone	67-64-1	FL-1B	4 L	Proc Dev	Un re 2
Acrylamide	76-06-1	Toxic	2 kg	Proc Dev	
AFFI-gel		ORM-L	25 ml	Proc Dev	
Aluminium oxide, activated aceti	1344-28-1	OXY-S	100 g	Proc Dev	Class 1
Ammonium Persulfate	7727-54-0	OXY-S	6 mg	Proc Dev	Class 1
Aspartic acid	56-84-8	CORR-S	500 g	Proc Dev	

ChemicalName	CASNo	Class	Quantity	unit	Location	miscella	Addtclass	Class 3
beta-Ketoglutaric acid								
Bicine	150-25-4	CORR-S	100	g	Proc Dev			
Bis(2ethylene bisacrylamide)		ORM-S	1000	g	Proc Dev			
Boric acid	10043-35-3	Toxic	50	g	Proc Dev			
Copper sulfate solution		CORR-S	500	g	Proc Dev			
Cupric sulfate	7758-98-7	IRR-L	500	ml	Proc Dev			TOXIC
Dad-N,N' Diallyltardamine		IRR-S	200	g	Proc Dev			
Deoxycholic acid	83-44-3	ORM-S	50	g	Proc Dev			
Dimethyl Sulfoxide	67-68-5	CORR-S	400	g	Proc Dev			
EDTA	60-00-4	COM 11IB	500	ml	Proc Dev			IRR
EDTA	60-00-4	COM 11	600	g	Proc Dev			COM 11
Eosin Y Dye		IRR	100	g	Proc Dev			
Ethyl Acetate	141-73-6	IRR-S	25	g	Proc Dev			
Fast Red TR Salt		FL-1B	1	L	Proc Dev			
Fluorescein Diacetate		ORM-S	25	g	Proc Dev			
Folin and Ciocaltrus Phenol		ORM-S	10	g	Proc Dev			
Formaldehyde	50-00-0	CORR-L	500	ml	Proc Dev			
Formic Acid	64-18-6	COM 11IB	500	ml	Proc Dev	fp 133	High Tox	Carcin
Pyrite-CO2 Indicator (desiccant)		CORR-L	100	ml	Proc Dev	fp 156		
Genetian Violeticator (desiccant)		ORM-S	200	g	Proc Dev			
Glutamic Acid	6893-26-1	ORM-L	100	ml	Proc Dev			
Glycerin	56-81-5	CORR-S	100	g	Proc Dev			
Glycerol	56-81-5	ORM-L	500	ml	Proc Dev			
Glycerol	56-81-5	ORM-L	75	ml	Proc Dev			
Glycine	56-40-6	ORM-L	1	L	Proc Dev			
Glycine	56-40-6	ORM-S	500	g	Proc Dev			
Glycine Ethyl ester	56-40-6	ORM-S	1	Kg	Proc Dev			
Glycine hydrochloride	623-33-6	ORM-S	100	g	Proc Dev			
Guanidine hydrochloride	6000-43-7	ORM-S	100	g	Proc Dev			
HEPES	50-01-1	OXY-S	500	g	Proc Dev	Class 1		
HEPES	7365-45-9	COM 11IB	100	g	Proc Dev			
HEPES	7365-45-9	COM 11IB	2	kg	Proc Dev			
Hydrochloric Acid	7647-01-0	COM 11IB	1500	ml	Proc Dev			
Hydrochloric Acid	7647-01-0	CORR-L	3	L	Proc Dev			
Iodine	7553-56-2	CORR-L	3	L	Proc Dev			
Iodoacetamide	144-48-9	OXY-S	30	g	Proc Dev	Class 2	IRR-S	TOXIC
Iodoacetamide		TOXIC	10	g	Proc Dev		IRR-S	
Isopentyl alcohol		FL-1B	500	ml	Proc Dev			
Isopentyl alcohol	67-63-0	FL-1B	6	L	Proc Dev			
Isopropyl alcohol	67-63-0	FL-1B	4	L	Proc Dev			
L-Glutamine	56-85-9	FL-1B	100	g	Proc Dev			
Lavamisole hydrochloride	15595-80-5	Toxic	2	g	Proc Dev			
Lavamisole hydrochloride		TOXIC	2	g	Proc Dev			

m-xylene	108-38-3	FL-1B	500 ml	Proc Dev	
Magnesium Sulfate	7487-88-9	ORM-S	500 g	Proc Dev	
Magnesium Sulfate Heptahydrate	10034-99-8	OXY-S	1000 g	Proc Dev	Class 1
Mannitol	69-65-8	IRR-S	500 g	Proc Dev	
Mercuripapin		ORM-S	25 g	Proc Dev	
Methylene chloride	75-09-2	COM IIB	500 ml	Proc Dev	
Methyl alcohol	67-56-1	FL-1B	9 L	Proc Dev	
N,N-Dimethylformamide		COM IIB	500 ml	Proc Dev	fp 136
N-2,4-DNP glycine		ORM-S	25 mg	Proc Dev	IRR
Napthol AS-KX Phosphate		IRR-S	500 mg	Proc Dev	
Nitric Acid	7697-37-2	OXY-L	500 ml	Proc Dev	Class 1
Oxalacetic Acid	328-42-7	CORR-S	100 g	Proc Dev	
Paraformaldehyde	30525-89-4	IRR	500 g	Proc Dev	
Poly-L-Lysine Hydrochloride		ORM-S	100 mg	Proc Dev	
Potassium chloride	7447-40-7	ORM-S	500 g	Proc Dev	

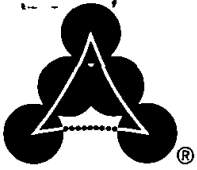
ChemicalName	CASNo	Class	Quantity	unit	Location	miscella	Addlclass	Class 3
Potassium Iodide	7681-11-0	OXY-S	500	g	Proc Dev	Class 1		
Potassium phosphate, dibasic	7758-11-4	ORM-S	1	kg	Proc Dev			
Potassium phosphate, monobasic	7778-77-0	ORM-S	2	kg	Proc Dev			
Potassium Thiocyanate	333-20-0	High Tox	100	g	Proc Dev			
Propane		Fg	5	L	Proc Dev			
Reagent alcohol		FL-1B	4	L	Proc Dev			
ROCCAL H - Quaternary disinfect		OXY-L	1	G	Proc Dev			
Silver Nitrate	7761-88-8	OXY-L	1000	ml	Proc Dev	Class 1	TOXIC	
Sodium Acetate	127-09-3	ORM-S	200	g	Proc Dev			
Sodium Azide	26528-22-8	High Tox	200	g	Proc Dev			
Sodium Azide	26528-22-8	High Tox	100	g	Proc Dev			
Sodium bicarbonate	144-55-8	CORR-S	500	g	Proc Dev			
Sodium bicarbonate	144-55-8	CORR-S	8	Lb	Proc Dev			
Sodium borohydride	16840-66-2	FL-Solid	50	g	Proc Dev			CORR-S
Sodium carbonate	497-19-8	CORR-S	500	g	Proc Dev			
Sodium Carbonate Anhydrous	497-19-8	CORR-S	500	g	Proc Dev			
Sodium chloride	7647-14-5	ORM-S	1500	g	Proc Dev			
Sodium chloride	7647-14-5	ORM-S	7	Lb	Proc Dev			
Sodium Chloride	7647-14-5	ORM-S	500	g	Proc Dev			
Sodium Citrate	68-04-2	ORM-S	500	g	Proc Dev			
Sodium Diatrizoate		IRR-L	200	ml	Proc Dev			
Sodium dodecyl sulfate	151-21-3	OXY-S	500	g	Proc Dev	Class 1		
Sodium dodecyl sulfate	151-21-3	OXY-S	200	g	Proc Dev			
Sodium Hydroxide	1310-73-2	CORR-S	6500	g	Proc Dev			
Sodium hydroxide	1310-73-2	CORR-S	1500	g	Proc Dev			
Sodium m-periodate	7790-28-5	OXY-S	100	g	Proc Dev	Class 1	IRR-S	
Sodium metabisulfite	7681-57-4	OXY-S	500	g	Proc Dev	Class 1	IRR-S	
Sodium phosphate dibasic	7558-79-4	ORM-S	500	g	Proc Dev			
Sodium phosphate dibasic hepa		ORM-S	1500	g	Proc Dev			
Sodium phosphate monobasic	7558-80-7	ORM-S	1	kg	Proc Dev			
Sodium phosphate, monobasic	7558-80-7	ORM-S	1	kg	Proc Dev			
Sodium phosphate, monobasic	7558-80-7	ORM-S	1	kg	Proc Dev			
Sodium phosphate, tribasic		ORM-S	500	g	Proc Dev			
Sodium Sulfate	7757-82-6	ORM-S	1	kg	Proc Dev			
Sodium tartrate	868-18-8	ORM-S	500	g	Proc Dev			
Sulfuric Acid	7664-93-9	CORR-L	200	ml	Proc Dev			
tert-amyl alcohol		FL-1B	100	ml	Proc Dev			OXY
Thimerosal	54-64-8	Toxic	100	g	Proc Dev			
Thimerosal	54-64-8	TOXIC	25	g	Proc Dev			
Thimerosal	54-64-8	TOXIC	100	g	Proc Dev			

Toluene	108-88-3	FL-1B	500 ml	Proc Dev	
Transferrin		SENS	200 mg	Proc Dev	
Triethylamine		COM 111B	250 ml	Proc Dev	
Tris	77-86-1	IRR-S	100 g	Proc Dev	
Tris	77-86-1	IRR-S	2 kg	Proc Dev	
Triton X 100		IRR	25 g	Proc Dev	
TWEEN 20	9005-64-5	COM 111B	500 ml	Proc Dev	
Urea	57-13-6	IRR-L	500 ml	Proc Dev	
Urea		ORM-L	500 ml	Proc Dev	
Wright's Stain		FL-1B	1000 ml	QC	
Decolorizer-Acetone		FL-1B	1000 ml	QC	
Ethyl alcohol	64-17-5	FL-1B	1000 ml	QC	Class 1
Grams Iodine Solution		OXY-L	1000 ml	QC	
Isopropyl alcohol	67-63-0	FL-1B	500 ml	QC	
Oleate		FL-1B	600 ml	QC	
Silver Nitrate	7761-88-8	OXY-S	25 g	QC	Class 1 TOXIC

ChemicalName	CASNO	Class	Quantity	unit	Location	miscella	Addtlclass	Class 3
Sodium azide	26528-22-8	High Tox	25	g	QC			
Sodium bicarbonate	144-55-8	CORR-S	500	g	QC			
Sodium bitartrate	526-94-3	IRR-S	500	g	QC			
Sodium carbonate	497-19-8	CORR-S	500	g	QC			
Sodium carbonate	497-19-8	CORR-S	500	g	QC			
Sodium hydroxide	1310-73-2	CORR-S	500	g	QC			
Sodium hydroxide solution	1310-73-2	CORR-S	1	L	QC			
Sodium nitrate	7631-99-4	OXY-S	500	g	QC			
Sodium phosphate	7558-80-7	ORM-S	500	g	QC			
Sodium phosphate, dibasic	7758-11-4	ORM-S	500	g	QC			
Sodium phosphate, monobasic	7558-80-7	ORM-S	500	g	QC			
Sodium sulfate	7757-82-6	ORM-S	500	g	QC			
Sucrose	57-50-1	ORM-S	500	g	QC			
Tris	77-86-1	IRR-S	1000	g	QC			
Triton X 100	77-86-1	IRR	500	ml	QC			
Tween 20	9005-64-5	COM IIB	2	L	QC			
2,4-dinitrobenzenesulfonic acid		CORR-S	100	g	Vir			
2-Zazinobis-3-ethylbenzthiazolin		High Tox	10	g	Vir			
2-4 Aminophenyl ethylamine	13472-00-9	IRR-S	5	g	Vir			
2-aminoethylisothiourea;umchromid		High Tox	25	g	Vir			
2-Mercaptoethanol	60-24-2	COM IIA	100	ml	Vir			
2-Phobarbituric Acid	504-17-6	CORR-S	50	g	Vir	SPENCH		High Tox
4-Aminobutyric Acid	56-12-2	CORR-S	25	g	Vir			
4-fluorophenyl hydrazine colorid	823-85-8	IRR-S	10	g	Vir			
6-Aminocaproic Acid	60-32-2	CORR-S	100	g	Vir			
8 Aminocaprylic Acid	1002-57-9	CORR-S	6	g	Vir			
Acetic Acid (1N)	64-19-7	CORR-L	1	L	Vir			
Acrylamide	76-06-1	Toxic	500	g	Vir			
Alcylamine		TOXIC	25	ml	Vir			
Aluminum Potassium Sulfate	7784-24-9	IRR-S	500	g	Vir			
Amberlite		ORM-S	500	g	Vir			
Ammonium Acetate	631-61-8	IRR-S	1500	g	Vir			
Ammonium bicarbonate	1066-33-7	IRR-S	500	g	Vir			
Ammonium chloride	12125-02-9	IRR-S	500	g	Vir			
Ammonium hydroxide	1336-21-6	CORR-L	500	ml	Vir			
Ammonium Persulfate	7727-54-0	OXY-S	10	g	Vir	Class 1		
Ammonium sulfate	7783-20-2	IRR-S	500	g	Vir			
Ammonium sulfate	7783-20-2	IRR-S	6	Lb	Vir			
Barium oxide	1304-28-5	CORR-S	500	g	Vir			
Boric Acid	10043-35-3	CORR-S	2	Lb	Vir			

Calcium Chloride	10043-52-4	IRR-S	500 g	Vir	
Carbamylcholine chloride	51-83-2	High Tox	100 g	Vir	
Chromium chloride	10049-05-5	IRR-S	25 g	Vir	IRR-S
Citric Acid	77-92-9	CORR-S	3 lb	Vir	
Citric Acid	77-92-9	CORR-S	7 lb	Vir	
Deoxycholic Acid	83-44-3	CORR-S	20 g	Vir	
Dimethyl Sulfoxide	67-68-5	COM IIIB	500 ml	Vir	
EDPA	60-00-4	IRR-S	2 lb	Vir	
Ethylene glycol-bis-β-aminoethyl	91166-50-6	COM IIIB	60 g	Vir	COM II
Formaldehyde	50-00-0	COM IIIB	500 ml	Vir	ether
Germicide-Quaternary Ammonia		Toxic	2 oz	Vir	fp 133
Glycerin	56-81-5	ORM-L	500 ml	Vir	High Tox
Glycine	56-40-6	ORM-S	2 lb	Vir	Carcin
Guanidine	593-85-1	TOXIC	500 g	Vir	
HEPES	7355-45-9	COM IIIB	400 g	Vir	

ChemicalName	CASNo	Class	Quantity	unit	Location	miscella	Addlclass	Class 3
Hydrochloric Acid (10M)	7647-01-0	CORR-L	1	l	Vir			
Hydrochloric Acid (10N)	7647-01-0	CORR-L	3	l	Vir			
Lithium chloride	7447-41-8	OXY-S	500	g	Vir	Class 1		
Mixed Bed Resin		OR#-S	11	lbs	Vir			
N-Methylsatin 3-thiosemicarbazon		POIS-S	5	g	Vir			
n-n Dicyclohexano-18- crown -6	16059-35-6	Toxic	10	g	Vir		IRR-S	
n-n Dicyclohexano-18- crown -6	16059-35-6	TOXIC	1	g	Vir		IRR-S	
n-n- dimethylformamide	68-12-2	COM IIIB	500	ml	Vir	fp 136	IRR	
n-n-dicyclohexylcarbodiimide	538-75-0	Toxic	100	g	Vir		CORR	
Phenyl methyl sulfonic fluoride	329-98-6	High Tox	25	g	Vir		CORR-S	
Poly(isobutyl methacrylate)	9011-15-8	OR#-S	250	g	Vir			
Polyethylene glycol	25322-68-3	COM IIIA	4	lb	Vir			
Polyoxyethylene a-3- laurel ether		COM IIIB	100	g	Vir			
Ponseau S	6226-79-5	IRR	20	ml	Vir			
Potassium bicarbonate	298-14-6	OR#-S	500	g	Vir			
Potassium carbonate	584-08-7	OR#-S	500	g	Vir			
Potassium chloride	7447-40-7	OR#-S	500	g	Vir			
Potassium Fluoride	7789-23-3	CORR-S	500	g	Vir			
Potassium manganese oxide		OXY-S	10	g	Vir	Class 1		
Potassium permanganate	7722-64-7	OXY-S	500	g	Vir	Class 1	CORR-S	
Potassium phosphate		OR#-S	1	lb	Vir			
Propylene glycol	4254-15-3	COM IIIB	500	g	Vir			
Resorcinol	108-46-3	Toxic	100	g	Vir	DEA		
Sodium Acetate	127-09-3	OR#-S	2	lb	Vir	Class 1		Un re 1
Sodium azide	26628-22-8	High Tox	25	g	Vir			
Sodium Bicarbonate	144-55-8	CORR-S	4	lb	Vir			
Sodium Borate	1330-43-4	IRR-S	6	lb	Vir			
Sodium borohydride	16940-66-2	FL-Solid	100	g	Vir		CORR-S	
Sodium carbonate	497-19-8	CORR-S	1	lb	Vir			
Sodium chloride	7647-14-5	OR#-S	10	lb	Vir			
Sodium citrate	68-04-2	OR#-S	5	lb	Vir			
Sodium cyanotrihydroborate	25895-60-7	High Tox	25	g	Vir		CORR-S	Water 1
Sodium hydroxide	1310-73-2	CORR-S	500	g	Vir			
Sodium Hydroxide (10N)	1310-73-2	CORR-L	1	l	Vir			
Sodium Hydroxide (1N)	1310-73-2	CORR-L	1	l	Vir			
Sodium Iodide	7681-82-5	IRR-S	100	g	Vir			
Sodium m-Arsonite		POIS-S	100	g	Vir			
Sodium m-periodate		OR#-S	50	g	Vir			
Sodium methoxide anhydrous	124-41-4	CORR-S	100	g	Vir		Un re 1	
Sodium phosphate	7558-80-7	OR#-S	500	g	Vir			



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State Water Resources Control Board
Division of Water Quality
Attn: Storm Water Section
P.O. Box 1977
Sacramento, CA 95812-1977

Re: 2006-2007 Annual Report

To Whom It May Concern:

Enclosed are our 2006-2007 Annual Report and other supporting documentation related to the Annual Report.

General Information Section:

Please see Corrections.

Section E.11:

Attached are the two analytical reports required. Additionally, a spreadsheet we used to document when and how we discharged and sampled water is attached showing 4 discharges. We began using this spreadsheet for Wet Season 2006. Visual observations are always made prior to release of storm water and when we are not sampling for analytical testing, we do test for acceptable pH.

Monthly inspections are completed during regular maintenance rounds. These regular monthly inspections are not documented. We did not allow anything but storm water to go into the drains. We did not release any non-stormwater discharges.

Item G.1. Explanation for "No":

October, December, January, and May there were no eligible storm events and due to the minimal amount of rain, we did not require any storm water releases. The storm water remained in a sump until which time it was necessary to release.

Also attached is a **Copy of the City of San Diego Storm Water Compliance Inspection** for Industrial Facilities completed on 27Feb07.

If there are any questions, please contact Judi Gaither at 858-373-3601.

Best Regards,

Judi Gaither

2007 JUN -9 A 11:47
SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
2006-2007 ANNUAL REPORT
FOR STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

Reporting Period July 1, 2006 through June 30, 2007

An Annual Report is required to be submitted to your local Regional Water Quality Control Board (Regional Board) by July 1 of each year. This document must be certified and signed, under penalty of perjury, by the appropriate official of your company. Many of the Annual Report questions require an explanation. Please provide explanations on a separate sheet as an attachment. **Retain a copy of the completed Annual Report for your records.**

Please circle or highlight any information contained in Items A, B, and C below that is new or revised so we can update our records. Please remember that a Notice of Termination and new Notice of Intent are required whenever a facility operation is relocated or changes ownership.

If you have any questions, please contact your Regional Board Industrial Storm Water Permit Contact. The names, telephone numbers, and e-mail addresses of the Regional Board contacts, as well as the Regional Board Offices addresses are indicated below.

REGIONAL BOARD INFORMATION:

San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA 92123

Contact: Tony Felix
Tel: (858) 636-3134
Email: Tfelix@waterboards.ca.gov

GENERAL INFORMATION

A. Facility Information:

Tanox West Inc
11011 Torreyana Rd
San Diego, CA 92121
WDID No: 9 371019266

Facility Contact: ~~McKinney Sam~~
Email: ~~GAITHER, JUDI~~
Phone: ~~713-578-4040~~
858-361-3661 OR 858-864-6576

SIC Code(s):

2834 Pharmaceutical Preparations

SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD
JUL 11 9 11:47

B. Facility Operator Information:

~~tanox west inc~~ *Tanox West, Inc*
~~10555 Stella Link Rd~~ *11011 Torreyana Rd*
~~Houston, TX 77025~~ *San Diego CA 92121*

Operator Contact: ~~Sam McKinney~~
Email: ~~GAITHER, JUDI~~
Phone: ~~713-578-4040~~
858-373-3601 OR 858-864-6576

C. Facility Billing Information:

~~tanox west inc~~ *OK*
~~10555 Stella Link Rd~~
~~Houston, TX 77025~~

Billing Contact: ~~Sam McKinney~~
Email: ~~Judi Gaither~~ *Jgaither@tanox.com*
Phone: ~~713-578-4040~~
SAME AS ABOVE

2006-2007
ANNUAL REPORT

SPECIFIC INFORMATION

MONITORING AND REPORTING PROGRAM

D. SAMPLING AND ANALYSIS EXEMPTIONS AND REDUCTIONS

1. For the reporting period, was your facility exempt from collecting and analyzing samples from **two** storm events in accordance with sections B.12 or 15 of the General Permit?

YES Go to Item D.2

NO Go to Section E

2. Indicate the reason your facility is exempt from collecting and analyzing samples from **two** storm events. Attach a copy of the first page of the appropriate certification if you check boxes ii, iii, iv, or v.

i. Participating in an Approved Group Monitoring Plan **Group Name:** _____

ii. Submitted **No Exposure Certification (NEC)** **Date Submitted:** _____
Re-evaluation Date: _____

Does facility continue to satisfy NEC conditions? **YES** **NO**

iii. Submitted **Sampling Reduction Certification (SRC)** **Date Submitted:** _____
Re-evaluation Date: _____

Does facility continue to satisfy SRC conditions? **YES** **NO**

iv. Received Regional Board Certification **Certification Date:** _____

v. Received Local Agency Certification **Cetification Date:** _____

3. If you checked boxes i or iii above, were you scheduled to sample **one** storm event during the reporting year?

YES Go to Section E

NO Go to Section F

4. If you checked boxes ii, iv, or v, go to Section F.

E. SAMPLING AND ANALYSIS RESULTS

1. How many storm events did you sample? 2 If less than 2, **attach explanation** (if you checked item D.2.i or iii. above, only attach explanation if you answer "0").

2. Did you collect storm water samples from the first storm of the wet season that produced a discharge during scheduled facility operating hours? (Section B.5 of the General Permit)

YES

NO, attach explanation (Please note that if you do not sample the first storm event, you are still required to sample 2 storm events)

3. How many storm water discharge locations are at your facility? 1

4. For each storm event sampled, did you collect and analyze a sample from each of the facility's storm water discharge locations? YES, go to Item E.6 NO
5. Was sample collection or analysis reduced in accordance with Section B.7.d of the General Permit? *N/A* YES NO, **attach explanation**
- If "YES", **attach documentation** supporting your determination that two or more drainage areas are substantially identical.
- Date facility's drainage areas were last evaluated _____
6. Were all samples collected during the first hour of discharge? YES NO, **attach explanation**
7. Was all storm water sampling preceded by three (3) working days without a storm water discharge? YES NO, **attach explanation**
8. Were there any discharges of stormwater that had been temporarily stored or contained? (such as from a pond) YES NO, go to Item E.10
9. Did you collect and analyze samples of temporarily stored or contained storm water discharges from two storm events? (or one storm event if you checked item D.2.i or iii. above) YES NO, **attach explanation**
10. Section B.5. of the General Permit requires you to analyze storm water samples for pH, Total Suspended Solids (TSS), Specific Conductance (SC), Total Organic Carbon (TOC) or Oil and Grease (O&G), other pollutants likely to be present in storm water discharges in significant quantities, and analytical parameters listed in Table D of the General Permit.
- a. Does Table D contain any additional parameters related to your facility's SIC code(s)? YES NO, Go to Item E.11
- b. Did you analyze all storm water samples for the applicable parameters listed in Table D? YES NO
- c. If you did not analyze all storm water samples for the applicable Table D parameters, check one of the following reasons:
- _____ In prior sampling years, the parameter(s) have not been detected in significant quantities from two consecutive sampling events. **Attach explanation**
- _____ The parameter(s) is not likely to be present in storm water discharges and authorized non-storm water discharges in significant quantities based upon the facility operator's evaluation. **Attach explanation**
- _____ Other. **Attach explanation**
11. For each storm event sampled, attach a copy of the laboratory analytical reports and report the sampling and analysis results using **Form 1** or its equivalent. The following must be provided for each sample collected:
- Date and time of sample collection
 - Name and title of sampler.
 - Parameters tested.
 - Name of analytical testing laboratory.
 - Discharge location identification.
 - Testing results.
 - Test methods used.
 - Test detection limits.
 - Date of testing.
 - Copies of the laboratory analytical results.

F. QUARTERLY VISUAL OBSERVATIONS

1. **Authorized Non-Storm Water Discharges**

Section B.3.b of the General Permit requires quarterly visual observations of all authorized non-storm water discharges and their sources.

a. Do authorized non-storm water discharges occur at your facility?

YES NO Go to Item F.2

b. Indicate whether you visually observed all authorized non-storm water discharges and their sources during the quarters when they were discharged. **Attach an explanation for any "NO" answers.** Indicate "N/A" for quarters without any authorized non-storm water discharges.

July -September YES NO N/A October-December YES NO N/A
January-March YES NO N/A April-June YES NO N/A

c. Use **Form 2** to report quarterly visual observations of authorized non-storm water discharges or provide the following information.

- i. name of each authorized non-storm water discharge
- ii. date and time of observation
- iii. source and location of each authorized non-storm water discharge
- iv. characteristics of the discharge at its source and impacted drainage area/discharge location
- v. name, title, and signature of observer
- vi. **any** new or revised BMPs necessary to reduce or prevent pollutants in authorized non-storm water discharges. Provide new or revised BMP implementation date.

2. **Unauthorized Non-Storm Water Discharges**

Section B.3.a of the General Permit requires quarterly visual observations of all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources.

a. Indicate whether you visually observed all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources. **Attach an explanation for any "NO" answers.**

July -September YES NO October-December YES NO
January-March YES NO April-June YES NO

b. Based upon the quarterly visual observations, were any unauthorized non-storm water discharges detected?

YES NO Go to item F.2.d

c. Have each of the unauthorized non-storm water discharges been eliminated or permitted?

*N/A
6-15-00*

YES NO **Attach explanation**

d. Use **Form 3** to report quarterly unauthorized non-storm water discharge visual observations or provide the following information.

- i. name of each unauthorized non-storm water discharge.
- ii. date and time of observation.
- iii. source and location of each unauthorized non-storm water discharge.
- iv. characteristics of the discharge at its source and impacted drainage area/discharge location.
- v. name, title, and signature of observer.
- vi. **any** corrective actions necessary to eliminate the source of each unauthorized non-storm water discharge and to clean impacted drainage areas. Provide date unauthorized non-storm water discharge(s) was eliminated or scheduled to be eliminated.

G. MONTHLY WET SEASON VISUAL OBSERVATIONS

Section B.4.a of the General Permit requires you to conduct monthly visual observations of storm water discharges at all storm water discharge locations during the wet season. These observations shall occur during the first hour of discharge or, in the case of temporarily stored or contained storm water, at the time of discharge.

1. Indicate below whether monthly visual observations of storm water discharges occurred at all discharge locations. **Attach an explanation for any "NO" answers.** Include in this explanation whether any eligible storm events occurred during scheduled facility operating hours that did not result in a storm water discharge, and provide the date, time, name and title of the person who observed that there was no storm water discharge.

	YES	NO		YES	NO
October	<input type="checkbox"/>	<input checked="" type="checkbox"/>	February	<input checked="" type="checkbox"/>	<input type="checkbox"/>
November	<input checked="" type="checkbox"/>	<input type="checkbox"/>	March	<input checked="" type="checkbox"/>	<input type="checkbox"/>
December	<input type="checkbox"/>	<input checked="" type="checkbox"/>	April	<input checked="" type="checkbox"/>	<input type="checkbox"/>
January	<input type="checkbox"/>	<input checked="" type="checkbox"/>	May	<input type="checkbox"/>	<input checked="" type="checkbox"/>

2. Report monthly wet season visual observations using **Form 4** or provide the following information.

- date, time, and location of observation
- name and title of observer
- characteristics of the discharge (i.e., odor, color, etc.) and source of any pollutants observed.
- any** new or revised BMPs necessary to reduce or prevent pollutants in storm water discharges. Provide new or revised BMP implementation date.

ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION (ACSCE)

H. ACSCE CHECKLIST

Section A.9 of the General Permit requires the facility operator to conduct one ACSCE in each reporting period (July 1-June 30). Evaluations must be conducted within 8-16 months of each other. The SWPPP and monitoring program shall be revised and implemented, as necessary, within 90 days of the evaluation. The checklist below includes the minimum steps necessary to complete a ACSCE. Indicate whether you have performed each step below. **Attach an explanation for any "NO" answers.**

1. Have you inspected all potential pollutant sources and industrial activities areas? YES NO
The following areas should be inspected:

- areas where spills and leaks have occurred during the last year.
- outdoor wash and rinse areas.
- process/manufacturing areas.
- loading, unloading, and transfer areas.
- waste storage/disposal areas.
- dust/particulate generating areas.
- erosion areas.
- building repair, remodeling, and construction
- material storage areas
- vehicle/equipment storage areas
- truck parking and access areas
- rooftop equipment areas
- vehicle fueling/maintenance areas
- non-storm water discharge generating areas

2. Have you reviewed your SWPPP to assure that its BMPs address existing potential pollutant sources and industrial activities areas? YES NO

3. Have you inspected the entire facility to verify that the SWPPP's site map, is up-to-date? The following site map items should be verified: YES NO

- facility boundaries
- outline of all storm water drainage areas
- areas impacted by run-on
- storm water discharges locations
- storm water collection and conveyance system
- structural control measures such as catch basins, berms, containment areas, oil/water separators, etc.

4. Have you reviewed all General Permit compliance records generated since the last annual evaluation? YES NO

The following records should be reviewed:

- quarterly authorized non-storm water discharge visual observations
- monthly storm water discharge visual observation
- records of spills/leaks and associated clean-up/response activities
- quarterly unauthorized non-storm water discharge visual observations
- Sampling and Analysis records
- preventative maintenance inspection and maintenance records

5. Have you reviewed the major elements of the SWPPP to assure compliance with the General Permit? YES NO

The following SWPPP items should be reviewed:

- pollution prevention team
- list of significant materials
- description of potential pollutant sources
- assessment of potential pollutant sources
- identification and description of the BMPs to be implemented for each potential pollutant source

6. Have you reviewed your SWPPP to assure that a) the BMPs are adequate in reducing or preventing pollutants in storm water discharges and authorized non-storm water discharges, and b) the BMPs are being implemented? YES NO

The following BMP categories should be reviewed:

- good housekeeping practices
- spill response
- employee training
- erosion control
- quality assurance
- preventative maintenance
- material handling and storage practices
- waste handling/storage
- structural BMPs

7. Has all material handling equipment and equipment needed to implement the SWPPP been inspected? YES NO

I. ACSCE EVALUATION REPORT

The facility operator is required to provide an evaluation report that includes:

- identification of personnel performing the evaluation
- the date(s) of the evaluation
- necessary SWPPP revisions
- schedule for implementing SWPPP revisions
- any incidents of non-compliance and the corrective actions taken.

Use **Form 5** to report the results of your evaluation or develop an equivalent form.

J. ACSCE CERTIFICATION

The facility operator is required to certify compliance with the Industrial Activities Storm Water General Permit. To certify compliance, both the SWPPP and Monitoring Program must be up to date and be fully implemented.

Based upon your ACSCE, do you certify compliance with the Industrial Activities Storm Water General Permit? YES NO

If you answered "NO" **attach an explanation** to the ACSCE Evaluation Report why you are not in compliance with the Industrial Activities Storm Water General Permit.

ATTACHMENT SUMMARY

Answer the questions below to help you determine what should be attached to this annual report. Answer NA (Not Applicable) to questions 2-4 if you are not required to provide those attachments.

- 1. Have you attached Forms 1,2,3,4, and 5 or their equivalent? YES (Mandatory)

- 2. If you conducted sampling and analysis, have you attached the laboratory analytical reports? YES NO NA

- 3. If you checked box II, III, IV, or V in item D.2 of this Annual Report, have you attached the first page of the appropriate certifications? YES NO NA

- 4. Have you attached an explanation for each "NO" answer in items E.1, E.2, E.5-E.7, E.9, E.10.c, F.1.b, F.2.a, F.2.c, G.1, H.1-H.7, or J? YES NO NA

ANNUAL REPORT CERTIFICATION

I am duly authorized to sign reports required by the INDUSTRIAL ACTIVITIES STORM WATER GENERAL PERMIT (see Standard Provision C.9) and I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those person directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Printed Name: Judi Gauthier
Signature: Judi Gauthier Date: 18 JUN 07
Title: Senior Facilities Coordinator

2006-2007
ANNUAL REPORT

DESCRIPTION OF BASIC ANALYTICAL PARAMETERS

The Industrial Activities Storm Water General Permit (General Permit) requires you to analyze storm water samples for at least four parameters. These are pH, Total Suspended Solids (TSS), Specific Conductance (SC), and Total Organic Carbon (TOC). Oil and Grease (O&G) may be substituted for TOC. In addition, you must monitor for any other pollutants which you believe to be present in your storm water discharge as a result of industrial activity and analytical parameters listed in Table D of the General Permit. There are no numeric limitations for the parameters you test for.

The four parameters which the General Permit requires to be tested are considered *indicator* parameters. In other words, regardless of what type of facility you operate, these parameters are nonspecific and general enough to usually provide some indication whether pollutants are present in your storm water discharge. The following briefly explains what each of these parameters mean:

pH is a numeric measure of the hydrogen-ion concentration. The neutral, or acceptable, range is within 6.5 to 8.5. At values less than 6.5, the water is considered acidic; above 8.5 it is considered alkaline or basic. An example of an acidic substance is vinegar, and a alkaline or basic substance is liquid antacid. Pure rainfall tends to have a pH of a little less than 7. There may be sources of materials or industrial activities which could increase or decrease the pH of your storm water discharge. If the pH levels of your storm water discharge are high or low, you should conduct a thorough evaluation of all potential pollutant sources at your site.

Total Suspended Solids (TSS) is a measure of the undissolved solids that are present in your storm water discharge. Sources of TSS include sediment from erosion of exposed land, and dirt from impervious (i.e. paved) areas. Sediment by itself can be very toxic to aquatic life because it covers feeding and breeding grounds, and can smother organisms living on the bottom of a water body. Toxic chemicals and other pollutants also adhere to sediment particles. This provides a medium by which toxic or other pollutants end up in our water ways and ultimately in human and aquatic life. TSS levels vary in runoff from undisturbed land. It has been shown that TSS levels increase significantly due to land development.

Specific Conductance (SC) is a numerical expression of the ability of the water to carry an electric current. SC can be used to assess the degree of mineralization, salinity, or estimate the total dissolved solids concentration of a water sample. Because of air pollution, most rain water has a SC a little above zero. A high SC could affect the usability of waters for drinking, irrigation, and other commercial or industrial use.

Total Organic Carbon (TOC) is a measure of the total organic matter present in water. (All organic matter contains carbon) This test is sensitive and able to detect small concentrations of organic matter. Organic matter is naturally occurring in animals, plants, and man. Organic matter may also be man made (so called synthetic organics). Synthetic organics include pesticides, fuels, solvents, and paints. Natural organic matter utilizes the oxygen in a receiving water to biodegrade. Too much organic matter could place a significant oxygen demand on the water, and possibly impact its quality. Synthetic organics either do not biodegrade or biodegrade very slowly. Synthetic organics are a source of toxic chemicals that can have adverse affects at very low concentrations. Some of these chemicals bioaccumulate in aquatic life. If your levels of TOC are high, you should evaluate all sources of natural or synthetic organics you may use at your site.

Oil and Grease (O&G) is a measure of the amount of oil and grease present in your storm water discharge. At very low concentrations, O&G can cause a sheen (that floating "rainbow") on the surface of water (1 qt. of oil can pollute 250,000 gallons of water). O&G can adversely affect aquatic life and create unsightly floating material and film on water, thus making it undrinkable. Sources of O&G include maintenance shops, vehicles, machines and roadways.

If you have any questions regarding whether or not your constituent concentrations are too high, please contact your local Regional Board office. The United States Environmental Protection Agency (USEPA) has published stormwater discharge benchmarks for a number of parameters. These benchmarks may be helpful when evaluating whether additional BMPs are appropriate. These benchmarks can be accessed at our website at <http://www.swrcb.ca.gov>. It is contained in the Sampling and Analysis Reduction Certification.

See Storm Water Contacts at

<http://www.waterboards.ca.gov/stormwtr/contact.html>

Enviromatrix



Analytical, Inc.

07 December 2006

CG COPY JG 1850007

Tanox West, Inc.
Attn: Judi Gather
11011 Torreyana Rd.
San Diego, CA 92122

EMA Log #: 0611473

Project Name: Stormwater

Enclosed are the results of analyses for samples received by the laboratory on 11/27/06 16:35. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that this data is in compliance both technically and for completeness.

Dan Verdon
Laboratory Director

CA ELAP Certification #: 2564

Client Name: Tanox West, Inc.
Project Name: Stormwater

EMA Log #: 0611473

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Sample 001 (2006 WET)	0611473-01	Stormwater	11/27/06 12:40	11/27/06 16:35
Sample 002 (2006 WET)	0611473-02	Stormwater	11/27/06 12:40	11/27/06 16:35

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: Tanox West, Inc.
Project Name: Stormwater

EMA Log #: 0611473

Conventional Chemistry Parameters by Standard/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sample 001 (2006 WET) (0611473-01) Stormwater Sampled: 11/27/06 12:40 Received: 11/27/06 16:35									
Oil & Grease	ND	5	mg/l	1	6120602	12/06/06	12/06/06	EPA 1664	
Sample 002 (2006 WET) (0611473-02) Stormwater Sampled: 11/27/06 12:40 Received: 11/27/06 16:35									
Specific Conductance (EC)	375	1	umhos/cm	1	6112818	11/28/06	11/28/06	SM2510 B	
pH	6.98	0.10	pH Units	"	6112806	11/27/06	11/27/06	EPA 150.1	
Total Suspended Solids	ND	20	mg/l	"	6120421	11/29/06	12/04/06	SM2540 D	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: Tanox West, Inc.
 Project Name: Stormwater

EMA Log #: 0611473

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112806										
Duplicate (6112806-DUP1)		Source: 0611446-05			Prepared & Analyzed: 11/27/06					
pH	6.84	0.10	pH Units		6.81			0.4	20	
Reference (6112806-SRM1)					Prepared & Analyzed: 11/27/06					
pH	8.83	0.10	pH Units	9.10		97	97-103			
Batch 6112818										
Duplicate (6112818-DUP1)		Source: 0611482-03			Prepared & Analyzed: 11/28/06					
Specific Conductance (EC)	48	1	umhos/cm		48			0	20	
Reference (6112818-SRM1)					Prepared & Analyzed: 11/28/06					
Specific Conductance (EC)	297	1	umhos/cm	297		100	93-107			
Batch 6120421										
Duplicate (6120421-DUP1)		Source: 0611372-02			Prepared: 11/29/06 Analyzed: 12/04/06					
Total Suspended Solids	186	20	mg/l		182			2	20	
Reference (6120421-SRM1)					Prepared: 11/29/06 Analyzed: 12/04/06					
Total Suspended Solids	40	20	mg/l	37.4		107	78.6-110.1			
Batch 6120602										
Blank (6120602-BLK1)					Prepared & Analyzed: 12/06/06					
Oil & Grease	ND	5	mg/l							

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: Tanox West, Inc.
 Project Name: Stormwater

EMA Log #: 0611473

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 6120602

LCS (6120602-BS1)

Prepared & Analyzed: 12/06/06

Oil & Grease	95	5	mg/l	111	86	75-125				
--------------	----	---	------	-----	----	--------	--	--	--	--

LCS Dup (6120602-BSD1)

Prepared & Analyzed: 12/06/06

Oil & Grease	86	5	mg/l	92.2	93	75-125	10	20		
--------------	----	---	------	------	----	--------	----	----	--	--

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: Tanox West, Inc.
Project Name: Stormwater

EMA Log #: 0611473

Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CHAIN-OF-CUSTODY RECORD



EnviroMatrix Analytical, Inc.

4340 Viewridge Ave., Ste. A • San Diego, CA 92123 • Phone (858) 560-7717 • Fax (858) 560-7763

EMA DATE/TIME STAMP

EMA LOG #: 0611473

Client: Ianox, Inc
 Address: 11011 Torreyana Rd
San Diego CA 92122
 Altin: Judi Gauthier Phone: 858 864 6576
Esteban Vito Fax: 858-373-3401
 Billing Address: Ianox West, Inc. Attn: AIP,
10301 Stella Link, Houston TX 77025,

Project: _____ PO #: _____

REQUESTED ANALYSIS

EMA ID #	Client Sample ID	Sample Date	Sample Time	Sample Matrix	Container(s) # Type*	418.1 (TRPH)	Oil & Grease 413.1	TPH (8015B) Gas	TPH-Extended 8015B	602 / 8021 BTXE	601 / 8021	608 / 8081	608 / 8082	624 / 8260	625 / 8270	TLC Metals (CAC Title 22)	STLC Metals (CAC Title 22)	TCLP (RCRA)	Metals	Organics	CA Cr Cu Pb Ni Ag Zn	PH	EC	TSS	TDS	RECEIVED BY	
1	Sample 001 (2006)	27NOV06	12:40	W	1 G	X	X																				
2	Sample 002 (2006)	27NOV06	12:40	W	1 P																						
3																											
4																											
5																											
6																											
7																											
8																											
9																											
10																											

RELIQUISHED BY	DATE/TIME	RECEIVED BY
Signature: <u>Adri. Kather</u>	11/27/06	Signature: <u>[Signature]</u>
Print: <u>Judi Gauthier</u>	15:10	Print: <u>Emma Beck</u>
Company: <u>Ianox</u>		Company: <u>EMA</u>
Signature: <u>[Signature]</u>	01/29/06	Signature: <u>[Signature]</u>
Print: <u>Emma Beck</u>	16:35	Print: <u>W. LUCERO</u>
Company: <u>EMA</u>		Company: <u>EMA</u>
Signature: _____		Signature: _____
Print: _____		Print: _____
Company: _____		Company: _____

White - EMA Canary - Accounting Pink - Client (w/Report) Goldenrod - Client (Relinquish Samples)

*EMA reserves the right to return samples that do not match our waste profile.

EnviroMatrix



Analytical, Inc.

INVOICE

COPY

Ja 18JUN07

Invoice To:

Judi Garther
Tanox West, Inc.
11011 Torreyana Rd.
San Diego, CA 92122

Invoice Number

7030103

Remit To:

Accounts Receivable
EnviroMatrix Analytical, Inc.
4340 Viewridge Ave., Ste. A
San Diego, CA 92123

Client Project Manager

Judi Garther

Invoiced On:

03/07/07

Received

02/20/07

Project

No Project

PO Number

Terms

NET 30

Project Number

SWPPP 2007 #2

Project Manager

Jamey A. Cote *JAC*

Work Order(s)

0702326

Quantity	Analysis/Description	Matrix	Unit Cost	Extended Cost
EnviroMatrix Analytical, Inc.				
1	Solids, TSS- Liquid [Normal TAT]	Water	\$25.00	\$25.00
1	pH water 150.1 [Normal TAT]	Water	\$20.00	\$20.00
1	O&G(1664)- Liquid [Normal TAT]	Water	\$70.00	\$70.00
1	Conductivity [Normal TAT]	Water	\$25.00	\$25.00
Additional Items				
1	Courier Fee		\$10.00	\$10.00
			Invoice Total:	\$150.00

EnviroMatrix



Analytical, Inc.

01 March 2007

Tanox West, Inc.
Attn: Judi Garther
11011 Torreyana Rd.
San Diego, CA 92122

EMA Log #: 0702326

Project Name: SWPPP 2007 #2

Enclosed are the results of analyses for samples received by the laboratory on 02/20/07 16:29. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that this data is in compliance both technically and for completeness.

A handwritten signature in black ink, appearing to read 'Dan Verdon', written over a white background.

Dan Verdon
Laboratory Director

CA ELAP Certification #: 2564

Client Name: Tanox West, Inc.
Project Name: SWPPP 2007 #2

EMA Log #: 0702326

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Sample 3 - Wet 2007	0702326-01	Water	02/20/07 09:00	02/20/07 16:29
Sample 4 - Wet 2007	0702326-02	Water	02/20/07 09:00	02/20/07 16:29

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: Tanox West, Inc.
Project Name: SWPPP 2007 #2

EMA Log #: 0702326

Conventional Chemistry Parameters by Standard/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sample 3 - Wet 2007 (0702326-01) Water Sampled: 02/20/07 09:00 Received: 02/20/07 16:29									
Oil & Grease	ND	5	mg/l	1	7022610	02/26/07	02/26/07	EPA 1664	
Sample 4 - Wet 2007 (0702326-02) Water Sampled: 02/20/07 09:00 Received: 02/20/07 16:29									
Specific Conductance (EC)	200	1	umhos/cm	1	7022734	02/28/07	02/28/07	SM2510 B	
pH	6.01	0.10	pH Units	"	7022105	02/20/07	02/20/07	EPA 150.1	
Total Suspended Solids	ND	20	mg/l	"	7022729	02/26/07	02/27/07	SM2540 D	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: Tanox West, Inc.
 Project Name: SWPPP 2007 #2

EMA Log #: 0702326

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7022105										
Duplicate (7022105-DUP1)		Source: 0702289-01			Prepared & Analyzed: 02/20/07					
pH	6.12	0.10	pH Units		6.10			0.3	20	
Reference (7022105-SRM1)					Prepared & Analyzed: 02/20/07					
pH	8.83	0.10	pH Units	9.10		97	97-103			
Batch 7022610										
Blank (7022610-BLK1)					Prepared & Analyzed: 02/26/07					
Oil & Grease	ND	5	mg/l							
LCS (7022610-BS1)					Prepared & Analyzed: 02/26/07					
Oil & Grease	88	5	mg/l	105		84	75-125			
LCS Dup (7022610-BSD1)					Prepared & Analyzed: 02/26/07					
Oil & Grease	88	5	mg/l	111		79	75-125	0	20	
Batch 7022729										
Duplicate (7022729-DUP1)		Source: 0702340-02			Prepared: 02/26/07 Analyzed: 02/27/07					
Total Suspended Solids	2	20	mg/l		2			0	20	
Reference (7022729-SRM1)					Prepared: 02/26/07 Analyzed: 02/27/07					
Total Suspended Solids	34	20	mg/l	37.4		91	78.6-110.16			
Batch 7022734										
Duplicate (7022734-DUP1)		Source: 0702323-02			Prepared & Analyzed: 02/27/07					
Specific Conductance (EC)	3	1	umhos/cm		3			0	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: Tanox West, Inc.
Project Name: SWPPP 2007 #2

EMA Log #: 0702326

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7022734										
Reference (7022734-SRM1)					Prepared & Analyzed: 02/27/07					
Specific Conductance (EC)	288	1	umhos/cm	297		97	5.29-104.7			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: Tanox West, Inc.
Project Name: SWPPP 2007 #2

EMA Log #: 0702326

Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CHAIN-OF-CUSTODY FORM

EMA LOG #: 0702326

Client: TANOX, Inc
 Attn: Juel Gauthier
 Sampler(s): Stephan Virku
 Address: 11011 Torreyana Rd
San Diego, CA 92132
 Phone: 858 804 6576 Fax: 858-373-3601
 Email: JGauthier@tanox.com
 Billing Address: 10301 Stella Ln
San Diego, CA 92131
 Project ID: SWPPP 2007
 Project #: #2

SAMPLE DETAILS			
#	Client Sample ID	Sample Date/Time	Sample Matrix
01	Sample 3 - Wet 2007	2/20/07 09:00 W	W
02	Sample 4 - Wet 2007	2/20/07 09:00 W	W
03			
04			
05			
06			
07			
08			
09			
10			

Sample Matrix Codes: GW=ground water WW=waste water DW=drinking water SW=storm water
 A=air SED=sediment O=oil T=tissue S=solid other (specify) L=liquid other (specify)
 Shipped By: Courier UPS FedEx USPS Client drop off Other
 Turnaround Time: Same day 1-24 hr 1-48 hr 1-14 day 1-15 day STD (7 day)
 Reporting Requirements: Fax PDF Excel Geotracker EDF Other
 Sample Disposal: Laboratory Return to client: PU or Delivery Archive until _____

SAMPLE INTEGRITY
 Correct Containers: Yes No N/A
 Containers Properly Preserved: Yes No N/A
 Custody Seals Intact: Yes No N/A
 Temperature @ Receipt: _____
 COC/Labels Agree: Yes No N/A
 Sampled By: Client EMA Autosampler
 Project Comments:
F=200

EnviroMatrix Analytical, Inc.



4340 Verridge Ave., Ste. A - San Diego, CA 92123 - Phone (858) 560-7717 - Fax (858) 560-7763

REQUESTED ANALYSIS

<input checked="" type="checkbox"/> 418.1 (Total Recoverable Petroleum Hydrocarbons)	<input type="checkbox"/> 8015B (TPH) <input type="checkbox"/> Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Ext <input type="checkbox"/> ASTM D2887	<input type="checkbox"/> 624 / 8260 (VOC) <input type="checkbox"/> Full <input type="checkbox"/> BTX <input type="checkbox"/> MTBE <input type="checkbox"/> Oxy <input type="checkbox"/> ENAP	<input type="checkbox"/> 625 / 8270 (Semi Volatile Organics) <input type="checkbox"/> PAH only	<input type="checkbox"/> 608 / 8081 (Organochlorine Pesticides)	<input type="checkbox"/> 608 / 8082 (Polychlorinated Biphenyls)	<input type="checkbox"/> 8141 (Organophosphorus Pesticides)	<input type="checkbox"/> TBT (Organotin Compounds)	<input checked="" type="checkbox"/> EC Conductivity (EC) <input type="checkbox"/> TSS <input type="checkbox"/> TDS	<input type="checkbox"/> Nitrate <input type="checkbox"/> Nitrite <input type="checkbox"/> TKN <input type="checkbox"/> NH3	<input type="checkbox"/> TLIC Metals (CAC Title 22) / (CAM 17)	<input type="checkbox"/> TLIC Metals (CAC Title 22) / (CAM 17)	<input type="checkbox"/> TCLP (RCRA) <input type="checkbox"/> Metals <input type="checkbox"/> Organics	<input type="checkbox"/> Cd <input type="checkbox"/> Cr <input type="checkbox"/> Cu <input type="checkbox"/> Pb <input type="checkbox"/> Ni <input type="checkbox"/> Ag <input type="checkbox"/> Zn <input type="checkbox"/> Dissolved	<input type="checkbox"/> Coliform <input type="checkbox"/> Total (MTF) <input type="checkbox"/> Fecal (MTF) <input type="checkbox"/> Coliform T+E <input type="checkbox"/> Coli	<input type="checkbox"/> Enterococcus <input type="checkbox"/> MTF <input type="checkbox"/> Idex	<input type="checkbox"/> Heterotrophic Plate Count (HPC)	Microbiology/Notes:
--	--	---	--	---	---	---	--	---	---	--	--	--	--	---	--	--	---------------------

FEB 20 07 16:49
 Sample Comments:

CHAIN-OF-CUSTODY RECORD

RELINQUISHED BY		RECEIVED BY	
Signature: <u>Juel Gauthier</u>	Signature: <u>Juan Lopez</u>	Signature: <u>Juan Lopez</u>	Signature: <u>W. Luvero</u>
Print: <u>Juel Gauthier</u>	Print: <u>Juan Lopez</u>	Print: <u>Juan Lopez</u>	Print: <u>W. Luvero</u>
Company: <u>TANOX, INC</u>	Company: <u>EMA</u>	Company: <u>EMA</u>	Company: <u>EMA</u>
Signature: <u>Juan Lopez</u>	Signature: <u>W. Luvero</u>	Signature: <u>W. Luvero</u>	Signature: <u>W. Luvero</u>
Print: <u>Juan Lopez</u>	Print: <u>W. Luvero</u>	Print: <u>W. Luvero</u>	Print: <u>W. Luvero</u>
Company: <u>EMA</u>	Company: <u>EMA</u>	Company: <u>EMA</u>	Company: <u>EMA</u>
Signature: _____	Signature: _____	Signature: _____	Signature: _____
Print: _____	Print: _____	Print: _____	Print: _____
Company: _____	Company: _____	Company: _____	Company: _____

DATE/TIME STAMP
 2/20/07
 14:50

DATE/TIME STAMP
 2/20/07
 16:29

White - EMA Canary - Accounting Pink - Client (w/Report) Goldendrod - Client (Relinquish Samples)

*Additional costs may apply, consult a project manager for details.
 *EMA reserves the right to return any samples that do not match our waste profile.
 Note: By relinquishing samples to EnviroMatrix Analytical, Inc., client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of the invoice. Sample(s) will be disposed of after 30 days unless otherwise noted. All work is subject to EMA's terms and conditions.



CITY OF SAN DIEGO

STORM WATER COMPLIANCE INSPECTION FOR INDUSTRIAL FACILITIES

Inspected by D-MAX Engineering, Inc.

COPY X-1
18 MAY 07

Inspector Name: Peter Smith Date: 2/27/07 Time: 1:00 AM (PM)

Type of Inspection: Full Insp. Could not Contact Low Commercial Moved, Vacant Refused

Routine Follow-up Moved, Replaced by _____ Follow-up (i.e. not full)

Complaint Investigation Out of Jurisdiction Duplicate of: _____ Reclassified

A. CONTACT INFORMATION

Business Name: Original Tanox West, Inc.



Tanox, Inc.

Street Address: 11011 Torreyana Rd. San Diego, CA 92121

Responsible Person(s): Saya Goodwin

Judi Gaither
Facility Services Coordinator

Title: Manager of Purchasing & materials

Business Telephone #: (858) 373-3000 ext. _____

Direct Phone: (858) 373-3661
Cell: (858) 864-6576
jgaither@tanox.com
www.tanox.com

11011 Torreyana Road
San Diego, CA 92121-1104
Fax: (858) 373-3601

Business Fax #: _____

Home Based? Yes No

Facility personnel present: Judi Gaither - Facility Services Coordinator

B. FACILITY/SITE INFORMATION

Principal activity: Manufacturing of Pharmaceutical products

Assigned JURMP Classification: High Ind Medium Ind Low Ind High Comm Unassigned

Is this facility listed on the current year's inspection list? Yes No

Assigned NAICS code(s) 32541 and/or SIC Code(s) 2834

Does NAICS Code best represent principal activity: Yes No SIC? Yes No

Recommended change of NAICS Code(s)? _____ Of SIC? _____

New JURMP Classification? _____

Does facility have a current business certificate? Yes No # B2005001487 Exp. 1/31/08

Is facility subject to CA Statewide General Industrial Permit? Mandatory Conditional No

If yes, does facility have a Notice of Non-Applicability (NONA/NEC)? Yes No

If no, has facility filed a Notice of Intent (NOI) to obtain coverage? Yes No WDID: 9 3710 19266

Has facility filed a Notice Of Termination (NOT) for the WDID# listed above? Yes No Approval date: _____

Does facility maintain SWPPP or BMP Plan? Yes No month/yr

Does facility have a storm water monitoring program? Yes No

Existing Status: High Ind Med Ind Low Ind High Comm Moved/Out of Business Dup Low Comm
 Municipal Out of Jurisdiction

Existing NAICS code(s) 32541 and SIC Code(s) 2834

C. INITIAL OBSERVATIONS

Nearest receiving water body: Los Penasquitos Creek Hydrologic Area (9XX.X): 900.1

Approximate distance to receiving water body: < 200 ft. 200 - 1000 ft. > 1000 ft.

Sensitivity of receiving waters: Sensitive (ESA, 303(d), or other) Non-sensitive

Discharge points along perimeter: Several storm drains around the facility.

Discharge observed: Yes No

If yes, describe: Storm water runoff

Approximate area covered by industrial or commercial activities: 70,000 square feet

Approximate % impervious surface of this area 90 %
 Exposed areas of intensive outdoor activity: Storage area, parking

D. BMP ASSESSMENT

BMPs	N/A	Yes	No	Comments
D.1 General				
Is the site free of litter and debris?		X		
Are discharge locations free of sediment and debris?		X		
Are parking lots, sidewalks and streets free of sediment and debris?			X	- pollen dust throughout bottom parking lot
Is pressure washing of parking lots or sidewalks conducted at the facility?			X	
If yes, is wash water captured?	X			
Are roof downspouts directly away from areas of potential pollutants?		X		
D.2 Landscaping				
Are adequate erosion prevention measures employed? (vegetation or physical stabilization)		X		
Are irrigation systems programmed to minimize over-watering and runoff?		X		
Are stockpiles of soil or landscape waste equipped to prevent runoff transport?	X			
D.3 Materials and Wastes				
Are adequate trash containers provided?		X		
Are adequate recycling containers provided?		X		
Is the trash/recycling area enclosed?		X		- lids closed
Is the trash/recycling area free of litter and debris, liquids, powders, particulates, etc?		X		
Is timely service and removal provided to prevent waste containers and sanitary facilities from overflowing?		X		
Are outdoor material storage areas adequately covered?		X		
Do outdoor material storage areas have adequate secondary containment?		X		
Are outdoor storage containers properly labeled?		X		
Is there an accessible, functional spill response kit?		X		
Are storage tanks equipped with secondary containment?		X		
Is secondary containment free of spills and rainwater?			X	- some rainwater from recent storm
Are loading and unloading areas free of spills and debris?		X		
D.4 Equipment and Vehicles				
Are exposed parking areas free of significant spills and leaks?		X		
Are heavy equipment and vehicles stored in garages or under canopies?		X		- forklift
Are vehicle maintenance activities conducted within contained areas (garage, canopy, work shop)?	X			
Are vehicle-fueling areas covered and are storm drain inlets in/around the fueling area protected from spills and leaks?	X			

BMPs	N/A	Yes	No	Comments
Is vehicle washing performed in a contained area where runoff does not enter the MS4?	<input checked="" type="checkbox"/>			

D.5 Non Storm Water Management

Is the site free of evidence of illicit connections and illegal discharges?		<input checked="" type="checkbox"/>		
If not, have the appropriate authorities been notified?	<input checked="" type="checkbox"/>			

D.6 Other

Are there any other potential storm water pollution issues or concerns? If yes, explain below.			<input checked="" type="checkbox"/>	
Are all applicable activity-specific BMPs from Appendix C of the JURMP being implemented?		<input checked="" type="checkbox"/>		
Were any educational materials distributed?			<input checked="" type="checkbox"/>	NOI NONA/NEC 3Cs

D.7 BMP Summary

- Tanox West, Inc. is a facility that manufactures pharmaceutical products.
- All manufacturing, testing and laboratory activities are conducted within the facility.
- The facility maintains some outdoor storage. All material or equipment are stored with overhead cover, and have minimal contact with rain.
- All hazardous materials/chemicals are stored under cover and are equipped with secondary containment.
- The facilities storm water drainage is plumbed so that storm water is contained on site and can be released from a valve. This is also the location of storm water sampling. Sampling results indicate effective BMPs. pH is tested before storm water release.
- Some pollen debris was noted throughout one of the parking lots.

E. SWPPP/BMP PLAN AND/OR STORM WATER MONITORING PLAN

SWPPP Component	Does facility maintain a SWPPP/BMP Plan: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown <input type="checkbox"/> N/A				Comments
	Provided	Adequate			
Site Map/Description.....	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Materials List.....	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Significant Spills/Leaks.....	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Pollution Prevention Team..... <small>(Identification of current team members.)</small>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Industrial Activities.....	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Pollutant Sources/Risks.....	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Compliance Activity Schedule..... <small>(Procedures to conduct annual site compliance evaluation.)</small>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Employee Training.....	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Accessible to staff.....	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Storm Water BMPs.....	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

*The SWPPP review portion of the inspection focuses mainly on proposed BMPs and monitoring practices. It is not intended to be a comprehensive assessment of compliance with all SWPPP-related requirements of the General Industrial Permit.

E.2 STORM WATER MONITORING PROGRAM

- Does this facility have a storm water monitoring program? Yes No N/A
- Was appropriate monitoring conducted during the most recent wet season? Yes No
- If not, does the facility have documentation of no qualifying rain events? Yes No
- If not, is the facility in a GMP and not scheduled for most recent year? Yes No
- Do monitoring results show that existing BMPs are effective in removing pollutants? Yes No None Available
- If not, were potential sources of the identified pollutants observed during the inspection? Yes No
- If yes, list the potential sources and their associated pollutants: _____

Exceedances Noted (list dates, locations, constituent(s) and numeric value(s)):

5/22/06 All below benchmarks, 2/28/06 All below benchmarks

As for 2006-2007 season, one set of sampling results back
Specific Conductance = 375 mg/L

F. RECOMMENDED CORRECTIVE ACTION (BMP-RELATED)*

Is BMP-related corrective action needed? Yes No

If BMP-related corrective action is required, see below. For other corrective action, please see Section G.

Please refer to <http://www.sandiego.gov/thinkblue/programs/industrial.shtml> for more information on BMP implementation options.

~~- Attempt to clean up pollen debris from the parking lot.
If sweeping is not effective, power washing may be
conducted as long as all wash water is collected and prevented
from entering the storm water system.~~

Based on inspection findings, it appears likely that significant levels of _____ would be present in storm water discharges from this site. Take action to reduce the levels of _____ to the maximum extent practicable. Treatment control BMPs are likely necessary. More information about BMP options can be found at the website listed in Section F of the inspection form.

*Recommended corrective actions listed at the time of inspection are subject to change based on later review by office staff.

Owner/operator has been notified of recommended corrective actions both verbally and by: Hand Mail Fax

G. VIOLATIONS*

- No violations have been noted at this time
- No violations have been noted, but recommend taking corrective action described in Section F.
- Violation of the City's storm water ordinance:
 - Illegal discharge(s) of pollutants to the storm drain system or to receiving waters
- Description _____
- Illegal connection(s) to the storm drain system
- Location _____
- Littering
- Failure to properly implement required BMPs
- Failure to comply with the storm water monitoring requirements for high priority industrial facilities
- Non-compliance with the State Industrial Storm Water General Permit.
 - In the future, under a new Industrial Permit, which has not yet been adopted, this facility may be able to qualify for exemption from Permit coverage based on no outdoor exposure.
- Other Violation noted _____

SPECIFIC ACTION(S) REQUIRED TO CORRECT THE VIOLATION DESCRIBED ABOVE*:

- Implement the recommended corrective actions listed in Section F.
- File a Notice of Intent (NOI) with the State Water Resources Control Board (SWRCB) to obtain coverage under the Industrial Permit—see Attachment 3 of the Industrial Permit (www.waterboards.ca.gov/stormwtr/industrial.html).
- For "Conditional" facilities only: if you implement all the recommended BMPs and eliminate outdoor exposure, contact the City to request a re-inspection. If it is determined that you qualify, NONA/NEC paperwork will be provided for you to complete, and you will not have to file an NOI.
- Develop and implement a Storm Water Pollution Prevention Plan (SWPPP)—see Section A of the Industrial Permit.
- Develop and implement a storm water monitoring program—see section B of the Industrial Permit for guidelines.
- Complete the provided Notice of Non-Applicability (NONA) and accompanying No Exposure Certification (NEC).

Additional notes and/or actions required:

H. RECOMMENDED CITY ACTIONS*

Is a follow-up inspection recommended for this business? Yes No

ASSESSMENT

Level of knowledge regarding stormwater issues: 1 2 3 4 5

Level of cleanliness, BMP implementation, orderliness of site: 1 2 3 4 5

*Violations, corrective actions, and recommended City actions listed at the time of inspection are subject to change based on later review by office staff.

D. POLLUTANT DISCHARGE POTENTIAL ASSESSMENT, PEÑASQUITOS WATERSHED¹

Site Name: Tanox, Inc.

Pollutant	RW 303(d) (Y/N)	WS COC (Y/N)	PDP	Sources Needing More BMPs							Recommended BMPs (check if applicable)			
				Trash Area	Material Storage	Prkng Lot	Load/Unload	Land-scape	Veh/Equip Maint	Exposed Work Area	Emp. Training	House-keeping	Minor Struct.	Major Struct.
Sediments		X	2											
Nutrients			2											
Aluminum			2											
Iron			2											
Heavy Metals		Cu	2											

Check if evidence indicates specific metals may have significant PDPs: Copper Cadmium Lead Zinc Mercury

Organic Compounds			2											
-------------------	--	--	---	--	--	--	--	--	--	--	--	--	--	--

Check if evidence indicates there may be historical soil contamination associated with any of the following: PCBs PAHs Chlordane DDT

Trash & Debris			3			X							X	
Oxygen Demanding			2											
Oil & Grease			2											
Bacteria & Viruses		X	2											
Pesticides		Diaz, Chlor	1											

Check if evidence indicates the following are used on site: Diazinon Chlorpyrifos Malathion

Acid/Base (pH effects)			2											
Others ² (list):														

"RW 303(d)" = Receiving water impairments, as listed in the most recent 303(d) list

"WS COC" = High priority watershed constituents of concern (COC), as listed in the most recent WURMP Annual Report

"PDP" = pollutant discharge potential.

"Emp. Training" = employee training activities focused on storm water pollution prevention

"Housekeeping" = standard good housekeeping BMPs, such as sweeping, regular trash pickup, etc.

"Minor Struct." = minor structural BMPs that do not require building permits, such as covering with tarps or building berms

"Major Struct." = major structural BMPs that require a building permit or are especially expensive, such as detention basins, oil/water separators, grease interceptors, overhead coverage for storage areas, etc.

Criteria

- 0 - no appreciable quantity observed on site
- 1 - very small potential for pollutant discharge; monitoring results* are well below the EPA benchmark
- 2 - Small potential for pollutant discharge; monitoring results* are close to the EPA benchmark but still below it
- 3 - Moderate potential for pollutant discharge; monitoring results* are at or slightly above the EPA benchmark
- 4 - Large potential for pollutant discharge; monitoring results* above the EPA benchmark but are within an order of magnitude
- 5 - Severe potential for pollutant discharge; monitoring results* exceed the EPA benchmark by an order of magnitude or more

Notes

1. Los Peñasquitos Lagoon is 303(d) listed for sedimentation/siltation, but currently none of the creeks tributary to it are 303(d) listed. It is not too likely a site will discharge directly to Peñasquitos Lagoon.
2. TDS is a COC in this watershed. If you see sources of TDS, note them in the "other" row.

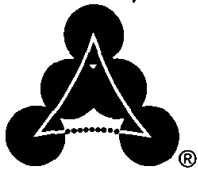
* if available

Tony.

25 JUN 07

Enclosed is a copy of our annual report. I had mistakenly sent the report to Sacramento until you clarified for me last week. I can now see that it should go to "LOCAL" division. I apologize for the delay.

Thank you
Jude Sauter



Tanox, Inc.

CORPORATE
10555 Stella Link
Houston, TX 77025-5631
(713) 578-4000 • (713) 578-5005 (Fax)

MAILING ADDRESS
10301 Stella Link
Houston, TX 77025-5445
(713) 578-4000 • (713) 578-5004 (Fax)

State Water Resources Control Board
Division of Water Quality
Attn: Storm Water Section
P.O. Box 1977
Sacramento, CA 95812-1977

Re: 2006-2007 Annual Report

To Whom It May Concern:

Enclosed are our 2006-2007 Annual Report and other supporting documentation related to the Annual Report.

General Information Section:

Please see Corrections.

Section E.11:

Attached are the two analytical reports required. Also attached is a spreadsheet we use internally to document when and how we discharge and sample water. We began using this spreadsheet for Wet Season 2006. Visual observations are always made prior to release of storm water and a pH test is completed prior to releasing.

Monthly inspections are completed during regular maintenance rounds. These regular monthly inspections are not documented. We did not allow anything but storm water to go into the drains. We did not release any non-stormwater discharges.

Item G.1. Explanation for "No":

October, December, January, and May there were no eligible storm events and due to the minimal amount of rain, we did not require any storm water releases. The storm water remained in a sump until which time it was necessary to release.

Also attached is a **Copy of the City of San Diego Storm Water Compliance Inspection** for Industrial Facilities completed on 27Feb07.

If there are any questions, please contact Judi Gaither at 858-373-3601.

Best Regards,

Judi Gaither
Senior Facilities Coordinator

2001 JUN 27 P 4:43
SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
2006-2007 ANNUAL REPORT
FOR STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

Reporting Period July 1, 2006 through June 30, 2007

An Annual Report is required to be submitted to your local Regional Water Quality Control Board (Regional Board) by July 1 of each year. This document must be certified and signed, under penalty of perjury, by the appropriate official of your company. Many of the Annual Report questions require an explanation. Please provide explanations on a separate sheet as an attachment. Retain a copy of the completed Annual Report for your records.

Please circle or highlight any information contained in Items A, B, and C below that is new or revised so we can update our records. Please remember that a Notice of Termination and new Notice of Intent are required whenever a facility operation is relocated or changes ownership.

If you have any questions, please contact your Regional Board Industrial Storm Water Permit Contact. The names, telephone numbers, and e-mail addresses of the Regional Board contacts, as well as the Regional Board Offices addresses are indicated below.

REGIONAL BOARD INFORMATION:

San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA 92123

Contact: Tony Felix
Tel: (858) 636-3134
Email: Tfelix@waterboards.ca.gov

GENERAL INFORMATION

A. Facility Information:

Tanox West Inc
11011 Torreyana Rd
San Diego, CA 92121
WDID No: 9 371019266

Facility Contact: ~~McKinney Sam~~
Email: ~~GAITHER, JUDI~~
Phone: ~~743-578-4040~~

858-361-3661 OR 858-864-6576

SIC Code(s):

2834 Pharmaceutical Preparations

2007 JUN 27 P 4:43
SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD

B. Facility Operator Information:

~~tanox west inc~~ *Tanox West, Inc*
~~10555 Stella Link Rd~~ *11011 Torreyana Rd*
~~Houston, TX 77025~~ *San Diego CA 92121*

Operator Contact: ~~Sam McKinney~~
Email: ~~GAITHER, JUDI~~
Phone: ~~743-578-4040~~

858-373-3601 OR 858-864-6576

C. Facility Billing Information:

~~tanox west inc~~ *OK*
~~10555 Stella Link Rd~~
~~Houston, TX 77025~~

Billing Contact: ~~Sam McKinney~~
Email: ~~Judi Gaither~~ *Jgaither@tanox.com*
Phone: ~~743-578-4040~~

SAME AS ABOVE

2006-2007
ANNUAL REPORT

SPECIFIC INFORMATION

MONITORING AND REPORTING PROGRAM

D. SAMPLING AND ANALYSIS EXEMPTIONS AND REDUCTIONS

1. For the reporting period, was your facility exempt from collecting and analyzing samples from two storm events in accordance with sections B.12 or 15 of the General Permit?

YES Go to Item D.2 NO Go to Section E

2. Indicate the reason your facility is exempt from collecting and analyzing samples from two storm events. Attach a copy of the first page of the appropriate certification if you check boxes ii, iii, iv, or v.

i. Participating in an Approved Group Monitoring Plan Group Name: _____

ii. Submitted No Exposure Certification (NEC) Date Submitted: _____
Re-evaluation Date: _____

Does facility continue to satisfy NEC conditions? YES NO

iii. Submitted Sampling Reduction Certification (SRC) Date Submitted: _____
Re-evaluation Date: _____

Does facility continue to satisfy SRC conditions? YES NO

iv. Received Regional Board Certification Certification Date: _____

v. Received Local Agency Certification Certification Date: _____

3. If you checked boxes i or iii above, were you scheduled to sample one storm event during the reporting year?

YES Go to Section E NO Go to Section F

4. If you checked boxes ii, iv, or v, go to Section F.

E. SAMPLING AND ANALYSIS RESULTS

1. How many storm events did you sample? 2 If less than 2, attach explanation (If you checked item D.2.i or iii. above, only attach explanation if you answer "0").

2. Did you collect storm water samples from the first storm of the wet season that produced a discharge during scheduled facility operating hours? (Section B.5 of the General Permit)

YES NO, attach explanation (Please note that if you do not sample the first storm event, you are still required to sample 2 storm events)

3. How many storm water discharge locations are at your facility? 1

4. For each storm event sampled, did you collect and analyze a sample from each of the facility's storm water discharge locations? YES, go to Item E.6 NO
5. Was sample collection or analysis reduced in accordance with Section B.7.d of the General Permit? **N/A.** YES NO, attach explanation
- If "YES", attach documentation supporting your determination that two or more drainage areas are substantially identical.
- Date facility's drainage areas were last evaluated _____
6. Were all samples collected during the first hour of discharge? YES NO, attach explanation
7. Was all storm water sampling preceded by three (3) working days without a storm water discharge? YES NO, attach explanation
8. Were there any discharges of stormwater that had been temporarily stored or contained? (such as from a pond) YES NO, go to Item E.10
9. Did you collect and analyze samples of temporarily stored or contained storm water discharges from two storm events? (or one storm event if you checked item D.2.i or ii. above) YES NO, attach explanation
10. Section B.5. of the General Permit requires you to analyze storm water samples for pH, Total Suspended Solids (TSS), Specific Conductance (SC), Total Organic Carbon (TOC) or Oil and Grease (O&G), other pollutants likely to be present in storm water discharges in significant quantities, and analytical parameters listed in Table D of the General Permit.
- a. Does Table D contain any additional parameters related to your facility's SIC code(s)? YES NO, Go to Item E.11
- b. Did you analyze all storm water samples for the applicable parameters listed in Table D? YES NO
- c. If you did not analyze all storm water samples for the applicable Table D parameters, check one of the following reasons:
- _____ In prior sampling years, the parameter(s) have not been detected in significant quantities from two consecutive sampling events. **Attach explanation**
- _____ The parameter(s) is not likely to be present in storm water discharges and authorized non-storm water discharges in significant quantities based upon the facility operator's evaluation. **Attach explanation**
- _____ Other. **Attach explanation**
11. For each storm event sampled, attach a copy of the laboratory analytical reports and report the sampling and analysis results using Form 1 or its equivalent. The following must be provided for each sample collected:
- Date and time of sample collection
 - Name and title of sampler.
 - Parameters tested.
 - Name of analytical testing laboratory.
 - Discharge location identification.
 - Testing results.
 - Test methods used.
 - Test detection limits.
 - Date of testing.
 - Copies of the laboratory analytical results.

F. QUARTERLY VISUAL OBSERVATIONS

1. Authorized Non-Storm Water Discharges

Section B.3.b of the General Permit requires quarterly visual observations of all authorized non-storm water discharges and their sources.

a. Do authorized non-storm water discharges occur at your facility?

YES NO Go to Item F.2

b. Indicate whether you visually observed all authorized non-storm water discharges and their sources during the quarters when they were discharged. Attach an explanation for any "NO" answers. Indicate "N/A" for quarters without any authorized non-storm water discharges.

July -September YES NO N/A October-December YES NO N/A

January-March YES NO N/A April-June YES NO N/A

c. Use Form 2 to report quarterly visual observations of authorized non-storm water discharges or provide the following information.

- i. name of each authorized non-storm water discharge
- ii. date and time of observation
- iii. source and location of each authorized non-storm water discharge
- iv. characteristics of the discharge at its source and impacted drainage area/discharge location
- v. name, title, and signature of observer
- vi. any new or revised BMPs necessary to reduce or prevent pollutants in authorized non-storm water discharges. Provide new or revised BMP implementation date.

2. Unauthorized Non-Storm Water Discharges

Section B.3.a of the General Permit requires quarterly visual observations of all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources.

a. Indicate whether you visually observed all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources. Attach an explanation for any "NO" answers.

July -September YES NO October-December YES NO

January-March YES NO April-June YES NO

b. Based upon the quarterly visual observations, were any unauthorized non-storm water discharges detected?

YES NO Go to item F.2.d

c. Have each of the unauthorized non-storm water discharges been eliminated or permitted?

*N/A
6-15-00*

YES NO Attach explanation

d. Use Form 3 to report quarterly unauthorized non-storm water discharge visual observations or provide the following information.

- i. name of each unauthorized non-storm water discharge.
- ii. date and time of observation.
- iii. source and location of each unauthorized non-storm water discharge.
- iv. characteristics of the discharge at its source and impacted drainage area/discharge location.
- v. name, title, and signature of observer.
- vi. any corrective actions necessary to eliminate the source of each unauthorized non-storm water discharge and to clean impacted drainage areas. Provide date unauthorized non-storm water discharge(s) was eliminated or scheduled to be eliminated.

G. MONTHLY WET SEASON VISUAL OBSERVATIONS

Section B.4.a of the General Permit requires you to conduct monthly visual observations of storm water discharges at all storm water discharge locations during the wet season. These observations shall occur during the first hour of discharge or, in the case of temporarily stored or contained storm water, at the time of discharge.

1. Indicate below whether monthly visual observations of storm water discharges occurred at all discharge locations. Attach an explanation for any "NO" answers. Include in this explanation whether any eligible storm events occurred during scheduled facility operating hours that did not result in a storm water discharge, and provide the date, time, name and title of the person who observed that there was no storm water discharge.

	YES	NO		YES	NO
October	<input type="checkbox"/>	<input checked="" type="checkbox"/>	February	<input checked="" type="checkbox"/>	<input type="checkbox"/>
November	<input checked="" type="checkbox"/>	<input type="checkbox"/>	March	<input checked="" type="checkbox"/>	<input type="checkbox"/>
December	<input type="checkbox"/>	<input checked="" type="checkbox"/>	April	<input checked="" type="checkbox"/>	<input type="checkbox"/>
January	<input type="checkbox"/>	<input checked="" type="checkbox"/>	May	<input type="checkbox"/>	<input checked="" type="checkbox"/>

2. Report monthly wet season visual observations using Form 4 or provide the following information.
- date, time, and location of observation
 - name and title of observer
 - characteristics of the discharge (i.e., odor, color, etc.) and source of any pollutants observed.
 - any new or revised BMPs necessary to reduce or prevent pollutants in storm water discharges. Provide new or revised BMP implementation date.

ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION (ACSCE)

H. ACSCE CHECKLIST

Section A.9 of the General Permit requires the facility operator to conduct one ACSCE in each reporting period (July 1- June 30). Evaluations must be conducted within 8-16 months of each other. The SWPPP and monitoring program shall be revised and implemented, as necessary, within 90 days of the evaluation. The checklist below includes the minimum steps necessary to complete a ACSCE. Indicate whether you have performed each step below. Attach an explanation for any "NO" answers.

1. Have you inspected all potential pollutant sources and industrial activities areas? YES NO
The following areas should be inspected:
- areas where spills and leaks have occurred during the last year.
 - outdoor wash and rinse areas.
 - process/manufacturing areas.
 - loading, unloading, and transfer areas.
 - waste storage/disposal areas.
 - dust/particulate generating areas.
 - erosion areas.
 - building repair, remodeling, and construction
 - material storage areas
 - vehicle/equipment storage areas
 - truck parking and access areas
 - rooftop equipment areas
 - vehicle fueling/maintenance areas
 - non-storm water discharge generating areas
2. Have you reviewed your SWPPP to assure that its BMPs address existing potential pollutant sources and industrial activities areas? YES NO
3. Have you inspected the entire facility to verify that the SWPPP's site map, is up-to-date? The following site map items should be verified: YES NO
- facility boundaries
 - outline of all storm water drainage areas
 - areas impacted by run-on
 - storm water discharges locations
 - storm water collection and conveyance system
 - structural control measures such as catch basins, berms, containment areas, oil/water separators, etc.

4. Have you reviewed all General Permit compliance records generated since the last annual evaluation? YES NO

The following records should be reviewed:

- quarterly authorized non-storm water discharge visual observations
- monthly storm water discharge visual observation
- records of spills/leaks and associated clean-up/response activities
- quarterly unauthorized non-storm water discharge visual observations
- Sampling and Analysis records
- preventative maintenance inspection and maintenance records

5. Have you reviewed the major elements of the SWPPP to assure compliance with the General Permit? YES NO

The following SWPPP items should be reviewed:

- pollution prevention team
- list of significant materials
- description of potential pollutant sources
- assessment of potential pollutant sources
- identification and description of the BMPs to be implemented for each potential pollutant source

6. Have you reviewed your SWPPP to assure that a) the BMPs are adequate in reducing or preventing pollutants in storm water discharges and authorized non-storm water discharges, and b) the BMPs are being implemented? YES NO

The following BMP categories should be reviewed:

- good housekeeping practices
- spill response
- employee training
- erosion control
- quality assurance
- preventative maintenance
- material handling and storage practices
- waste handling/storage
- structural BMPs

7. Has all material handling equipment and equipment needed to implement the SWPPP been inspected? YES NO

I. ACSCE EVALUATION REPORT

The facility operator is required to provide an evaluation report that includes:

- identification of personnel performing the evaluation
- the date(s) of the evaluation
- necessary SWPPP revisions
- schedule for implementing SWPPP revisions
- any incidents of non-compliance and the corrective actions taken.

Use Form 5 to report the results of your evaluation or develop an equivalent form.

J. ACSCE CERTIFICATION

The facility operator is required to certify compliance with the Industrial Activities Storm Water General Permit. To certify compliance, both the SWPPP and Monitoring Program must be up to date and be fully implemented.

Based upon your ACSCE, do you certify compliance with the Industrial Activities Storm Water General Permit? YES NO

If you answered "NO" attach an explanation to the ACSCE Evaluation Report why you are not in compliance with the Industrial Activities Storm Water General Permit.

ATTACHMENT SUMMARY

Answer the questions below to help you determine what should be attached to this annual report. Answer NA (Not Applicable) to questions 2-4 if you are not required to provide those attachments.

- 1. Have you attached Forms 1,2,3,4, and 5 or their equivalent? YES (Mandatory)

- 2. If you conducted sampling and analysis, have you attached the laboratory analytical reports? YES NO NA

- 3. If you checked box II, III, IV, or V in item D.2 of this Annual Report, have you attached the first page of the appropriate certifications? YES NO NA

- 4. Have you attached an explanation for each "NO" answer in items E.1, E.2, E.5-E.7, E.9, E.10.c, F.1.b, F.2.a, F.2.c, G.1, H.1-H.7, or J? YES NO NA

ANNUAL REPORT CERTIFICATION

I am duly authorized to sign reports required by the INDUSTRIAL ACTIVITIES STORM WATER GENERAL PERMIT (see Standard Provision C.9) and I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those person directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Printed Name: Judi Geuther
Signature: Judi Geuther Date: 25 JUN 07
Title: Senior Facilities Coordinator

2006-2007
ANNUAL REPORT

DESCRIPTION OF BASIC ANALYTICAL PARAMETERS

The Industrial Activities Storm Water General Permit (General Permit) requires you to analyze storm water samples for at least four parameters. These are pH, Total Suspended Solids (TSS), Specific Conductance (SC), and Total Organic Carbon (TOC). Oil and Grease (O&G) may be substituted for TOC. In addition, you must monitor for any other pollutants which you believe to be present in your storm water discharge as a result of industrial activity and analytical parameters listed in Table D of the General Permit. There are no numeric limitations for the parameters you test for.

The four parameters which the General Permit requires to be tested are considered *indicator* parameters. In other words, regardless of what type of facility you operate, these parameters are nonspecific and general enough to usually provide some indication whether pollutants are present in your storm water discharge. The following briefly explains what each of these parameters mean:

pH is a numeric measure of the hydrogen-ion concentration. The neutral, or acceptable, range is within 6.5 to 8.5. At values less than 6.5, the water is considered acidic; above 8.5 it is considered alkaline or basic. An example of an acidic substance is vinegar, and an alkaline or basic substance is liquid antacid. Pure rainfall tends to have a pH of a little less than 7. There may be sources of materials or industrial activities which could increase or decrease the pH of your storm water discharge. If the pH levels of your storm water discharge are high or low, you should conduct a thorough evaluation of all potential pollutant sources at your site.

Total Suspended Solids (TSS) is a measure of the undissolved solids that are present in your storm water discharge. Sources of TSS include sediment from erosion of exposed land, and dirt from impervious (i.e. paved) areas. Sediment by itself can be very toxic to aquatic life because it covers feeding and breeding grounds, and can smother organisms living on the bottom of a water body. Toxic chemicals and other pollutants also adhere to sediment particles. This provides a medium by which toxic or other pollutants end up in our water ways and ultimately in human and aquatic life. TSS levels vary in runoff from undisturbed land. It has been shown that TSS levels increase significantly due to land development.

Specific Conductance (SC) is a numerical expression of the ability of the water to carry an electric current. SC can be used to assess the degree of mineralization, salinity, or estimate the total dissolved solids concentration of a water sample. Because of air pollution, most rain water has a SC a little above zero. A high SC could affect the usability of waters for drinking, irrigation, and other commercial or industrial use.

Total Organic Carbon (TOC) is a measure of the total organic matter present in water. (All organic matter contains carbon) This test is sensitive and able to detect small concentrations of organic matter. Organic matter is naturally occurring in animals, plants, and man. Organic matter may also be man made (so called synthetic organics). Synthetic organics include pesticides, fuels, solvents, and paints. Natural organic matter utilizes the oxygen in a receiving water to biodegrade. Too much organic matter could place a significant oxygen demand on the water, and possibly impact its quality. Synthetic organics either do not biodegrade or biodegrade very slowly. Synthetic organics are a source of toxic chemicals that can have adverse effects at very low concentrations. Some of these chemicals bioaccumulate in aquatic life. If your levels of TOC are high, you should evaluate all sources of natural or synthetic organics you may use at your site.

Oil and Grease (O&G) is a measure of the amount of oil and grease present in your storm water discharge. At very low concentrations, O&G can cause a sheen (that floating "rainbow") on the surface of water (1 qt. of oil can pollute 250,000 gallons of water). O&G can adversely affect aquatic life and create unsightly floating material and film on water, thus making it undrinkable. Sources of O&G include maintenance shops, vehicles, machines and roadways.

If you have any questions regarding whether or not your constituent concentrations are too high, please contact your local Regional Board office. The United States Environmental Protection Agency (USEPA) has published stormwater discharge benchmarks for a number of parameters. These benchmarks may be helpful when evaluating whether additional BMPs are appropriate. These benchmarks can be accessed at our website at <http://www.swrcb.ca.gov>. It is contained in the Sampling and Analysis Reduction Certification.

See Storm Water Contacts at

<http://www.waterboards.ca.gov/stormwtr/contact.html>

COPY

06-06-2007

Discharge and Observations of Slight Weather Details

Date	Time	Discharge? If discharge, indicate SW or NSW. Please explain if NSW.	Observation? (Oily sheen, debris, etc.) if applicable	If sample taken, what type (pH, Analytical?)	Employee
22 NOV 07	12:45	SW	None	ANALYTICAL	ERIK BERNHARDT
22 FEB 08	10:04	SW	NONE	pH	CHRISTOPHER WITTE
23 MAR 07	13:00	SW	N/A	pH	CHRISTOPHER WITTE

① Take Nines no longer at the company 06-06-2007

— **EnviroMatrix**



Analytical, Inc. —

07 December 2006

COPY JG 18JUN07

Tanox West, Inc.
Attn: Judi Gather
11011 Torreyana Rd.
San Diego, CA 92122

EMA Log #: 0611473

Project Name: Stormwater

Enclosed are the results of analyses for samples received by the laboratory on 11/27/06 16:35. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that this data is in compliance both technically and for completeness.

A handwritten signature in black ink, appearing to read 'Dan Verdon', written in a cursive style.

Dan Verdon
Laboratory Director

CA ELAP Certification #: 2564

Client Name: Tanox West, Inc.
Project Name: Stormwater

EMA Log #: 0611473

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Sample 001 (2006 WET)	0611473-01	Stormwater	11/27/06 12:40	11/27/06 16:35
Sample 002 (2006 WET)	0611473-02	Stormwater	11/27/06 12:40	11/27/06 16:35

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Client Name: Tanox West, Inc.
Project Name: Stormwater

EMA Log #: 0611473

Conventional Chemistry Parameters by Standard/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sample 001 (2006 WET) (0611473-01) Stormwater Sampled: 11/27/06 12:40 Received: 11/27/06 16:35									
Oil & Grease	ND	5	mg/l	1	6120602	12/06/06	12/06/06	EPA 1664	
Sample 002 (2006 WET) (0611473-02) Stormwater Sampled: 11/27/06 12:40 Received: 11/27/06 16:35									
Specific Conductance (EC)	375	1	umhos/cm	1	6112818	11/28/06	11/28/06	SM2510 B	
pH	6.98	0.10	pH Units	"	6112806	11/27/06	11/27/06	EPA 150.1	
Total Suspended Solids	ND	20	mg/l	"	6120421	11/29/06	12/04/06	SM2540 D	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: Tanox West, Inc.
 Project Name: Stormwater

EMA Log #: 0611473

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112806										
Duplicate (6112806-DUP1)		Source: 0611446-05			Prepared & Analyzed: 11/27/06					
pH	6.84	0.10	pH Units		6.81			0.4	20	
Reference (6112806-SRM1)		Prepared & Analyzed: 11/27/06								
pH	8.83	0.10	pH Units	9.10		97	97-103			
Batch 6112818										
Duplicate (6112818-DUP1)		Source: 0611482-03			Prepared & Analyzed: 11/28/06					
Specific Conductance (EC)	48	1	umhos/cm		48			0	20	
Reference (6112818-SRM1)		Prepared & Analyzed: 11/28/06								
Specific Conductance (EC)	297	1	umhos/cm	297		100	93-107			
Batch 6120421										
Duplicate (6120421-DUP1)		Source: 0611372-02			Prepared: 11/29/06 Analyzed: 12/04/06					
Total Suspended Solids	186	20	mg/l		182			2	20	
Reference (6120421-SRM1)		Prepared: 11/29/06 Analyzed: 12/04/06								
Total Suspended Solids	40	20	mg/l	37.4		107	78.6-110.10			
Batch 6120602										
Blank (6120602-BLK1)		Prepared & Analyzed: 12/06/06								
Oil & Grease	ND	5	mg/l							

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: Tanox West, Inc.
Project Name: Stormwater

EMA Log #: 0611473

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 6120602

LCS (6120602-BS1)

Prepared & Analyzed: 12/06/06

Oil & Grease	95	5	mg/l	111		86	75-125			
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LCS Dup (6120602-BSD1)

Prepared & Analyzed: 12/06/06

Oil & Grease	86	5	mg/l	92.2		93	75-125	10	20	
--------------	----	---	------	------	--	----	--------	----	----	--

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: Tanox West, Inc.
Project Name: Stormwater

EMA Log #: 0611473

Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CHAIN-OF-CUSTODY RECORD



EnviroMatrix Analytical, Inc.

4340 Viewridge Ave., Ste. A • San Diego, CA 92123 • Phone (858) 560-7717 • Fax (858) 560-7763

EMA DATE/TIME STAMP

EMA LOG #: 0611473

Client: TANOX, Inc
 Address: 11011 Torreyana Rd
San Diego CA 92122
 Attn: Judi Gauthier Phone: 858 864 6576
 Sampled by: Esteban Vito Fax: 858-373-3601
 Billing Address: Tanox West, Inc. Attn: AIP,
10301 Stella Link, Houston TX 77025,

EMA ID #	Client Sample ID	Sample Date	Sample Time	Sample Matrix	Container(s) # Type*
1	Sample 001 (2006-11-05)	27 NOV 06	12:40 W	W	1 G
2	Sample 002 (2006-11-05)	27 NOV 06	12:40 W	W	1 P
3					
4					
5					
6					
7					
8					
9					
10					

Project: PO #:

*Container Types: B=Brass Tubet V=VOA; G=Glass; P=Plastic; O=Other (list)
 Tamper-Proof Seals Intact: Yes No N/A Correct Containers: Yes No
 Sample(s): Cold Ambient Warm VOAs w/ZHS: Yes No N/A
 All Samples Properly Preserved: Yes No N/A
 Disposal: N/C (aqueous) *EMA (@\$5.00/sample) Return Hold
 Turnaround Time: 24 hr 48 hr 3 day 4 day 5 day Normal

RELIQUISHED BY: Judi Gauthier DATE/TIME: 11/27/06 15:10
 Signature: Judi Gauthier RECEIVED BY: Sameer Peck
 Print: Judi Gauthier Signature: Sameer Peck
 Company: TANOX Signature: EMA
 Signature: EMA Print: W LUCERO
 Company: EMA Company: EMA

Comments: T=906

*EMA reserves the right to return samples that do not match our waste profile.

NOV 27 2006 16:53

Requested Analysis	Result
Oil & Grease 4131, 4132, 4664	X
4181 (TRPH)	
TPH (8015B) Gas Dissl	
TPH-Extended 8015B ASTM D2887	
602 / 8021 BTXE MTBE	
601 / 8021 (Purgeable Halocarbons)	
608 / 8081 (Pesticides)	
608 / 8082 (PCB's)	
624 / 8260 (Volatile Organics)	
625 / 8270 (Semi Volatile Organics)	
TLC Metals (CAC Title 22)	
STLC Metals (CAC Title 22)	
TCLP (RCRA) Metals Organics	
Cr Cu Pb Ni Ag Zn	
Pb EC / TSS TDS	

White - EMA
 Pink - Client (w/Report)
 Canary - Accounting
 Goldenrod - Client (Relinquish Samples)

EnviroMatrix



Analytical, Inc.

INVOICE

COPY

Ja 18 JUN 07

Invoice To:

Judi Garther
Tanox West, Inc.
11011 Torreyana Rd.
San Diego, CA 92122

Invoice Number

7030103

Remit To:

Accounts Receivable
EnviroMatrix Analytical, Inc.
4340 Viewridge Ave., Ste. A
San Diego, CA 92123

Client Project Manager

Judi Garther

Invoiced On:

03/07/07

Received

02/20/07

Project

No Project

PO Number

Terms

NET 30

Project Number

SWPPP 2007 #2

Project Manager

Jamey A. Cote *JAC*

Work Order(s)

0702326

Quantity	Analysis/Description	Matrix	Unit Cost	Extended Cost
EnviroMatrix Analytical, Inc.				
1	Solids, TSS- Liquid [Normal TAT]	Water	\$25.00	\$25.00
1	pH water 150.1 [Normal TAT]	Water	\$20.00	\$20.00
1	O&G(1664)- Liquid [Normal TAT]	Water	\$70.00	\$70.00
1	Conductivity [Normal TAT]	Water	\$25.00	\$25.00
Additional Items				
1	Courier Fee		\$10.00	\$10.00
			Invoice Total:	\$150.00

— **EnviroMatrix**



Analytical, Inc. —

01 March 2007

Tanox West, Inc.
Attn: Judi Garther
11011 Torreyana Rd.
San Diego, CA 92122

EMA Log #: 0702326

Project Name: SWPPP 2007 #2

Enclosed are the results of analyses for samples received by the laboratory on 02/20/07 16:29. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that this data is in compliance both technically and for completeness.

A handwritten signature in black ink, appearing to read 'Dan Verdon', is written over a faint horizontal line.

Dan Verdon
Laboratory Director

CA ELAP Certification #: 2564

Client Name: Tanox West, Inc.
Project Name: SWPPP 2007 #2

EMA Log #: 0702326

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Sample 3 - Wet 2007	0702326-01	Water	02/20/07 09:00	02/20/07 16:29
Sample 4 - Wet 2007	0702326-02	Water	02/20/07 09:00	02/20/07 16:29

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: Tanox West, Inc.
Project Name: SWPPP 2007 #2

EMA Log #: 0702326

Conventional Chemistry Parameters by Standard/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sample 3 - Wet 2007 (0702326-01) Water Sampled: 02/20/07 09:00 Received: 02/20/07 16:29									
Oil & Grease	ND	5	mg/l	1	7022610	02/26/07	02/26/07	EPA 1664	
Sample 4 - Wet 2007 (0702326-02) Water Sampled: 02/20/07 09:00 Received: 02/20/07 16:29									
Specific Conductance (EC)	200	1	umbos/cm	1	7022734	02/28/07	02/28/07	SM2510 B	
pH	6.01	0.10	pH Units	"	7022105	02/20/07	02/20/07	EPA 150.1	
Total Suspended Solids	ND	20	mg/l	"	7022729	02/26/07	02/27/07	SM2540 D	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: Tanox West, Inc.
 Project Name: SWPPP 2007 #2

EMA Log #: 0702326

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7022105										
Duplicate (7022105-DUP1)		Source: 0702289-01		Prepared & Analyzed: 02/20/07						
pH	6.12	0.10	pH Units		6.10			0.3	20	
Reference (7022105-SRM1)		Prepared & Analyzed: 02/20/07								
pH	8.83	0.10	pH Units	9.10		97	97-103			
Batch 7022610										
Blank (7022610-BLK1)		Prepared & Analyzed: 02/26/07								
Oil & Grease	ND	5	mg/l							
LCS (7022610-BS1)		Prepared & Analyzed: 02/26/07								
Oil & Grease	88	5	mg/l	105		84	75-125			
LCS Dup (7022610-BSD1)		Prepared & Analyzed: 02/26/07								
Oil & Grease	88	5	mg/l	111		79	75-125	0	20	
Batch 7022729										
Duplicate (7022729-DUP1)		Source: 0702340-02		Prepared: 02/26/07 Analyzed: 02/27/07						
Total Suspended Solids	2	20	mg/l		2			0	20	
Reference (7022729-SRM1)		Prepared: 02/26/07 Analyzed: 02/27/07								
Total Suspended Solids	34	20	mg/l	37.4		91	78.6-110.1			
Batch 7022734										
Duplicate (7022734-DUP1)		Source: 0702323-02		Prepared & Analyzed: 02/27/07						
Specific Conductance (EC)	3	1	umhos/cm		3			0	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: Tanox West, Inc.
Project Name: SWPPP 2007 #2

EMA Log #: 0702326

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 7022734

Reference (7022734-SRM1)

Prepared & Analyzed: 02/27/07

Specific Conductance (EC)	288	1	umhos/cm	297	97	5.29-104.7			
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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Client Name: Tanox West, Inc.
Project Name: SWPPP 2007 #2

EMA Log #: 0702326

Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.





CITY OF SAN DIEGO

STORM WATER COMPLIANCE INSPECTION FOR INDUSTRIAL FACILITIES

Inspected by D-MAX Engineering, Inc.

COPY 18 MAY 07

Inspector Name: Peter Smith Date: 2/27/07 Time: 1:00 AM (PM)
 Type of Inspection: Result: Full Insp. Could not Contact Low Commercial Moved, Vacant Refused
 Routine Follow-up Moved, Replaced by _____ Follow-up (i.e. not full)
 Complaint Investigation Out of Jurisdiction Duplicate of: _____ Reclassified

A. CONTACT INFORMATION

Business Name: Original Tanox West, Inc.
 Street Address: 11011 Torreyana Rd. San Diego, CA 92121
 Responsible Person(s): Saya Goodwin
 Title: Manager of Purchasing & materials
 Business Telephone #: (858) 373-3606 ext. _____
 Business Fax #: () -
 Home Based? Yes No
 Facility personnel present: Judy Gaither - Facility Services Coordinator



Tanox, Inc.

Judi Gaither
Facility Services Coordinator

Direct Phone: (858) 373-3661
Call: (858) 864-6576
jgaither@tanox.com
www.tanox.com

11011 Torreyana Road
San Diego, CA 92121-1104
Fax: (858) 373-3601

B. FACILITY/SITE INFORMATION

Principal activity: Manufacturing of Pharmaceutical products

Assigned JURMP Classification: High Ind Medium Ind Low Ind High Comm Unassigned
 Is this facility listed on the current year's inspection list? Yes No
 Assigned NAICS code(s) 2854 and/or SIC Code(s) 2834
 Does NAICS Code best represent principal activity: Yes No SIC? Yes No
 Recommended change of NAICS Code(s)? _____ Of SIC? _____
 New JURMP Classification? _____

Does facility have a current business certificate? Yes No # B2005001487 Exp. 1/31/08
 Is facility subject to CA Statewide General Industrial Permit? Mandatory Conditional No
 If yes, does facility have a Notice of Non-Applicability (NONA/NEC)? Yes No
 If no, has facility filed a Notice of Intent (NOI) to obtain coverage? Yes No WDID: 9 371019266
 Has facility filed a Notice Of Termination (NOT) for the WDID# listed above? Yes No Approval date: _____
 Does facility maintain SWPPP or BMP Plan? Yes No
 Does facility have a storm water monitoring program? Yes No
 Existing Status: High Ind Med Ind Low Ind High Comm Moved/Out of Business Dup Low Comm
 Municipal Out of Jurisdiction
 Existing NAICS code(s) 2854 and SIC Code(s) 2834

C. INITIAL OBSERVATIONS

Nearest receiving water body: Los Penasquitos Creek Hydrologic Area (9XX.X): 907.1
 Approximate distance to receiving water body: < 200 ft. 200 - 1000 ft. > 1000 ft.
 Sensitivity of receiving waters: Sensitive (ESA, 303(d), or other) Non-sensitive
 Discharge points along perimeter: Several storm drains around the facility.
 Discharge observed: Yes No
 If yes, describe: Storm water runoff
 Approximate area covered by industrial or commercial activities: 70,000 square feet

Approximate % impervious surface of this area 90 %
 Exposed areas of intensive outdoor activity: Storage area, Parking

D. BMP ASSESSMENT

BMPs	N/A	Yes	No	Comments
D.1 General				
Is the site free of litter and debris?		X		
Are discharge locations free of sediment and debris?		X		
Are parking lots, sidewalks and streets free of sediment and debris?			X	- pollen dust throughout bottom parking lot
Is pressure washing of parking lots or sidewalks conducted at the facility?			X	
If yes, is wash water captured?	X			
Are roof downspouts directly away from areas of potential pollutants?		X		
D.2 Landscaping				
Are adequate erosion prevention measures employed? (vegetation or physical stabilization)		X		
Are irrigation systems programmed to minimize over-watering and runoff?		X		
Are stockpiles of soil or landscape waste equipped to prevent runoff transport?	X			
D.3 Materials and Wastes				
Are adequate trash containers provided?		X		
Are adequate recycling containers provided?		X		
Is the trash/recycling area enclosed?		X		- lids closed
Is the trash/recycling area free of litter and debris, liquids, powders, particulates, etc?		X		
Is timely service and removal provided to prevent waste containers and sanitary facilities from overflowing?		X		
Are outdoor material storage areas adequately covered?		X		
Do outdoor material storage areas have adequate secondary containment?		X		
Are outdoor storage containers properly labeled?		X		
Is there an accessible, functional spill response kit?		X		
Are storage tanks equipped with secondary containment?		X		
Is secondary containment free of spills and rainwater?			X	- some rainwater from recent storm
Are loading and unloading areas free of spills and debris?		X		
D.4 Equipment and Vehicles				
Are exposed parking areas free of significant spills and leaks?		X		
Are heavy equipment and vehicles stored in garages or under canopies?		X		- forklift
Are vehicle maintenance activities conducted within contained areas (garage, canopy, work shop)?	X			
Are vehicle-fueling areas covered and are storm drain inlets in/around the fueling area protected from spills and leaks?	X			

BMPs	N/A	Yes	No	Comments
Is vehicle washing performed in a contained area where runoff does not enter the MS4?	X			

D.5 Non Storm Water Management

Is the site free of evidence of illicit connections and illegal discharges?		X		
If not, have the appropriate authorities been notified?	X			

D.6 Other

Are there any other potential storm water pollution issues or concerns? If yes, explain below.			X	
Are all applicable activity-specific BMPs from Appendix C of the JURMP being implemented?		X		
Were any educational materials distributed?			X	NOI NON/NEC 3Cs

D.7 BMP Summary

- Tanox West, Inc is a facility that manufactures pharmaceutical products.
- All manufacturing, testing and laboratory activities are conducted within the facility.
- The facility maintains some outdoor storage. All material or equipment are stored with overhead cover, and have minimal contact with rain.
- All hazardous materials/chemicals are stored under cover and are equipped with secondary containment.
- The facilities storm water drainage is plumbed so that storm water is contained on site and can be released from a valve. This is also the location of storm water sampling. Sampling results indicate effective BMPs. pH is tested before storm water release.
- Some pollen debris was noted throughout one of the parking lots

E. SWPPP/BMP PLAN AND/OR STORM WATER MONITORING PLAN

SWPPP Component	Does facility maintain a SWPPP/BMP Plan:				Comments
	Provided	Adequate	Yes	No	
Site Map/Description.....	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Materials List.....	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Significant Spills/Leaks.....	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Pollution Prevention Team..... <small>(Identification of current team members.)</small>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Industrial Activities.....	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Pollutant Sources/Risks.....	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Compliance Activity Schedule..... <small>(Procedures to conduct annual site compliance evaluation.)</small>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Employee Training.....	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Accessible to staff.....	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Storm Water BMPs.....	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	

*The SWPPP review portion of the inspection focuses mainly on proposed BMPs and monitoring practices. It is not intended to be a comprehensive assessment of compliance with all SWPPP-related requirements of the General Industrial Permit.

E.2 STORM WATER MONITORING PROGRAM

- Does this facility have a storm water monitoring program? Yes No N/A
- Was appropriate monitoring conducted during the most recent wet season? Yes No
- If not, does the facility have documentation of no qualifying rain events? Yes No
- If not, is the facility in a GMP and not scheduled for most recent year? Yes No
- Do monitoring results show that existing BMPs are effective in removing pollutants? Yes No None Available
- If not, were potential sources of the identified pollutants observed during the inspection? Yes No
- If yes, list the potential sources and their associated pollutants: _____

Exceedances Noted (list dates, locations, constituent(s) and numeric value(s)):

5/22/06 All below benchmarks, 2/28/06 All below benchmarks

As for 2006-2007 season, one set of sampling results back
Specific Conductance = 375 mg/L

F. RECOMMENDED CORRECTIVE ACTION (BMP-RELATED)*

Is BMP-related corrective action needed? Yes No

If BMP-related corrective action is required, see below. For other corrective action, please see Section G.

Please refer to <http://www.sandiego.gov/thinkblue/programs/industrial.shtml> for more information on BMP implementation options.

~~Attempt to clean up pollen debris from the parking lot.~~
~~If sweeping is not effective, power washing may be~~
~~conducted as long as all wash water is collected and prevented~~
~~from entering the storm water system.~~

Based on inspection findings, it appears likely that significant levels of _____ would be present in storm water discharges from this site. Take action to reduce the levels of _____ to the maximum extent practicable. Treatment control BMPs are likely necessary. More information about BMP options can be found at the website listed in Section F of the inspection form.

*Recommended corrective actions listed at the time of inspection are subject to change based on later review by office staff.

Owner/operator has been notified of recommended corrective actions both verbally and by: Hand Mail Fax

G. VIOLATIONS*

- No violations have been noted at this time
- No violations have been noted, but recommend taking corrective action described in Section F.
- Violation of the City's storm water ordinance:
 - Illegal discharge(s) of pollutants to the storm drain system or to receiving waters
- Description _____
 - Illegal connection(s) to the storm drain system
- Location _____
 - Littering
 - Failure to properly implement required BMPs
 - Failure to comply with the storm water monitoring requirements for high priority industrial facilities
- Non-compliance with the State Industrial Storm Water General Permit
 - In the future, under a new Industrial Permit, which has not yet been adopted, this facility may be able to qualify for exemption from Permit coverage based on no outdoor exposure.
- Other Violation noted _____

SPECIFIC ACTION(S) REQUIRED TO CORRECT THE VIOLATION DESCRIBED ABOVE*:

- Implement the recommended corrective actions listed in Section F.
- File a Notice of Intent (NOI) with the State Water Resources Control Board (SWRCB) to obtain coverage under the Industrial Permit—see Attachment 3 of the Industrial Permit (www.waterboards.ca.gov/stormwtr/Industrial.html).
- For "Conditional" facilities only: if you implement all the recommended BMPs and eliminate outdoor exposure, contact the City to request a re-inspection. If it is determined that you qualify, NONA/NEC paperwork will be provided for you to complete, and you will not have to file an NOI.
- Develop and implement a Storm Water Pollution Prevention Plan (SWPPP)—see Section A of the Industrial Permit.
- Develop and implement a storm water monitoring program—see section B of the Industrial Permit for guidelines.
- Complete the provided Notice of Non-Applicability (NONA) and accompanying No Exposure Certification (NEC).

Additional notes and/or actions required:

H. RECOMMENDED CITY ACTIONS*

Is a follow-up inspection recommended for this business? Yes No

ASSESSMENT

Level of knowledge regarding stormwater issues: 1 2 3 4 5
Level of cleanliness, BMP implementation, orderliness of site: 1 2 3 4 5

*Violations, corrective actions, and recommended City actions listed at the time of inspection are subject to change based on later review by office staff.

D. POLLUTANT DISCHARGE POTENTIAL ASSESSMENT, PEÑASQUITOS WATERSHED¹

Site Name: Tanox, Inc.

Pollutant	RW 303(d) (Y/N)	WS COC (Y/N)	PDP	Sources Needing More BMPs							Recommended BMPs (check if applicable)			
				Trash Area	Material Storage	Prkng Lot	Load/Unload	Land-scape	Veh/Equip Maint	Exposed Work Area	Emp. Training	House-keeping	Minor Struct.	Major Struct.
Sediments		X	2											
Nutrients			2											
Aluminum			2											
Iron			2											
Heavy Metals		Cu	2											
Check if evidence indicates specific metals may have significant PDPs: <input type="checkbox"/> Copper <input type="checkbox"/> Cadmium <input type="checkbox"/> Lead <input type="checkbox"/> Zinc <input type="checkbox"/> Mercury														
Organic Compounds			2											
Check if evidence indicates there may be historical soil contamination associated with any of the following: <input type="checkbox"/> PCBs <input type="checkbox"/> PAHs <input type="checkbox"/> Chlordane <input type="checkbox"/> DDT														
Trash & Debris			3			X							X	
Oxygen Demanding			2											
Oil & Grease			2											
Bacteria & Viruses		X	2											
Pesticides		Diaz, Chlor	1											
Check if evidence indicates the following are used on site: <input type="checkbox"/> Diazinon <input type="checkbox"/> Chlorpyrifos <input type="checkbox"/> Malathion														
Acid/Base (pH effects)			2											
Others ² (list):														

"RW 303(d)" = Receiving water impairments, as listed in the most recent 303(d) list
 "WS COC" = High priority watershed constituents of concern (COC), as listed in the most recent WURMP Annual Report
 "PDP" = pollutant discharge potential
 "Emp. Training" = employee training activities focused on storm water pollution prevention
 "Housekeeping" = standard good housekeeping BMPs, such as sweeping, regular trash pickup, etc.
 "Minor Struct." = minor structural BMPs that do not require building permits, such as covering with tarps or building berms
 "Major Struct." = major structural BMPs that require a building permit or are especially expensive, such as detention basins, oil/water separators, grease interceptors, overhead coverage for storage areas, etc.

Criteria

- 0 - no appreciable quantity observed on site
- 1 - very small potential for pollutant discharge; monitoring results* are well below the EPA benchmark
- 2 - Small potential for pollutant discharge; monitoring results* are close to the EPA benchmark but still below it
- 3 - Moderate potential for pollutant discharge; monitoring results* are at or slightly above the EPA benchmark
- 4 - Large potential for pollutant discharge; monitoring results* above the EPA benchmark but are within an order of magnitude
- 5 - Severe potential for pollutant discharge; monitoring results* exceed the EPA benchmark by an order of magnitude or more

Notes

1. Los Peñasquitos Lagoon is 303(d) listed for sedimentation/siltation, but currently none of the creeks tributary to it are 303(d) listed. It is not too likely a site will discharge directly to Peñasquitos Lagoon.
 2. TDS is a COC in this watershed. If you see sources of TDS, note them in the "other" row.
- * if available



Linda S. Adams
Secretary for
Environmental Protection

California Regional Water Quality Control Board

San Diego Region

Over 50 Years Serving San Diego, Orange, and Riverside Counties
Recipient of the 2004 Environmental Award for Outstanding Achievement from USEPA



Arnold Schwarzenegger
Governor

9174 Sky Park Court, Suite 100, San Diego, California 92123-4353
(858) 467-2952 • Fax (858) 571-6972
<http://www.waterboards.ca.gov/sandiego>

September 8, 2008

In reply refer to:
CIWQS Place ID: 266929
Order Regulatory Measure ID: 291314
Unit Initials: PPeuron

Tanox West Inc
11011 Torreyana Rd
San Diego, CA 92121

**Subject: Notice of Violation: NPDES No. CAS000001: Order No. 97-03-DWQ:
Discharger Name: WDID 9 371019266: Failure to Submit 2007-2008
Industrial Storm Water Annual Report**

**Facility: Tanox West Inc
11011 Torreyana Rd
San Diego, CA 92121**

YOU ARE HEREBY NOTIFIED THAT:

You are in violation of the statewide General Industrial Storm Water Permit Order, No. 97-03-DWQ (Order) for failure to submit the 2007-2008 Annual Report. The Annual Report was due to the California Regional Water Quality Control Board, San Diego Region (Regional Board) by July 1, 2008 as required by Section B.14 of the Order.

Pursuant to California Water Code (CWC) Sections 13399.33 and 13385, your noncompliance for failure to submit the Annual Report subjects you to possible enforcement action by the Regional Board. Civil liability could range from a minimum of \$1,000 and up to \$10,000 a day for each day of violation, or up to \$25,000 a day if the liability is assessed by a court. You may also be subject to criminal prosecution under Section 13387 of the CWC. The number of days of violation would be counted from July 1, 2008, up to the date the 2007-2008 Annual Report is received. To minimize the potential liability assessed, please submit the Annual Report immediately.

Tanox West Inc
Notice of Violation

- 2 -

September 8, 2008

If you have any questions pertaining to the submission of the Annual Report, and or the issuance of this NOV, please contact Pete Peuron at (858) 637-7137, or by email at PPeuron@waterboards.ca.gov. If you feel you have received this NOV in error, please contact our office immediately.

Respectfully,



David Barker, P.E.
Supervising Water Resources Control Engineer
Surface Water Basins Branch

DTB:esb:jme

CIWQS:

Violation ID	783222
NOV Regulatory Measure	351703



Linda S. Adams
Secretary for
Environmental Protection

California Regional Water Quality Control Board San Diego Region

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<http://www.waterboards.ca.gov/sandiego>



Arnold Schwarzenegger
Governor

October 17, 2008

In reply refer to:
CIWQS Place ID: 266929
Order Regulatory Measure ID: 291314
Unit Initials: PPeuron

Tanox West Inc
11011 Torreyana Rd
San Diego, CA 92121

Subject: 2nd Notice of Violation: NPDES No. CAS000001: Order No. 97-03-DWQ: Tanox West Inc : WDID 9 37I019266 : Failure to Submit 2007-2008 Industrial Storm Water Annual Report

**Facility: Tanox West Inc
11011 Torreyana Rd
San Diego, CA 92121**

YOU ARE HEREBY NOTIFIED THAT:

On September 8, 2008, you were notified that you are in violation of the statewide General Industrial Storm Water Permit Order No. 97-03-DWQ (Order) for failure to submit the 2007-2008 Annual Report. The Annual Report was due to the California Regional Water Quality Control Board, San Diego Region (Regional Board) by July 1, 2008 as required by Section B.14 of the Order. To date, we have not received a report or response to this notification.

Pursuant to California Water Code (CWC) Sections 13399.33 and 13385, your continued noncompliance for failure to submit the Annual Report may subject you to escalated enforcement actions by the Regional Board. Civil liability could range from a minimum of \$1,000 and up to \$10,000 a day for each day of violation, or up to \$25,000 a day if the liability is assessed by a court. You may also be subject to criminal prosecution under Section 13387 of the CWC. The number of days of violation would be counted from July 1, 2008, up to the date the 2007-2008 Annual Report is received. To minimize the potential liability assessed, please submit the Annual Report immediately.

October 17, 2008

If you have any questions pertaining to the submission of the Annual Report, and or the issuance of this NOV, please contact Pete Peuron at (858) 637-7137, or by email at PPeuron@waterboards.ca.gov. If you feel you have received this NOV in error, please contact our office immediately.

Respectfully,



David Barker, P.E.
Supervising Water Resources Control Engineer
Surface Water Basins Branch

DTB:esb:jme

CIWQS:

Violation ID	783222
NOV Regulatory Measure	353882

State of California
STATE WATER RESOURCES CONTROL BOARD

SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD

2008-2009
ANNUAL REPORT

2009 JAN 22 P 1:17

FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

Reporting Period July 1, 2008 through June 30, 2009

An annual report is required to be submitted to your local Regional Water Quality Control Board (Regional Board) by July 1 of each year. This document must be certified and signed, under penalty of perjury, by the appropriate official of your company. Many of the Annual Report questions require an explanation. Please provide explanations on a separate sheet as an attachment. Retain a copy of the completed Annual Report for your records.

Please circle or highlight any information contained in Items A, B, and C below that is new or revised so we can update our records. Please remember that a Notice of Termination and new Notice of Intent are required whenever a facility operation is relocated or changes ownership.

If you have any questions, please contact your Regional Board Industrial Storm Water Permit Contact. The names, telephone numbers and e-mail addresses of the Regional Board contacts, as well as the Regional Board office addresses can be found at <http://www.swrcb.ca.gov/stormwtr/contact.html>. To find your Regional Board information, match the first digit of your WDID number with the corresponding number that appears in parenthesis on the first line of each Regional Board office.

GENERAL INFORMATION:

A. Facility Information:

Facility Business Name: Tanox West
Physical Address: 11011 Torreyana Rd
City: San Diego
Standard Industrial Classification (SIC) Code(s): 2834

Facility WDID No: 9 371019266
Contact Person: Gary Merrill
e-mail: merrill.gary@gene.com
CA Zip: 92122 Phone: 760.231.2427

B. Facility Operator Information:

Operator Name: Tanox West c/o Genentech, Inc.
Mailing Address: One Antibody Way
City: Oceanside

Contact Person: Gary Merrill
e-mail: merrill.gary@gene.com
State: CA Zip: 92056 Phone: 760.231.2427

C. Facility Billing Information:

Operator Name: Tanox West c/o Genentech, Inc.
Mailing Address: One Antibody Way
City: Oceanside

Contact Person: Gary Merrill
e-mail: merrill.gary@gene.com
State: CA Zip: 92056 Phone: 760.231.2427

2008-2009
ANNUAL REPORT

SPECIFIC INFORMATION

MONITORING AND REPORTING PROGRAM

D. SAMPLING AND ANALYSIS EXEMPTIONS AND REDUCTIONS

1. For the reporting period, was your facility exempt from collecting and analyzing samples from **two** storm events in accordance with sections B.12 or 15 of the General Permit?

YES Go to Item D.2 **NO** Go to Section E

2. Indicate the reason your facility is exempt from collecting and analyzing samples from **two** storm events. Attach a copy of the first page of the appropriate certification if you check boxes ii, iii, iv, or v.

i. Participating in an Approved Group Monitoring Plan **Group Name:** _____

ii. Submitted **No Exposure Certification (NEC)** **Date Submitted:** _____

Re-evaluation Date: _____

Does facility continue to satisfy NEC conditions? **YES** **NO**

iii. Submitted **Sampling Reduction Certification (SRC)** **Date Submitted:** _____

Re-evaluation Date: _____

Does facility continue to satisfy SRC conditions? **YES** **NO**

iv. Received Regional Board Certification **Certification Date:** _____

v. Received Local Agency Certification **Certification Date:** _____

3. If you checked boxes i or iii above, were you scheduled to sample **one** storm event during the reporting year?

YES Go to Section E **NO** Go to Section F

4. If you checked boxes ii, iv, or v, go to Section F.

E. SAMPLING AND ANALYSIS RESULTS

1. How many storm events did you sample? _____ If less than 2, **attach explanation** (if you checked item D.2.i or iii. above, only attach explanation if you answer "0").

2. Did you collect storm water samples from the first storm of the wet season that produced a discharge during scheduled facility operating hours? (Section B.5 of the General Permit)

YES **NO, attach explanation** (Please note that if you do not sample the first storm event, you are still required to sample 2 storm events)

3. How many storm water discharge locations are at your facility? 0

4. For each storm event sampled, did you collect and analyze a sample from each of the facility's storm water discharge locations? YES, go to Item E.6 NO
5. Was sample collection or analysis reduced in accordance with Section B.7.d of the General Permit? YES NO, attach explanation
- If "YES", attach documentation supporting your determination that two or more drainage areas are substantially identical.
- Date facility's drainage areas were last evaluated 11/14/08
6. Were all samples collected during the first hour of discharge? YES NO, attach explanation
7. Was all storm water sampling preceded by three (3) working days without a storm water discharge? YES NO, attach explanation
8. Were there any discharges of stormwater that had been temporarily stored or contained? (such as from a pond) YES NO, go to Item E.10
9. Did you collect and analyze samples of temporarily stored or contained storm water discharges from two storm events? (or one storm event if you checked item D.2.i or iii. above) YES NO, attach explanation
10. Section B.5. of the General Permit requires you to analyze storm water samples for pH, Total Suspended Solids (TSS), Specific Conductance (SC), Total Organic Carbon (TOC) or Oil and Grease (O&G), other pollutants likely to be present in storm water discharges in significant quantities, and analytical parameters listed in Table D of the General Permit.
- a. Does Table D contain any additional parameters related to your facility's SIC code(s)? YES NO, Go to Item E.11
- b. Did you analyze all storm water samples for the applicable parameters listed in Table D? YES NO
- c. If you did not analyze all storm water samples for the applicable Table D parameters, check one of the following reasons:
- In prior sampling years, the parameter(s) have not been detected in significant quantities from two consecutive sampling events. **Attach explanation**
- The parameter(s) is not likely to be present in storm water discharges and authorized non-storm water discharges in significant quantities based upon the facility operator's evaluation. **Attach explanation**
- Other. **Attach explanation**
11. For each storm event sampled, attach a copy of the laboratory analytical reports and report the sampling and analysis results using Form 1 or its equivalent. The following must be provided for each sample collected:
- Date and time of sample collection
 - Name and title of sampler.
 - Parameters tested.
 - Name of analytical testing laboratory.
 - Discharge location identification.
 - Testing results.
 - Test methods used.
 - Test detection limits.
 - Date of testing.
 - Copies of the laboratory analytical results.

F. QUARTERLY VISUAL OBSERVATIONS

1. **Authorized Non-Storm Water Discharges**

Section B.3.b of the General Permit requires quarterly visual observations of all authorized non-storm water discharges and their sources.

a. Do authorized non-storm water discharges occur at your facility?

YES NO Go to Item F.2

b. Indicate whether you visually observed all authorized non-storm water discharges and their sources during the quarters when they were discharged. **Attach an explanation for any "NO" answers.** Indicate "N/A" for quarters without any authorized non-storm water discharges.

July -September YES NO N/A October-December YES NO N/A
January-March YES NO N/A April-June YES NO N/A

c. Use **Form 2** to report quarterly visual observations of authorized non-storm water discharges or provide the following information.

- i. name of each authorized non-storm water discharge
- ii. date and time of observation
- iii. source and location of each authorized non-storm water discharge
- iv. characteristics of the discharge at its source and impacted drainage area/discharge location
- v. name, title, and signature of observer
- vi. **any new or revised BMPs necessary to reduce or prevent pollutants in authorized non-storm water discharges. Provide new or revised BMP implementation date.**

2. **Unauthorized Non-Storm Water Discharges**

Section B.3.a of the General Permit requires quarterly visual observations of all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources.

a. Indicate whether you visually observed all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources. **Attach an explanation for any "NO" answers.**

July -September YES NO October-December YES NO
January-March YES NO April-June YES NO

b. Based upon the quarterly visual observations, were any unauthorized non-storm water discharges detected?

YES NO Go to item F.2.d

c. Have each of the unauthorized non-storm water discharges been eliminated or permitted?

YES NO **Attach explanation**

d. Use **Form 3** to report quarterly unauthorized non-storm water discharge visual observations or provide the following information.

- i. name of each unauthorized non-storm water discharge.
- ii. date and time of observation.
- iii. source and location of each unauthorized non-storm water discharge.
- iv. characteristics of the discharge at its source and impacted drainage area/discharge location.
- v. name, title, and signature of observer.
- vi. **any corrective actions necessary to eliminate the source of each unauthorized non-storm water discharge and to clean impacted drainage areas. Provide date unauthorized non-storm water discharge(s) was eliminated or scheduled to be eliminated.**

G. MONTHLY WET SEASON VISUAL OBSERVATIONS

Section B.4.a of the General Permit requires you to conduct monthly visual observations of storm water discharges at all storm water discharge locations during the wet season. These observations shall occur during the first hour of discharge or, in the case of temporarily stored or contained storm water, at the time of discharge.

1. Indicate below whether monthly visual observations of storm water discharges occurred at all discharge locations. **Attach an explanation for any "NO" answers.** Include in this explanation whether any eligible storm events occurred during scheduled facility operating hours that did not result in a storm water discharge, and provide the date, time, name and title of the person who observed that there was no storm water discharge.

	YES	NO		YES	NO
October	<input type="checkbox"/>	<input checked="" type="checkbox"/>	February	<input type="checkbox"/>	<input checked="" type="checkbox"/>
November	<input type="checkbox"/>	<input checked="" type="checkbox"/>	March	<input type="checkbox"/>	<input checked="" type="checkbox"/>
December	<input type="checkbox"/>	<input checked="" type="checkbox"/>	April	<input type="checkbox"/>	<input checked="" type="checkbox"/>
January	<input type="checkbox"/>	<input checked="" type="checkbox"/>	May	<input type="checkbox"/>	<input checked="" type="checkbox"/>

2. Report monthly wet season visual observations using **Form 4** or provide the following information.
- date, time, and location of observation
 - name and title of observer
 - characteristics of the discharge (i.e., odor, color, etc.) and source of any pollutants observed.
 - any new or revised BMPs necessary to reduce or prevent pollutants in storm water discharges. Provide new or revised BMP implementation date.

ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION (ACSCE)

H. ACSCE CHECKLIST

Section A.9 of the General Permit requires the facility operator to conduct one ACSCE in each reporting period (July 1- June 30). Evaluations must be conducted within 8-16 months of each other. The SWPPP and monitoring program shall be revised and implemented, as necessary, within 90 days of the evaluation. The checklist below includes the minimum steps necessary to complete a ACSCE. Indicate whether you have performed each step below. **Attach an explanation for any "NO" answers.**

1. Have you inspected all potential pollutant sources and industrial activities areas? YES NO
The following areas should be inspected:
- areas where spills and leaks have occurred during the last year.
 - outdoor wash and rinse areas.
 - process/manufacturing areas.
 - loading, unloading, and transfer areas.
 - waste storage/disposal areas.
 - dust/particulate generating areas.
 - erosion areas.
 - building repair, remodeling, and construction
 - material storage areas
 - vehicle/equipment storage areas
 - truck parking and access areas
 - rooftop equipment areas
 - vehicle fueling/maintenance areas
 - non-storm water discharge generating areas
2. Have you reviewed your SWPPP to assure that its BMPs address existing potential pollutant sources and industrial activities areas? YES NO
3. Have you inspected the entire facility to verify that the SWPPP's site map, is up-to-date? The following site map items should be verified: YES NO
- facility boundaries
 - outline of all storm water drainage areas
 - areas impacted by run-on
 - storm water discharges locations
 - storm water collection and conveyance system
 - structural control measures such as catch basins, berms, containment areas, oil/water separators, etc.

4. Have you reviewed all General Permit compliance records generated since the last annual evaluation? YES NO

The following records should be reviewed:

- quarterly authorized non-storm water discharge visual observations
- quarterly unauthorized non-storm water discharge visual observations
- monthly storm water discharge visual observation
- Sampling and Analysis records
- records of spills/leaks and associated clean-up/response activities
- preventative maintenance inspection and maintenance records

5. Have you reviewed the major elements of the SWPPP to assure compliance with the General Permit? YES NO

The following SWPPP items should be reviewed:

- pollution prevention team
- assessment of potential pollutant sources
- list of significant materials
- identification and description of the BMPs to be implemented for each potential pollutant source
- description of potential pollutant sources

6. Have you reviewed your SWPPP to assure that a) the BMPs are adequate in reducing or preventing pollutants in storm water discharges and authorized non-storm water discharges, and b) the BMPs are being implemented? YES NO

The following BMP categories should be reviewed:

- good housekeeping practices
- preventative maintenance
- spill response
- material handling and storage practices
- employee training
- waste handling/storage
- erosion control
- structural BMPs
- quality assurance

7. Has all material handling equipment and equipment needed to implement the SWPPP been inspected? YES NO

I. ACSCE EVALUATION REPORT

The facility operator is required to provide an evaluation report that includes:

- identification of personnel performing the evaluation
- schedule for implementing SWPPP revisions
- the date(s) of the evaluation
- any incidents of non-compliance and the corrective actions taken.
- necessary SWPPP revisions

Use **Form 5** to report the results of your evaluation or develop an equivalent form.

J. ACSCE CERTIFICATION

The facility operator is required to certify compliance with the Industrial Activities Storm Water General Permit. To certify compliance, both the SWPPP and Monitoring Program must be up to date and be fully implemented.

- Based upon your ACSCE, do you certify compliance with the Industrial Activities Storm Water General Permit? YES NO

If you answered "NO" **attach an explanation** to the ACSCE Evaluation Report why you are not in compliance with the Industrial Activities Storm Water General Permit.

ATTACHMENT SUMMARY

Answer the questions below to help you determine what should be attached to this annual report. Answer NA (Not Applicable) to questions 2-4 if you are not required to provide those attachments.

- 1. Have you attached Forms 1,2,3,4, and 5 or their equivalent? YES (Mandatory)

- 2. If you conducted sampling and analysis, have you attached the laboratory analytical reports? YES NO NA

- 3. If you checked box II, III, IV, or V in item D.2 of this Annual Report, have you attached the first page of the appropriate certifications? YES NO NA

- 4. Have you attached an explanation for each "NO" answer in items E.1, E.2, E.5-E.7, E.9, E.10.c, F.1.b, F.2.a, F.2.c, G.1, H.1-H.7, or J? YES NO NA

ANNUAL REPORT CERTIFICATION

I am duly authorized to sign reports required by the INDUSTRIAL ACTIVITIES STORM WATER GENERAL PERMIT (see Standard Provision C.9) and I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those person directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Printed Name: Gary Merrill

Signature:  Date: 1/16/09

Title: Environmental Coordinator, Genentech, Inc.

ANNUAL REPORT

SIDE A

FORM 3-QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED NON-STORM WATER DISCHARGES (NSWDs)

- Unauthorized NSWDs are discharges (such as wash or rinse waters) that do not meet the conditions provided in Section D (pages 5-6) of the General Permit.
- Quarterly visual observations are required to observe current and detect prior unauthorized NSWDs.
- Quarterly visual observations are required during dry weather and at all facility drainage areas.
- Each unauthorized NSWD source, impacted drainage area, and discharge location must be identified and observed.
- Unauthorized NSWDs that can not be eliminated within 90 days of observation must be reported to the Regional Board in accordance with Section A.10.e of the General Permit.
- Make additional copies of this form as necessary.

<p>QUARTER: JULY-SEPT. DATE/TIME OF OBSERVATIONS _____ AM _____ PM</p>	<p>Observers Name: _____ Title: _____ Signature: _____</p>	<p>WERE UNAUTHORIZED NSWDs OBSERVED? <input type="checkbox"/> YES <input type="checkbox"/> NO WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input type="checkbox"/> NO</p>	<p>If YES to either question, complete reverse side.</p>
<p>QUARTER: OCT.-DEC. DATE/TIME OF OBSERVATIONS Nov 14 2:00 PM</p>	<p>Observers Name: Gary Merrill Title: Environmental Coordinator Signature: <i>[Signature]</i></p>	<p>WERE UNAUTHORIZED NSWDs OBSERVED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>If YES to either question, complete reverse side.</p>
<p>QUARTER: JAN.-MARCH DATE/TIME OF OBSERVATIONS _____ AM _____ PM</p>	<p>Observers Name: _____ Title: _____ Signature: _____</p>	<p>WERE UNAUTHORIZED NSWDs OBSERVED? <input type="checkbox"/> YES <input type="checkbox"/> NO WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input type="checkbox"/> NO</p>	<p>If YES to either question, complete reverse side.</p>
<p>QUARTER: APRIL-JUNE DATE/TIME OF OBSERVATIONS _____ AM _____ PM</p>	<p>Observers Name: _____ Title: _____ Signature: _____</p>	<p>WERE UNAUTHORIZED NSWDs OBSERVED? <input type="checkbox"/> YES <input type="checkbox"/> NO WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? <input type="checkbox"/> YES <input type="checkbox"/> NO</p>	<p>If YES to either question, complete reverse side.</p>

2008-2009
ANNUAL REPORT

SIDE B

FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)

OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD <i>EXAMPLE:</i> Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD <i>EXAMPLE:</i> NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.		DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
			AT THE UNAUTHORIZED NSWD SOURCE	AT THE UNAUTHORIZED NSWD AREA AND DISCHARGE LOCATION	
_____ _____ <input type="checkbox"/> AM <input type="checkbox"/> PM					
_____ _____ <input type="checkbox"/> AM <input type="checkbox"/> PM					
_____ _____ <input type="checkbox"/> AM <input type="checkbox"/> PM					
_____ _____ <input type="checkbox"/> AM <input type="checkbox"/> PM					

ANNUAL REPORT

FORM 5-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS

EVALUATION DATE: 11/14/08

INSPECTOR NAME: Gary Merrill

TITLE: Environmental Coordinator

SIGNATURE: [Signature]

POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?		If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP implementation	Describe additional/revISED BMPs or corrective actions and their date(s) of implementation
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	ARE ADDITIONAL/REVISED BMPs NECESSARY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
entire site inactive - no production activities	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			

2008-2009
ANNUAL REPORT

SIDE B

FORM 5 (Continued)-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS

EVALUATION DATE: _____ INSPECTOR NAME: _____ TITLE: _____ SIGNATURE: _____

POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? <input type="checkbox"/> YES <input type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP implementation	Describe additional/revise BMPs or corrective actions and their date(s) of implementation
	ARE ADDITIONAL/REVISED BMPs NECESSARY? <input type="checkbox"/> YES <input type="checkbox"/> NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? <input type="checkbox"/> YES <input type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP implementation	Describe additional/revise BMPs or corrective actions and their date(s) of implementation
	ARE ADDITIONAL/REVISED BMPs NECESSARY? <input type="checkbox"/> YES <input type="checkbox"/> NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? <input type="checkbox"/> YES <input type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP implementation	Describe additional/revise BMPs or corrective actions and their date(s) of implementation
	ARE ADDITIONAL/REVISED BMPs NECESSARY? <input type="checkbox"/> YES <input type="checkbox"/> NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? <input type="checkbox"/> YES <input type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP implementation	Describe additional/revise BMPs or corrective actions and their date(s) of implementation
	ARE ADDITIONAL/REVISED BMPs NECESSARY? <input type="checkbox"/> YES <input type="checkbox"/> NO			

Attachment to Storm Water 2008 – 2009 Annual Report

E2., E5-7.

Storm water samples were not collected because the site has been vacant of employees and there have been no production activities since Genentech took over the facility lease from Tanox West on June 10, 2007.

F2.

Production activities ceased when Genentech took over the facility lease from Tanox West on June 10, 2007. Quarterly visual observations have not been conducted since then, with the exception of during the month of November to prepare for this annual report submittal.

G1.

Production activities ceased when Genentech took over the facility lease from Tanox West on June 10, 2007. As such, monthly wet season visual observations have not been conducted since then.

SEND TO YOUR LOCAL RWQCB FOR APPROVAL

State of California
State Water Resources Control Board

SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD

NOTICE OF TERMINATION

2008 JAN 22 P 1:16

Submission of this Notice of Termination constitutes notification that the facility operator identified below is no longer required to comply with the Industrial Activities Storm Water General Permit No. 97-03-DWQ.

I. WDID NO. 9375019266

II. FACILITY OPERATOR

NAME Tanox West CONTACT PERSON Gary Merrill
ADDRESS 40 Genentech, Inc. One Antibody Way TITLE Environmental Coordinator
CITY Oceanside STATE CA ZIP 92058 PHONE 760.231.2427

III. FACILITY SITE INFORMATION

FACILITY NAME Tanox West CONTACT PERSON Gary Merrill
LOCATION 11011 Torreyana Rd TITLE Environmental Coordinator
CITY San Diego STATE CA ZIP 92122 PHONE 760.231.2427
SIC CODE(S) 281314 111 TYPE OF BUSINESS pharmaceutical prep

IV. BASIS OF TERMINATION

1. **Closed Facility.** The facility is closed and all closure, moving, and clean-up activities are complete.
Date of closure 12/23/08 Are you moving to a new location in CA? ___ Yes No
If Yes, start date at new location? / / Will you file new NOI? ___ Yes ___ No

NEW FACILITY INFORMATION

NAME _____ CONTACT PERSON _____
MAILING ADDRESS _____ TITLE _____
CITY _____ STATE _____ ZIP _____ PHONE _____

___ 2. **Light Industry Exemption.** Exposure of industrial activities, materials, and equipment to storm water has been eliminated (Applies only to certain facilities - see instructions). Complete and submit Attachment A.
Date of evaluation: / / Date exposure eliminated (if applicable): / /
Planned date of next evaluation: / /

___ 3. **No Storm Water Discharge.** Storm water associated with industrial activity does not discharge to waters of the United States because:
___ a. the storm water is retained on site (such as in evaporation or percolation ponds).
___ b. the storm water is discharged to a municipal sanitary sewer systems or municipal combined sewer system.
___ c. the storm water is retained offsite (such as in evaporation or percolation ponds).

___ 4. **Not Required to be Permitted.** The facility is not required by federal regulations to be regulated by an industrial activities storm water NPDES permit.

SEND TO YOUR LOCAL RWQCB FOR APPROVAL

5. Regulated by Another Permit. Discharge of storm water associated with industrial activity is specifically regulated by another general or individual NPDES permit.

NPDES Permit No. _____ Date coverage began ___/___/___

6. New Facility Operator. There is a new facility operator of the identified facility.

Date facility was transferred to new facility operator ___/___/___

Have you notified the new facility operator of the storm water NPDES Permit requirements? Yes ___ No

NEW FACILITY OPERATOR INFORMATION

NAME _____ CONTACT PERSON _____
MAILING ADDRESS _____ TITLE _____
CITY _____ STATE _____ ZIP _____ PHONE _____

V. ADDITIONAL TERMINATION INFORMATION

Are you attaching any additional termination information? Yes ___ No

VI. FACILITY PHOTOGRAPHS

Have you attached facility photographs? Yes No ___ (See Instructions)

VII. ANNUAL REPORT

Have you attached an Annual Report? Yes No ___ (See Instructions)

VIII. CERTIFICATION

I certify under penalty of law that 1) I am not required to be permitted under the Industrial Activities Storm Water General Permit No. 97-03-DWQ, and 2) this document and all attachments were prepared under my direction and supervisions in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. I am aware that it is unlawful under the Clean Water Act to discharge storm water associated with industrial activity to waters of the United States if the discharge is not authorized by a NPDES permit, and there are significant penalties for submitting false information. I understand that the facility operator is still required to submit an annual report to the Regional Water Board by July 1. I also understand that the submittal of this Notice of Termination does not release a facility operator from liability for any violations of the General Permit or the Clean Water Act.

PRINTED NAME Gary Merrill TITLE Environmental Coordinator

SIGNATURE [Signature] DATE 01/16/09

REGIONAL WATER BOARD USE ONLY

Approved and sent to State Board for termination Denied and returned to applicant
Printed Name _____ Signature _____ Date ___/___/___

NOT Effective Date: ___/___/___

**Attachment to Notice of Termination for
Tanox West Facility WDID No. 9 371019266**

VI. Photographs



Photo 1: Loading dock



Photo 2: View towards the south of the covered parking structure along the west side of the facility.



Photo 3: View of interior of chemical storage building.



Photo 4: Storm drain emergency s hut-off valve located at the southeast end of the facility.



Photo 5: One of the empty labs in the interior of the facility.



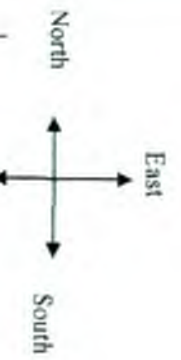
Photos 6 and 7: Empty lab bench chemical cabinets inside the facility.



Photo 8: Empty lab in interior of building.



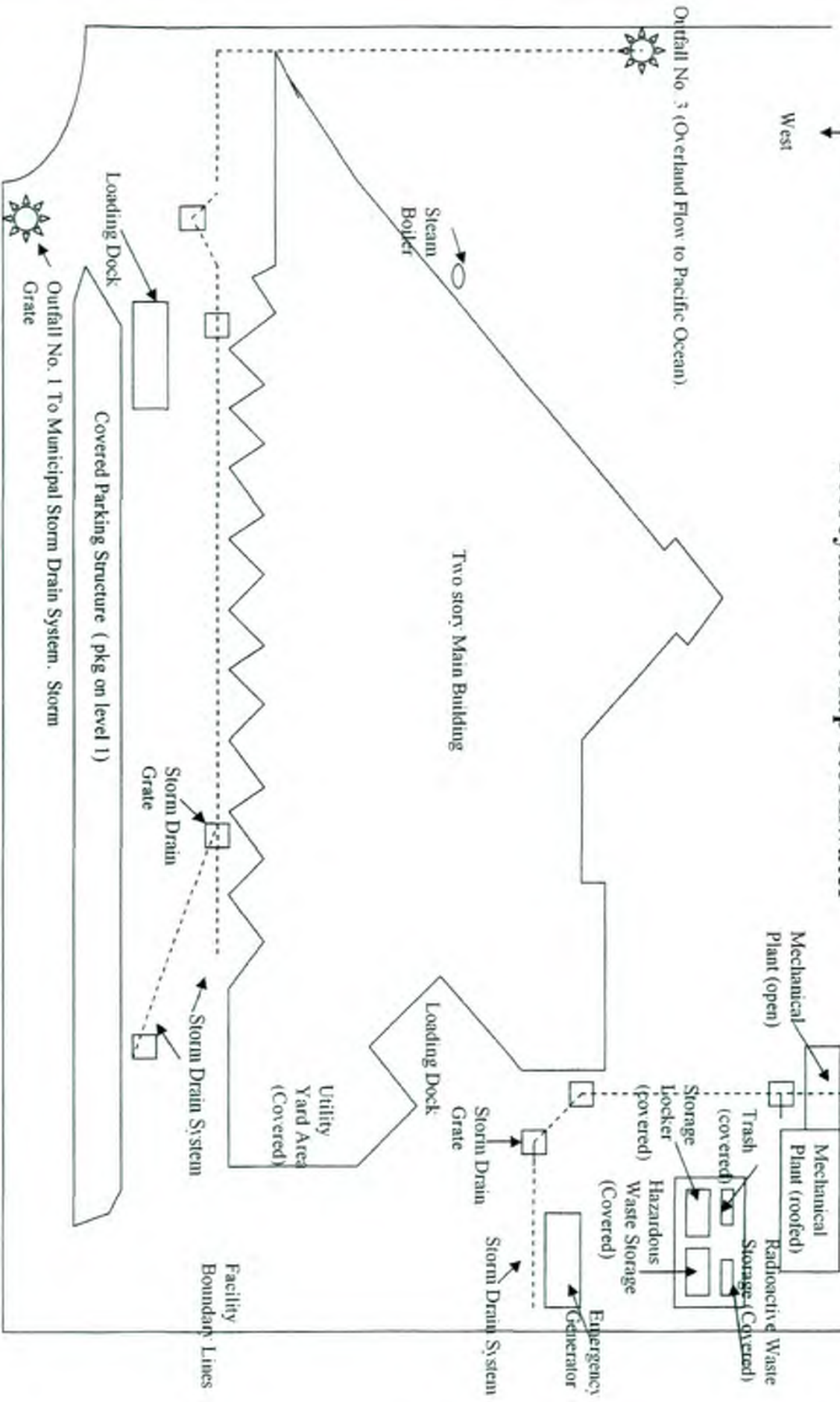
Photo 9: Empty lab in interior of building.



Torreyana Site Map Stormwater

Outfall No. 2 (Overland Flow to Pacific Ocean via Los Penasquitos Creek)

Storm drain spill emergency shut off valve



Torreyana Road



11502 Alborada Drive
San Diego, CA 92127
858.674.9686 tel
858.674.9697 fax

Facsimile Transmittal

To: Peter Pearson Fax: 858.571.6972
 From: Jennifer L. Kraus, MPH, PhD Date: 1/29/09
 Re: NOT Pages: 8
 CC:

- Urgent For Review Please Comment Please Reply Please Recycle

Hi Peter,
 As we discussed yesterday, attached please find a copy of the NOT for the former Tarox West facility. Could you please confirm receipt of this for me either via phone 858.674.9686 or email jkraus@gecco-inc.com
 Thanks!

SEND TO YOUR LOCAL RWQCB FOR APPROVAL

State of California
State Water Resources Control Board

NOTICE OF TERMINATION

Submission of this Notice of Termination constitutes notification that the facility operator identified below is no longer required to comply with the Industrial Activities Storm Water General Permit No. 97-03-DWQ.

I. WDID NO. 9375019266

II. FACILITY OPERATOR

NAME Tanox West CONTACT PERSON Gary Merrill
ADDRESS 40 Genentech, Inc. Ave Antibody Way TITLE Environmental Coordinator
CITY Oceanside STATE CA ZIP 92056 PHONE 760.231.2427

III. FACILITY SITE INFORMATION

FACILITY NAME Tanox West CONTACT PERSON Gary Merrill
LOCATION 1111 Torreyana Rd TITLE Environmental Coordinator
CITY San Diego STATE CA ZIP 92122 PHONE 760.231.2427
SIC CODE(S) 281314 111 TYPE OF BUSINESS pharmaceutical prep

IV. BASIS OF TERMINATION

1. **Closed Facility.** The facility is closed and all closure, moving, and clean-up activities are complete.
Date of closure 12/23/08 Are you moving to a new location in CA? ___ Yes No
If Yes, start date at new location? 1/1 Will you file new NOI? ___ Yes ___ No

NEW FACILITY INFORMATION

NAME _____ CONTACT PERSON _____
MAILING ADDRESS _____ TITLE _____
CITY _____ STATE _____ ZIP _____ PHONE _____

___ 2. **Light Industry Exemption.** Exposure of industrial activities, materials, and equipment to storm water has been eliminated (Applies only to certain facilities - see instructions). Complete and submit Attachment A.

Date of evaluation: 1/1 Date exposure eliminated (if applicable): 1/1
Planned date of next evaluation: 1/1

___ 3. **No Storm Water Discharge.** Storm water associated with industrial activity does not discharge to waters of the United States because:

- ___ a. the storm water is retained on site (such as in evaporation or percolation ponds).
- ___ b. the storm water is discharged to a municipal sanitary sewer systems or municipal combined sewer system.
- ___ c. the storm water is retained offsite (such as in evaporation or percolation ponds).

___ 4. **Not Required to be Permitted.** The facility is not required by federal regulations to be regulated by an industrial activities storm water NPDES permit.

SEND TO YOUR LOCAL RWQCB FOR APPROVAL

5. Regulated by Another Permit. Discharge of storm water associated with industrial activity is specifically regulated by another general or individual NPDES permit.

NPDES Permit No. _____ Date coverage began ___/___/___

6. New Facility Operator. There is a new facility operator of the identified facility.

Date facility was transferred to new facility operator ___/___/___.

Have you notified the new facility operator of the storm water NPDES Permit requirements? Yes ___ No

NEW FACILITY OPERATOR INFORMATION

NAME _____ CONTACT PERSON

MAILING ADDRESS _____ TITLE

CITY _____ STATE _____ ZIP _____ PHONE

V. ADDITIONAL TERMINATION INFORMATION

Are you attaching any additional termination information? Yes ___ No

VI. FACILITY PHOTOGRAPHS

Have you attached facility photographs? Yes No ___ (See Instructions)

VII. ANNUAL REPORT

Have you attached an Annual Report? Yes No ___ (See Instructions)

VIII. CERTIFICATION

I certify under penalty of law that 1) I am not required to be permitted under the Industrial Activities Storm Water General Permit No. 97-03-DWQ, and 2) this document and all attachments were prepared under my direction and supervisions in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. I am aware that it is unlawful under the Clean Water Act to discharge storm water associated with industrial activity to waters of the United States if the discharge is not authorized by a NPDES permit, and there are significant penalties for submitting false information. I understand that the facility operator is still required to submit an annual report to the Regional Water Board by July 1. I also understand that the submittal of this Notice of Termination does not release a facility operator from liability for any violations of the General Permit or the Clean Water Act.

PRINTED NAME Gary Merrill TITLE Environmental Coordinator

SIGNATURE [Signature] DATE 01/16/09

REGIONAL WATER BOARD USE ONLY

Form with checkboxes: [] Approved and sent to State Board for termination [] Denied and returned to applicant. Fields for Printed Name, Signature, and Date.

NOT Effective Date: []

**Attachment to Notice of Termination for
Tanox West Facility WDD No. 9 37I019266**

VI. Photographs



Photo 1: Loading dock



Photo 2: View towards the south of the covered parking structure along the west side of the facility.

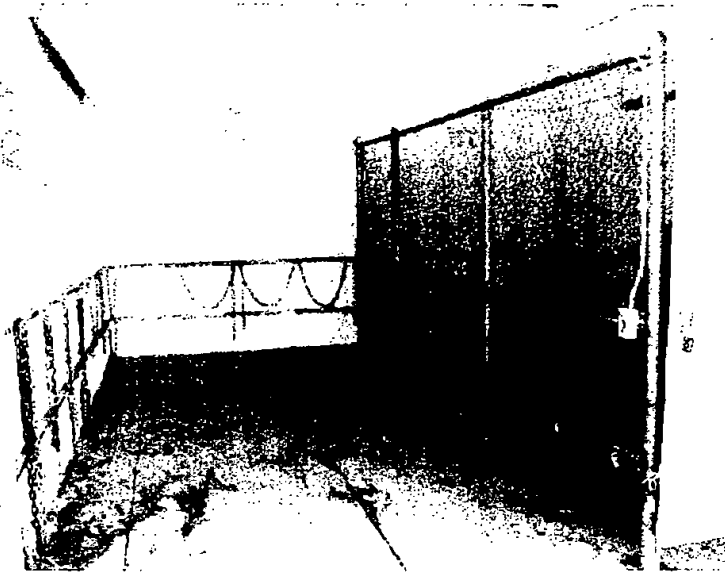


Photo 3: View of interior of chemical storage building.



Photo 4: Storm drain emergency s hut-off valve located at the southeast end of the facility.

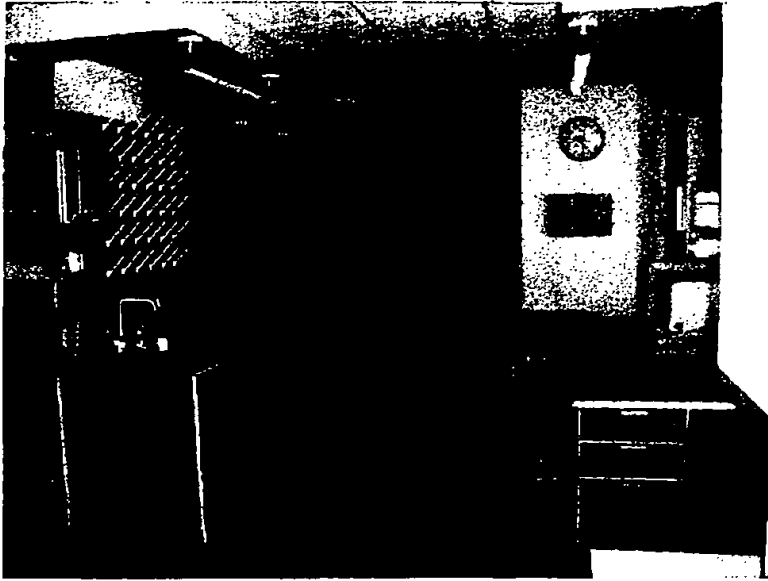
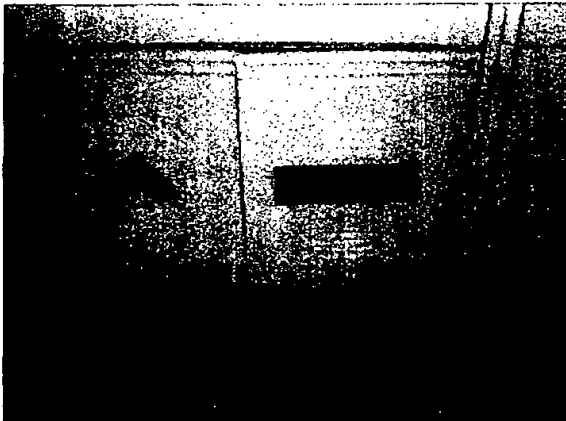


Photo 5: One of the empty labs in the interior of the facility.



Photos 6 and 7: Empty lab bench chemical cabinets inside the facility.

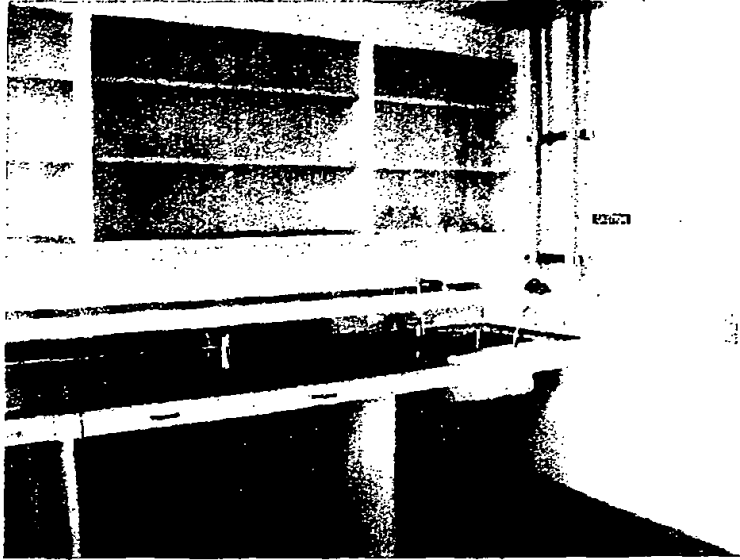


Photo 8: Empty lab in interior of building.



Photo 9: Empty lab in interior of building.

Please mail attached letter to:

Gary Merrill
Genentech Inc.
1 Antibody Way
Oceanside, CA
92056



California Regional Water Quality Control Board



Linda S. Adams

Secretary for
Environmental Protection

San Diego Region

9174 Sky Park Court, Suite 100 San Diego, California 92123

Phone: 858-467-2952 Fax: 858-571-6972 Email: stormwater@waterboards.ca.gov

<http://www.waterboards.ca.gov/sandiego>

Arnold Schwarzenegger

Governor

February 18, 2009

Sam Mckinney
Tanox West Inc
10555 Stella Link Rd
Houston TX 77025

WDID Number: 9 371019266

Site/Facility Info: Tanox West Inc
11011 Torreyana Rd
San Diego CA 92121

Review Date: 01/30/2009

Termination Date: **01/30/2009**

Dear Permittee:

This letter is to inform you that we have approved the Notice of Termination (NOT) of Coverage under the Statewide Storm Water General Permit for WDID number as referenced above. Please keep this letter as proof of termination under the Statewide Storm Water General Permit. Should site conditions change such that coverage under the Storm Water General Permit is again necessary, you must submit a new Notice of Intent, site map, and appropriate fee.

Please note if there are applicable unpaid invoice(s) when the NOT is approved, all outstanding invoices are required to be paid in full. If you have any questions regarding fees, please contact the Fee Unit at (916) 341-5247.

If you have any further questions, please contact the California Regional Water Quality Control Board, San Diego Region at 858-467-2952.

Sincerely,

Chiara Clemente
San Diego Region



Fire-Rescue Department
Community Risk Reduction Division

December 14, 2022

Gabriel Haro
Ninyo & Moore
5710 Ruffin Road
San Diego CA 92123

Dear Mr. Haro:

I am responding to your records research request.

YES Fire inspection reports and related documents were found on the addresses below:

- **11011 TORREYANA ROAD SAN DIEGO CA 92121**

For information regarding current chemical inventories, please contact:

**County of San Diego
Department of Environmental Health
5500 Overland Avenue, San Diego, CA 92123
858-505-6700 or 800-253-993**

If you have any questions, please contact me by email.

Debbie Ahern
Clerical Assistant II

Enclosures



CITY OF SAN DIEGO
CALIFORNIA

OFFICIAL RECEIPT

07 217070

DEPARTMENT / DIVISION NAME

SDFD / CRRD

DATE

12/13/22

AMOUNT:

Five

DOLLARS

00/100

CENTS

\$ 5.00

RECEIVED FROM:

Dunyo & Moore

ADDRESS:

IN PAYMENT OF:

word search 11011 Torreyana Rd

San Diego CA 92121

CHECK

202098

CASH

RECEIVED BY:

DR

FOR ABOVE NAMED DEPARTMENT

FUND	DEPARTMENT	ORGANIZATION	ACCOUNT	JOB ORDER	FACILITY	AMOUNT	DISTRIBUTION:
100000	1912160011		423011			5.00	WHITE - CUSTOMER PINK - TREASURER YELLOW - RETAIN GREEN - AUDITOR

AC-1218 (REV. 1-86)



THE CITY OF SAN DIEGO

REQUEST FOR TECHNICAL SERVICES PERMIT INFORMATION

Permit information requests cost **\$5.00 per address**. Checks must be made payable to the "CITY TREASURER."

BUSINESS NAME: Ninyo & Moore

YOUR NAME: Gabriel Haro

STREET: 5710 Ruffin Road

CITY: San Diego STATE: CA ZIP CODE: 92123

TELEPHONE: (858) 576-1000 FAX: (858) 576-9600

E-MAIL: gharo@ninyoandmoore.com

Site Address: 11011 Torreyana Road, San Diego, CA 92121 (APN 340-010-2900)

Site Address: _____

Site Address: _____

Site Address: _____

Site Address: _____

Report(s) to be: *Mailed: _____

E-Mailed:

Please return this form along with your payment to:

City of San Diego Fire-Rescue Department

Community Risk Reduction Division

525 B Street, Suite 300

San Diego CA 92101

FIRE DEPARTMENT USE
Amount Received: <u>5.00</u>
Receipt #: <u>07217070</u>
Check #: <u>202098</u>
Initials: <u>GH</u>
Date: <u>12/13/22</u>





CITY OF SAN DIEGO

FIRE & LIFE SAFETY SERVICES

1010 SECOND AVENUE, SUITE #300
SAN DIEGO, CA 92101
PHONE: 533-4477 / 533-4449

FIMS FILE #: 02 000861-010

PERMIT/APPL. NO.: TA 080289

RECEIPT # 07-0038602

DATE RECEIVED 3/21/08

Hazardous Material Permit Application (Fire Dept.)

ok. 3104 # 1538.00 CD4

Form with fields for Name (or Name of Business), Address (Number), City, Zip, Telephone No., Name (if Not Owner), Mailing Address (Number), City, Zip, Telephone No., Provide Contractor License, Signature (Owner or Agent) Required, Date Signed, Cellular Phone Number, Fax Number.

COMPENSATION/LIABILITY INSURANCE: (OF CONTRACTOR OR OWNER) PROOF REQUIRED FOR EACH APPLICATION

Table with 8 columns: No. of Tanks, Work Performed, Tank Capacity Gallons, Type of Hazardous Material, Type of Storage, Type of Supply, Distance Installed from Building, Distance Installed from Property Line.

OTHER HAZARDOUS MATERIALS: SOIL REMEDIATION:

REPIPE:

MEDICAL GAS / COMPRESSED GAS SYSTEM: Nitrogen, Argon & Helium for LABS equipment.

FIRE DEPARTMENT USE ONLY

Table with 3 columns: DATE, INSPECTOR'S NAME, COMMENTS. Includes inspection records from 3-25-08 to 4-29-08.

- 1. White Copy - Permit
2. Canary Copy - Office File (HMM)
3. Pink Copy - Records
4. Goldenrod Copy - Permittee's Receipt



APPLICATION APPROVED: [Signature] DEPUTY FIRE MARSHAL
DATE: 4-29-08



CITY OF SAN DIEGO
 1010 SECOND AVENUE, SUITE #300
 SAN DIEGO, CA 92101
 PHONE: 533-4477 / 533-4449

FIMS FILE #: 12011-7947-3003
 PERMIT# TA: 160143
 RECEIPT # 137783
 DATE RECEIVED 11-20-10
 CK # 8361 \$ 1118.00

Hazardous Material Permit Application
San Diego Fire-Rescue Department

OWNER	NAME (OR NAME OF BUSINESS) Molecular Response			CONTRACTOR	NAME (IF NOT OWNER) AK Constructors, Inc.		
	ADDRESS (NUMBER) (STREET) 11011 Torreyana Road				MAILING ADDRESS (NUMBER) (STREET) 1828 Railroad Street		
	CITY San Diego	ZIP 92121	TELEPHONE NO. (858) 622-2900		CITY Corona	ZIP 92880	TELEPHONE NO. (951) 280-0269
OWNER	NAME (IF NOT OWNER) ALLIANCE DIVERSIFIED HOLDINGS LLC			PROVIDE CONTRACTOR LICENSE 837289			
	MAILING ADDRESS (NUMBER) (STREET) P.O. BOX 928769			SIGNATURE (OWNER OR AGENT) REQUIRED <i>Robert Griffin</i>		DATE SIGNED 11-19-2015	
	CITY SAN DIEGO	ZIP 92192	TELEPHONE NO. 619-977-7225	PRINT NAME Robert Griffin			

COMPENSATION/LIABILITY INSURANCE (OF CONTRACTOR OR OWNER) PROOF REQUIRED FOR EACH APPLICATION

PHONE NUMBER (714) 713-3960 FAX NUMBER (951) 280-0234

NO. OF TANKS	WORK PERFORMED: NEW, REMOVED, ETC.	TANK CAPACITY GALLONS (Pressurized Gas Cylinders In cu. ft.)	TYPE OF HAZARDOUS MATERIAL STORED OR USED	TYPE OF STORAGE: ABOVE GROUND, BELOW GROUND	TYPE OF SUPPLY: PUMP, PRESSURE, INTERNAL PRESSURE OR GRAVITY	DISTANCE INSTALLED FROM BUILDING	DISTANCE INSTALLED FROM PROPERTY LINE
2	New Installation	793 Gal. (3,000 L)	Liquid Nitrogen	Above Ground	Internal Pressure	1'-1"	88'-0"

OTHER HAZARDOUS MATERIALS: None
 SOIL REMEDIATION: None

REPIPE: None

MEDICAL GAS / COMPRESSED GAS SYSTEM: None

COMMENTS: None

PPS-495575

FIRE DEPARTMENT USE ONLY

DATE	INSPECTOR'S NAME	COMMENTS
11-25-10	WILLIAMSON	FINAL O.D. INSTALLATION OF PIPING OF (2) LAR TANKS AND PIPING GAS SIDE LIQUID USE. ALL PIPING PRESSURE TESTED - ALL PIPING MARKED-LABELLED. VENTILATIONS FIRE CRAWLED.

APPLICATION APPROVED:
David Williamson
 DEPUTY FIRE MARSHAL
 DATE 3/28/2010

535259

FIMS FILE #: SQ#
PERMIT# TA: 210349
RECEIPT# 204486
DATE RECEIVED 2/16/2021
CK# 31106 1211-



CITY OF SAN DIEGO
600 B Street, Suite 1300
SAN DIEGO, CA 92101
PHONE: 633-4477 / 633-4449

Hazardous Material Permit Application
San Diego Fire-Rescue Department

Deferred Submittal

NAME (OR NAME OF BUSINESS) Healthpeak Properties				NAME (IF NOT OWNER)			
ADDRESS (NUMBER) (STREET) 11011 North Torrey Pines Road				MAILING ADDRESS (NUMBER) (STREET)			
CITY San Diego, California		ZIP 92037	TELEPHONE NO.		CITY		TELEPHONE NO.
NAME (IF NOT OWNER) Rebecca Gallegos (Owner Representative)				PROVIDE CONTRACTOR LICENSE			
MAILING ADDRESS (NUMBER) (STREET) 420 Stevens Avenue, Suite 170				SIGNATURE (OWNER OR AGENT REQUIRED)		DATE SIGNED 02/08/2021	
CITY Solana Beach, California		ZIP 92075	TELEPHONE NO. 858-704-1968		PRINT NAME John Foster		
COMPENSATION/LIABILITY INSURANCE (OF CONTRACTOR OR OWNER) PROOF REQUIRED FOR EACH APPLICATION				PHONE NUMBER 619-231-0751		FAX NUMBER 619-611-2606	
NO. OF TANKS	WORK PERFORMED: NEW, REMOVED, ETC	TANK CAPACITY GALLONS (Pressurized Gas Cylinders in cu. ft.)	TYPE OF HAZARDOUS MATERIAL STORED OR USED	TYPE OF STORAGE, ABOVE GROUND, BELOW GROUND	TYPE OF SUPPLY: PUMP, PRESSURE, INTERNAL PRESSURE, OR GRAVITY	DISTANCE INSTALLED FROM BUILDING	DISTANCE INSTALLED FROM PROPERTY LINE
1	New	316	diesel 2	above ground	pump	59'	31'
OTHER HAZARDOUS MATERIALS:							
SOIL REMEDIATION:							
REPIPE:							
MEDICAL GAS / COMPRESSED GAS SYSTEM:							
COMMENTS:							
FIRE DEPARTMENT USE ONLY							
DATE	INSPECTOR'S NAME	COMMENTS					
4-27-22	William	EXPIRED CONTACTED JOHN FOSTER					

APPLICATION APPROVED
John Foster
DEPUTY FIRE MARSHAL
DATE 4-27-2022



CITY OF SAN DIEGO
**FIRE & LIFE
 SAFETY SERVICES**

1010 SECOND AVENUE, SUITE #300
 SAN DIEGO, CA 92101
 PHONE: (619) 533-4477 / (619) 533-4449

FIMS FILE # 2100070 SQ# 1
 PERMIT# TA 120361
 RECEIPT # 1231541
 DATE RECEIVED 2/11/04
 CK# 00059 \$ 1900

**Hazardous Material
 Permit Application (Fire Dept.)**

SITE ADDRESS	NAME (OR NAME OF BUSINESS) Skyepharmia			NAME (IF NOT OWNER) Pacific Rim Mechanical		
	ADDRESS (NUMBER) (STREET) 11011 N. Torrey Pines Rd			MAILING ADDRESS (NUMBER) (STREET) 7655 Conroy Ct		
	CITY San Diego	ZIP 92121	TELEPHONE NO. 858-625-2421	CITY San Diego	ZIP 92111	TELEPHONE NO. 858-974-6600
OWNER	NAME (IF NOT OWNER) Same			PROVIDE CONTRACTOR LICENSE James Bryler # 814462		
	MAILING ADDRESS (NUMBER) (STREET)			SIGNATURE (OWNER OR AGENT) REQUIRED James Bryler owner		
	CITY	ZIP	TELEPHONE NO.	DATE SIGNED 2-12-04		
COMPENSATION/LIABILITY INSURANCE: Drive Alliant (OF CONTRACTOR OR OWNER) PROOF REQUIRED FOR EACH APPLICATION			PHONE NUMBER: 619-719-7229 / 858-716-6501			FAX NUMBER: 858-716-6501

NO. OF TANKS	WORK PERFORMED: NEW, REMOVED, ETC.	TANK CAPACITY GALLONS (Pressurized Gas Cylinders in cu. ft.)	TYPE OF HAZARDOUS MATERIAL STORED OR USED	TYPE OF STORAGE: ABOVE GROUND, BELOW GROUND	TYPE OF SUPPLY: PUMP, PRESSURE, INTERNAL PRESSURE OR GRAVITY	DISTANCE INSTALLED FROM BUILDING	DISTANCE INSTALLED FROM PROPERTY LINE
0	Replace	Repep	Hyd.	AG	Press	Inside	Inside
0	existing REPIPE	.	Nit	AG	Press	Inside	Inside

OTHER HAZARDOUS MATERIALS:
 SOIL REMEDIATION:

REPIPE: **Replace Temp Flex Lines from Gas Cyl's with Type L Tube - See attached Diagram & Scope**

MEDICAL GAS / COMPRESSED GAS SYSTEM: **Hydrogen, Nitrogen, Compressed Air**

COMMENTS:

FIRE DEPARTMENT USE ONLY

DATE	INSPECTOR'S NAME	COMMENTS
4/11/04	S. Carroll	Final

APPLICATION APPROVED: _____
 DEPUTY FIRE MARSHAL
 DATE _____

- 1. White Copy - Permit
- 2. Canary Copy - Office File (HMM)
- 3. Pink Copy - Records
- 4. Goldenrod Copy - Permittee's/Receipt



CITY OF SAN DIEGO
FIRE & LIFE SAFETY SERVICES

1010 SECOND AVENUE, SUITE #300
 SAN DIEGO, CA 92101
 PHONE: 533-4477 / 533-4449

FIMS FILE #: 02000861-4
 PERMIT/APPL. NO.: TA030215
 RECEIPT #: 1240128
 DATE RECEIVED 10/20/02

Hazardous Material Permit Application (Fire Dept.) 134181 299th

APPLICANT	NAME (OR NAME OF BUSINESS) <u>Activix Biosciences</u>			NAME (IF NOT OWNER) <u>Jackson & Blanc</u>		
	ADDRESS (NUMBER) (STREET) <u>11011 North Torrey Pines Rd Suite 140</u>			MAILING ADDRESS (NUMBER) (STREET) <u>7929 Arjona Dr.</u>		
	CITY <u>La Jolla</u>	ZIP <u>92037</u>	TELEPHONE NO. <u>(858) 558-5558</u>	CITY <u>San Diego</u>	ZIP <u>92121</u>	TELEPHONE NO. <u>(619) 831-7900</u>
OWNER	NAME (IF NOT OWNER) <u>Activix Biosciences</u>			PROVIDE CONTRACTOR LICENSE <u>188961</u>		
	MAILING ADDRESS (NUMBER) (STREET) <u>11025 North Torrey Pines Suite 120</u>			SIGNATURE (OWNER OR AGENT) REQUIRED <u>[Signature]</u>		DATE SIGNED <u>10/20/02</u>
	CITY <u>La Jolla</u>	ZIP <u>92037</u>	TELEPHONE NO. <u>(858) 558-5558</u>	CITY <u>San Diego</u>	TELEPHONE NO. <u>(619) 921-6508</u>	FAX NUMBER <u>(619) 615-9764</u>

COMPENSATION/LIABILITY INSURANCE

(OF CONTRACTOR OR OWNER) PROOF REQUIRED FOR EACH APPLICATION

NO. OF TANKS	WORK PERFORMED (NEW, REMOVED, ETC.)	TANK CAPACITY (GALLONS) (Pressurized Gas Cylinders in cu. ft.)	TYPE OF HAZARDOUS MATERIAL STORED OR USED	TYPE OF STORAGE (ABOVE GROUND, BELOW GROUND)	TYPE OF SUPPLY (PIPE, PRESSURE, INTERNAL PRESSURE, OR GRAVITY)	DISTANCE INSTALLED FROM BUILDING	DISTANCE INSTALLED FROM PROPERTY LINE
<u>2</u>	<u>New</u>	<u>290</u>	<u>Nitrogen</u>	<u>Above</u>	<u>Pressure</u>	<u>inside</u>	<u>75'</u>

OTHER HAZARDOUS MATERIALS:
 SOIL REMEDIATION:

REPIPE:

MEDICAL GAS / COMPRESSED GAS SYSTEM:

COMMENTS: Nitrogen gas delivery system

FIRE DEPARTMENT USE ONLY

DATE	INSPECTOR'S NAME	COMMENTS

- 1. White Copy - Permit
- 2. Canary Copy - Office File (HMM)
- 3. Pink Copy - Records
- 4. Goldenrod Copy - Permittee's Receipt



APPLICATION APPROVED: _____
 DEPUTY FIRE MARSHAL

DATE _____



CITY OF SAN DIEGO
**FIRE & LIFE
 SAFETY SERVICES**

2200 SAN DIEGO AVENUE SUITE 200
 SAN DIEGO, CALIFORNIA 92108
 PHONE: (619) 594-7777 FAX: (619) 594-7778

DATE: *11/20/96*
 PREPARED BY: *[Signature]*
 RECEIVED BY: *[Signature]*
 PROJECT NO: *111-1570*
 SHEET NO: *2/3*

Historical Masterfile
 Permit Application Form 270-010

OFFICE: **MELROSEVILLE CHIEF'S
 ECOL RENOVATION**

PERMITS:

MEDICAL GAS: **COMPLETED GAS SYSTEM** NEW INSTALLATION OF MEDICAL GAS
 CONDUITS & **W/ MEDICAL GAS SYSTEM**

FIRE DEPARTMENT USE ONLY

DATE	AGENCY NAME	COMMENTS
11/20/96	San Diego Fire Dept	Review of Plans for S.D.A.

[Signature]
 [Title]



CITY OF SAN DIEGO
FIRE & LIFE SAFETY SERVICES

1010 SECOND AVENUE, SUITE #300
 SAN DIEGO, CA 92101
 PHONE: 533-4477 / 533-4449

FIMS FILE #: 01000870
 PERMIT/APPL. NO.: 7A010256
 RECEIPT # 1146965 /
 DATE RECEIVED 1/11/01
 STATE CONTRACTOR'S
 LICENSE - 140162

Hazardous Material Permit Application (Fire Dept.)

B-I-A CONTRACTOR	NAME (OR NAME OF BUSINESS) STRATAGENE HOLDING COMPANY			NAME (IF NOT OWNER) CASS PLUMBING + HEATING		
	ADDRESS (NUMBER) (STREET) 11011 N. TORREY PINES RD.			MAILING ADDRESS (NUMBER) (STREET) 4569 30th STREET		
CITY LA JOLLA		ZIP 92037	TELEPHONE NO. (858) 535-5400	CITY SAN DIEGO		TELEPHONE NO. (619) 284-9253
O-2 OWNER	NAME (IF NOT OWNER) Equitable Life Assurance Society of U.S.			PRINT NAME DANIEL MAC NEIL (858) 535-5400		
	MAILING ADDRESS (NUMBER) (STREET) 11011 N. TORREY PINES RD. STE. 140			SIGNATURE (OWNER OR AGENT) REQUIRED <i>Daniel Mac Neil</i>		DATE SIGNED 11-30-00
CITY LA JOLLA		ZIP 92037	TELEPHONE NO. 858- 558-0383	CELLULAR PHONE NUMBER N/A	FAX NUMBER (858) 535-0071	

COMPENSATION/LIABILITY INSURANCE:
 (OF CONTRACTOR OR OWNER) PROOF REQUIRED FOR EACH APPLICATION

NO. OF TANKS	WORK PERFORMED: NEW, REMOVED, ETC.	TANK CAPACITY GALLONS (Pressurized Gas Cylinders in cu. ft.)	TYPE OF HAZARDOUS MATERIAL STORED OR USED	TYPE OF STORAGE: ABOVE GROUND, BELOW GROUND	TYPE OF SUPPLY: PUMP, PRESSURE, INTERNAL PRESSURE OR GRAVITY	DISTANCE INSTALLED FROM BUILDING	DISTANCE INSTALLED FROM PROPERTY LINE
8	EXISTING	2,100 G.F.	Compressed GAS-CO2	ABOVE	INTERNAL PRESSURE	N/A	Inside building

OTHER HAZARDOUS MATERIALS:
 SOIL REMEDIATION: N/A

REPIPE: N/A

MEDICAL GAS / COMPRESSED GAS SYSTEM: Existing Compressed Gas System - CO2
COMMENTS:

FIRE DEPARTMENT USE ONLY

DATE	INSPECTOR'S NAME	COMMENTS
2-1-01	SCARION	Final Ins. Approved.

APPLICATION APPROVED: *D. McNeil*
 DEPUTY FIRE MARSHAL
 DATE 1-11-01

- 1. White Copy - Permit
- 2. Canary Copy - Office File (HMM)
- 3. Pink Copy - Records
- 4. Goldenrod Copy - Permittee's Receipt



CITY OF SAN DIEGO
FIRE & LIFE SAFETY SERVICES

1010 SECOND AVENUE, SUITE #300
 SAN DIEGO, CA 92101
 PHONE: 533-4477 / 533-4449

98-1
 FIMS FILE # 01000870
 PERMIT/APPL NO: TAA 10161
 RECEIPT # 1125240
 DATE RECEIVED 10/13/00
 055108

Hazardous Material Permit Application (Fire Dept.)

OWNER/CONTRACTOR	NAME (OR NAME OF BUSINESS) Skye Pharma, Inc			NAME (IF NOT OWNER) Same		
	ADDRESS (NUMBER) (STREET) 11011 N. Torrey Pines Rd.			MAILING ADDRESS (NUMBER) (STREET)		
OWNER	CITY La Jolla	ZIP 92037	TELEPHONE NO. 858-625-2424	CITY	ZIP	TELEPHONE NO.
	NAME (IF NOT OWNER) Same			PHONE NUMBER 858-625-2424		
MAILING ADDRESS (NUMBER) (STREET)			SIGNATURE (OWNER OR AGENT) REQUIRED Paul Eiler			DATE SIGNED 29 SEP 00
CITY	ZIP	TELEPHONE NO.	CELLULAR PHONE NUMBER 619-921-4252	FAX NUMBER 858-625-2439		

COMPENSATION/LIABILITY INSURANCE:

(OF CONTRACTOR OR OWNER) PROVE REQUIRED FOR EACH APPLICATION

NO. OF TANKS	WORK PERFORMED NEW REMOVED, ETC.	TANK CAPACITY GALLONS (Pressurized Gas Cylinders in cu. ft.)	TYPE OF HAZARDOUS MATERIAL STORED OR USED	TYPE OF STORAGE ABOVE GROUND, BELOW GROUND	TYPE OF SUPPLY PUMP PRESSURE INTERNAL PRESSURE OR GRAVITY	DISTANCE INSTALLED FROM BUILDING	DISTANCE INSTALLED FROM PROPERTY LINE
1	Existing	300 gal	Liquid Nitrogen	Above	Pressure	105'	75'

OTHER HAZARDOUS MATERIALS:

SOIL REMEDIATION:

RERIPE:

MEDICAL GAS / COMPRESSED GAS SYSTEM:

COMMENTS:

FIRE DEPARTMENT USE ONLY

DATE	INSPECTOR'S NAME	COMMENTS
11-8-00	S. Carroll	Final Insp Approved By S. Carroll

- 1. White Copy - Permit
- 2. Canary Copy - Office File (HMM)
- 3. Pink Copy - Records
- 4. Goldenrod Copy - Permittee's/Receipt

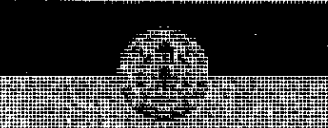
APPLICATION APPROVED:

[Signature]
 DEPUTY FIRE MARSHAL

DATE 1031-00

7105142-01

31-3 010905 TO



CITY OF SAN DIEGO
FIRE & LIFE SAFETY SERVICES
Hazardous Material Permit Application

11/2/05
5/17/05

Hazardous Material Permit Application Fire Dept. 2005

Name of Applicant		Address		City		State		Zip	
Phone		Fax		E-mail		Name of Fire Department		Address	
Type of Material		Quantity		Hazardous		Flammable		Toxic	
Other		Other		Other		Other		Other	
Date of Issue		Date of Expiration		Date of Renewal		Date of Renewal		Date of Renewal	
Name of Fire Department		Address		City		State		Zip	
Phone		Fax		E-mail		Name of Fire Department		Address	
Type of Material		Quantity		Hazardous		Flammable		Toxic	
Other		Other		Other		Other		Other	

FIRE DEPARTMENT USE ONLY

178 Street 4th Floor Apt 4 by S. Carroll

[Signature]
S. Carroll



PERMIT #LMON108664
A.P.N. # 340-010-37-00
EST # 111672 HMD

**COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH
LAND AND WATER QUALITY DIVISION
MONITORING WELL PROGRAM
GEOTECHNICAL BORING CONSTRUCTION PERMIT**

SITE NAME: VERTEX PHARMACEUTICALS

SITE ADDRESS: 11010 TORREYANA RD., SAN DIEGO, CA 92121

PERMIT FOR: **2 GEOTECHNICAL BORINGS**

PERMIT APPROVAL DATE: AUGUST 8, 2012

PERMIT EXPIRES ON: DECEMBER 6, 2012

RESPONSIBLE PARTY: MCFARLANE ARCHITECTS INCORPORATED

PERMIT CONDITIONS:

1. All borings must be sealed from the bottom of the boring to the ground surface with an approved sealing material as specified in California Well Standards Bulletin 74-90, Part III, Section 19.D. **Drill cuttings are not an acceptable fill material.**
2. All borings must be properly destroyed within 24 hours of drilling.
3. Placement of any sealing material at a depth greater than 30 feet must be done using the tremie method.
4. This work is not connected to any known unauthorized release of hazardous substances. Any contamination found in the course of drilling and sampling must be reported to DEH. All water and soil resulting from the activities covered by this permit must be managed, stored and disposed of as specified in the SAM Manual in Section 5, II, E-4. (http://www.sdcounty.ca.gov/deh/lwq/sam/manual_guidelines.html) In addition, drill cuttings must be properly handled and disposed in compliance with the Stormwater Best Management Practices of the local jurisdiction.
5. Within 60 days of completing work, submit a well/boring construction report, including all well and/or boring logs and laboratory data to the Well Permit Desk. This report must include all items required by the SAM Manual, Section 5, Pages 6 & 7.
6. **This office must be given 48-hour notice of any drilling activity on this site and advanced notification of drilling cancellation. Please contact the Well Permit Desk at (858) 505-6688.**

APPROVED BY: Veronica Tavizon-Hitchner

Digitally signed by Veronica Tavizon-Hitchner
DN: cn=Veronica Tavizon-Hitchner, o=Department of
Environmental Health, ou=County of San Diego,
email=veronica.tavizon@sdcounty.ca.gov, c=US
Date: 2012.08.09 13:26:18 -07'00'

VERONICA TAVIZON

DATE: 08/08/2012



**PERMIT APPLICATION
GROUNDWATER
AND VADOSE MONITORING WELLS
AND EXPLORATORY OR TEST BORINGS**

OFFICE USE ONLY	
PERMIT LMON #	108664
SAM CASE Y/N #	111672
DATE RECEIVED:	8/7/2012
FEE PAID:	\$249.00
CHECK #	ONLINE

A. RESPONSIBLE PARTY McFARLANE ARCHITECTS INCORPORATED E-mail djc@mcfarlanearchitects.com
 (The person, persons, or company responsible for the construction, maintenance, and destruction of the proposed borings and/or wells.)
 Mailing Address 6363 GREENWICH DR., SUITE 140 City SAN DIEGO State CA Zip 92122
 Contact Person DEAN CHRISTY Phone 858-453-1150 Ext. 204 Fax 858-453-1911

B. SITE ASSESSMENT PROJECT NUMBER - IF APPLICABLE # G 1493-11-01

C. CONSULTING FIRM GEOCON INCORPORATED
 Mailing Address 6960 FLAUNDERS DR. City SAN DIEGO State CA Zip 92121
 Registered Professional JOHN HOOPS Registration # 1524 (RG, RCE CEG PG)
 E-mail hoops@geoconinc.com Circle if applicable
 Contact Person John Hoops Phone 858-558-6900 Ext. 218 Fax 858-558-6159

D. DRILLING COMPANY Pacific Drilling Company C57# 681380
 Contact Name Tod Clark E-mail tod@pacdrill.com
 Mailing Address P.O. Box 84627 City San Diego State CA Zip 92138
 Phone 619-294-3682 Ext. _____ Fax 619-294-3283

E. CONSTRUCTION INFORMATION

TYPE OF WELLS/ BORINGS TO BE CONSTRUCTED	MATERIALS TO BE USED		PROPOSED CONSTRUCTION
	CASING	SEAL/BORING BACKFILL	
<input type="checkbox"/> Groundwater _____ # _____ <input type="checkbox"/> Vadose _____ # _____ <input checked="" type="checkbox"/> Boring <u>2</u> <input type="checkbox"/> Other _____ # _____ NUMBER OF WELLS TO BE DESTROYED <input type="checkbox"/> <u>NA</u>	Not Applicable <input checked="" type="checkbox"/> X Type _____ Gauge _____ Diameter _____ Well Screen Size _____ Filter Pack _____	<input type="checkbox"/> Neat Cement <input type="checkbox"/> Cement & Bentonite <input type="checkbox"/> Sand-Cement <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Other Borehole diameter <u>6"</u> Drilling Method <input checked="" type="checkbox"/> Auger <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Percussion <input type="checkbox"/> Air Rotary <input type="checkbox"/> Other	Estimated groundwater depth: <u>150</u> ft. Estimated depth of boring <u>30</u> ft. Concrete surface seal <u>0</u> to <u>3</u> Annular seal _____ to _____ Bentonite transition seal _____ to _____ Filter Pack _____ to _____ Perforation _____ to _____ NOTE: Attach a well construction diagram for wells with multiple completions

I agree to comply with the requirements of the current Site Assessment and Mitigation Manual, and with all ordinances and laws of the County of San Diego and the State of California pertaining to well/boring construction and destruction.

DRILLER'S SIGNATURE [Signature] DATE 8/3/2012

Within 60 days of completion, I will furnish the Monitoring Well Permit Desk with a complete and accurate well/boring log. I will certify the design and construction or destruction of the well/borings in accordance with the permit application.

RG/RCE/CEG SIGNATURE [Signature] DATE 8/3/12

I agree to comply with the requirements of the current Site Assessment and Mitigation Manual, and with all ordinances and laws of the County of San Diego and the State of California pertaining to well/boring construction and destruction.

DRILLER'S SIGNATURE _____ DATE _____

Within 60 days of completion, I will furnish the Monitoring Well Permit Desk with a complete and accurate well/boring log. I will certify the design and construction or destruction of the well/borings in accordance with the permit application.

RG/RCE/CEG SIGNATURE _____ DATE _____

F. SITE INFORMATION

1. ASSESSOR'S PARCEL NUMBER 340-010-37-00

Site Name Vertex Pharmaceuticals

Site Address 11010 Torreyana Road

City San Diego

Zip 92121

PROPERTY OWNER BMR-Torreyana LP

Phone 858-207-5892

Ext. _____

Fax 858-248-9235

Mailing Address 17190 Bernardo Center Drive

City San Diego

State CA

Zip 92128-

NUMBER OF WELLS 2-

TYPE OF WELLS Soil Borings

2. ASSESSOR'S PARCEL NUMBER _____

Site Name _____

Site Address _____

City _____

Zip _____

PROPERTY OWNER _____

Phone _____

Ext. _____

Fax _____

Mailing Address _____

City _____

State _____

Zip _____

NUMBER OF WELLS _____

TYPE OF WELLS _____

3. ASSESSOR'S PARCEL NUMBER _____

Site Name _____

Site Address _____

City _____

Zip _____

PROPERTY OWNER _____

Phone _____

Ext. _____

Fax _____

Mailing Address _____

City _____

State _____

Zip _____

NUMBER OF WELLS _____

TYPE OF WELLS _____

4. ASSESSOR'S PARCEL NUMBER _____

Site Name _____

Site Address _____

City _____

Zip _____

PROPERTY OWNER _____

Phone _____

Ext. _____

Fax _____

Mailing Address _____

City _____

State _____

Zip _____

NUMBER OF WELLS _____

TYPE OF WELLS _____

G. FEES (in effect beginning July 1, 2011, through June 30, 2012)

ACTIVITY	FEE SCHEDULE	AMOUNT		
Permit for Well Installations Only (Groundwater Monitoring Wells, Vadose, Vapor Extraction Wells)	\$200.00 for the first monitoring well	\$200.00		
Permit for Well Maintenance Inspection (Valid for three years)	\$99.00 for first well maintenance inspection	\$99.00		
Each Additional New Well	\$161.00 for each additional well installation \$ 30.00 for each additional well maintenance inspection	___ x	\$161.00	\$ ___
		___ x	\$ 30.00	\$ ___

Permit for Borings Only <i>(CPT's, Hydropunch, Geoprobes, Temporary Well Points, etc.)</i>	\$200.00 for the first boring \$ 49.00 for each additional boring	<u>1</u> x \$200.00 <u>1</u> x \$ 49.00	<u>\$200.00</u> <u>\$49.00</u>
Permit for Well Destructions Only	\$200.00 for the first destruction \$123.00 for each additional destruction ...	___ x \$200.00 ___ x \$123.00	\$_____ \$_____
Permit for any Combination of Well Installations, Borings, & Destructions <i>(except UST backfill permit)</i>	The first activity will be \$200.00 Additional activities will be as follows: \$161.00 for each additional well \$99.00 for first well maintenance inspection \$ 30.00 for each additional well maintenance inspection \$123.00 for each well destruction \$ 49.00 for each additional boring	___ x \$200.00 ___ x \$161.00 ___ x \$ 99.00 ___ x \$ 30.00 ___ x \$123.00 ___ x \$ 49.00	\$_____ \$_____ \$_____ \$_____ \$_____
Permit for Underground Storage Tank Monitoring System in Backfill <i>(i.e. Enhanced Leak Detection)</i>	\$320.00 (Flat Fee)		\$_____
	TOTAL COST OF PERMIT		<u>\$249.00</u>

10. Are you proposing a variation in drilling and destruction of soil borings from the methods and/or procedures specified in the current SAM manual? If yes, specify these variations and include a destruction diagram.
Yes No NA
11. What procedures will be used to ensure that the drilling equipment will introduce no contamination?
Immediately following drilling and sampling, the borings will be backfilled with boring spoils. Drill fluids will not be used.
12. What methods will be used to clean sampling equipment? A wire brush.
13. What cleaning method will be used to clean casing and screen prior to installation? Screens or casing will not be used during the drilling operation.
14. A Property Owner Consent (POC) agreement is required for all applications, except for onsite, open LOP/SAM site assessment cases, Caltrans properties and military properties.



County of San Diego

JACK MILLER
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
LAND AND WATER QUALITY DIVISION
P.O. BOX 120261, SAN DIEGO, CA 92112-0261
phone: 858-505-8700/800-263-9933 FAX: 858-505-6891
<http://www.sdcdelh.org>

ELIZABETH POZZEBON
ASSISTANT DIRECTOR

PROPERTY OWNER CONSENT

Proposed locations for subsurface work:

Property Address:

Assessor's Parcel Number (APN):

11010 Torreyana Road
San Diego, CA 92121

340-010-37-00

I, Geocon Incorporated owner of the property/properties listed above, give my permission to Geocon Incorporated (consulting company) contractor) to conduct the following work at the locations stated above.

Install _____ monitoring wells Destroy _____ monitoring wells Drill 2 soil borings

I understand that John Hooks (registered professional) of Geocon Incorporated (consulting company) and an authorized signer for Pacific Drilling Company (drilling company) have submitted a signed application to the Department of Environmental Health in which they have agreed to complete the above-stated work according to the requirements of the current SAM Manual, all ordinances and laws of the County of San Diego and the State of California pertaining to well/boring construction and destruction. I have arranged with the Responsible Party, the person who causes to have monitoring wells/borings installed or existing wells destroyed on this property, to ensure proper closure of the monitoring wells/borings.

Property Owner Signature: [Signature] Date: 8-1-12

Print Name: John Bonanno Title: Sr. VP, Leasing & Development

Company: BMR-Torreyana LP

Mailing Address: 17190 Bernardo Center Dr., San Diego CA 92128



Google earth

feet
meters

300
90



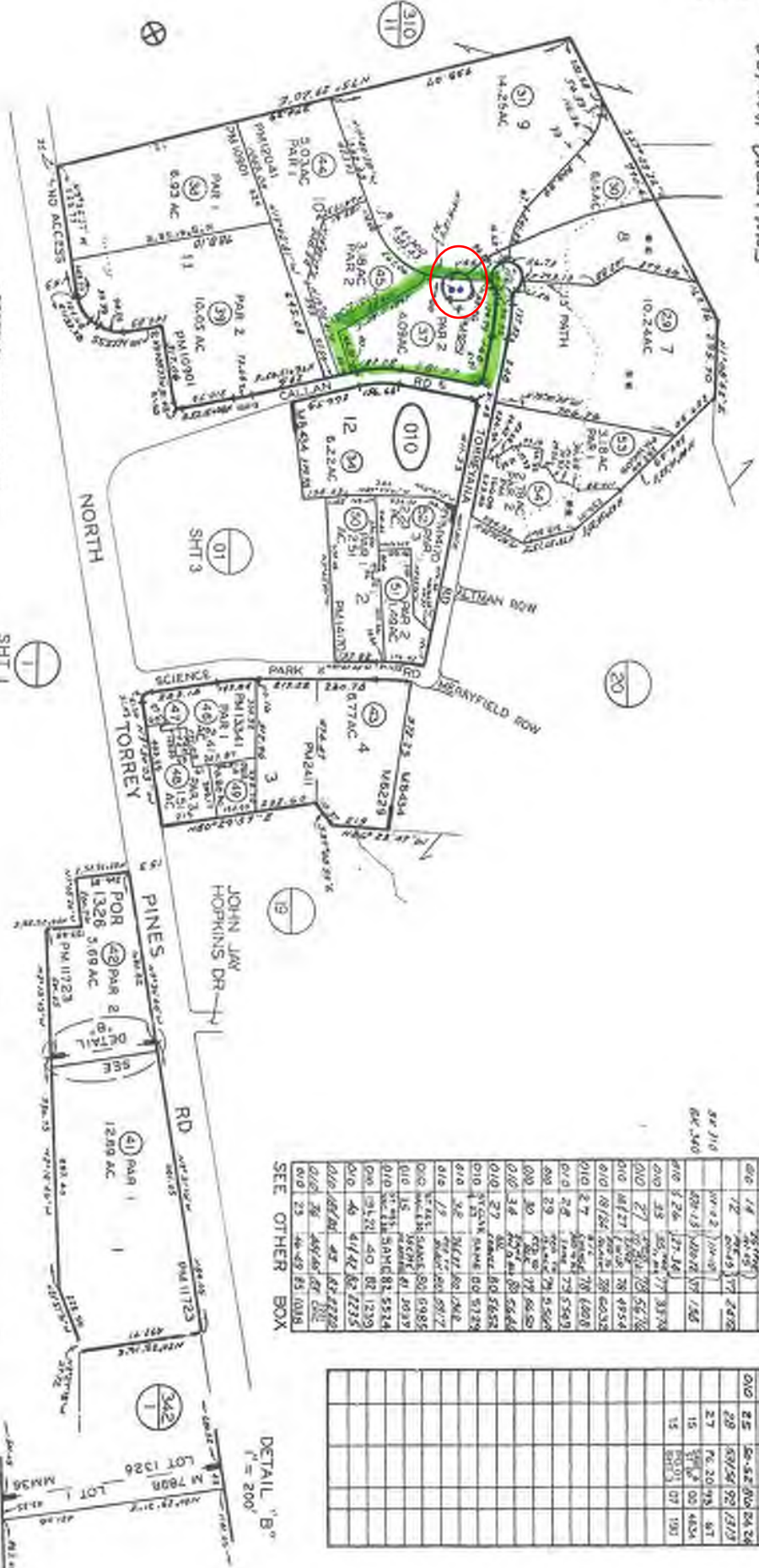
11010 Torreyana Road
San Diego, CA

Ⓟ B-1 + B-2
(Boring Locations on north side of Building
to max depth of 20-30 feet.)

11010 TORREYANA RD.
SAN DIEGO, CA 92121
Parcel No. 340-010-37-00

340-010

APPROXIMATE
BORROW LOCATIONS



CHANGES

BLK	OLD	NEW	VR	CUT
105	125	126	20	4003
106	14	20	100	26
107	12	20	100	26
108	12	20	100	26
109	12	20	100	26
110	12	20	100	26
111	12	20	100	26
112	12	20	100	26
113	12	20	100	26
114	12	20	100	26
115	12	20	100	26
116	12	20	100	26
117	12	20	100	26
118	12	20	100	26
119	12	20	100	26
120	12	20	100	26
121	12	20	100	26
122	12	20	100	26
123	12	20	100	26
124	12	20	100	26
125	12	20	100	26
126	12	20	100	26
127	12	20	100	26
128	12	20	100	26
129	12	20	100	26
130	12	20	100	26

CHANGES

BLK	OLD	NEW	VR	CUT
010	25	50	52	204,246
011	28	60	64	201,424
012	27	60	64	201,424
013	27	60	64	201,424
014	27	60	64	201,424
015	27	60	64	201,424
016	27	60	64	201,424
017	27	60	64	201,424
018	27	60	64	201,424
019	27	60	64	201,424
020	27	60	64	201,424
021	27	60	64	201,424
022	27	60	64	201,424
023	27	60	64	201,424
024	27	60	64	201,424
025	27	60	64	201,424
026	27	60	64	201,424
027	27	60	64	201,424
028	27	60	64	201,424
029	27	60	64	201,424
030	27	60	64	201,424
031	27	60	64	201,424
032	27	60	64	201,424
033	27	60	64	201,424
034	27	60	64	201,424
035	27	60	64	201,424
036	27	60	64	201,424
037	27	60	64	201,424
038	27	60	64	201,424
039	27	60	64	201,424
040	27	60	64	201,424
041	27	60	64	201,424
042	27	60	64	201,424
043	27	60	64	201,424
044	27	60	64	201,424
045	27	60	64	201,424
046	27	60	64	201,424
047	27	60	64	201,424
048	27	60	64	201,424
049	27	60	64	201,424
050	27	60	64	201,424

SEE OTHER BOX

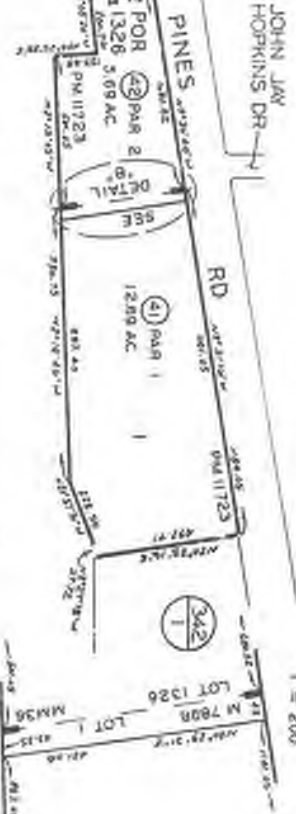
DETAIL 'B'
1" = 200'

DATE: 06/27
SHEET: 2 OF 3

THIS MAP WAS PREPARED FOR ASSISTANT ENGINEERS ONLY. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE DATA SHOWN. ACCESSORS' RECORDS MUST BE KEPT CURRENT WITH LOCAL SUBDIVISION OR BLDG DEPARTMENTS.

MAP 8434-TORREY PINES SCIENCE PARK UNIT NO. 2
MAP 7898-SCRIPPS CLINIC
MAP 6229-TORREY PINES SCIENCE PARK UNIT NO. 1
MM 36-PUEBLO LANDS-POR LOT 1326
ROS 17039

RESERVED FOR FUTURE ST
OPEN SPACE EASEMENT





Project No. G1493-11-01
September 19, 2012

Monitoring Well Permit Desk
Site Assessment and Mitigation Division
County of San Diego, Department of Environmental Health
Post Office Box 129261
San Diego, California 92112-9261

Subject: SUBMITTAL OF BORING LOGS
VERTEX PHARMACEUTICALS
11010 TORREYANA ROAD
APN 340-010-37-00
WELL PERMIT NO. LMON108664
SAN DIEGO, CALIFORNIA

To Whom It May Concern:

In accordance with your request, we have prepared this letter presenting information regarding exploratory borings performed at the subject project related to DEH Permit No. LMON108664 dated August 8, 2012.

The geologic conditions encountered consist of undocumented fill underlain by Very Old Paralic Deposits. The site location is presented on the Vicinity Map (Figure 1). The approximate boring locations and parcel map are shown on Figures 2 and 3, respectively. The borings were drilled by Pacific Drilling Co. The borings were extended to depths ranging between 16 feet to 38.5 feet. Logs of the borings are attached as Figures A-1 through A-2. The borings were backfilled the full depth with bentonite slurry. The approximate volume of bentonite slurry used as backfill is shown on each boring log.

Please contact the undersigned if you have any questions.

Very truly yours,

GEOCON INCORPORATED

A handwritten signature in green ink, appearing to read 'John Hoops'.

John Hoops
CEG 1524



JH:dmc

Attachments: Figure 1, Vicinity Map
Figure 2, Boring Location Plan/Site Map
Figure 3, Parcel Map
Figures A-1 and A-2, Log of Borings

(1) Addressee

RECEIVED

SEP 21 2012

ENVIRONMENTAL
HEALTH



THE GEOGRAPHICAL INFORMATION MADE AVAILABLE FOR DISPLAY WAS PROVIDED BY GOOGLE EARTH. SUBJECT TO A LICENSING AGREEMENT. THE INFORMATION IS FOR ILLUSTRATIVE PURPOSES ONLY; IT IS NOT INTENDED FOR CLIENT'S USE OR RELIANCE AND SHALL NOT BE REPRODUCED BY CLIENT. CLIENT SHALL INDEMNIFY, DEFEND AND HOLD HARMLESS GEOCON FROM ANY LIABILITY INCURRED AS A RESULT OF SUCH USE OR RELIANCE BY CLIENT.



SCALE : 1" = 1000'

GEOCON
INCORPORATED



GEOTECHNICAL ■ ENVIRONMENTAL ■ MATERIALS
6960 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121 - 297 4
PHONE 858 558-6900 - FAX 858 558-6159

VICINITY MAP

VERTEX PHARMACEUTICAL
BUILDING DECK ADDITION
11010 TORREYANA ROAD
SAN DIEGO, CALIFORNIA

JH / RS		DSK/GTYPD
---------	--	-----------

DATE	PROJECT NO. G1493 - 11- 01	FIG. 1
------	----------------------------	--------



Google earth

feet
meters



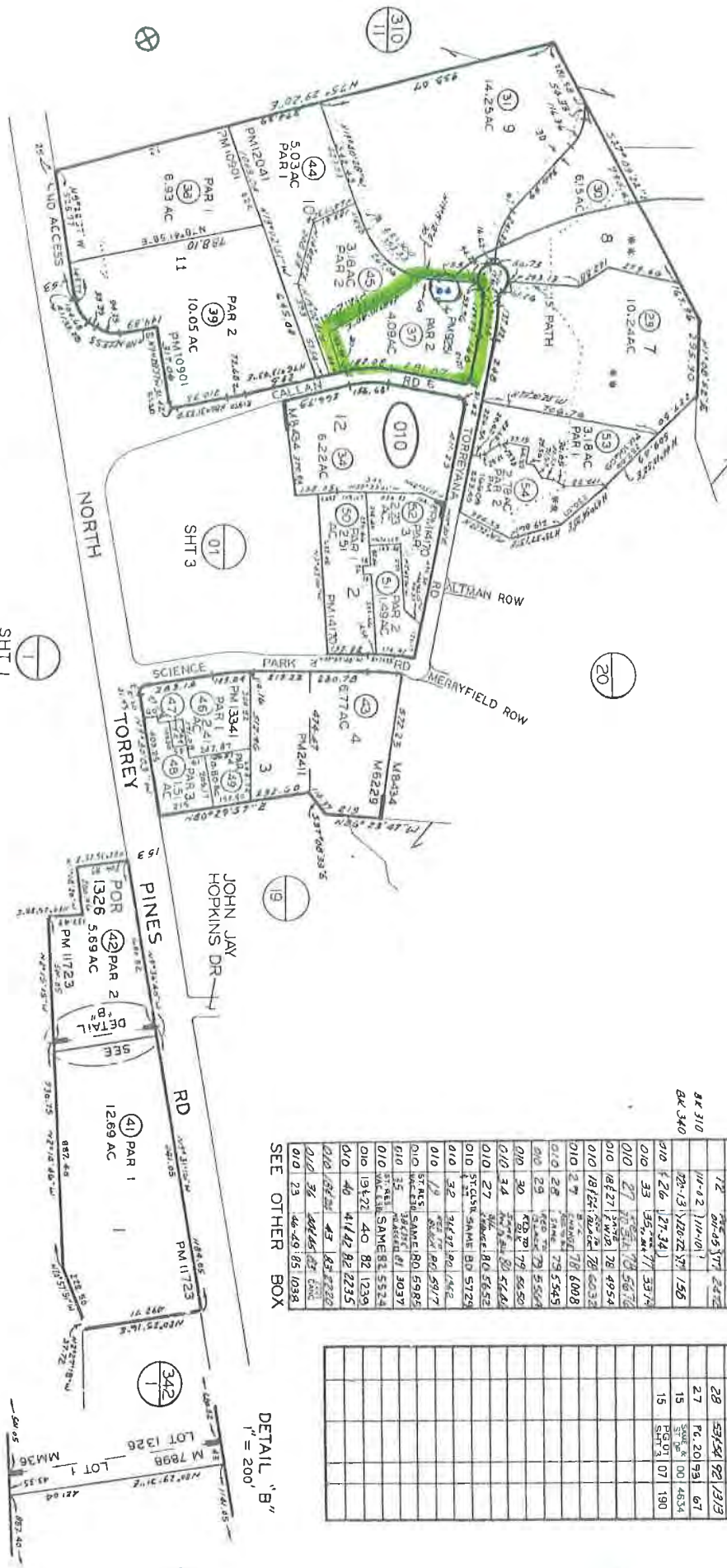
11010 Torreyana Rd
San Diego CA 92121-2410-37-00

Figure 2 Borina Location Plan



11010 TORREYANA RD.
 SAN DIEGO, CA 92121
 Parcel No. 340-010-37-00

APPROXIMATE
 BORING LOCATIONS



5-1
 7-18-77

THIS MAP WAS PREPARED FOR ASSESSMENT PURPOSES ONLY. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE DATA SHOWN. ASSESSOR'S BUREAU MAY NOT COMPLY WITH LOCAL SUPERVISION OR RECORDING ORDINANCES.

RESERVED FOR FUTURE ST
 OPEN SPACE EASEMENT

- MAP 8434-TORREY PINES SCIENCE PARK UNIT NO. 2
- MAP 7898-SCRIPPS CLINIC
- MAP 6229-TORREY PINES SCIENCE PARK UNIT NO. 1
- MM 36-PUEBLO LANDS-POR LOT 1326
- ROS 17039

CHANGES	
BLK	OLD NEW/YR CUT
010	16 125 552 76 4002
010	14 24 45 145 1
010	12 20 45 177 2472
010	11 4 2 114 10 1
010	10 13 120 22 17 156
010	9 26 127 34 1
010	8 33 35 24 17 3374
010	7 27 10 21 10 56 72
010	6 18 27 1 1 1 28 4954
010	5 18 124 18 24 28 6032
010	4 7 1 1 1 1 1 6008
010	3 2 2 1 1 1 1 75 5345
010	2 9 1 1 1 1 1 71 5564
010	1 30 1 1 1 1 1 71 6650
010	0 34 1 1 1 1 1 80 5664
010	0 27 1 1 1 1 1 80 5664
010	0 27 1 1 1 1 1 80 5664
010	0 32 1 1 1 1 1 80 5664
010	0 19 1 1 1 1 1 80 5664
010	0 35 1 1 1 1 1 80 5664
010	0 35 1 1 1 1 1 80 5664
010	0 40 1 1 1 1 1 82 1236
010	0 40 1 1 1 1 1 82 1236
010	0 36 1 1 1 1 1 82 1236
010	0 23 1 1 1 1 1 82 1236

CHANGES	
BLK	OLD NEW/YR CUT
010	25 50 52 80 24 24
010	28 59 24 92 13 13
010	15 15 20 94 1 67
010	15 15 20 94 1 67
010	15 15 20 94 1 67

DETAIL 'B'
 1" = 200'

Figure 3, Parcel Map

DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	SOIL CLASS (USCS)	BORING B 1		PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
					ELEV. (MSL.) _____	DATE COMPLETED <u>08-21-2012</u>			
					EQUIPMENT <u>MINI MOLE W/6" SOLID FLIGHT</u>		BY: <u>A. GASTELUM</u>		
MATERIAL DESCRIPTION									
0				SM	UNDOCUMENTED FILL (Qudf) Medium dense, damp, olive brown to brown, Silty, fine to medium SAND				
1									
2	B1-1			SM	Very dense, damp to moist, reddish brown, Silty, fine-to coarse-grained SANDSTONE; trace gravel pp=4.5+ tsf		50/5"	120.3	6.4
3									
4	B1-2								
5	B1-3				pp=4.5+ tsf -Becomes mottled, yellowish brown to olive brown		68	116.3	4.2
6									
7									
8				CL	Very stiff, moist, grayish brown, Sandy CLAYSTONE; moderately cemented, micaceous, iron oxide deposits pp=4.5+ tsf				
9									
10	B1-4			SM	Dense to very dense, moist, yellowish brown, Silty, fine-to coarse-SANDSTONE		50/5"	117.5	6.2
11									
12									
13									
14									
15	B1-5				pp=4.5+ tsf		68	118.2	11.7
16					BORING TERMINATED AT 16 FEET No groundwater encountered Backfilled with 3.1 cu.ft. of bentonite slurry				

Figure A-1,
Log of Boring B 1, Page 1 of 1

G1493-11-01.GPJ

SAMPLE SYMBOLS	<input type="checkbox"/> ... SAMPLING UNSUCCESSFUL	<input type="checkbox"/> ... STANDARD PENETRATION TEST	<input type="checkbox"/> ... DRIVE SAMPLE (UNDISTURBED)
	<input type="checkbox"/> ... DISTURBED OR BAG SAMPLE	<input type="checkbox"/> ... CHUNK SAMPLE	<input type="checkbox"/> ... WATER TABLE OR SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	SOIL CLASS (USCS)	BORING B 2		PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
					ELEV. (MSL.) _____	DATE COMPLETED 08-21-2012			
					EQUIPMENT MINI MOLE W/6" SOLID FLIGHT		BY: A. GASTELUM		
MATERIAL DESCRIPTION									
0				SM	UNDOCUMENTED FILL (Qudf)				
1					Medium dense, damp, reddish brown to brown, Silty, fine to medium SAND				
2									
3	B2-1			SM	pp=4.5+ tsf		75	123.3	4.6
4	B2-2				Dense to very dense, damp, olive brown to yellowish brown, Silty, fine-to coarse-grained SANDSTONE				
5	B2-3				pp=4.5+ tsf		50/6"	122.7	4.8
6									
7									
8									
9									
10	B2-4				pp=4.5+ tsf		75	117.3	5.4
11					-Becomes mottled grayish brown				
12									
13									
14									
15	B2-5				pp=4.5+ tsf		70	118.8	12.3
16					-Becomes mottled yellowish brown and moist				
17									
18	B2-6				pp=4.5+ tsf		52	118.4	13.2
19					-Becomes grayish brown, some clay				
20									
21									
22									
23					-Becomes very dense at 23 feet				
24					-Minor rootlets below 24 feet				
25	B2-7				pp=4.5+ tsf		45	111.8	8.0
26									
27									
28					-Difficult drilling below 28 feet				
29									

**Figure A-2,
Log of Boring B 2, Page 1 of 2**

G1493-11-01.GPJ

SAMPLE SYMBOLS	<input type="checkbox"/> ... SAMPLING UNSUCCESSFUL	<input type="checkbox"/> ... STANDARD PENETRATION TEST	<input type="checkbox"/> ... DRIVE SAMPLE (UNDISTURBED)
	<input checked="" type="checkbox"/> ... DISTURBED OR BAG SAMPLE	<input type="checkbox"/> ... CHUNK SAMPLE	<input type="checkbox"/> ... WATER TABLE OR SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	SOIL CLASS (USCS)	BORING B 2		PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)	
					ELEV. (MSL.) _____ DATE COMPLETED 08-21-2012	EQUIPMENT MINI MOLE W/6" SOLID FLIGHT BY: A. GASTELUM				
MATERIAL DESCRIPTION										
30	B2-8				-Some clay and minor organics below 30 feet pp=4.5+ tsf		44	109.3	15.4	
31	B2-9									
32										
33										
34										
35	B2-10					pp=4.5+ tsf		68/11"	115.2	16.4
36					SM	VERY OLD PARALIC DEPOSITS (Qvop) Very dense, moist, yellowish to reddish brown, Silty, fine to medium SAND with some clay				
37										
38	B2-11					pp=4.5+ tsf		-50/4.5"		
					BORING TERMINATED AT 38.5 FEET No groundwater encountered Backfilled with 7.5 cu.ft.. of bentonite slurry					

Figure A-2,
Log of Boring B 2, Page 2 of 2

G1493-11-01.GPJ

SAMPLE SYMBOLS		
	... SAMPLING UNSUCCESSFUL	
	... DISTURBED OR BAG SAMPLE	

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

INDEMNIFY AND HOLD THE OWNER AND HIS REPRESENTATIVES HARMLESS FROM ANY AND ALL LIABILITY, REAL AND/OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.

SITE CONSTRUCTION NOTES:

1. EXISTING IRRIGATION SYSTEMS SHALL BE PROTECTED IN PLACE DURING RENOVATION. ALL EXISTING IRRIGATION TO BE DISTURBED DURING CONSTRUCTION SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
2. CONTRACTOR IS RESPONSIBLE FOR ALL TRAFFIC CONTROL DURING ALL PHASES OF CONSTRUCTION.
3. CONTRACTOR SHALL COORDINATE WITH ALL ON-SITE MAINTENANCE PERSONNEL DURING CONSTRUCTION.
4. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH ALL PROJECT ASSOCIATED CONTRACTORS, ON-SITE PERSONNEL, CITY/DEH STAFF AS REQUIRED (INCLUDING MEETING, TESTING AND INSPECTIONS ETC.), PRIOR TO AND DURING ALL PHASES OF CONSTRUCTION.
5. CONTRACTOR SHALL PROTECT-IN-PLACE AND MAINTAIN EXISTING SYSTEMS OPERATIONAL DURING CONSTRUCTION AS REQUIRED.
6. CONTRACTOR SHALL REPAIR ANY AND ALL SYSTEMS THAT ARE DISTURBED/DAMAGED DURING CONSTRUCTION AND RESTORE TO ORIGINAL CONDITION SUCH AS CURBS, PAVING, D.G., INFRASTRUCTURE, LANDSCAPE IRRIGATION / PLANTING ETC., AT CONTRACTOR'S EXPENSE.
7. PRIOR TO ANY EXCAVATION ON THE IRRIGATION SYSTEM, CONTACT CROSS-CONNECTION INSPECTOR ANGELO RUSSELL AT 619-616-5799.

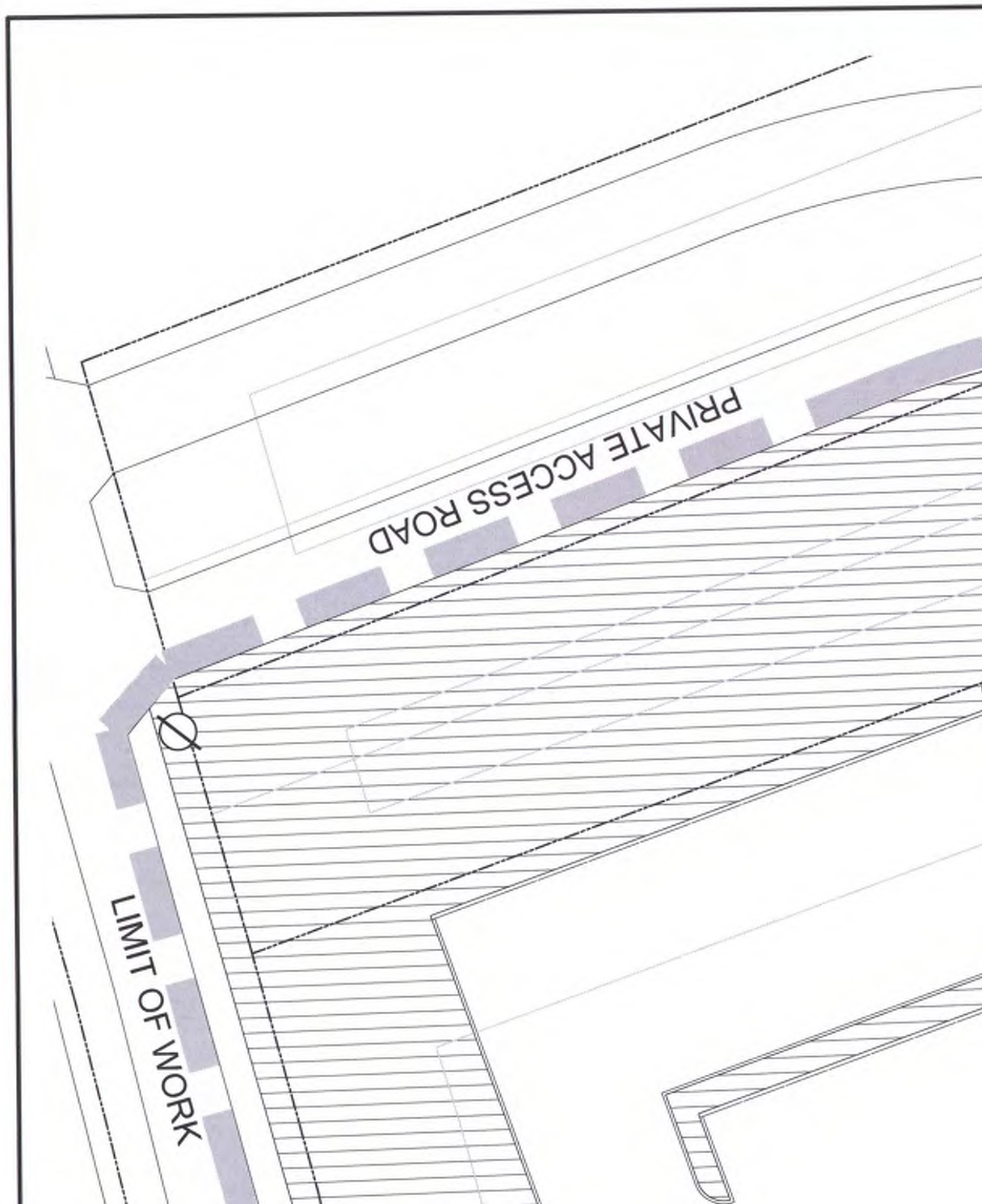
LANDSCAPE ARCHITECT

I HEREBY DECLARE THAT I AM THE LANDSCAPE ARCHITECT RESPONSIBLE CHARGE OVER THE DESIGN OF PROFESSIONS CODE AND THE DESIGN IS COMPLETE.

I UNDERSTAND THAT THE CHECK OF PROJECT SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL RELIEVE ME, AS THE LANDSCAPE ARCHITECT.



JAMES C. KUHLEN
REGISTRATION NO.:
RICK ENGINEERING LANDSCAPE ARCHITECTURE D
5620 FRIARS ROAD
SAN DIEGO, CA. 92110
619-291-0707 (PH.) 619-908-3581 (FAX)



OUTDOOR EATING AREA, PICNIC TABLES

IRRIGATION AREA OF COVERAGE



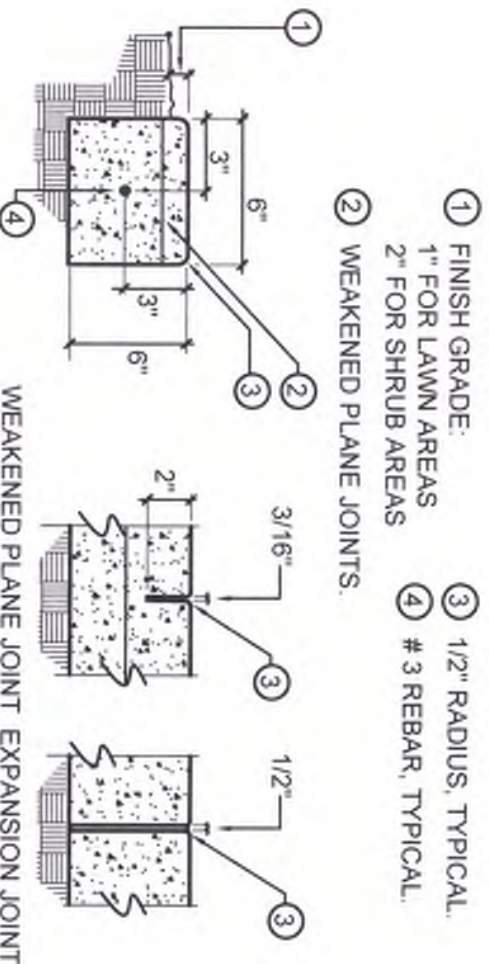
DIMENSION	A	B	C
1/2" TO 2-1/2" IN SIZE	18"	12"	4"
3" IN SIZE	24"		4"
4" AND LARGER	36"		4"

NOTE:

1. ALL RECYCLED WATER IRRIGATION PIPING AND SLEEVES SHALL BE PURPLE AND LABELED TYP.

A TRENCHING INSTALLATION

SCALE: N.T.S.



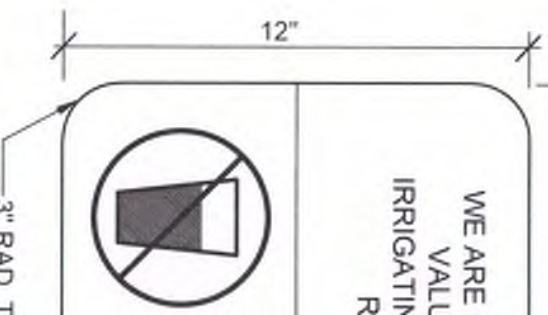
NOTES:

1. REBAR SHALL BE CONTINUOUS WITH 12" OVERLAP AT SPLICES.
2. CONCRETE SHALL BE 2000 PSI AND SAME COLOR AS ANY ADJACENT CONCRETE.
3. INSTALL EXPANSION JOINTS WHERE THE MOWING STRIP ABUTS ANY CONCRETE IMPROVEMENT.
4. FINAL LOCATION SHALL BE DETERMINED IN FIELD WITH OWNER'S REPRESENTATIVE, PRIOR TO CONSTRUCTION.

D 6" CONCRETE MOW-CURB

- NOTE:
1. SLEEVES TO BE TWICE THE
 2. ALL RECYCLED WATER IRRIGATION PIPING AND SLEEVES SHALL BE PURPLE AND LABELED TYP.
 3. DETECTABLE WARNING TYP. 3" WIDTH WITH ALUMINUM

B SLEEVE INSTALLATION



NOTE:

SIGN SHALL BE MANUFACTURED FROM ALUMINUM SHEET OR SIGN SHALL INCORPORATE PURPLE LETTERS AND SIGN SHALL BE MOUNTED TO CURB WITH ANODIZED LAG SCREWS. SET POST IN 10"x26" MIN.

E RECYCLE



SEE NOTE 1

RECLAIMED WATER TRENCH

NOTES:


1. TRENCH DETAILS SHALL BE PER SAN DIEGO STANDARD DRAWINGS I-25, I-26 OR W-21.
2. RECYCLED WATER PIPE SHALL BE PURPLE COLOR CODED INTEGRALLY STAMPED OR MARKED AS "CAUTION-RECYCLED WATER-DO NOT DRINK" AND "PELIGRO: AGUA IMPURA-NO BEBER" OR USE A PURPLE POLYETHYLENE OR VINYL WRAP OR USE RECYCLED WATER WARNING TAPE.
3. RECYCLED WATER WARNING TAPE 6 INCHES WIDE FOR 6-INCH AND SMALLER PIPE AND 12 INCHES WIDE FOR 8-INCH OR LARGER PIPE SHALL BE PURPLE WITH BLACK LETTERING STATING "CAUTION-RECYCLED WATER-DO NOT DRINK" AND "PELIGRO: AGUA IMPURA-NO BEBER" AND SHALL BE PLACED 2 FT BELOW FINISHED SURFACE. AN ADDITIONAL TAPE ALONG TOP OF PIPE SHALL BE SECURED EVERY 3 FT TO TOP OF PIPE (EXCEPT FOR PURPLE COLORED PIPE IDENTIFIED AS RECYCLED WATER).
4. FOR NON-METALLIC PIPE, METALLIC RECYCLED WATER WARNING TAPE SHALL BE USED AT THE 2 FT DEPTH BELOW FINISH SURFACE PER SAN DIEGO STANDARD DRAWING W-25.
5. THE TERM "RECLAIMED WATER" IS THE SAME AS THE TERM "RECYCLED WATER".

RECYCLED WATER TRENCH DETAIL

R-101
CIP

REVISION	BY	APPROVED	DATE

REVIEWED BY	INITIALS	DATE

WATER DEPARTMENT <i>City of San Diego</i>		STANDARD DETAIL
		CIP
		RW-101

MAINLINE TRENCHING INSTALLATION

SCALE: N.T.S.

K

SIGN / TAG

SCALE: N.T.S.

L

REVISION	BY	APPROVED	DATE

REVIEWED BY	INITIALS	DATE

2. If potable water is not currently used for irrigation, there are no supplementary
submittal requirements.

PART 2 -- PRODUCTS (Not Used)

PART 3 -- EXECUTION

3.1 SEPARATION VERIFICATION PROCEDURE

A. The CONTRACTOR shall perform a separation verification procedure as follows:

1. Perform all construction and modifications as required in the Contract Documents.
Make connections between the existing irrigation system and the new recycled water
system only after authorized by the CONSTRUCTION MANAGER.
CITY OF SAN DIEGO WATER DEPARTMENT CONNECTIONS TO RECYCLED WATER SYSTEM
PROJECT NO. _____
PROJECT NAME: RECYCLED WATER IRRIGATION RETROFIT AT 11010 TORREYANA ROAD.
DATE: FEBRUARY 5, 2016

2. Shut off all domestic water service valves and close all valves between the recycled water
connection point and the irrigation system.

3. Open all existing irrigation valves to be served with recycled water and allow residual water to drain
from the system.

4. Open the source valve serving the domestic water system. Ensure that all valves to the irrigation
system remain closed.

5. After no less than two hours, determine whether water is flowing through the irrigation system. No
water should be flowing through the irrigation system as all valves to the irrigation system are closed. If
flow occurs, the irrigation system is still connected to the potable water system at some location.
Visually inspect for flow at all sprinkler heads, quick couplers, and any other irrigation service intended
for recycled water use. Replace all hose bibbs connected to the irrigation system with a quick-coupler
connection, and post a recycled water warning sign at the quick-coupler location. If a cross-connection
is found at a drinking water fountain, a new potable line shall be
installed to supply the fountain or the fountain shall be abandoned as directed by the
CONSTRUCTION MANAGER. Replacement of hose bibbs found but not indicated on the Drawings,
including corresponding sign installation and drinking fountain
modifications due to cross-connections, shall be paid for as extra work.

2. Section 15100 Valves, General

3. Section 15103 Globe Valves

4. Section 15106 Ball Valves

5. Section 15109 Gate Valves

6. Section 15115 Miscellaneous
CITY OF SAN DIEGO WATER
PROJECT NO. _____
PROJECT NAME: RECYCLED
DATE: FEBRUARY 5, 2016

1.3 CONTRACTOR SUBMITTALS

A. The following shall be submitted:
1. Shop drawings of all stencil
identification tags.

2. Manufacturer's technical data
for use on the Work. Samples
identification.

1.4 OPERATION AND MAINTENANCE

A. The CONTRACTOR shall provide
Operations and Maintenance Instructions
of compliance indicating that a
Contract Documents.

PART 2 -- PRODUCTS

2.1 IDENTIFICATION LABELS

A. In all cases, the identification
prior approval may result in the
approved replacement(s). All costs
or [Customer's] expense. The Contractor
Enterprises or approved equal.



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
LAND AND WATER QUALITY DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
Phone: (858) 505-6700 or (800) 253-9933 Fax: (858) 505-6786
www.sdcdelh.org

AMY HARBERT
ASSISTANT DIRECTOR

October 15, 2020

Laila Nasrawi, P.E.
Recycled Water Program
Public Utilities Department
525 B Street, Suite 300 MS 906
San Diego, CA 92101

11010 Torreyana Rd - DEH Control Number: DEH2020-LRWS-001262

Dear Ms. Nasrawi,

The reclaimed water irrigation plans for the above project have been received and reviewed by the County of San Diego Department of Environmental Health (DEH). The purpose of the review by DEH is to determine compliance with good public health engineering practices, applicable rules and regulations as applied to the use of recycled water for irrigation purposes. The following corrections/comments must be incorporated into the irrigation plans prior to approval being granted by DEH:

1. Include the DEH control number in the upper right hand corner of the title sheet: DEH2020-LRWS-001262.
2. Provide an updated date and expiration date on the architect stamp on the title sheet.
3. On DEH recycled water note #19, replace "Otay Water District" with "San Diego".
4. Show an additional Do Not Drink sign next to the driveway entrance.
5. Show fire laterals and hydrants.
6. Label existing irrigation areas as potable. The site is not currently connected to recycled water.
7. A site inspection was completed on October 15th with City of San Diego Water.
8. This original correction letter should be included with notes on how corrections were accomplished when re-submitting plans for approval.

Please note that review and approval of the plans by DEH covers the irrigation portion of the plans only and does not include any other parts of the plans. Please call me at (858) 880-4371 if you have any questions.

Sincerely,

Jenna Poitras, REHS
Environmental Health Specialist II
Land and Water Quality Division

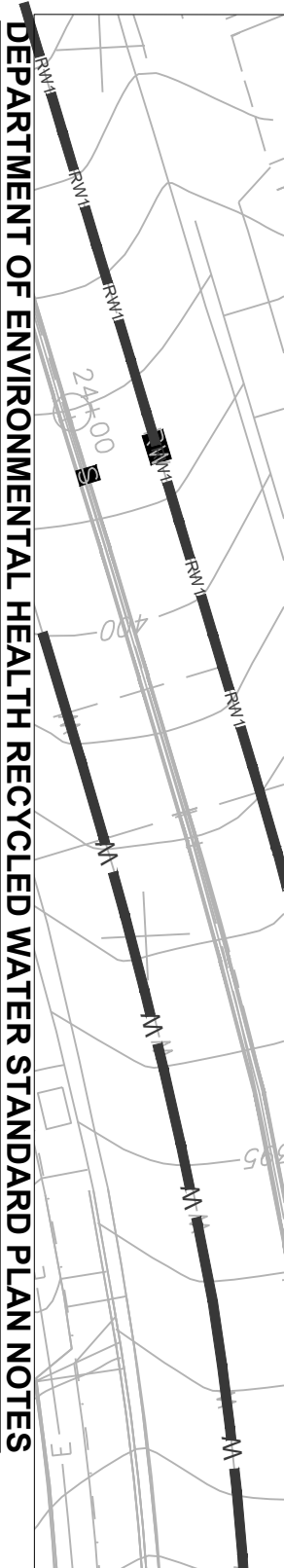


County Of San Diego Department of Environmental Health Land and Water Quality Division

Accela	<input checked="checked" type="checkbox"/>
Link	<input type="checkbox"/>

RECYCLED WATER SHUTDOWN TEST/COVERAGE TEST

Date 11/16/2020	ACCELA Permit No. DEH2020-LRWS-001262	Water District San Diego	Start 9:00 AM	End 1:00 PM
VX Code	Project Name and Address 11010 Torreyana Rd, San Diego	Recycled water use Irrigation		
Staff Present Jenna Poitras (COSD) James O'Connor (City of San Diego)	Billing party if different than water district JB Pacific, Inc.			
Threshold valves used? Yes	Test gauge locations #4 test cock on potable RP			
Shutdown test description:				
Initial shutdown test.				
Following potable shut off and initial pressure drop, recycled irrigation stations run for 2 minutes each. Pressure on potable gauge remained steady through test. No spikes on pressure gauge observed.				
No cross connections observed.				
Purple identification observed throughout site, including recycled water signage. Items missing purple identification have been addressed.				
DEH Test Recommendation/Guidance				
PASS				
Test pass				



DEPARTMENT OF ENVIRONMENTAL HEALTH RECYCLED WATER STANDARD PLAN NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE SAN DIEGO WATER DISTRICT'S RULES AND REGULATIONS.
2. DRINKING WATER FOUNTAINS AND DESIGNATED OUTDOOR EATING AREAS SHALL BE PROTECTED AGAINST CONTACT WITH RECYCLED WATER SPRAY, MIST, OR RUNOFF.
3. BEST MANAGEMENT PRACTICES SHALL BE USED TO ELIMINATE OR CONTROL TO THE BEST EXTENT POSSIBLE PONDING, RUN-OFF, OVER-SPRAY AND MISTING.
4. HOSE BIBS ARE STRICTLY PROHIBITED.
5. CROSS-CONNECTIONS BETWEEN RECYCLED WATER LINES AND POTABLE WATER LINES ARE STRICTLY PROHIBITED.
6. NO SUBSTITUTIONS OF PIPE MATERIALS WILL BE ALLOWED WITHOUT PRIOR APPROVAL OF THE SAN DIEGO WATER DISTRICT.
7. ALL MAINLINE PIPES SHALL HAVE WARNING TAPE PER SAN DIEGO WATER DISTRICT'S RULES AND REGULATIONS.
8. HOURS FOR IRRIGATION WITH RECYCLED WATER ARE FROM 9:00 P.M. TO 6:00 A.M. THE HOURS FOR IRRIGATION WITH DISINFECTED TERTIARY RECYCLED WATER MAY BE MODIFIED BY THE LOCAL AUTHORITY. IRRIGATION DURING PUBLIC USE PERIODS WITH DISINFECTED TERTIARY RECYCLED WATER SHALL BE UNDER THE SUPERVISION OF THE DESIGNATED USER SUPERVISOR. IRRIGATION WITH WATER OF A LESSER QUALITY THAN DISINFECTED TERTIARY RECYCLED WATER SHALL BE BETWEEN THE HOURS OF 9:00 P.M. AND 6:00 A.M.
9. BURIAL OF ALL WIRING AND PIPING SHALL MEET SAN DIEGO WATER DISTRICT'S RULES AND REGULATIONS.

ME	
PC	
#	
#	

10. N...
11. I...
12. F...
13. C...
14. A...
15. C...
16. C...

ALL IDEAS, DESIGN ARRANGEMENTS, AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF AVRP STUDIOS, INC. AND WERE

PRIOR TO BIDDING WORK AND PRIOR TO COMMENCEMENT OF WORK.
NOTE 6:
CONTRACTOR SHALL BE RESPONSIBLE FOR THE
DISPOSAL OF ALL EXISTING IRRIGATION EQUIPMENT
CONSTRUCTION IMPROVEMENTS. ALL EQUIPMENT TO BE REMOVED
WORK AND PRIOR TO COMMENCEMENT OF WORK.

ALL IDEAS, DESIGN ARRANGEMENTS, AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF AVRP STUDIOS, INC. AND WERE



THE EXISTING 2" LOCATED OUTSIDE LOCATION; THE DISCONTINUED METER; SHOWN REFER TO PREVIOUS BY RICK ENGINE



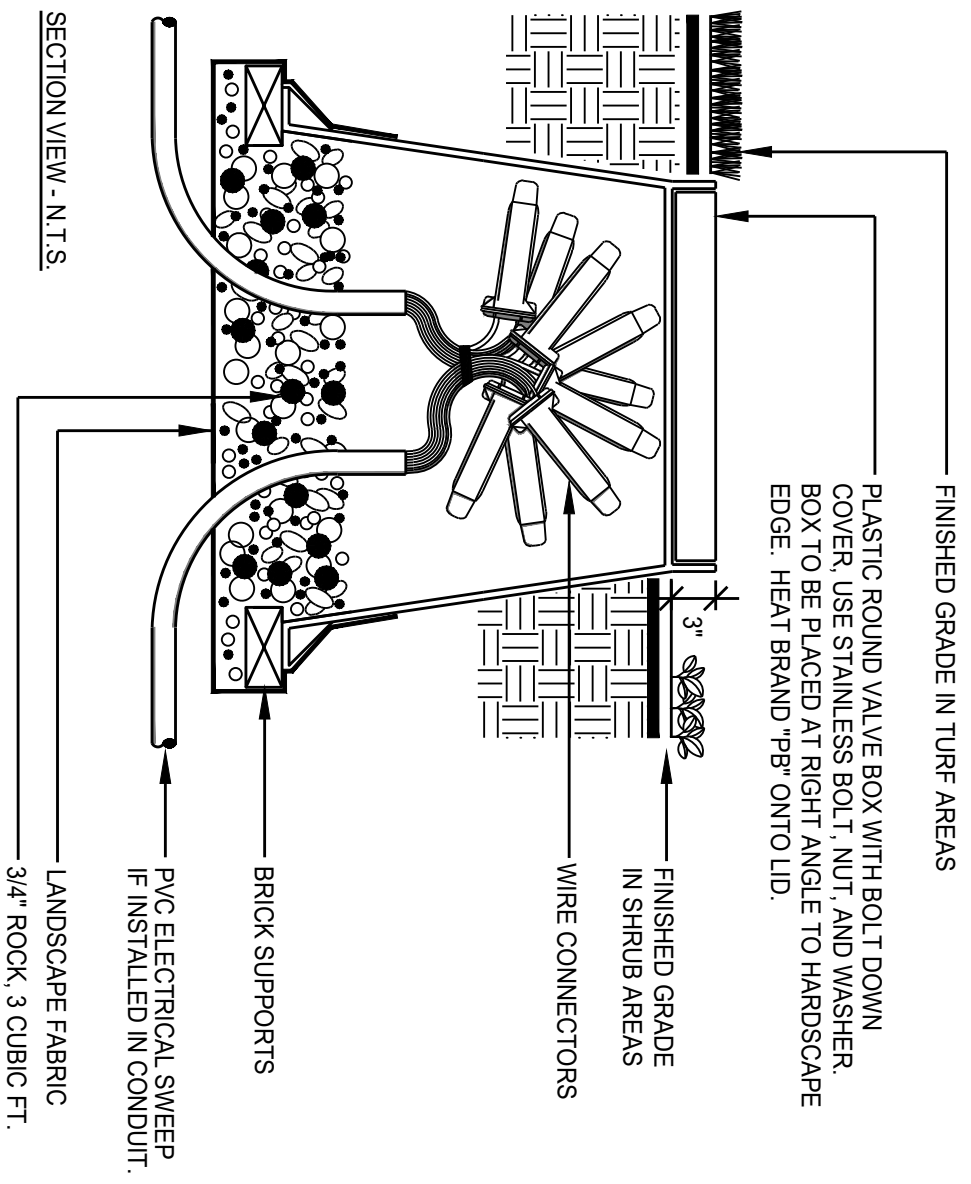
POTABLE SERVICE LINE CROSSING



IRRIGATION CONTROLLER RUN TIMES

POC or Controller	IRRIGATION CONTROLLER RUN TIMES														
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC			
EX.	ET _o / Month (Inches):														
	2.10	2.40	3.40	4.60	5.10	5.30	5.70	5.60	4.30	3.00	2.00	1.00			
	ET _o / Day (Inches):														
	0.07	0.09	0.11	0.15	0.16	0.18	0.18	0.18	0.14	0.10	0.07	0.04			
	Irrigation Days / Week:														
	2	2	3	3	5	5	6	6	5	4	3	2			
Plant / Irrig. Type	AKc	Pr Rate	IE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Low Shrubs	0.20	0.70	0.81	5.0	6.3	5.4	7.6	4.9	5.2	4.5	4.5	4.2	3.0	2.0	1.0
Drip Tubing			2	10.0	12.7	10.8	15.1	9.7	10.5	9.1	8.9	8.5	7.5	6.5	5.5
Low Shrubs	0.20	0.45	0.75	8.4	10.7	9.1	12.7	8.2	8.8	7.6	7.5	7.1	6.5	5.5	4.5
MP Rotators			2	16.9	21.3	18.2	25.4	16.4	17.6	15.3	15.0	14.3	13.0	12.0	11.0
Moderate Trees	0.40	0.70	0.81	10.0	12.7	10.8	15.1	9.7	10.5	9.1	8.9	8.5	7.5	6.5	5.5
Drip Rings			1	10.0	12.7	10.8	15.1	9.7	10.5	9.1	8.9	8.5	7.5	6.5	5.5
	Total Number of Zones: 5														
	Total Controller Run Time in Hours:														
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC			
	0.62	0.78	0.66	0.93	0.60	0.64	0.56	0.55	0.52	0.48	0.45	0.42	0.38	0.35	0.32
Note:	These schedules are intended only for compliance with local municipal codes and the water efficient landscape represent the MAXIMUM REASONABLE run times and are used to ensure that all irrigation may be completely allowed. These schedules do not include rainfall, site soil types, specific exposures (shade versus sun), act position. It is solely the responsibility of the irrigation contractor to program the controller as required to ap water for the landscape. All smart controllers shall be programmed using the specified ET or weather sensi data, soil moisture sensors, and rain shut off devices as required. Contractor shall provide a controller sche to final turnover of the project to the owner.														

J EMITTERS AT VINE PLANTINGS

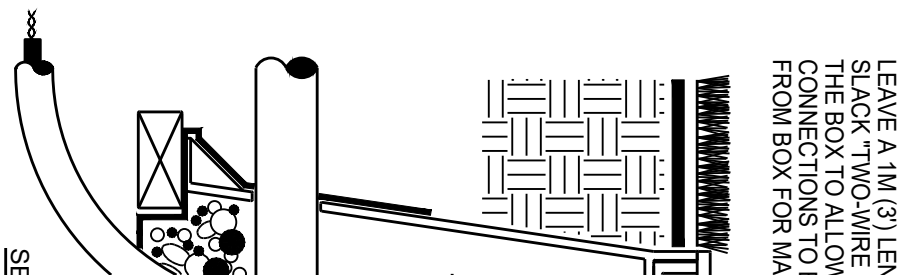


SECTION VIEW - N.T.S.

© Copyright 2019 Sweeney & Associates, Inc.

O SPLICE BOX

K DRI



NOTE:
SEE DRAWINGS AN
SEE LEGEND FOR "
SEE LEGEND FOR C

P DEC

Mail checks to:
Department of Environmental Health
Attn: Recycled Water Program
P.O. BOX 129261
San Diego, CA 92112-9261
(858) 565-5173



FOR OFFICE USE:

Date Received 9/14/2020
Submittal Fee Paid \$765
Project # DEH2020-LRWS-001262

Email: RecycledWater.DEH@sdcounty.ca.gov

County of San Diego
DEPARTMENT OF ENVIRONMENTAL HEALTH
5510 Overland Ave., San Diego, CA 92123

RECYCLED WATER PROJECT REVIEW APPLICATION
(PLEASE READ BOTH PAGES OF THIS APPLICATION PRIOR TO COMPLETION) ALL FIELDS BELOW ARE REQUIRED
THIS IS A FILLABLE FORM Please enter your information in the fields, on screen, and save the file before sending.

A.	<u>Torreyana</u> Project Name	<u>340-010-37-00</u> Assessor's Parcel Number	<u>San Diego</u> Water District
	<u>11010 Torreyana Road, San Diego, CA 92121</u> Site Address (Please include Street, City, State, and ZIP Code)	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Retrofit of an Existing Site
B.	Application Submitted By:		
	<u>Brad Lenahan</u> Contact Person	<u>(619) 325-1990</u> Telephone	
	<u>GroundLevel Landscape Architectue</u> Company Name	<u>blenahan@groundlevels.com</u> Email Address	
	<u>2605 State Street, Suite B, San Diego, CA 92103</u> Mailing Address (Please include Street, City, State, and ZIP Code)	<u>LA 4470</u> Architect/Engineer License Number	
	Note: The Financially Responsible Party is responsible for payment to the County of San Diego. Project invoices will be sent to the Financially Responsible Party at the address listed below.		
	Financially Responsible Party (if different from above or below):		
	<u>Brad Lenahan</u> Contact Person	<u>(619) 325-1990</u> Telephone	
	<u>GroundLevel Landscape Architecture</u> Company Name	<u>blenahan@groundlevels.com</u> Email Address	
	<u>2605 State Street, Suite B, San Diego, CA 92103</u> Mailing Address (Please include Street, City, State, and ZIP Code)		
	<input checked="" type="checkbox"/> I accept the application requirements and project review conditions listed on Page 2 of 2, and I agree to pay all costs associated with Department of Environmental Health staff time and services within 30 days of receiving an invoice.		
	<u>Brad Lenahan</u> Signature (typed name serves as signature when box above is checked)	<u>9/1/2020</u> Date	
C.	Property Owner:		
	<u>Dan Landis</u> Name		
	<u>(858) 485-9840</u> Telephone	<u>dan.landis@biomedrealty.com</u> Email Address	
	<u>17190 Bernardo Center Drive, San Diego, CA 92128</u> Mailing Address (Please include Street, City, State, and ZIP Code)		

If the financially responsible party is the Property Owner, Property Owner must sign section B above.

ATTN: RECYCLED WATER
P.O. BOX 129261
SAN DIEGO, CA 92112-9261
(858) 694-3148
(858) 514-6583 (FAX)
Email: DEHRecycledWater@sdcounty.ca.gov



FOR OFFICE USE:

Date Received 11/12/2020

Submittal Fee Paid \$1,224

Project # DEH2020-LRWS-001262

COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH (DEH)
5510 Overland Ave., San Diego, CA 92123

**RECYCLED WATER SHUTDOWN TEST
AND INSPECTION APPLICATION**

(PLEASE READ BOTH PAGES OF THIS APPLICATION PRIOR TO COMPLETION)

A. Project Name 11010 Torreyana Rd Water Purveyor: City of San Diego

Site Address 11010 Torreyana Rd, San Diego CA 92121 Project number- LRWS 001262

(Please include Street, City, State, and Zip Code)

B. Financial Responsible Party:

Contact Person David Samudio Telephone 858-401-2117 Fax _____

Company Name JB Pacific Inc E-mail Address dauids@jbpac.com

Mailing Address 11633 Sorrento Valley Rd, Suite 103, San Diego, CA 92121

(Please include Street, City, State, and Zip Code)

Initial deposit required 8 hours at \$153.00/hour= **\$1224.00**

Check # 4735 attached

Notes: 1. Financial responsible party is responsible for payment to the County. Invoices will be sent to the applicant at this address.

I accept the application requirements and project review conditions listed on Page 2 of 2 and I agree to pay all costs associated with DEH staff time and services within 30 days of receiving an invoice.

Print Name: David Samudio

Signature: _____

Digitally signed by
David Samudio
Date: 2020.11.12
08:01:38-0800'

Date: 11/12/20



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 06/01/2022

RECORD ID #: DEH2002-HUPFP-111672

TIME START: 1:40 PM END: 4:05 PM

SPECIALIST: Cameron Williams

INSPECTION CONTACT: Homero Carrillo

TITLE: Senior Facilities Manager

PHONE: (858) 775-4891

E-MAIL: hcarrillo@foundationmedicine.com

FACILITY NAME: Foundation Medicine, Inc. - Torreyana
 ADDRESS: 11010 TORREYANA RD
 CITY/ZIP: SAN DIEGO /92121

FACILITY REFERENCE DATA

ACCELA

RECORD STATUS: Pending Inspection
 PERMIT EXPIRATION DATE: 03/31/2019
 BALANCE DUE: \$0.00
 INSPECTOR: Cameron Williams
 INSPECTION TYPE: Initial
 INSPECTION STATUS: Pending Corrective Action

CERS

EPA ID NUMBER: PENDING
 FACILITY CERS ID NUMBER: 10153677
 CERS LEAD USER: Chad Hansen
 LAST CERS SUBMITTAL DATE: 07/09/2021
 ENVIRONMENTAL CONTACT EMAIL: ahawkesworth@foundationmedicine.com
 ENVIRONMENTAL CONTACT PHONE: 857776762

FACILITY INFORMATION

INACTIVATION INSPECTION:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	HAZARDOUS MATERIALS:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
CHANGE OF OWNER:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HAZARDOUS WASTE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CHANGE IN BUSINESS TYPE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ABOVEGROUND PETROLEUM STORAGE ACT*:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BUSINESS TYPE: <u>Biomedical/Biotech-Not Large Manufacturer</u>	TOTAL SHELL CAPACITY APSA:			<u>2149</u>	
ISSUE INITIAL INVOICE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	UNDERGROUND STORAGE TANK:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS NON-NOTIFICATION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CALARP PROGRAM (CERS):	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS RE-INSPECTION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CALARP PROGRAM LEVEL:	<input type="checkbox"/> 1	<input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> N/A
FACILITY SUBJECT TO BASE FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MEDICAL WASTE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FACILITY SUBJECT TO CUPA FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MW FACILITY GENERATING OVER 200 LBS PER MONTH:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UPDATE FACILITY ADDRESS IN AA:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EPIC PARTICIPANT:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS CLOSE DATE:	NUMBER OF TLV GASES AT THE FACILITY:			<u>0</u>	

HW GENERATOR STATUS : LOG SQG CESQG RCRA LOG N/A

TIERED PERMIT LEVEL(S) : CESQT CESW CE-L CE-CL HHW PBR CA N/A

PRIMARY BILLING CODE: Base + CUPA

SECONDARY BILLING CODE: Not Applicable

INSPECTION SCOPE:*

HAZARDOUS MATERIALS: HMBP APSA UST

HAZARDOUS WASTE: SQG LOG

MEDICAL WASTE: SQG SQG - TREATS

CALARP: 1 2 3

TIERED PERMITTING: CESQT CESW CE-L CE-CL

LOG LOG - ABBREVIATED LOG - TREATS

CA PBR HHW

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT NAME: Homero Carrillo TITLE: Senior Facilities Manager

REMOVE BLANK CHECKLISTS FROM FINAL INSPECTION REPORT SIGNATURE NOT OBTAINED

TIME ACCOUNTING (Initial)

TOTAL TIME ENTERED: 5.5

Date	Time	Group	Type
06/01/2022	2.5	HMD Inspection	Report Writing - Record
06/01/2022	0.5	HMD Inspection	Travel Time - Record
06/01/2022	0.7	HMD Inspection	HM/HW - Record
06/01/2022	0.8	HMD Inspection	MW SQG - Record
06/01/2022	1	HMD Inspection	APSA Level 1 - Record



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

FACILITY NAME: Foundation Medicine, Inc. - Torreyana
 ADDRESS: 11010 TORREYANA RD
 CITY/ZIP: SAN DIEGO /92121

INSPECTION DATE: 06/01/2022
 RECORD ID #: DEH2002-HUPFP-111672
 TIME START: 1:40 PM END: 4:05 PM
 SPECIALIST: Cameron Williams
 INSPECTION CONTACT: Homero Carrillo
 TITLE: Senior Facilities Manager
 PHONE: (858) 775-4891
 E-MAIL: hcarrillo@foundationmedicine.com

INSPECTION REPORT EMAILS:

Cameron.Williams@sdcounty.ca.gov

RECORD COMMENT:

Initial Inspection conducted 06/01/2022.

[Large empty area for inspection details and findings]



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 06/01/2022	PAGE 1 OF 12
RECORD ID #: DEH2002-HUPFP-111672	
TIME START: 1:40 PM	END: 4:05 PM
SPECIALIST: Cameron Williams	
INSPECTION CONTACT: Homero Carrillo	
TITLE: Senior Facilities Manager	
PHONE: (858) 775-4891	
E-MAIL: hcarrillo@foundationmedicine.com	

FACILITY NAME: Foundation Medicine, Inc. - Torreyana
 ADDRESS: 11010 TORREYANA RD
 CITY/ZIP: SAN DIEGO /92121

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). **This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6.** This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

- | | | | |
|---|---|--|---|
| <input type="checkbox"/> Unified Program Facility Permit Current | <input checked="" type="checkbox"/> Contingency Plan Available | <input type="checkbox"/> LQG | <input checked="" type="checkbox"/> SQG |
| <input checked="" type="checkbox"/> Hazardous Materials Business Plan Available | <input checked="" type="checkbox"/> Employee Training Records Available | | |
| <input checked="" type="checkbox"/> Employee Training is Adequate | <input checked="" type="checkbox"/> Universal Waste Managed Properly | | |
| <input checked="" type="checkbox"/> Waste Disposal Records Available for Review | <input checked="" type="checkbox"/> Waste Containers | <input checked="" type="checkbox"/> Closed | <input checked="" type="checkbox"/> Labeled |
| <input type="checkbox"/> Emergency Contacts Current | <input type="checkbox"/> Updated today | <input checked="" type="checkbox"/> Waste Containers in Good Condition | |
| <input checked="" type="checkbox"/> Chemical Inventory/Map Current | <input type="checkbox"/> Updated today | Permit Expires On _____ | |

CONSENT TO CONDUCT INSPECTION GRANTED BY: Homero Carrillo TITLE: Senior Facilities Manager

INTRODUCTION:

On 06/01/2022, I conducted a Certified Unified Program Agency (CUPA) routine inspection of Foundation Medicine, Inc. to verify compliance with Hazardous Materials Business Plan (HMBP), Hazardous Waste, Medical Waste, and Aboveground Petroleum Storage Act (APSA) requirements. The inspection was conducted with facility representative, Homero Carrillo, Senior Facilities Manager. Consent to conduct the inspection was granted by Homero Carrillo.

This business conducts Research and Development. Per Homero Carrillo, the business will conduct processes for diagnostic kits for cancer in the future.

This facility is subject to Hazardous Materials Business Plan (HMBP) requirements for storing hazardous materials/hazardous waste in reportable quantities (55 gallons, 500 pounds, 200 cubic feet), hazardous waste, medical waste, and APSA requirements.

At the time of inspection, based on records reviewed and statements made by Homero Carrillo, the facility appears to be a small quantity generator of hazardous waste and a small quantity generator of medical waste.

VIOLATION # 1

1010006 Failed to update HMBP in CERS within 30 days of a substantial change to any portion of the HMBP, including inventory changes or facility information. HSC 25508.1(a-f); 19 CCR 2654(d); SDCC 68.904(c)(6)

Classification: Minor

Observations:

I observed 5 x 55 gallon drums of contaminated solid lab debris waste on-site. 1 x 55 gallon drum of the contaminated lab debris waste was in one of the laboratories, the other 4 x gallon drums were in the consolidated waste area. Per Homero Carrillo and based on the hazardous waste manifests, this facility regularly generates and has at least 5 x 55 gallon drums of solid lab debris waste on-site.

Within 30 days of any significant increase in any hazardous material/hazardous waste (more than 100% increase), submit the up-to-date information in the inventory element in CERS.

Corrective Action Due By: 07/01/2022

This violation must be corrected online by logging into the California Environmental Reporting System (CERS) and editing/



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 06/01/2022 PAGE 2 OF 12
RECORD ID #: DEH2002-HUPFP-111672

submitting an up-to date hazardous materials inventory section.

If guidance is needed with your inventory in CERS, visit our CERS Information webpage or call our CERS help line at (858) 505-6990 for one-on-one guidance.

Within 30 days, provide documentation of corrective action to me via e-mail at cameron.williams@sdcounty.ca.gov. You may use the corrective action form located at the end of this report.

VIOLATION # 2

4020001 Failed to train oil-handling personnel on: operation/maintenance of equipment to prevent discharges; discharge procedure protocols; applicable laws, rules, and regulations; general facility operations; and the contents of the SPCC Plan. (40 CFR 112.7(f)(1).) HSC 25270.4.5(a)

Classification: Class II

Observations:

Failure to provide training or documentation of the training regarding: the operation and maintenance of equipment to prevent discharges; discharge procedure protocols; applicable pollution control laws, rules, and regulations; general facility operations; and the contents of the SPCC Plan.

Corrective Action Due By:07/01/2022

Within 30 days implement a training plan with the above required elements and provide documentation of the training of applicable personnel.

Within 30 days, provide documentation of corrective action to me via e-mail at cameron.williams@sdcounty.ca.gov. You may use the corrective action form located at the end of this report.

VIOLATION # 3

HMD5104 Failed to submit, and keep up to date, the APSA program element in CERS. SDCC 68.904; 27 CCR 15188(a),(b), (c),&(f)

Classification: Minor

Observations:

The information in the Aboveground Petroleum Storage Act (APSA) element in CERS is not consistent with the APSA information in the Spill Prevention Control and Countermeasure (SPCC) Plan. The date of the 5-year review of the SPCC Plan in CERS is reported as 07/08/2021, the provided SPCC plan was written in August 2021. The total aboveground capacity storage of petroleum reported in CERS is 1788gallon and the total capacity reported on the SPCC Plan, and verified during the inspection, is 2149 gallons.

Corrective Action Due By:07/01/2022

Correct and re-submit the APSA element in CERS and keep the APSA information up-to-date and accurate.

Within 30 days, provide documentation of corrective action to me via e-mail at cameron.williams@sdcounty.ca.gov. You may use the corrective action form located at the end of this report.

INSPECTION REMARKS:

Action Items:

The initial invoice will be generated after the inspection and mailed to the billing address listed in CERS. Please pay the Unified Program Facility Permit (UPFP) fees within 10 days of receiving the invoice.

The Tier 1 Spill Prevention, Control and Countermeasure (SPCC) Plan was signed and certified by Management during the inspection by Homero Carrillo, Senior Facilities Manager.

Per Homero Carrillo, the primary emergency contact, Serena Hill, has not worked at the facility for 2 weeks. Please update the



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 06/01/2022 PAGE 3 OF 12
RECORD ID #: DEH2002-HUPFP-111672

emergency contact in the California Environmental Reporting System (CERS) within 30 days of a change.

HMBP:

The facility's HMBP, including the Facility Information, Hazardous Materials Inventory, and Emergency Response/Training Plans, was last certified in CERS on 07/26/2021. Ensure HMBP certifications are submitted in CERS annually and include the Facility Information, Hazardous Materials Inventory, and Emergency Response/Training Plans.

Per Homero Carrillo, HMBP employee training records includes initial and annual training on evacuation, emergency response, and chemical safety/HAZCOM. Records of the trainings were available for the last year, this facility has been at this location for about 1 year.

Hazardous Waste:

Per DTSC's Hazardous Waste Tracking System, the facility's EPA ID, CAL000464299, is active.

Hazardous waste manifests, including TSDf signed copies and land disposal restriction notifications, for the last year were available and reviewed.

The contingency plan was available and reviewed.

Per Homero Carrillo, this facility has not had any universal waste disposals yet. Ensure universal waste is properly disposed of within one year of the accumulation start date.

APSA:

Per CERS, this facility's Spill Prevention Control and Countermeasure (SPCC) Plan is dated 07/08/2021. A draft of the SPCC plan from August 2021 signed by Homero Carrillo during the inspection was available and reviewed. Ensure the SPCC plan is reviewed at least every 5 years and technical amendments are made within six months of the change.

The total aboveground storage petroleum capacity subject to APSA reported in CERS is 1788 gallons. The total aboveground storage petroleum capacity specified in the SPCC Plan and observed on-site was 2149 gallon. Ensure the accurate capacity is reported in CERS.

There are three emergency generator aboveground storage tanks storing diesel fuel: Generator 500 has an 894 gallon capacity double-walled diesel fuel AST for an emergency generator system; Generator 350 has a 700 gallon capacity double-walled diesel fuel AST for an emergency generator system; and Generator 200 has a 555 gallon capacity double-walled diesel fuel AST for an emergency generator system.

Facility appears to have appropriate containment and/or diversionary structures or equipment.

The third party Global Power conducts and documents monthly inspections of generator diesel fuel aboveground storage tanks. Monthly inspection records are retained and were available and reviewed for the past year. The SPCC Plan states the facility does monthly inspections; the monthly inspection checklist was printed from the SPCC Plan and an inspection was conducted during the inspection by Homero Carrillo.

I did not observe any petroleum spills/leaks in secondary containment.

Medical Waste:

This facility is currently a small quantity generator of medical waste, generating less than 200 pounds of medical waste per month.

Per Homero Carrillo, this facility does not treat any waste and does not need a Medical Waste Management Plan (MWMP). In



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

the future if the facility is a large quantity generator of medical waste or treats medical waste then a MWMP will be needed.

Medical waste tracking documents for the last year were available and reviewed. Medical wastes are picked up by Veolia Environmental Services monthly.

The designated medical waste accumulation area was properly secured and marked appropriately in 2 languages and with a Biohazard symbol.

The facility generates the following medical wastes: sharps waste, biohazardous liquid waste, and red bag waste.

I observed biohazardous red bags labeled with the generator's name, address and phone number. Other medical waste containers were properly labeled with the facility's name, address, and phone number.

The final report was provided to Homero Carrillo after the inspection. The report was not signed due to current Public Health Orders and COVID-19 restrictions.

Helpful Websites:

- For guidance documents on hazardous materials-related topics, go to: https://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS), go to: https://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations, go to: <https://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails: <https://public.govdelivery.com/accounts/CASAND/subscriber/new>

If you have any questions regarding this inspection, please contact Cameron Williams, 619-380-7690, Cameron.Williams@sdcounty.ca.gov

INSPECTION PHOTOS

None

INSPECTION ATTACHMENTS

Document Name	Document Description
1	

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: https://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE N/A	SIGNATURE	Signature Not Obtained	DATE SIGNED
TITLE OF FACILITY REPRESENTATIVE N/A			

Department of Environmental Health and Quality, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (858) 505-6880 <http://www.sdcdehq.org>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT Handlers of Hazardous Materials and Small and Large Quantity Generators of Hazardous Waste

INSPECTION DATE: 06/01/2022 PAGE 5 OF 12
RECORD ID #: DEH2002-HUPFP-111672

FACILITY NAME: * Foundation Medicine, Inc. - Torreyana

ADDRESS: * 11010 TORREYANA RD

CITY/ZIP: * SAN DIEGO

92121

Each violation checked below is for the section(s) of the California Health and Safety Code (HSC), California Code of Regulations (CCR), or the San Diego County Code (SDCC) indicated in italics. Incorporated provisions of Title 40 of the Code of Federal regulations (CFR) are noted for reference. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. HMBP = Hazardous Materials Business Plan; CUPA = Certified Unified Program Agency; CERS = California Environmental Reporting System; SQG = Small Quantity Hazardous Waste Generator; LQG = Large Quantity Hazardous Waste Generator

HAZARDOUS MATERIALS REQUIREMENTS

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> 1010001	Failed to establish and implement a HMBP. HSC 25505(a) and 25507(a)
<input type="checkbox"/> 1010002	HMBP not submitted in CERS within the required timeframe. HSC 25508(a)(1); 27 CCR 15188(a),(b),(d)
<input type="checkbox"/> 1010003	Business activities &/or Business Owner/Operator page not complete or accurate in CERS. 19 CCR 2652(a)(1); SDCC 68.904(b); HSC 25508(a)(1), 25508(a)(3)
<input type="checkbox"/> 1010004	Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508.1(a-b); 19 CCR 2654 (a) or (d)
<input type="checkbox"/> 1010005	Site map not submitted in CERS or not sufficient. HSC 25505(a)(2); 25508.1(f); 19 CCR 2652(a)(3)
1 <input checked="" type="checkbox"/> 1010006	Failed to update HMBP in CERS within 30 days of a substantial change to any portion of the HMBP, including inventory changes or facility information. HSC 25508.1(a-f); 19 CCR 2654(d); SDCC 68.904(c)(6)
<input type="checkbox"/> 1010008	HMBP not certified as complete and accurate in CERS by the required due date. HSC 25508.2, 19 CCR 2654(b)
<input type="checkbox"/> 1010010	Emergency response plan and procedures to mitigate a release or threatened release not adequate, not established or not submitted in CERS. HSC 25505(a)(3), 25508(a)(1), 25508(a)(3); 19 CCR 2658
<input type="checkbox"/> 1010011	Failure to notify property owner in writing that the business is subject to the HMBP program. HSC 25505.1
<input type="checkbox"/> 1010012	Failure to provide a copy of HMBP to the property owner within five working days upon request from property owner. HSC 25505.1
<input type="checkbox"/> 1010014	Failure to submit emergency response plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1); 19 CCR 2670, 2671
<input type="checkbox"/> 1010015	Failure to submit employee training plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)
<input type="checkbox"/> 1010016	HMBP not established or submitted in CERS, when not meeting the remote site exemption. HSC 25507.2 and 25508(a)(1)
<input type="checkbox"/> 1020001	Employee training and/or plan for safety procedures in the event of a release or threatened release of a hazardous material not adequate, not established or not submitted in CERS. HSC 25505(a)(4), 25508(a)(1), 25508(a)(3); 19 CCR 2659(a)
<input type="checkbox"/> 1030001	(AWM) Failure of agricultural handler to post warning signs on buildings where pesticides, petroleum, or fertilizers are stored, that are visible from any direction of probable approach, contain all required information, and are in appropriate language. HSC 6.95 25507.1(a)(2); 19 CCR 2670, 2671
<input type="checkbox"/> 1020002	Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)
<input type="checkbox"/> 1040001	Hazardous materials release or threatened release not immediately reported to the CUPA and OES upon discovery. HSC 25510(a); 19 CCR 2631(a)
<input type="checkbox"/> HMD1001	Unified Program Facility permit not obtained for hazardous materials. SDCC 68.904; 68.905; 68.906, 68.907; 68.907.1
<input type="checkbox"/> HMD1005	Emergency contact not provided or current in CERS. HSC 25508.1(f); SDCC 68.904(b)
<input type="checkbox"/> HMD1007	Highly toxic gas (TLV<10 ppm) not disclosed in CERS. SDCC 68.1113(a)
<input type="checkbox"/> 1010017	HMBP not readily available to facility personnel or the CUPA. HSC 25505(c)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS ONLY

#	<u>VIOLATION DESCRIPTION</u>
<input type="checkbox"/> HMD0226	Did not accumulate waste in a container or tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2)
<input type="checkbox"/> 3030007	Failed to properly label/date hazardous waste container &/or tank. 22 CCR 66262.34(f)
<input type="checkbox"/> 3030010	Failed to properly dispose of hazardous waste within 180 days (or 270 days if waste is transported over 200 miles). 22 CCR 66262.34(d); HSC 6.5 25123.3(h)(1)
<input type="checkbox"/> 3030013	Failed to accumulate hazardous waste in a container that is in good condition. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.171
<input type="checkbox"/> 3030015	Failed to accumulate or store hazardous waste in a lined &/or compatible container. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.172
<input type="checkbox"/> 3030017	Failed to properly close hazardous waste container(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.173
<input type="checkbox"/> 3030019	Failed to inspect hazardous waste storage area at least weekly. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.174
<input type="checkbox"/> 3030022	Failed to properly separate incompatible waste. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.177
<input type="checkbox"/> 3030030	Failed to maintain &/or operate facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.31
<input type="checkbox"/> 3030036	Failed to maintain adequate aisle space. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.35
<input type="checkbox"/> 3010022	Failed to post, next to the telephone, emergency information containing the location of emergency equipment, contact names and phone numbers. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(ii)
<input type="checkbox"/> 3020001	Failure to ensure employees are thoroughly familiar with proper waste handling and emergency procedures during normal facility operations and emergencies. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iii)
<input type="checkbox"/> 3030032	Failed to maintain the following emergency response equipment or equivalent: 1) An internal communication or alarm system; 2) A communication device, such as a telephone; 3) Portable fire extinguishers, fire/spill control equipment and decontamination equipment; and 4) Water at adequate volume and pressure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.32
<input type="checkbox"/> 3030039	Failed to have an emergency coordinator on the premises or on call, and available during an emergency. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(i)
<input type="checkbox"/> HMD0412	Failed to implement and/or coordinate emergency response measures during an emergency, spill/release. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iv)
<input type="checkbox"/> 3010030	Failed to submit an Exception Report to DTSC for hazardous waste manifest. HSC 25123.3(h)(2); 22 CCR 66262.42(a), (c-d)

HAZARDOUS WASTE TANK SYSTEMS FOR SQGS ONLY

#	<u>VIOLATION DESCRIPTION</u>
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COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 06/01/2022 PAGE 6 OF 12
 RECORD ID #: DEH2002-HUPFP-111672

Hazardous Materials and Hazardous Waste (continued)

- 3030024 Failed to operate uncovered tank to ensure at least 2 ft. of freeboard to prevent overtopping, unless the tank is equipped with a containment structure, a drainage control system, or a diversion structure with a capacity that equals or exceeds the volume of the top 2 ft. of the tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(c)
- 3030025 Failed to provide an overflow protection device on continuously fed hazardous waste tank(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(4)
- 3030027 Failed to conduct daily tank inspection of discharge control system, monitoring equipment and waste level. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(1-3), 262.34(d)(3)
- 3030028 Failed to conduct weekly hazardous waste tank inspection(s) to detect signs of leakage and ensure that the construction materials, fixtures and surrounding areas of the tank are in good condition. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(4 & 5), 262.34(d)(3)
- 3050007 Failed to properly remove all waste upon closure, decontaminate, and document the closure of a hazardous waste tank system. 22 CCR 67383.3; 40 CFR 262.34(d)(3), 265.201(f)
- HMD1612 Hazardous waste improperly stored in a tank system causing leaks, corrosion, or failure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)
- HMD1614 Failed to pre-notify the CUPA in writing prior to closing a hazardous waste tank system. 22 CCR 67383.3(a)(1)
- HMD1615 Failed to properly accumulate ignitable or reactive waste in a tank system. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(g)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS AND LOGS

RECORD KEEPING/OPERATIONAL REQUIREMENTS

- | # | <u>VIOLATION DESCRIPTION</u> |
|--------------------------|--|
| <input type="checkbox"/> | HMD0131 Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. SDCC 68.904; 68.905; 68.907.1 |
| <input type="checkbox"/> | HMD0150 Failed to submit complete and accurate Facility Information in CERS. 27 CCR 15188(b-c); SDCC 68.904(b) |
| <input type="checkbox"/> | 3030053 Failed to maintain waste analysis records, analytical records &/or waste determination results for at least 3 years. 22 CCR 66262.40(c) |
| <input type="checkbox"/> | 3010002 Failed to obtain &/or maintain an active EPA ID Number. 22 CCR 66262.12(a) |
| <input type="checkbox"/> | 3010008 Failed to properly complete a uniform hazardous waste manifest. 22 CCR 66262.23(a) |
| <input type="checkbox"/> | 3010009 Failed to submit an Exception Report to DTSC for hazardous waste manifest. HSC 25123.3(h)(2); 22 CCR 66262.42(b), (c), &/or (d) |
| <input type="checkbox"/> | 3010010 Failed to maintain copies of Uniform Hazardous Waste Manifest, consolidated manifest, or Bills of Lading for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a), 66262.23(a)(3) |
| <input type="checkbox"/> | 3010011 Failed to send a copy of the uniform hazardous waste manifest that originated in paper form to DTSC within 30 days of shipment. 22 CCR 66262.23(a)(4); HSC 25160(b)(1)(c) |
| <input type="checkbox"/> | 3010013 Failed to meet the consolidated manifesting requirements for waste shipment. HSC 25160.2(b)(3) &/or (c) |
| <input type="checkbox"/> | 3010014 Failed to retain at the generator's place of business disposal records of spent lead-acid batteries for at least 3 years. 22 CCR 66266.81(a)(4)(A) &/or (B) |
| <input type="checkbox"/> | 3030006 Failed to determine if a hazardous waste is restricted or prohibited from land disposal and has to be treated. 22 CCR 66268.7(a)(1) |
| <input type="checkbox"/> | 3010016 Failure of recycler who recycles more than 100 kilograms per month of a recyclable material to submit the biennial Recyclable Materials Report (RMR) in CERS when claiming exclusion or exemption. HSC 25143.10(a), (c) &/or (d) |
| <input type="checkbox"/> | HMD0149 Failed to keep disposal receipts for drained used oil filters and/or drained fuel filters for 3 years. HSC 25250.22; 22 CCR 66266.130(c)(5) |
| <input type="checkbox"/> | HMD0152 Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2) |
| <input type="checkbox"/> | HMD0140 Failed to have Land Disposal Restriction documentation onsite for 3 years. 22 CCR 66268.7(a)(8) |
| <input type="checkbox"/> | 3250005 Failed to obtain a Treatment, Storage and Disposal Facility (TSDF) permit or authorization to store/treat/dispose of hazardous waste. HSC 25201(a) |
| <input type="checkbox"/> | 3050005 Failed to properly manage a recyclable material. HSC 25143.2, 25143.9 |
| <input type="checkbox"/> | HMD0142 Failed to notify the CUPA in CERS for onsite hazardous waste treatment/tiered permitting. HSC 25201(a) |
| <input type="checkbox"/> | HMD0138 Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a); HSC 25185(a)(4) |
| <input type="checkbox"/> | 3010035 Failure to annually submit notification of generator's intent to remotely consolidate hazardous waste. HSC 25110.10(d) |
| <input type="checkbox"/> | 3010037 Failure to notify the CUPA of aerosol can processing procedures prior to commencement of operations. HSC 25201.16(j) |

DISPOSAL AND TRANSPORTATION

- | # | <u>VIOLATION DESCRIPTION</u> |
|--------------------------|---|
| <input type="checkbox"/> | 3010007 Failed to prepare a hazardous waste manifest for the transport of a waste for off-site transfer, treatment, storage, or disposal. HSC 25160(b)(1) or (2), 25160.2(b)(9); 22 CCR 66262.20(a) |
| <input type="checkbox"/> | 3030005 Failed to make a proper waste determination. 22 CCR 66262.11, 66262.40(c) |
| <input type="checkbox"/> | 3050001 Failed to use a DTSC registered hazardous waste transporter to transport hazardous waste. HSC 25163(a) |
| <input type="checkbox"/> | 3050002 Failed to properly dispose of hazardous waste at an authorized facility. HSC 25189.5(a) |
| <input type="checkbox"/> | HMD0308 Impermissible dilution of hazardous waste. 22 CCR 66268.3(a) |
| <input type="checkbox"/> | HMD0305 Disposed of used oil illegally. HSC 25250.5(a), 25189.5(a) |
| <input type="checkbox"/> | HMD0306 Failed to properly dispose of oil-based paint &/or hazardous waste latex paint liquid. HSC 25217.1, 25189.5(a) |

STORAGE AND HANDLING

- | # | <u>VIOLATION DESCRIPTION</u> |
|--------------------------|---|
| <input type="checkbox"/> | 3030001 Failed to meet the management requirements when handling or storing spent lead-acid batteries. 22 CCR 66266.81(a) |
| <input type="checkbox"/> | 3030003 Failed to properly manage 'damaged' spent lead acid batteries so as to minimize the release of acid and lead and to protect the handlers and the environment 22 CCR 66266.81(b) |
| <input type="checkbox"/> | 3030012 (RCRA LQG) Failed to properly dispose of hazardous waste within 90 days. 22 CCR 66262.34(a), (c); HSC 6.5 25123.3(b)(1) |
| <input type="checkbox"/> | 3030004 Failure to properly manage used oil filters and/or fuel filters in accordance with the requirements. HSC 25250.22; 22 CCR 66266.130 |
| <input type="checkbox"/> | 3050004 Failure to prevent intentional contamination of used oil with other hazardous waste other than minimal amounts of vehicle fuel. HSC 25250.7(a) |
| <input type="checkbox"/> | HMD0222 Failed to properly label Excluded Recyclable Materials (ERM) accumulated in a container or tank. HSC 25143.9(a) |
| <input type="checkbox"/> | HMD0216 Failed to label hazardous material container within 10 days after the container was discovered to be mislabeled or inadequately labeled. HSC 25124(b)(3)(A); 22 CCR 66262.34(f) |
| <input type="checkbox"/> | HMD0217 Failed to repackage and properly label damaged/deteriorated hazardous material container within 96 hours. HSC 25124(b)(3)(B); 22 CCR 66262.34(f) |
| <input type="checkbox"/> | HMD0219 Failed to properly segregate used oil &/or fuel drained from filters. HSC 25250.22(b)(4); 22 CCR 66266.130(c)(6) |



COUNTY OF SAN DIEGO

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Hazardous Materials and Hazardous Waste (continued)

- 3030057 Failed to comply with hazardous waste satellite container regulation. 22 CCR 66262.34(e)
- 3030058 Failed to mark date on empty container larger than 5 gallons &/or properly manage it within one year. 22 CCR 66261.7
- 3030060 Failure of the owner or operator managing laboratory hazardous waste in a laboratory accumulation area to comply with the accumulation, storage, management, training, and/or record-keeping requirements. HSC 25200.3.1(b) and/or (c)

UNIVERSAL WASTE HANDLER REQUIREMENTS

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> 3010004 | Failed to obtain a California ID Number from DTSC or federal ID Number from USEPA prior to accumulating 5,000 kgs or more of Universal Waste. 22 CCR 66273.32(a-b) |
| <input type="checkbox"/> HMD0151 | Failed to maintain universal waste handler training records for 3 years. 22 CCR 66273.36(c),(d) |
| <input type="checkbox"/> 3020003 | Failed to properly train handlers of universal waste in universal waste management and response procedures. 22 CCR 66273.36(a),(b) |
| <input type="checkbox"/> 3030008 | Failed to properly label or mark Universal Waste container, package, or pallet (excluding CESQUWG) 22 CCR 66273.34 |
| <input type="checkbox"/> 3030011 | Failed to properly dispose of Universal Waste within one year. 22 CCR 66273.35(a) &/or (b) |
| <input type="checkbox"/> HMD0147 | Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2) |
| <input type="checkbox"/> 3030051 | Failed to meet accumulation, labeling, marking, &/or containment standards for Universal Waste aerosol containers. HSC 25201.16(f) |
| <input type="checkbox"/> 3040004 | Failed to manage universal waste in a manner to prevent release(s) to the environment. 22 CCR 66273.33; 66273.33.5, 66273.33.6 |
| <input type="checkbox"/> HMD0307 | Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a); 22 CCR 66273.31(a), 66273.8(b) |
| <input type="checkbox"/> 3010005 | Failure of a universal handler of PV modules, electronic devices, and/or CRTs from an offsite source to notify DTSC 30 days prior to acceptance. 22 CCR 66273.32(c), (e) |
| <input type="checkbox"/> 3010020 | Failure of a universal waste handler to submit an annual report that includes all required information to DTSC by February 1 of every year. 22 CCR 66273.32(d), (f) |
| <input type="checkbox"/> 3010006 | Failure of the universal waste handler who sends electronic devices or CRTs to any foreign destination to notify DTSC 60 days prior to export and send a copy to the CUPA. 22 CCR 66273.40(a)(2),(3) |
| <input type="checkbox"/> 3110030 | Failed to notify the CUPA of aerosol processing procedures prior to commencement of operations. HSC 25201.16(j) |

CERTIFIED APPLIANCE RECYCLER REQUIREMENTS

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> 3010033 | Failure to obtain Certified Appliance Recycler certification (CAR) from DTSC. HSC 25211.4 |
| <input type="checkbox"/> 3010034 | Failure of certified appliance recycler (CAR) to provide documentation that all materials that require special handling (MRSH) have been properly removed and managed. HSC 25211.2, 25211.3 |
| <input type="checkbox"/> 3030055 | Failure of certified appliance recycler (CAR) to properly remove and dispose of all materials that require special handling (MRSH). HSC 25212 |

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Aboveground Petroleum Storage Act (APSA) Program

Each violation checked below is for the section(s) of the California Health and Safety Code (HSC), California Code of Regulations (CCR), or San Diego County Code ("SDCC") indicated in *italics*. Incorporated provisions of Title 40 of the Code of Federal Regulations (CFR) are noted for reference. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use a DEH Corrective Action Form (HM-926) or other correspondence to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions.

GENERAL APSA FACILITY REQUIREMENT

(CHAPTER 6.67 OF DIVISION 20 OF THE HSC & SDCC)

#	VIOLATION DESCRIPTION
<input type="checkbox"/> 4010001	Failed to prepare a Spill Prevention, Control, and Countermeasures (SPCC) Plan. HSC 25270.4.5(a), 40 CFR 112.3, 112.6
<input type="checkbox"/> 4030038	Failed to implement the SPCC Plan. HSC 25270.4.5(a), 40 CFR 112.3, 112.6
<input type="checkbox"/> 4010032	Failed to submit a tank facility statement or update/certify Business Plan annually. HSC 25270.6(a)(1) or (a)(2)
<input type="checkbox"/> 4010033	Failed to pay the APSA program fee or obtain Unified Program Facility Permit. HSC 25270.6(b), SDCC 68.904; 68.905; 68.907.1
<input type="checkbox"/> 4040001	Failed to immediately, upon discovery, report a one-barrel (42 gallons) or greater release of petroleum to Cal OES and the CUPA. HSC 25270.8
<input type="checkbox"/> 4010037	Failed to meet conditions of APSA exemption for oil-filled electrical equipment including containment and visual inspection. HSC 25270.2(a)(4), 25270.4.5(a)
<input type="checkbox"/> 4030043	Failed to have secondary containment and leak detection if piping connected to tank in an underground area (TIUGA) cannot be directly viewed on all sides. (Refer to HSC 6.67 for direct viewing; DOES NOT apply to: 1. Piping connected to a tank that contains new oil/used oil for lubricant or coolant in a motor engine or transmission, or oil-filled operational/manufacturing equipment. 2. Piping connected to a tank used solely in connection with a fire pump or emergency system, legally required by standby system, or optional standby system. 3. Piping connected to a petroleum hazardous waste tank that complies with hazardous waste tank standards (22 CCR Ch. 15, Art. 10) and facility has been issued a unified program facility permit pursuant to HSC 25404.2 for generation, treatment, accumulation, or storage of hazardous waste.) (24CCR Title 9 Section 5703.6.2.2.) HSC 25270.4.5(a), HSC 25270.2(o)(1)(C)(iv)
<input type="checkbox"/> 4030044	Failure of an owner/operator of an excluded tank in an underground area (TIUGA) with less than 55-gallon capacity to have secondary containment, conduct monthly inspections, and/or maintain a log of inspections. HSC 6.67 25270.2(a)(8)
3 <input checked="" type="checkbox"/> HMD5104	Failed to submit, and keep up to date, the APSA program element in CERS. SDCC 68.904; 27 CCR 15188(a),(b),(c),&(f)

REQUIREMENTS BASED ON 40 CFR 112.1-112.6

#	VIOLATION DESCRIPTION
<input type="checkbox"/> 4010035	Failed to prepare an appropriate SPCC Plan within 6 months when the facility no longer meets the qualified facility criteria. 40 CFR 112.6(a)(2), 112.6(b)(2)(ii); HSC 6.67 25270.4.5(a)
<input type="checkbox"/> 4010047	(Qualified Facility only- Tier I or II) Failed to have management, or a Professional Engineer if applicable, certify the SPCC Plan and comply with the certification requirements. (40 CFR 112.6(a)(1), 112.6(b).) HSC 25270.4.5(a)
<input type="checkbox"/> 4010048	(Qualified Facility only- Tier I) Failed to certify the SPCC Plan according to 40 CFR 112.6(a)(1) if a technical change has been made to the facility design, construction, operation, or maintenance. (40 CFR 112.6(a)(2).) HSC 25270.4.5(a)
<input type="checkbox"/> 4010052	(Qualified Facility only- Tier II) Failed to have technical amendment(s) certified by management, or a Professional Engineer if applicable. (40 CFR 112.6(b)(2), 112.6(b)(2)(i).) HSC 25270.4.5(a)
<input type="checkbox"/> 4010054	(Qualified Facility only- Tier I) Failed to include in the SPCC Plan a prediction of direction and total quantity of oil potentially discharged from the facility as a result of each type of major equipment failure. (40 CFR 112.6(a)(3)(i).) HSC 25270.4.5(a)
<input type="checkbox"/> 4030041	(Qualified Facility only- Tier I) Failed to provide bulk storage containers/tanks with adequate sized secondary containment to contain the capacity of the largest container plus freeboard for precipitation; failed to position/locate mobile or portable containers to prevent a discharge. (40 CFR 112.6(a)(3)(ii).) HSC 25270.4.5(a)
<input type="checkbox"/> 4030042	(Qualified Facility only- Tier I) Failed to provide systems or follow procedures to prevent overfills as described in the SPCC Plan; failed to routinely test overflow equipment to ensure proper operation. (40 CFR 112.6(a)(3)(iii).) HSC 25270.4.5(a)
<input type="checkbox"/> 4010003	Failed to have a Professional Engineer certify and review the SPCC Plan. (40 CFR 112.3(d).) HSC 25270.4.5(a)
<input type="checkbox"/> 4010008	Failed to maintain a complete copy of the SPCC Plan at the facility if the facility is normally attended at least four hours per day, or at the nearest field office if the facility is not so attended. (40 CFR 112.3(e)(1).) HSC 25270.4.5(a)
<input type="checkbox"/> 4010010	Failed to make SPCC Plan technical amendment(s) within six months when the facility has had a change in design, construction, operation, or maintenance which affects the facility's discharge potential; failed to implement within six months following preparation of the amendment. (40 CFR 112.5(a), 112.5(b).) HSC 25270.4.5(a)
<input type="checkbox"/> 4010009	Failed to perform and properly document a five-year review of the SPCC Plan. (40 CFR 112.5(b).) HSC 25270.4.5(a)
<input type="checkbox"/> 4010039	Failed to have technical amendments certified by a licensed Professional Engineer. (40 CFR 112.5(c).) HSC 25270.4.5(a)

GENERAL SPCC REQUIREMENTS

BASED UPON 40 CFR 112.7

#	VIOLATION DESCRIPTION
<input type="checkbox"/> 4010012	Failed to prepare a written SPCC Plan in accordance with good engineering practices and any applicable more stringent State rules, regulations, and guidelines; failed to prepare a SPCC Plan that follows the sequence of rule or provides a cross-reference; failed to prepare a SPCC Plan that addresses additional procedures/methods/equipment not fully operational; failed to obtain facility management approval for implementation of the SPCC Plan. (40 CFR 112.7 and 112.7(a)(1).) HSC 25270.4.5(a)
<input type="checkbox"/> 4010014	Failed to include alternative environmental protection to SPCC requirements within SPCC Plan. (40 CFR 112.7(a)(2).) HSC 25270.4.5(a)
<input type="checkbox"/> 4010015	Failed to include in the SPCC Plan an adequate facility diagram, or no facility diagram included. The facility diagram is not required for a Tier I Qualified Facility. (40 CFR 112.7(a)(3).) HSC 25270.4.5(a)
<input type="checkbox"/> 4010016	Failed to adequately describe in the SPCC Plan the physical layout of facility, types of oil and storage capacities, tanks, containers, equipment, mobile refuelers, portable containers, transfer operations, and other required information. (40 CFR 112.7(a)(3), 112.7(a)(3)(i-vi).) HSC 25270.4.5(a)
<input type="checkbox"/> 4010017	Plan does not contain procedures for reporting a discharge, and/or a contact list and phone numbers for the facility response coordinator, National Response Center, cleanup contractors with an agreement for response, and all appropriate Federal, State, and local agencies. (40 CFR 112.7(a)(4).) HSC 25270.4.5(a)
<input type="checkbox"/> 4010018	Discharge response procedures are not adequately organized to be readily accessible in an emergency. (40 CFR 112.7(a)(5).) HSC 25270.4.5(a)
<input type="checkbox"/> 4010019	Failed to include in the SPCC Plan a prediction of the direction, rate of flow, and total quantity of oil that could be discharged for each type of major equipment failure where experience indicates a reasonable potential for equipment failure. (40 CFR 112.7(b).) HSC 25270.4.5(a)
<input type="checkbox"/> 4010020	(General Containment) Failed to provide, or include in the SPCC Plan, the appropriate containment, diversionary structures, or equipment to prevent a discharge that will not escape containment before cleanup occurs, including typical failure mode and most likely quantity of discharge. (40 CFR 112.7(c).) HSC 25270.4.5(a)
<input type="checkbox"/> 4010004	Failed to clearly explain why appropriate containment/diversionary structures are not practicable and/or SPCC Plan claiming impracticability is not certified by a licensed Professional Engineer. (40 CFR 112.7(d).) HSC 25270.4.5(a)



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APSA Program (continued)

- 4010005 Failed to prepare an Oil Spill Contingency Plan following the provisions of 40 CFR Part 109 for impracticability claim. (40 CFR 112.7(d)(1).) HSC 25270.4.5(a)
- 4010006 Failed to provide a written commitment of manpower, equipment, materials when claiming impracticability. (40 CFR 112.7(d)(2).) HSC 25270.4.5(a)
- 4010021 Failed to have record of inspections and integrity tests signed by the appropriate supervisor or inspector, keep written procedures and records of inspections and integrity tests for at least three years, and/or keep comparison records for bulk storage containers subject to 40 CFR 112.8(c)(6). (40 CFR 112.7(e), 112.8(c)(6).) HSC 25270.4.5(a)
- 4020002 Failure to conduct spill prevention briefing for oil-handling personnel at least once a year to assure adequate understanding of the SPCC Plan, including: 1. Known discharges or failures, 2. Malfunctioning components, 3. Any recently developed precautionary measures. 40 CFR 112.7(f)(3); HSC 6.67 25270.4.5(a)
- 2 4020001 Failed to train oil-handling personnel on: operation/maintenance of equipment to prevent discharges; discharge procedure protocols; applicable laws, rules, and regulations; general facility operations; and the contents of the SPCC Plan. (40 CFR 112.7(f)(1).) HSC 25270.4.5(a)
- 4010022 Failed to designate person accountable for discharge prevention who reports to facility management. (40 CFR 112.7(f)(2).) HSC 25270.4.5(a)
- 4010023 Failure to include in the SPCC Plan an adequate description of employee training. 40 CFR 112.7(f)(1), 40 CR 112.7(f)(3), HSC 6.67 25270.4.5(a)
- 4030001 Failed to address security and access control of the oil handling, processing, and storage areas to both prevent acts of vandalism and assist in discovery of discharges. (40 CFR 112.7(g).) HSC 25270.4.5(a)
- 4030002 (For loading/unloading racks) Failure of the secondary containment, and/or rack drainage to flow to a catchment basin, treatment system, or quick drainage system, and hold at least the maximum capacity of the largest single compartment of any tank car or tank truck. (40 CFR 112.7(h)(1).) HSC 25270.4.5(a)
- 4030003 (For loading/unloading racks) Failed to provide an interlocked warning light or physical barriers, warning signs, wheel chocks, or vehicle brake interlock system in the area adjacent to the loading/unloading rack to prevent vehicles from departing before complete disconnection of transfer lines. (40 CFR 112.7(h)(2).) HSC 25270.4.5(a)
- 4030016 Failed to evaluate field-constructed storage tank for brittle fracture or other catastrophe and take appropriate action. (40 CFR 112.7(i).) HSC 25270.4.5(a)
- 4010013 Failure to discuss in the SPCC Plan conformance with SPCC requirements and other effective discharge prevention and containment procedures or any more stringent State rules, regulations and guidelines. (HSC 6.67 25270.4.5(a); 40 CFR 112.7(a)(1), 112.7(j))
- 4030034 (For oil-filled operational equipment) Failed to provide general secondary containment or fulfill alternative requirements to general secondary containment. (40 CFR 112.7(k).) HSC 25270.4.5(a)

SPCC REQUIREMENTS BASED UPON 40 CFR 112.8 & 112.20

REFER TO APSA (HSC CHAPTER 6.67) FOR DEFINITION OF "STORAGE TANK"

- | # | VIOLATION DESCRIPTION |
|----------------------------------|---|
| <input type="checkbox"/> 4010027 | Failed to restrain drainage from diked storage areas by valve(s) or manually activated pump/ejector to prevent discharge. (40 CFR 112.8(b)(1).) HSC 25270.4.5(a) |
| <input type="checkbox"/> 4030005 | Failed to use valves of manual, open-and-closed design, for drainage of diked areas. (40 CFR 112.8(b)(2).) HSC 25270.4.5(a) |
| <input type="checkbox"/> 4030008 | Facility drainage system from undiked areas not designed/equipped to retain oil or return oil to facility and/or failed to ensure catchment basin is not in an area subject to flooding. (40 CFR 112.8(b)(3), 112.8(b)(4).) HSC 25270.4.5(a) |
| <input type="checkbox"/> 4030009 | Failed to provide at least two lift pumps and permanently install at least one pump where drainage waters are treated in more than one treatment unit and such treatment is continuous, and pump transfer is needed. (40 CFR 112.8(b)(5).) HSC 25270.4.5(a) |
| <input type="checkbox"/> 4030012 | Storage tanks not compatible with materials stored or conditions of storage. (40 CFR 112.8(c)(1).) HSC 25270.4.5(a) |
| <input type="checkbox"/> 4030010 | (Sized Containment) Secondary containment not sized to contain the entire capacity of the largest single storage tank plus freeboard for precipitation. (40 CFR 112.8(c)(2).) HSC 25270.4.5(a) |
| <input type="checkbox"/> 4030013 | Failure to ensure diked areas are sufficiently impervious to contain discharged oil. (40 CFR 112.8(c)(2).) HSC 25270.4.5(a) |
| <input type="checkbox"/> 4030006 | Failed to ensure all of the following before allowing drainage of uncontaminated rainwater from diked area: keep bypass valve normally sealed closed, inspect the retained rainwater, and open then reseal bypass valves under responsible supervision. (40 CFR 112.8(c)(3).) HSC 25270.4.5(a) |
| <input type="checkbox"/> 4010026 | Failed to maintain adequate records (or NPDES permit records) of drainage from diked areas. (40 CFR 112.8(c)(3)(iv).) HSC 25270.4.5(a) |
| <input type="checkbox"/> 4030017 | Failed to provide corrosion protection for partially buried storage tanks. (40 CFR 112.8(c)(5).) HSC 25270.4.5(a) |
| <input type="checkbox"/> 4030015 | Failed to test or inspect each aboveground tank or container for integrity on a regular schedule and after material repairs. (40 CFR 112.7(e), 112.8(c)(6).) HSC 25270.4.5(a) |
| <input type="checkbox"/> 4030014 | Failed to ensure tanks are inspected and tested by an appropriately qualified person in accordance with industry standards. (40 CFR 112.7(e), 112.8(c)(6).) HSC 25270.4.5(a) |
| <input type="checkbox"/> 4010028 | Failed to include in the SPCC Plan procedures to test or inspect each aboveground container for integrity in accordance with industry standards on a regular schedule, after material repairs are made, by qualified personnel; failed to include the frequency and type of testing and inspections based on container size, configuration, and design. (40 CFR 112.8(c)(6).) HSC 25270.4.5(a) |
| <input type="checkbox"/> 4030018 | Failure of steam return/exhaust of internal heating coils, which discharge into an open water course, to be monitored, passed through a settling tank, skimmer, or other separation system. (40 CFR 112.8(c)(7).) HSC 25270.4.5(a) |
| <input type="checkbox"/> 4030019 | Failed to engineer or update each container/tank installation in accordance with good engineering practice to avoid discharges and/or failed to provide at least one of the following overflow prevention devices: audible/visual high liquid level alarm, high liquid level pump cutoff devices, audible or code signal communications between tank gauge and pumping station, or fast response system for determining liquid levels, such as computers, telepulse or direct vision gauges. (40 CFR 112.8(c)(8)(i-iv).) HSC 25270.4.5(a) |
| <input type="checkbox"/> 4030022 | Failed to regularly test liquid level sensing devices to ensure proper operation. (40 CFR 112.8(c)(8)(v).) HSC 25270.4.5(a) |
| <input type="checkbox"/> 4030023 | Failed to observe effluent treatment facilities frequently enough to detect any potential for discharges as described in 40 CFR 112.1(b). (40 CFR 112.8(c)(9).) HSC 25270.4.5(a) |
| <input type="checkbox"/> 4030021 | Failed to promptly correct visible discharges and/or remove any accumulations of oil in diked areas. (40 CFR 112.8(c)(10).) HSC 25270.4.5(a) |
| <input type="checkbox"/> 4030020 | (For mobile or portable storage tanks EXCEPT mobile refuelers) Failed to position or locate mobile or portable storage container, and/or failure to provide secondary containment with sufficient capacity to contain the largest single mobile or portable container/compartment and sufficient freeboard for precipitation. (40 CFR 112.8(c)(11).) HSC 25270.4.5(a) |
| <input type="checkbox"/> 4030025 | Failed to inspect buried piping when exposed for any reason; failed to do additional examination or take corrective action if corrosion damage is identified. (40 CFR 112.8(d)(1).) HSC 25270.4.5(a) |
| <input type="checkbox"/> 4030027 | Failed to provide corrosion protection for buried piping. (40 CFR 112.8(d)(1).) HSC 25270.4.5(a) |
| <input type="checkbox"/> 4030028 | Failed to cap/blank-flange piping connection at transfer point and mark its origin if not in service. (40 CFR 112.8(d)(2).) HSC 25270.4.5(a) |
| <input type="checkbox"/> 4030029 | Failed to design pipe supports to minimize abrasion/corrosion and to allow for expansion/contraction. (40 CFR 112.8(d)(3).) HSC 25270.4.5(a) |
| <input type="checkbox"/> 4030026 | Failed to regularly inspect aboveground valves, piping, and appurtenances. (40 CFR 112.8(d)(4).) HSC 25270.4.5(a) |
| <input type="checkbox"/> 4030030 | Failed to conduct integrity and leak test on buried piping at installation, modification, construction, relocation or replacement. (40 CFR 112.8(d)(4).) HSC 25270.4.5(a) |
| <input type="checkbox"/> 4030031 | Failed to adequately warn vehicles entering facility to protect piping and other transfer operations. (40 CFR 112.8(d)(5).) HSC 25270.4.5(a) |



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APSA Program (continued)

- 4010044 Failed to complete and maintain at the facility the Substantial Harm Criteria certification form when owner or operator determines that the facility could not be reasonably expected to cause substantial harm to the environment. (40 CFR 112.20(e).) HSC 25270.4.5(a)
- 4010029 Failed to adequately discuss in the SPCC Plan all applicable bulk storage containers, including compatibility with material stored and conditions of storage, and description of sized secondary containment capable of containing the largest single container and sufficient freeboard to contain precipitation. 40 CFR 1 112.8(c)(1) & (2); HSC 6.67 25270.4.5 (a)

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Medical Waste Generators

Each violation checked below is for the section(s) of the California health and Safety Code (HSC), California Code of Regulation (CCR), or the San Diego County Code (SDCC) indicated in italics. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. UPF = Unified Program Facility; MW = Medical Waste; USPS = United States Postal Service; DOT = Department of Transportation

MEDICAL WASTE GENERATORS

STORAGE, LABELING, AND DISPOSAL

#	VIOLATION DESCRIPTION
<input type="checkbox"/> HMD4200	Failed to obtain or maintain a Small Quantity Medical Waste Registration or a Unified Program Facility Permit. HSC 117705; SDCC 68.904, 68.905, 68.906, 68.907.1, 68.1201
<input type="checkbox"/> HMD4201	Failed to submit or report in CERS chemical inventory information for hazardous waste and/or medical waste, and keep up to date. SDCC 68.904(a)(2)
<input type="checkbox"/> HMD4202	Medical waste (MW) not separated from other waste at the point of origin. HSC 118275
<input type="checkbox"/> HMD4203	Enclosure or designated accumulation area for MW containers not secured. HSC 118307, 118310
<input type="checkbox"/> HMD4204	MW designated accumulation area not posted with an approved, legible biohazardous waste "warning sign" in English & Spanish or in another language, in addition to English which can be read from a distance of at least 25 feet. HSC 118310
<input type="checkbox"/> HMD4205	MW interim storage area not marked with warning signs or international biohazard symbol legible from a distance of 5 feet. HSC 118307, 118310
<input type="checkbox"/> HMD4206	MW interim storage area not properly secured. HSC 118307
<input type="checkbox"/> HMD4207	Sharps not stored in approved container or labeled with the words "sharps waste" or with the international biohazard symbol and the word "BIOHAZARD". HSC 118285(a) & (d)
<input type="checkbox"/> HMD4208	Sharps containers, including those used to containerize trace chemotherapeutic wastes, lined with a plastic bag or inner liner. HSC 117750
<input type="checkbox"/> HMD4209	Full sharps container not taped closed or tightly-lidded to preclude loss of contents. HSC 118285(b)
<input type="checkbox"/> HMD4210	Primary containers accumulating MW not labeled with an electronic tracking system label or a label with generator's name, address and phone number. SDCC 68.1205
<input type="checkbox"/> HMD4211	Medical waste not stored in approved and properly marked biohazard bags. HSC 118275(a)
<input type="checkbox"/> HMD4212	Biohazard bags not tied off to prevent leakage or expulsion of contents during storage and handling. HSC 118280(a)
<input type="checkbox"/> HMD4213	Biohazardous bags not containerized in rigid, leak resistant, and covered containers or bins when placed for storage, handling, or transport. HSC 118280(c)
<input type="checkbox"/> HMD4214	Biohazard bag not ASTM D1709 certified. HSC 117630(b)
<input type="checkbox"/> HMD4215	Biohazard bag(s) are not red, except when yellow to further segregate trace chemo waste or white for pathology waste. HSC 117630(b)
<input type="checkbox"/> HMD4216	Biohazard bags not placed in a USDOT-approved container lined with a biohazard bag that is ASTM D1709 and ASTM D1922 certified. HSC 117630(b)
<input type="checkbox"/> HMD4217	Waste container or bin not labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD" on the lid and sides. HSC 118280(c)
<input type="checkbox"/> HMD4218	Reusable containers or bins for MW storage not thoroughly washed and decontaminated and maintained in a clean and sanitary manner. HSC 118295, 118305
<input type="checkbox"/> HMD4219	MW interim storage area not marked with warning signs or international biohazard symbol legible from a distance of 5 feet. HSC 118307, 118310
<input type="checkbox"/> HMD4220	MW interim storage area not properly secured. HSC 118307
<input type="checkbox"/> HMD4221	Full sharps container stored more than 30 days at >0°C. HSC 11828(c)
<input type="checkbox"/> HMD4222	Biohazard bag waste stored more than 7 days at >0°C (for generators of 20 or more pounds a month). HSC 118280(e)(1)(A)
<input type="checkbox"/> HMD4223	Biohazard bag waste stored >30 days at below 0°C (for generators of <20lbs/month). HSC 118280(e)(1)(B)
<input type="checkbox"/> HMD4224	Materials of Trade Exemption: transportation logs not maintained for 2 years at the receiving facility HSC 117946(3), 117976(3)
<input type="checkbox"/> HMD4225	Materials of Trade Exemption: transportation logs do not contain the name of the person transporting the medical waste, the number of containers of medical waste transported, the date the medical waste was transported. HSC 117946(3)(a-c), 117976(3)(a-c)
<input type="checkbox"/> HMD4226	Disposal of untreated MW to an unauthorized point. HSC 118340

SMALL QUANTITY GENERATORS ONLY

(<200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

#	VIOLATION DESCRIPTION
<input type="checkbox"/> HMD4301	Medical Waste Management Plan (MWMP) not submitted to HMD within 30 days of generating medical waste or making updates to the MWMP. HSC 117935, SDCC 68.1202(c)(2)(B)
<input type="checkbox"/> HMD4302	Did not maintain and show proof of "onsite" medical waste treatment records for 3 years. HSC 117943
<input type="checkbox"/> HMD4303	Did not maintain on file disposal receipts, tracking or shipping documents for medical waste shipped offsite for at least 3 years. HSC 117945
<input type="checkbox"/> HMD4309	MWMP or equivalent information not onsite. HSC 117935, 118032

LARGE QUANTITY GENERATORS ONLY

(>= 200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

#	VIOLATION DESCRIPTION
<input type="checkbox"/> HMD4351	Medical Waste Management Plan (MWMP) not submitted to HMD within 30 days of generating medical or making updates to the MWMP. HSC 117960, 117970
<input type="checkbox"/> HMD4352	Records of medical waste treatment not available for 2 years. HSC 117975, 118215(a)(2)(E)
<input type="checkbox"/> HMD4353	Did not make available disposal receipts, tracking or shipping documents for at least 2 years for medical waste shipped offsite. HSC 117975

MW ONSITE TREATMENT FACILITY

#	VIOLATION DESCRIPTION
<input type="checkbox"/> HMD4500	Treated medical waste generated offsite without a permit from the California Department of Public Health (CDPH). HSC 118130
<input type="checkbox"/> HMD4501	Onsite MW treatment permit not obtained or renewed. HSC 117950, 117925, 118130; 65623
<input type="checkbox"/> HMD4502	Current copy of the MW treatment permit not available. HSC 118165, 118180; CCR 65621(f), 65623



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 06/01/2022 PAGE 12 OF 12
 RECORD ID #: DEH2002-HUPFP-111672

Medical Waste Generators (continued)

- HMD4503 Condition(s) of the MW treatment permit violated. CCR 65623
- HMD4504 Operators who treat medical waste not trained in proper equipment use, proper protective equipment to wear and if necessary, proper cleanup of spills. HSC 117967(a), 117938(b)
- HMD4505 Initial and/or annual training for operators that treat medical waste not provided. HSC 117967(b), 117938(b)(2)
- HMD4506 Initial and/or annual training documentation for operators that treat medical waste not available for two years. HSC 117967(c), 117938(b)(3)
- HMD4507 MW treated by unapproved method/procedure. HSC 118215
- HMD4508 Standard written operating procedures for steam sterilization not established. HSC 118215(a)(2)(A)
- HMD4509 Recording thermometer not calibrated annually. HSC 118215(a)(2)(B)
- HMD4510 No records of annual thermometer calibration checks onsite for at least the past 2 years. HSC 118215(a)(2)(B)
- HMD4511 Heat-sensitive tape or other approved method not used for each load treated onsite. HSC 118215(a)(2)(c)
- HMD4512 Monthly biological indicator or other approved indicator not used to confirm proper sterilization. HSC 118215(a)(2)(D)
- HMD4513 Onsite steam sterilization did not reach 121° C (250° F) for at least 30 minutes. HSC 118215(a)(2)(B)
- HMD4514 Treatment records or logs of dates, time, and temperature not maintained for at least 2 years. HSC 118215(a)(2)(e)
- HMD4515 Treated sharps waste is not destroyed or public access to the treated sharps waste not prevented. HSD118225(c)
- HMD4516 Emergency Action Plan not established or provided to HMD. HSC 118235
- HMD4517 Treatment Closure Plan not established or provided to HMD. HSC 117935(j), HSC 117960(j)

CHEMOTHERAPY, PATHOLOGY, PHARMACEUTICAL, HAZARDOUS, AND UNIVERSAL WASTES

- # VIOLATION DESCRIPTION
- HMD4401 Trace chemotherapy waste not segregated from other MW. HSC 118275(a)(4)
 - HMD4402 Trace chemotherapy waste container not labeled "Chemotherapy Waste" or "CHEMO" on the lid and the sides. HSC 118275(a)(4)
 - HMD4403 Illegal disposal of chemotherapy waste. HSC 118340
 - HMD4411 Pathology waste not segregated from other MW. HSC 118275(a)(5)
 - HMD4412 Pathology waste container not labeled "Pathology Waste" or "PATH" on the lid and the sides. HSC 118275(a)(5)
 - HMD4413 Illegal disposal of pathology waste. HSC 118340
 - HMD4421 Pharmaceutical waste not segregated from other MW. HSC 118275(a)(6)
 - HMD4422 Pharmaceutical waste not labeled "HIGH HEAT" or "INCINERATION ONLY" on the lid and the sides. HSC 118275(a)(6)
 - HMD4423 Pharmaceutical waste stored more than 90 days when container is full, or stored longer than one year (maximum allowable time). HSC 118280(f)
 - HMD4424 Failed to notify HMD of any tracking document discrepancies between pick up and disposal of pharmaceutical waste. HSC 118032(c)(4)
 - HMD4432 Illegal disposal of pharmaceutical waste. HSC 118340, 118222(b)
 - HMD4441 Disposal of photo/hazwaste to an unauthorized point. HSC 25189.5
 - HMD0147 Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2)
 - HMD0307 Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a), 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a), 66273.8(b)

HM-9255 MW (08-21)



COUNTY OF SAN DIEGO

CORRECTIVE ACTION FORM TO DOCUMENT RETURN TO COMPLIANCE

FACILITY NAME: Foundation Medicine, Inc. - Torreyana
 ADDRESS: 11010 TORREYANA RD
 CITY/ZIP: SAN DIEGO /92121

INSPECTION DATE: 06/01/2022
 RECORD ID #: DEH2002-HUPFP-111672
 SPECIALIST: Cameron Williams
 INSPECTION CONTACT: Homero Carrillo
 TITLE: Senior Facilities Manager
 PHONE: (858) 775-4891
 E-MAIL: hcarrillo@foundationmedicine.com

VIOL#	DATE CORRECTED	INDICATE HOW VIOLATIONS WERE CORRECTED (Attach Any Supporting Documentation)	DUE DATE
#1 1010006			07/01/2022
#2 4020001			07/01/2022
#3 HMD5104			07/01/2022

I certify under penalty of law that this facility has corrected all violations marked on the Compliance Inspection Report/Notice of Violation. I have personally examined and am familiar with the information submitted and believe the information is true, accurate and complete. I am authorized to file this certification for the facility, and am aware that there are significant penalties for submitting false information.

PRINTED NAME OF FACILITY REPRESENTATIVE	SIGNATURE	DATE SIGNED
TITLE OF FACILITY REPRESENTATIVE		

SEND COMPLETED FORM AND SUPPORTING DOCUMENTATION TO THE ADDRESS LISTED BELOW

COUNTY OF SAN DIEGO USE ONLY

REVIEWED BY: _____ DATE: _____

SPECIALIST'S COMMENTS:

- All violations noted on date listed above were corrected
- Based On Information Provided By The Facility RTC entered by Specialist on: _____
- Based On Field Verification By Specialist RTC entered by Office Assistant on: _____

Department of Environmental Health and Quality, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
 (858) 505-6880 <http://www.sdcdehq.org>



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 05/21/2021

RECORD ID #: DEH2018-HUPFP-004327

TIME START: 10:10 AM END: 11:50 AM

SPECIALIST: Aisha Daniel

INSPECTION CONTACT: Charles Xing

TITLE: Scientist

PHONE: (858) 558-0708

E-MAIL: cxing@bioatla.com

FACILITY NAME: BioAtla, LLC
 ADDRESS: 11085 TORREYANA RD
 CITY/ZIP: SAN DIEGO /92121-1104

FACILITY REFERENCE DATA

ACCELA

RECORD STATUS: Permit Renewed
 PERMIT EXPIRATION DATE: 06/30/2021
 BALANCE DUE: \$1,051.00
 INSPECTOR: Aisha Daniel
 INSPECTION TYPE: Routine
 INSPECTION STATUS: Pending Corrective Action

CERS

EPA ID NUMBER: CAL000436269
 FACILITY CERS ID NUMBER: 10758046
 CERS LEAD USER: Monica Sullivan
 LAST CERS SUBMITTAL DATE: 11/14/2019
 ENVIRONMENTAL CONTACT EMAIL: msullivan@bioatla.com
 ENVIRONMENTAL CONTACT PHONE: 8585580708

FACILITY INFORMATION

INACTIVATION INSPECTION:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HAZARDOUS MATERIALS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CHANGE OF OWNER:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HAZARDOUS WASTE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CHANGE IN BUSINESS TYPE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ABOVEGROUND PETROLEUM STORAGE ACT:*	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS TYPE: <u>Biomedical/Biotech-Not Large Manufacturer</u>			TOTAL SHELL CAPACITY APSA:	<u>0</u>	
ISSUE INITIAL INVOICE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	UNDERGROUND STORAGE TANK:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS NON-NOTIFICATION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CALARP PROGRAM (CERS):	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ASSESS RE-INSPECTION FEE:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CALARP PROGRAM LEVEL:	<input type="checkbox"/>	<input type="checkbox"/>
FACILITY SUBJECT TO BASE FEE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MEDICAL WASTE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
FACILITY SUBJECT TO CUPA FEE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MW FACILITY GENERATING OVER 200 LBS PER MONTH:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UPDATE FACILITY ADDRESS IN AA:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EPIC PARTICIPANT:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESS CLOSE DATE:			NUMBER OF TLV GASES AT THE FACILITY:	<u>0</u>	

HW GENERATOR STATUS :

TIERED PERMIT LEVEL(S) :

PRIMARY BILLING CODE: Not Applicable SECONDARY BILLING CODE: Not Applicable

INSPECTION SCOPE:*

HAZARDOUS MATERIALS: HAZARDOUS WASTE:

MEDICAL WASTE: CALARP:

TIERED PERMITTING:

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT NAME: Charles Xing TITLE: Scientist

REMOVE BLANK CHECKLISTS FROM FINAL INSPECTION REPORT SIGNATURE NOT OBTAINED

TIME ACCOUNTING (Routine) TOTAL TIME ENTERED: 5.1

Date	Time	Group	Type
05/21/2021	3	HMD Inspection	Report Writing - Record
05/21/2021	0.5	HMD Inspection	Travel Time - Record
05/21/2021	0.8	HMD Inspection	HM/HW - Record
05/21/2021	0.8	HMD Inspection	MW SQG - Record



COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: 05/21/2021

RECORD ID #: DEH2018-HUPFP-004327

TIME START: 10:10 AM END: 11:50 AM

SPECIALIST: Aisha Daniel

INSPECTION CONTACT: Charles Xing

TITLE: Scientist

PHONE: (858) 558-0708

E-MAIL: cxing@bioatla.com

FACILITY NAME: BioAtla, LLC
ADDRESS: 11085 TORREYANA RD
CITY/ZIP: SAN DIEGO /92121-1104

INSPECTION REPORT EMAILS:

Aisha.Daniel@sdcounty.ca.gov

RECORD COMMENT:

Routine inspection conducted on 5/21/2021 with Olivia Villalvazo, EHS II.



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: BioAtla, LLC
 ADDRESS: 11085 TORREYANA RD
 CITY/ZIP: SAN DIEGO /92121-1104

INSPECTION DATE: 05/21/2021 PAGE 1 OF 10
 RECORD ID #: DEH2018-HUPFP-004327
 TIME START: 10:10 AM END: 11:50 AM
 SPECIALIST: Aisha Daniel
 INSPECTION CONTACT: Charles Xing
 TITLE: Scientist
 PHONE: (858) 558-0708
 E-MAIL: cxing@bioatla.com

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). **This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6.** This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

- | | | | |
|---|---|--|---|
| <input checked="" type="checkbox"/> Unified Program Facility Permit Current | <input checked="" type="checkbox"/> Contingency Plan Available | <input type="checkbox"/> LQG | <input checked="" type="checkbox"/> SQG |
| <input type="checkbox"/> Hazardous Materials Business Plan Available | <input checked="" type="checkbox"/> Employee Training Records Available | | |
| <input checked="" type="checkbox"/> Employee Training is Adequate | <input checked="" type="checkbox"/> Universal Waste Managed Properly | | |
| <input checked="" type="checkbox"/> Waste Disposal Records Available for Review | <input checked="" type="checkbox"/> Waste Containers | <input checked="" type="checkbox"/> Closed | <input type="checkbox"/> Labeled |
| <input checked="" type="checkbox"/> Emergency Contacts Current | <input type="checkbox"/> Updated today | <input checked="" type="checkbox"/> Waste Containers in Good Condition | |
| <input type="checkbox"/> Chemical Inventory/Map Current | <input type="checkbox"/> Updated today | Permit Expires On | <u>06/30/2021</u> |

CONSENT TO CONDUCT INSPECTION GRANTED BY: Charles Xing TITLE: Scientist

INTRODUCTION:

ROUTINE INSPECTION

The Hazardous Materials Division (HMD) of the Department of Environmental Health serves as the Certified Unified Program Agency (CUPA) for the County of San Diego. As the local CUPA, the Hazardous Materials Division implements the Unified Program, which includes programs pertaining to Hazardous Materials Business Plan, Hazardous Waste, Aboveground Petroleum Storage, and Underground Storage Tanks. In San Diego County, the Hazardous Materials Division also enforces the Medical Waste Management Act.

On 5/21/2021, I conducted a routine inspection of BioAtla, LLC to verify compliance with Hazardous Materials Business Plan (HMBP) requirements, Hazardous Waste (HW) generator requirements and Medical Waste Management Act requirements. This facility develops novel monoclonal antibody and cell based therapeutics. Today's inspection was conducted with facility representatives, Charles Xing, Scientist. Also present for the inspection was Olivia Villalvazo, Environmental Health Specialist for HMD.

Charles Xing granted Olivia Villalvazo and I consent to conduct the on-site inspection.

According to the most recent information submitted to the Hazardous Materials Division (HMD) through CERS (on 8/20/2018), this facility is subject to the following CUPA programs:

- Hazardous Materials Business Plan (HMBP) requirements due to the storage of reportable amounts of hazardous materials on-site (approximately 5681cu.ft of Carbon Dioxide gas and 120gal of Liquid Nitrogen)
- Medical Waste (MW) regulations as a small quantity generator of MW (LQGMW: < 200lbs of MW per month).
- Hazardous Waste (HW) regulations as a small quantity generator (SQG) of HW (SQG: <1,000Kgs of HW per month); EPA ID Number: CAL000436269 (Active).

For Reference:

Last inspection performed by Anastasiya Irkhin, Environmental Health Specialist, on 5/4/2018.

Facility CERS ID Number: 10758046



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 05/21/2021 PAGE 2 OF 10
RECORD ID #: DEH2018-HUPFP-004327

VIOLATION # 1

1010008 HMBP not certified as complete and accurate in CERS by the required due date. HSC 25508.2, 19 CCR 2654(b)

Classification: Class II

Observations:

This facility is subject to hazardous materials business plan (HMBP) requirements due to the storage of reportable amounts of hazardous materials (approximately 6993cu.ft of Carbon Dioxide gas, 120gal of Liquid Nitrogen, and 300gal of Diesel Fuel). Facilities subject to HMBP requirements must complete an annual certification of their HMBP plan through CERS. The most recent HMBP certification through CERS before today's inspection was dated 8/20/2018. The facility submitted the Facility Information and Hazardous Materials Inventory elements on 11/14/2019 but this submittal was incomplete as the Emergency Response and Training Plans element was not submitted. There was a comment by the regulator that stated to submit all elements for be considered annual certification.

Corrective Action Due By:06/20/2021

Immediately re-certify your HMBP in CERS by submitting the Facility Information, Hazardous Materials Inventory, and the Emergency Response and Training Plans elements. **Within 30 days** provide documentation of corrective action via email to Aisha.Daniel@sdcounty.ca.gov. You may use the Corrective Action form at the end of this report.

HMBP's must be re-certified annually.

VIOLATION # 2

1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508.1(a-b); 19 CCR 2654 (a) or (d)

Classification: Class II

Observations:

This facility is subject to hazardous materials business plan (HMBP) requirements due to the storage of reportable amounts of hazardous materials at or above 55gal for a liquid, 500lbs for a solid, or 200 cubic feet for a compressed gas. During the inspection, I observed a 300 gallon emergency diesel generator. Per Charles Xing, BioAlta is responsible for maintenance of the generator as well as record keeping of documents related to the generator. Charles Xing confirmed that the diesel generator has been on-site since they began operating at this facility in 2018. Based on previous submittals, including the the last Hazardous Materials Inventory submitted on 11/14/2019, diesel fuel has not been reported as part of the facility's hazardous materials inventory.

Corrective Action Due By:06/20/2021

Immediately update your HM inventory in CERS. **Within 30 days** provide documentation of corrective action via email to Aisha.Daniel@sdcounty.ca.gov. You may use the Corrective Action form at the end of this report. If guidance is needed with your inventory in CERS, visit our CERS Information webpage or call our CERS help line at (858) 505-6990 for one-on-one guidance.

VIOLATION # 3

3030007 Failed to properly label/date hazardous waste container &/or tank. 22 CCR 66262.34(f)

Classification: Class II

Observations:

I observed one (1) 20gal trash container labeled as "ADC Solid Waste". Per Charles Xing, the ADC solid waste is the trace chemotherapeutic solid and when it is full, the bag goes into the hazardous waste bin labeled Hazardous Waste Solid - Cytotoxic. The "ADC Solid Waste" container was missing the following: the composition and physical state of the wastes, the hazardous properties of the wastes (toxic, ignitable, reactive, corrosive), and the name and address of the generator.

Corrective Action Due By:06/20/2021



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 05/21/2021 PAGE 3 OF 10
RECORD ID #: DEH2018-HUPFP-004327

Immediately properly label all containers storing hazardous waste. During the inspection, I provided Charles Xing with a hazardous waste label. **Within 30 days** provide documentation of corrective action via email at Aisha.Daniel@sdcounty.ca.gov. You may use the Corrective Action form at the end of this report.

Containers storing hazardous waste must be labeled with the words "Hazardous Waste", composition and physical state of the wastes, the hazardous properties of the wastes (toxic, ignitable, reactive, corrosive), and the name and address of the generator.

VIOLATION # 4

1010005 Site map not submitted in CERS or not sufficient. HSC 25505(a)(2); 25508.1(f); 19 CCR 2652(a)(3)

Classification: Minor

Observations:

This facility is subject to HMBP requirements for storing hazardous materials in reportable quantities (approximately 6993cu.ft of Carbon Dioxide gas, 120gal of Liquid Nitrogen, and 300gal of Diesel Fuel). A requirement for facilities subject to HMBP is having a site map that contains north orientation, loading areas, internal roads, adjacent streets, storm and sewer drains, access and exit points, emergency shutoffs, evacuation staging areas, hazardous material handling and storage areas, emergency response equipment, and additional map requirements the governing body of the unified program agency finds necessary. I observed the site map missing the diesel emergency generator.

Corrective Action Due By:06/20/2021

Update your site map to include the 300gal diesel emergency generator. **Within 30 days** provide documentation of corrective action via email at Aisha.Daniel@sdcounty.ca.gov. You may use the Corrective Action form at the end of this report.

A sample map, instructions, and symbols legend can be found at [https://www.sandiegocounty.gov/content/dam/sdc/deh/hmd/pdf/hmbp/HM-952%20\(04-2019\).pdf](https://www.sandiegocounty.gov/content/dam/sdc/deh/hmd/pdf/hmbp/HM-952%20(04-2019).pdf)

INSPECTION REMARKS:

Minor Violations Corrected During Inspection:

- 1) I observed at least four (4) red biohazardous bags not labeled properly labeled with a generator's label. Per Charles Xing, the facility adds the generator labels to the red bags when they remove it from the container to their waste accumulation area. During the inspection, Charles Xing added the generator labels to the red biohazardous bags.
- 2) I observed the Hazardous Waste Solid- Cytotoxic waste bin label missing the accumulation start date. Charles Xing added the accumulation start date to the hazardous waste label.

Hazardous Materials (hazmat):

- Facility's HMBP had last been submitted on 08/20/18 (refer to violation #1)
- Employee Training records were reviewed
- I observed a flammable cabinet in the storage area.
- Hazmat inventory was reviewed:
 - I observed two (2) 20gal hazardous waste containers for the Hazardous Waste Solid - Cytotoxic. The chemical inventory current reports one (1) container for the Hazardous Waste Solid - Cytotoxic. Update your chemical inventory to include the second container.
 - I observed sixteen (16) 437 cubic feet carbon dioxide cylinders throughout the lab area. Please ensure the maximum daily amount correlates with the inventory stored on-site.

Hazardous Waste (hazwaste):

- EPA ID Number: CAL000436269 (Active)
- Hazwaste manifest records were reviewed; Per Charles Xing, no hazwaste has been picked up in 2021. Based on observed hazwaste manifest records, last pick up was 1/6/2020.



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 05/21/2021 PAGE 4 OF 10
RECORD ID #: DEH2018-HUPFP-004327

- Attain to HW generation requirements (labeling, accumulation times, disposal, records, employee training, etc.)

This facility has satellite accumulation of hazardous waste in their lab area. For satellite accumulation of hazardous waste, please keep in mind:

1. Waste must be accumulated in containers (not tanks) at or near or at the initial point of generation, and is under the control of the operator.
2. Waste must not be on-site for more than 1 yr from initial date of accumulation.
3. Initial date of accumulation must be clearly marked and visible on each container.
4. Within 3 days of reaching the quantity limits, the generator must mark the container with the date that limit was reached, and comply with the other applicable regulations for HW.

Medical Waste:

- Medical waste tracking documents and disposal records were observed. Per Charles Xing, Veolia picks up medical waste every week.
- Proper signage observed posted outside of designated medical waste accumulation areas.
- Based on recent (2020 - 2021) medical waste disposal records, this facility generates less than 200lbs of medical waste per month, however, based on medical waste disposal records from 2019, the facility generated more than 200lbs of medical waste per month. Per Charles Xing, the facility has not generated a lot of medical waste due to the pandemic. Please ensure to update your Medical Waste Management Plan when your facility starts operating at normal capacity and the medical waste generated increases above 200lbs per month.

ADDITIONAL REMARKS:

During the inspection, the content of this report was reviewed with Charles Xing and this inspection report was not signed due to current Public Health Orders and COVID-19 restrictions.

Local information and updates about COVID-19 are available online at: <https://www.sandiegocounty.gov/coronavirus.html>

To receive text messages with COVID-19 information and updates, send "COSD COVID-19" to the number 468-311 on your mobile phone.

DIRECT QUESTIONS AND/OR CORRESPONDENCE TO:

Aisha Daniel
Environmental Health Specialist Trainee
San Diego County | Department of Environmental Health and Quality | Hazardous Materials Division
P.O. Box 129261 | 5500 Overland Ave.
San Diego, CA 92112-9261
E-mail: Aisha.Daniel@sdcounty.ca.gov

Helpful Websites:

- For guidance documents on hazardous materials-related topics, go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
- For information on the California Environmental Reporting System (CERS), go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
- If you have questions on: permit fees, business plan requirements, or hazardous waste regulations, go to: <http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html>
- To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails: <https://public.govdelivery.com/accounts/CASAND/subscriber/new>

If you have any questions regarding this inspection, please contact Aisha Daniel , 619-371-1192, Aisha.Daniel@sdcounty.ca.gov



COUNTY OF SAN DIEGO

SUPPLEMENTAL COMPLIANCE INSPECTION REPORT

INSPECTION DATE: 05/21/2021 PAGE 5 OF 10
RECORD ID #: DEH2018-HUPFP-004327

INSPECTION PHOTOS

None

INSPECTION ATTACHMENTS

Document Name	Document Description
1	

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE	SIGNATURE	DATE SIGNED
N/A		Signature Not Obtained
TITLE OF FACILITY REPRESENTATIVE		
N/A		

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (858) 505-6880 <http://www.sdcdeh.org>



COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT Handlers of Hazardous Materials and Small and Large Quantity Generators of Hazardous Waste

INSPECTION DATE: 05/21/2021 PAGE 6 OF 10
RECORD ID #: DEH2018-HUPFP-004327

FACILITY NAME: * **BioAtla, LLC**

ADDRESS: * **11085 TORREYANA RD**

CITY/ZIP: * **SAN DIEGO**

92121-1104

Each violation checked below is for the section(s) of the California Health and Safety Code (HSC), California Code of Regulations (CCR), or the San Diego County Code (SDCC) indicated in italics. Incorporated provisions of Title 40 of the Code of Federal regulations (CFR) are noted for reference. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. HMBP = Hazardous Materials Business Plan; CUPA = Certified Unified Program Agency; CERS = California Environmental Reporting System; SQG = Small Quantity Hazardous Waste Generator; LQG = Large Quantity Hazardous Waste Generator

HAZARDOUS MATERIALS REQUIREMENTS

#	VIOLATION DESCRIPTION
<input type="checkbox"/> 1010001	Failed to establish and implement a HMBP. HSC 25505(a) and 25507(a)
<input type="checkbox"/> 1010002	HMBP not submitted in CERS within the required timeframe. HSC 25508(a)(1)(A); 27 CCR 15188(a),(b),(d)
<input type="checkbox"/> 1010003	Business activities &/or Business Owner/Operator page not complete or accurate in CERS. 19 CCR 2652(a)(1); SDCC 68.904(b); HSC 25508(a)(1)(A), 25508(a)(3)
2 <input checked="" type="checkbox"/> 1010004	Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508.1(a-b); 19 CCR 2654 (a) or (d)
4 <input checked="" type="checkbox"/> 1010005	Site map not submitted in CERS or not sufficient. HSC 25505(a)(2); 25508.1(f); 19 CCR 2652(a)(3)
<input type="checkbox"/> 1010006	Failed to update HMBP in CERS within 30 days of a substantial change to any portion of the HMBP, including inventory changes or facility information. HSC 25508.1(a-f); 19 CCR 2654(d); SDCC 68.904(c)(6)
1 <input checked="" type="checkbox"/> 1010008	HMBP not certified as complete and accurate in CERS by the required due date. HSC 25508.2, 19 CCR 2654(b)
<input type="checkbox"/> 1010010	Emergency response plan and procedures to mitigate a release or threatened release not adequate, not established or not submitted in CERS. HSC 25505(a)(3), 25508(a)(1)(A), 25508(a)(3); 19 CCR 2658
<input type="checkbox"/> 1010011	Failure to notify property owner in writing that the business is subject to the HMBP program. HSC 25505.1
<input type="checkbox"/> 1010012	Failure to provide a copy of HMBP to the property owner within five working days upon request from property owner. HSC 25505.1
<input type="checkbox"/> 1010014	Failure to submit emergency response plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A); 19 CCR 2670, 2671
<input type="checkbox"/> 1010015	Failure to submit employee training plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A)
<input type="checkbox"/> 1010016	HMBP not established or submitted in CERS, when not meeting the remote site exemption. HSC 25507.2 and 25508(a)(1)(A)
<input type="checkbox"/> 1020001	Employee training and/or plan for safety procedures in the event of a release or threatened release of a hazardous material not adequate, not established or not submitted in CERS. HSC 25505(a)(4), 25508(a)(1)(A), 25508(a)(3); 19 CCR 2658, 2659(a)
<input type="checkbox"/> 1030001	(AWM) Failure of agricultural handler to post warning signs on buildings where pesticides, petroleum, or fertilizers are stored, that are visible from any direction of probable approach, contain all required information, and are in appropriate language. HSC 6.95 25507.1(a)(2); 19 CCR 2670, 2671
<input type="checkbox"/> 1020002	Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)
<input type="checkbox"/> 1040001	Hazardous materials release or threatened release not immediately reported to the CUPA and OES upon discovery. HSC 25510(a); 19 CCR 2631(a)
<input type="checkbox"/> HMD1001	Unified Program Facility permit not obtained for hazardous materials. SDCC 68.904; 68.905; 68.906, 68.907; 68.907.1
<input type="checkbox"/> HMD1005	Emergency contact not provided or current in CERS. HSC 25508.1(f); SDCC 68.904(b)
<input type="checkbox"/> HMD1007	Highly toxic gas (TLV<10 ppm) not disclosed in CERS. SDCC 68.1113(a)
<input type="checkbox"/> HMD1008	Annual carcinogen/reproductive toxin list not submitted in CERS. SDCC 68.1113(b)
<input type="checkbox"/> 1010017	HMBP not readily available to facility personnel or the CUPA. HSC 25505(c)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS ONLY

#	VIOLATION DESCRIPTION
<input type="checkbox"/> HMD0226	Did not accumulate waste in a container or tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2)
3 <input checked="" type="checkbox"/> 3030007	Failed to properly label/date hazardous waste container &/or tank. 22 CCR 66262.34(f)
<input type="checkbox"/> 3030010	Accumulated waste too long (>180 or 270 days) or (>90 days). HSC 25201(a), 25123.3(h)(1); 22 CCR 66262.34 (b), 66262.34(d); 40 CFR 262.34(e) and/or (f)
<input type="checkbox"/> 3030013	Failed to accumulate hazardous waste in a container that is in good condition. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.171
<input type="checkbox"/> 3030015	Failed to accumulate or store hazardous waste in a lined &/or compatible container. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.172
<input type="checkbox"/> 3030017	Failed to properly close hazardous waste container(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.173
<input type="checkbox"/> 3030019	Failed to inspect hazardous waste storage area at least weekly. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.174
<input type="checkbox"/> 3030022	Failed to properly separate incompatible waste. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.177
<input type="checkbox"/> 3030030	Failed to maintain &/or operate facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.31
<input type="checkbox"/> 3030036	Failed to maintain adequate aisle space. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.35
<input type="checkbox"/> 3010022	Failed to post, next to the telephone, emergency information containing the location of emergency equipment, contact names and phone numbers. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(ii)
<input type="checkbox"/> 3020001	Failure to ensure employees are thoroughly familiar with proper waste handling and emergency procedures during normal facility operations and emergencies. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iii)
<input type="checkbox"/> 3030032	Failed to maintain the following emergency response equipment or equivalent: 1) An internal communication or alarm system; 2) A communication device, such as a telephone; 3) Portable fire extinguishers, fire/spill control equipment and decontamination equipment; and 4) Water at adequate volume and pressure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.32
<input type="checkbox"/> 3030039	Failed to have an emergency coordinator on the premises or on call, and available during an emergency. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(i)
<input type="checkbox"/> HMD0412	Failed to implement and/or coordinate emergency response measures during an emergency, spill/release. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iv)

HAZARDOUS WASTE TANK SYSTEMS FOR SQGS ONLY

#	VIOLATION DESCRIPTION
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COMPLIANCE INSPECTION REPORT

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Hazardous Materials and Hazardous Waste (continued)

- 3030024 Failed to operate uncovered tank to ensure at least 2 ft. of freeboard to prevent overtopping, unless the tank is equipped with a containment structure, a drainage control system, or a diversion structure with a capacity that equals or exceeds the volume of the top 2 ft. of the tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(c)
- 3030025 Failed to provide an overflow protection device on continuously fed hazardous waste tank(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(4)
- 3030027 Failed to conduct daily tank inspection of discharge control system, monitoring equipment and waste level. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(1-3), 262.34(d)(3)
- 3030028 Failed to conduct weekly hazardous waste tank inspection(s) to detect signs of leakage and ensure that the construction materials, fixtures and surrounding areas of the tank are in good condition. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(4 & 5), 262.34(d)(3)
- 3050007 Failed to properly remove all waste upon closure, decontaminate, and document the closure of a hazardous waste tank system. 22 CCR 67383.3; 40 CFR 262.34(d)(3), 265.201(f)
- HMD1612 Hazardous waste improperly stored in a tank system causing leaks, corrosion, or failure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)
- HMD1614 Failed to pre-notify the CUPA in writing prior to closing a hazardous waste tank system. 22 CCR 67383.3(a)(1)
- HMD1615 Failed to properly accumulate ignitable or reactive waste in a tank system. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(g)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS AND LOGS

RECORD KEEPING/OPERATIONAL REQUIREMENTS

- | # | <u>VIOLATION DESCRIPTION</u> |
|--------------------------|--|
| <input type="checkbox"/> | HMD0131 Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. SDCC 68.904; 68.905; 68.907.1 |
| <input type="checkbox"/> | HMD0150 Failed to submit complete and accurate Facility Information in CERS. 27 CCR 15188(b-c); SDCC 68.904(b) |
| <input type="checkbox"/> | 3030053 Failed to maintain waste analysis records, analytical records &/or waste determination results for at least 3 years. 22 CCR 66262.40(c) |
| <input type="checkbox"/> | 3010002 Failed to obtain &/or maintain an active EPA ID Number. 22 CCR 66262.12(a) |
| <input type="checkbox"/> | 3010008 Failed to properly complete a uniform hazardous waste manifest. 22 CCR 66262.23(a) |
| <input type="checkbox"/> | 3010009 Failed to submit an Exception Report to DTSC for hazardous waste manifest. HSC 25123.3(h)(2); 22 CCR 66262.42(b), (c), &/or (d) |
| <input type="checkbox"/> | 3010010 Failed to maintain copies of Uniform Hazardous Waste Manifest, consolidated manifest, or Bills of Lading for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a), 66262.23(a)(3) |
| <input type="checkbox"/> | 3010011 Failed to send copy of the uniform hazardous waste manifest to DTSC within 30 days of shipment. 22 CCR 66262.23(a)(4) |
| <input type="checkbox"/> | 3010013 Failed to meet the consolidated manifesting requirements for waste shipment. HSC 25160.2(b)(3) &/or (c) |
| <input type="checkbox"/> | 3010014 Failed to retain at the generator's place of business disposal records of spent lead-acid batteries for at least 3 years. 22 CCR 66266.81(a)(4)(A) &/or (B) |
| <input type="checkbox"/> | 3030006 Failed to determine if a hazardous waste is restricted or prohibited from land disposal and has to be treated. 22 CCR 66268.7(a)(1) |
| <input type="checkbox"/> | 3010016 Failure of recycler who recycles more than 100 kilograms per month of a recyclable material to submit the biennial Recyclable Materials Report (RMR) in CERS when claiming exclusion or exemption. HSC 25143.10(a), (c) &/or (d) |
| <input type="checkbox"/> | HMD0149 Failed to keep disposal receipts for drained used oil filters and/or drained fuel filters for 3 years. HSC 25250.22; 22 CCR 66266.130(c)(5) |
| <input type="checkbox"/> | HMD0152 Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2) |
| <input type="checkbox"/> | HMD0140 Failed to have Land Disposal Restriction documentation onsite for 3 years. 22 CCR 66268.7(a)(8) |
| <input type="checkbox"/> | 3250005 Failed to obtain a Treatment, Storage and Disposal Facility (TSDF) permit or authorization to store/treat/dispose of hazardous waste. HSC 25201(a) |
| <input type="checkbox"/> | 3050005 Failed to have adequate records demonstrating claim of exemption or exclusion for recyclable materials. HSC 25143.2(f) |
| <input type="checkbox"/> | HMD0142 Failed to notify the CUPA in CERS for onsite hazardous waste treatment/tiered permitting. HSC 25201(a) |
| <input type="checkbox"/> | HMD0138 Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a); HSC 25185(a)(4) |
| <input type="checkbox"/> | 3010035 Failure to annually submit notification of generator's intent to remotely consolidate hazardous waste. HSC 25110.10(d) |

DISPOSAL AND TRANSPORTATION

- | # | <u>VIOLATION DESCRIPTION</u> |
|--------------------------|---|
| <input type="checkbox"/> | 3010007 Failed to prepare a hazardous waste manifest for the transport of a waste for off-site transfer, treatment, storage, or disposal. HSC 25160(b)(1) or (2), 25160.2(b)(9); 22 CCR 66262.20(a) |
| <input type="checkbox"/> | 3030005 Failed to make a proper waste determination. 22 CCR 66262.11, 66262.40(c) |
| <input type="checkbox"/> | 3050001 Failed to use a DTSC registered hazardous waste transporter to transport hazardous waste. HSC 25163(a) |
| <input type="checkbox"/> | 3050002 Failed to properly dispose of hazardous waste at an authorized facility. HSC 25189.5(a) |
| <input type="checkbox"/> | HMD0308 Impermissible dilution of hazardous waste. 22 CCR 66268.3(a) |
| <input type="checkbox"/> | HMD0305 Disposed of used oil illegally. HSC 25250.5(a), 25189.5(a) |
| <input type="checkbox"/> | HMD0306 Failed to properly dispose of oil-based paint &/or hazardous waste latex paint liquid. HSC 25217.1, 25189.5(a) |

STORAGE AND HANDLING

- | # | <u>VIOLATION DESCRIPTION</u> |
|--------------------------|--|
| <input type="checkbox"/> | 3030001 Failed to meet the management requirements when handling or storing spent lead-acid batteries. 22 CCR 66266.81(a) |
| <input type="checkbox"/> | 3030003 Failed to properly manage 'damaged' spent lead acid batteries so as to minimize the release of acid and lead and to protect the handlers and the environment. 22 CCR 66266.81(b) |
| <input type="checkbox"/> | 3030004 Failure to properly manage used oil filters and/or fuel filters in accordance with the requirements. HSC 25250.22; 22 CCR 66266.130 |
| <input type="checkbox"/> | 3050004 Generator intentionally contaminated used oil with another hazardous waste other than minimal amounts of fuel. HSC 25250.7(a), (c) |
| <input type="checkbox"/> | HMD0222 Failed to properly label Excluded Recyclable Materials (ERM) accumulated in a container or tank. HSC 25143.9(a) |
| <input type="checkbox"/> | HMD0216 Failed to label hazardous material container within 10 days after the container was discovered to be mislabeled or inadequately labeled. HSC 25124(b)(3)(A); 22 CCR 66262.34(f) |
| <input type="checkbox"/> | HMD0217 Failed to repackage and properly label damaged/deteriorated hazardous material container within 96 hours. HSC 25124(b)(3)(B); 22 CCR 66262.34(f) |
| <input type="checkbox"/> | HMD0219 Failed to properly segregate used oil &/or fuel drained from filters. HSC 25250.22(b)(4); 22 CCR 66266.130(c)(6) |
| <input type="checkbox"/> | 3030057 Failed to comply with hazardous waste satellite container regulation. 22 CCR 66262.34(e) |
| <input type="checkbox"/> | HMD0023 Failed to properly empty container, failed to manage non-empty container, or inner liner removed from a container. 22 CCR 66261.7(b), (d), (e) &/or (r) |



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Hazardous Materials and Hazardous Waste (continued)

- 3030058 Failed to mark date on empty container larger than 5 gallons &/or manage it within one year. 22 CCR 66261.7(f)
- 3030060 Failure of the owner or operator managing laboratory hazardous waste in a laboratory accumulation area to comply with the accumulation, storage, management, training, and/or record-keeping requirements. HSC 25200.3.1(b) and/or (c)

UNIVERSAL WASTE HANDLER REQUIREMENTS

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> 3010004 | Failed to obtain a California ID Number from DTSC or federal ID Number from USEPA prior to accumulating 5,000 kgs or more of Universal Waste. 22 CCR 66273.32(a-b) |
| <input type="checkbox"/> HMD0151 | Failed to maintain universal waste handler training records for 3 years. 22 CCR 66273.36(c),(d) |
| <input type="checkbox"/> 3020003 | Failed to properly train handlers of universal waste in universal waste management and response procedures. 22 CCR 66273.36(a),(b) |
| <input type="checkbox"/> 3030008 | Failed to properly label or mark Universal Waste container, package, or pallet (excluding CESQUWG) 22 CCR 66273.34 |
| <input type="checkbox"/> 3030011 | Failed to properly dispose of Universal Waste within one year. 22 CCR 66273.35(a) &/or (b) |
| <input type="checkbox"/> HMD0147 | Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2) |
| <input type="checkbox"/> 3030051 | Failed to meet accumulation, labeling, marking, &/or containment standards for Universal Waste aerosol containers. HSC 25201.16(f) |
| <input type="checkbox"/> 3040004 | Failed to manage universal waste in a manner to prevent release(s) to the environment. 22 CCR 66273.33; 66273.33.5 |
| <input type="checkbox"/> HMD0307 | Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a); 22 CCR 66273.31(a), 66273.8(b) |
| <input type="checkbox"/> 3010005 | Failure of a universal handler of electronic devices or CRTs from an offsite source to notify DTSC 30 days prior to acceptance. 22 CCR 66273.32(c) |
| <input type="checkbox"/> 3010020 | Failure of a universal waste handler to submit an annual report that includes all required information to DTSC by February 1 of every year . 22 CCR 66273.32(d) |
| <input type="checkbox"/> 3010006 | Failure of the universal waste handler who sends electronic devices or CRTs to any foreign destination to notify DTSC 60 days prior to export and send a copy to the CUPA. 22 CCR 66273.40(a)(3) |

CERTIFIED APPLIANCE RECYCLER REQUIREMENTS

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> 3010033 | Failure to obtain Certified Appliance Recycler certification (CAR) from DTSC. HSC 25211.4 |
| <input type="checkbox"/> 3010034 | Failure of certified appliance recycler (CAR) to provide documentation that all materials that require special handling (MRSH) have been properly removed and managed. HSC 25211.2, 25211.3 |
| <input type="checkbox"/> 3030055 | Failure of certified appliance recycler (CAR) to properly remove and dispose of all materials that require special handling (MRSH). HSC 25211.3, 25212 (a), (b), and/or (c) |

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Medical Waste Generators

Each violation checked below is for the section(s) of the California health and Safety Code (HSC), California Code of Regulation (CCR), or the San Diego County Code (SDCC) indicated in italics. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. UPF = Unified Program Facility; MW = Medical Waste; USPS = United States Postal Service; DOT = Department of Transportation

MEDICAL WASTE GENERATORS

STORAGE AND LABELING

#	VIOLATION DESCRIPTION
<input type="checkbox"/> HMD4201	UPF Permit not obtained. HSC 117705, SDCC 68.904; 68.905; 68.906; 68.907.1; 68.1202
<input type="checkbox"/> HMD4216	Failed to submit or report in CERS chemical inventory information for hazardous waste and/or medical waste, and keep up to date. SDCC 68.904(a)(2)
<input type="checkbox"/> HMD4202	Medical waste (MW) not separated from other waste at the point of origin. HSC 118275
<input type="checkbox"/> HMD4203	Enclosure or designated accumulation area for MW containers not secured. HSC 118307, 118310
<input type="checkbox"/> HMD4204	MW designated accumulation area not posted with an approved, legible biohazardous waste "warning sign" in English & Spanish or in another language, in addition to English which can be read from a distance of at least 25 feet. HSC 118310
<input type="checkbox"/> HMD4205	Medical SOLID WASTE not secured to deny access to unauthorized persons. SDCC 68.1211
<input type="checkbox"/> HMD4206	Leak or spill of MW not properly decontaminated. HSC 118300
<input type="checkbox"/> HMD4207	Sharps not stored in approved container or labeled with the words "sharps waste" or with the international biohazard symbol and the word "BIOHAZARD". HSC 118285(a) & (d)
<input type="checkbox"/> HMD4208	Full sharps container not taped closed or tightly-lidded to preclude loss of contents. HSC 118285(b)
<input type="checkbox"/> HMD4209	Primary containers accumulating MW not labeled with an electronic tracking system label or a label with generator's name, address and phone number. SDCC 68.1205
<input type="checkbox"/> HMD4210	Medical waste not stored in approved and properly marked biohazard bags. HSC 118275(a)
<input type="checkbox"/> HMD4211	Biohazard bags not tied off to prevent leakage or expulsion of contents during storage and handling. HSC 118280(a)
<input type="checkbox"/> HMD4212	Biohazardous bags not containerized in rigid, leak resistant, and covered containers or bins when placed for storage, handling, or transport. HSC 118280(c)
<input type="checkbox"/> HMD4213	Waste container or bin not labeled with the words "Biohazardous Waste" or with the international biohazard symbol and the word "BIOHAZARD" on the lid and sides. HSC 118280(c)
<input type="checkbox"/> HMD4214	Reusable containers or bins for MW storage not thoroughly washed and decontaminated and maintained in a clean and sanitary manner. HSC 118295, 118305
<input type="checkbox"/> HMD4215	Frozen (0°C/32°F) biohazardous waste stored for more than 90 days. HSC 118280(e)(2)
<input type="checkbox"/> HMD4306	Full sharps container stored more than 30 days at >0°C. HSC 118285(c)
<input type="checkbox"/> HMD4307	Biohazard bag waste stored more than 7 days at >0°C (for generators of 20 or more pounds a month). HSC 118280(e)(1)(A)
<input type="checkbox"/> HMD4308	Biohazard bag waste stored >30 days at >0°C (for generators of <20lbs/month). HSC 118280(e)(1)(B)
<input type="checkbox"/> HMD4219	MW interim storage area not marked with warning signs or international biohazard symbol legible from a distance of 5 feet. HSC 118307, 118310
<input type="checkbox"/> HMD4220	MW interim storage area not properly secured. HSC 118307

TREATMENT AND DISPOSAL

#	VIOLATION DESCRIPTION
<input type="checkbox"/> HMD4251	MW treated by unapproved method/procedure. HSC 118215
<input type="checkbox"/> HMD4252	Standard written operating procedures for steam sterilization not established. HSC 118215(a)(2)(A)
<input type="checkbox"/> HMD4253	Recording thermometer not calibrated annually. HSC 118215(a)(2)(B)
<input type="checkbox"/> HMD4254	No records of annual thermometer calibration checks onsite for at least the past 2 years. HSC 118215(a)(2)(B)
<input type="checkbox"/> HMD4255	Heat-sensitive tape or other approved method not used for each load treated onsite. HSC 118215(a)(2)(C)
<input type="checkbox"/> HMD4256	Monthly biological indicator or other approved indicator not used to confirm proper sterilization. HSC 118215(a)(2)(D)
<input type="checkbox"/> HMD4257	Onsite steam sterilization did not reach 121° C (250° F) for at least 30 minutes. HSC 118215(a)(2)(B)
<input type="checkbox"/> HMD4258	Treatment records or logs of dates, time, and temperature not maintained for at least 2 years. HSC 118215(a)(2)(E)
<input type="checkbox"/> HMD4259	Disposal of untreated MW to an unauthorized point. HSC 118340

TRANSPORTATION REQUIREMENTS

#	VIOLATION DESCRIPTION
<input type="checkbox"/> HMD4260	Transportation of MW without State Hauler Registration, USPS or requirements of the DOT "Materials of Trade Exceptions." HSC 118025
<input type="checkbox"/> HMD4311	Medical waste tracking documents or logs not in vehicle transporting medical waste. HSC 118040(a)
<input type="checkbox"/> HMD4313	Medical waste tracking documents or logs not complete. HSC 118040(b)

SMALL QUANTITY GENERATORS ONLY

(<200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

#	VIOLATION DESCRIPTION
<input type="checkbox"/> HMD4301	Medical Waste Management Plan (MWMP) not submitted to HMD (initial/updates), if onsite treatment. HSC 117935
<input type="checkbox"/> HMD4302	Did not maintain and show proof of "onsite" medical waste treatment records for 3 years. HSC 117943
<input type="checkbox"/> HMD4303	Did not maintain on file disposal receipts, tracking or shipping documents for medical waste shipped offsite for at least 3 years. HSC 117945
<input type="checkbox"/> HMD4309	MWMP or equivalent information not onsite (only for SQG doing onsite treatment or comply with pharmaceutical waste hauling exemption). HSC 117935, 118032
<input type="checkbox"/> HMD4310	Did not meet the requirements of the pharmaceutical waste hauling exemption. HSC 118032

LARGE QUANTITY GENERATORS ONLY



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Medical Waste Generators (continued)

(>= 200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> HMD4351 | MWMP not submitted to HMD (initial/updates) or incomplete. HSC 117960, 117970 |
| <input type="checkbox"/> HMD4352 | Records of medical waste treatment not available for 2 years. HSC 117975, 118215(a)(2)(E) |
| <input type="checkbox"/> HMD4353 | Did not make available disposal receipts, tracking or shipping documents for at least 2 years for medical waste shipped offsite. HSC 117975 |

LOG MW ONSITE TREATMENT FACILITY

(>= 200 POUNDS OF MEDICAL WASTE GENERATED PER MONTH)

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|---|
| <input type="checkbox"/> HMD4501 | Onsite MW treatment permit not obtained or renewed. HSC 117950, 118130; CCR 65620, 65623 |
| <input type="checkbox"/> HMD4502 | Current copy of the MW treatment permit not available. HSC 118165, 118180; CCR 65621(f), 65623 |
| <input type="checkbox"/> HMD4503 | Condition(s) of the MW treatment permit violated. CCR 65623 |
| <input type="checkbox"/> HMD4504 | Operators who treat medical waste not trained in proper equipment use, proper protective equipment to wear and if necessary, proper cleanup of spills.
HSC 117967(a) |
| <input type="checkbox"/> HMD4505 | Initial and/or annual training for operators that treat medical waste not provided. HSC 117967(b) |
| <input type="checkbox"/> HMD4506 | Initial and/or annual training documentation for operators that treat medical waste not available for two years. HSC 117967(c) |

CHEMOTHERAPY, PATHOLOGY, PHARMACEUTICAL HAZARDOUS & UNIVERSAL WASTES

- | # | <u>VIOLATION DESCRIPTION</u> |
|----------------------------------|--|
| <input type="checkbox"/> HMD4401 | Trace chemotherapy waste not segregated from other MW. HSC 118275(a)(4) |
| <input type="checkbox"/> HMD4402 | Trace chemotherapy waste container not labeled "Chemotherapy Waste" or "CHEMO" on the lid and the sides. HSC 118275(a)(4) |
| <input type="checkbox"/> HMD4403 | Illegal disposal of chemotherapy waste. HSC 118340 |
| <input type="checkbox"/> HMD4411 | Pathology waste not segregated from other MW. HSC 118275(a)(5) |
| <input type="checkbox"/> HMD4412 | Pathology waste container not labeled "Pathology Waste" or "PATH" on the lid and the sides. HSC 118275(a)(5) |
| <input type="checkbox"/> HMD4413 | Illegal disposal of pathology waste. HSC 118340 |
| <input type="checkbox"/> HMD4421 | Pharmaceutical waste not segregated from other MW. HSC 118275(a)(6) |
| <input type="checkbox"/> HMD4422 | Pharmaceutical waste not labeled "HIGH HEAT" or "INCINERATION ONLY" on the lid and the sides. HSC 118275(a)(6) |
| <input type="checkbox"/> HMD4423 | Pharmaceutical waste stored more than 90 days when container is full, or stored longer than one year (maximum allowable time). HSC 118280(f) |
| <input type="checkbox"/> HMD4432 | Illegal disposal of pharmaceutical waste. HSC 118340, 118222(b) |
| <input type="checkbox"/> HMD4441 | Disposal of photo/hazwaste to an unauthorized point. HSC 25189.5 |
| <input type="checkbox"/> HMD0147 | Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2) |
| <input type="checkbox"/> HMD0307 | Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a), 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a), 66273.8(b) |

HM-9255 MW (06-17)



COUNTY OF SAN DIEGO

CORRECTIVE ACTION FORM TO DOCUMENT RETURN TO COMPLIANCE

FACILITY NAME: BioAtla, LLC
 ADDRESS: 11085 TORREYANA RD
 CITY/ZIP: SAN DIEGO / 92121-1104

INSPECTION DATE: 05/21/2021
 RECORD ID #: DEH2018-HUPFP-004327
 SPECIALIST: Aisha Daniel
 INSPECTION CONTACT: Charles Xing
 TITLE: Scientist
 PHONE: (858) 558-0708
 E-MAIL: cxing@bioatla.com

VIOL#	DATE CORRECTED	INDICATE HOW VIOLATIONS WERE CORRECTED (Attach Any Supporting Documentation)	DUE DATE
#1 1010008			06/20/2021
#2 1010004			06/20/2021
#3 3030007			06/20/2021
#4 1010005			06/20/2021

I certify under penalty of law that this facility has corrected all violations marked on the Compliance Inspection Report/Notice of Violation. I have personally examined and am familiar with the information submitted and believe the information is true, accurate and complete. I am authorized to file this certification for the facility, and am aware that there are significant penalties for submitting false information.

PRINTED NAME OF FACILITY REPRESENTATIVE	SIGNATURE	DATE SIGNED
TITLE OF FACILITY REPRESENTATIVE		

SEND COMPLETED FORM AND SUPPORTING DOCUMENTATION TO THE ADDRESS LISTED BELOW

COUNTY OF SAN DIEGO USE ONLY

REVIEWED BY: _____ DATE: _____

SPECIALIST'S COMMENTS:

- All violations noted on date listed above were corrected
- Based On Information Provided By The Facility RTC entered by Specialist on: _____
- Based On Field Verification By Specialist RTC entered by Office Assistant on: _____

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
<http://www.sdcdeh.org> 858-505-6880



11/9/98

October 30, 1998
ENV- 2998

Mr. David Felix
Site Assessment and Mitigation
Department of Health Services
Environmental Health Protection
County of San Diego
P.O. Box 85261
San Diego, CA 92101

Subject: Groundwater Sampling and Analysis Performed July 8, 1998 at General Atomics (GA), Building 37 - EPA Identification No. CAD 066 638 957

Dear Mr. Felix:

Enclosed please find a copy of the October 15, 1998 Tetra Tech EM₄ Inc. report documenting groundwater sampling completed in July 1998 near General Atomics' (GA's) Building 37. As you will see in the report, chemical concentrations have remained fairly stable since the February 1995 sampling event.

It is anticipated that a work plan for additional investigation near the source area at Building 37 will be prepared within four-six weeks. When that work plan is available, a copy will be sent to you.

We sincerely appreciate the help you have given us in the past. If you have any questions or comments on our planned activities, we would again appreciate your input. You may call me at (619) 455-2823.

Very truly yours,

A handwritten signature in blue ink that reads "Keith E. Asmussen".

Dr. Keith Asmussen, Director
Licensing, Safety and Nuclear Compliance

cc: Walter Bahm, DTSC
Rod Reeve, Tetra Tech EM Inc. (w/o report)
Jill P. Slater, Ph.D., General Atomics (w/o report)



Tetra Tech EM Inc.

591 Camino De La Reina, Suite 640 ♦ San Diego, CA 92108 ♦ (619) 718-9676 ♦ FAX (619) 718-9698

October 15, 1998

re: n/a/as

Ms. Jill Slater
General Atomics
1772 Picasso Avenue, Suite B
Davis, California 95616

**Subject: Groundwater Sampling and Analysis, Building 37, General Atomics
San Diego, California**

Dear Ms. Slater:

Tetra Tech EM Inc. (Tetra Tech) has prepared this report presenting groundwater monitoring data obtained during groundwater sampling activities conducted at General Atomics Building 37, located on Flintkote Street, San Diego, California (Figure 1, Attachment A). At the request of General Atomics, Tetra Tech collected groundwater samples from five monitoring wells (MW-102, MW-401, MW-902, MW-905, and MW-901) on July 8, 1998 (Figure 2). Groundwater samples were sent for laboratory analysis; this report summarizes the groundwater sampling activities performed and the laboratory analytical results.

BACKGROUND

In September of 1994, Geocon Environmental (Geocon) installed seven monitoring wells and performed subsequent groundwater sampling at the site. The groundwater analytical data collected by Geocon indicated the presence of volatile organic compounds (VOCs) in five of the seven monitoring wells. Barrett Consulting Group (Barrett) was later contracted by General Atomics to conduct confirmation sampling of the seven monitoring wells. On February 15 and 16, 1995 Barrett collected groundwater samples from the seven monitoring wells; analytical results indicated the presence of VOCs in five of the seven monitoring wells. Concentrations of trichloroethane (TCE) ranged from 44,000 micrograms per liter ($\mu\text{g/l}$) in monitoring well MW-102 to 33 $\mu\text{g/l}$ in MW-905. Table 1 in Attachment B summarizes the historical results for all VOCs previously detected in groundwater samples collected from the site.

FIELD ACTIVITY

Field activities were conducted on July 8, 1998. Five groundwater monitoring wells were purged using a stainless steel submersible pump, disposable hand bailers, and a peristaltic pump. Once on site, a pre-sampling meeting was held and covered health and safety issues, a review of sampling protocol, decontamination procedures, and the order in which the wells were to be sampled; the well with the lowest historical contaminant concentrations was sampled first and the well with the highest historical contaminant concentration was sampled last. Based on the analytical results of groundwater samples collected by Barrett in February of 1995, the following monitoring well sampling order was proposed: MW-901, MW-902, MW905, MW-401, and MW102. Upon completion of the pre-sampling meeting, well covers were removed from each well and a H-Nu Systems Inc. Photoionization detector (PID) was used to monitor for organic vapors at the well head and breathing zone. No measurable concentrations of

organic vapors were detected above the background concentration of 1 part per million (ppm) in four of the five monitoring wells. An initial measured concentration of 2 ppm was detected at the well head of MW-902; by the time the well was sampled no detectable concentrations of organic vapors were detected at this monitoring well. Following organic vapor monitoring, depth-to-groundwater and well depth measurements were collected from each well and the volume of water within each well casing was calculated. A summary of depth-to-groundwater, total measured well depth, and well volumes is presented in Table 2 of Attachment B. The following is a description of purging and sampling activities at each well.

Purging

Tetra Tech set-up on MW-901 at approximately 0900 to begin purging three well casing volumes (approximately 18 gallons) of groundwater from the well into a Department-of-Transportation (DOT) rated 55-gallon drum. General Atomics supplied a DOT rated 55-gallon drum at each well location. One well casing volume was calculated at approximately 6 gallons (see Table 2 in Attachment A). The well was purged with a stainless steel submersible pump from a dedicated discharge line; purging procedures were in general conformance with Tetra Tech's standard operating procedures (SOPs) for groundwater sampling, and the County of San Diego Site Assessment and Mitigation (SA/M) Manual. Prior to purging, the submersible pump and associated electrical line was thoroughly decontaminated in a three-step decontamination procedure. The procedure included washing with Alconox detergent and deionized water, rinsing with tap water, and a final rinse with deionized water. The well was then pumped at 0.5 gallons per minute (gpm). The water level within the well was periodically drawn down below the pump intake requiring the pump to be shut down to allow the well to recharge. At 0.5 gpm and allowing the well to periodically recharge, purging 18 gallons of groundwater required approximately 2 hours. During purging, Tetra Tech used a Horiba U-10 Water Quality meter to monitor the following parameters: dissolved oxygen, pH, temperature, specific conductance, turbidity, and salinity. Throughout purging, the groundwater did not appear turbid or contain organic debris. Water quality parameters stabilized within 10 percent during the removal of 18 gallons of groundwater. Table 3 in Attachment B summarizes groundwater quality parameters. Groundwater sampling data sheets are included in Attachment C.

At 0940 Tetra Tech began purging three well casing volumes (approximately 13 gallons) of groundwater from MW-902 using a disposable hand bailer. One well casing volume was calculated at approximately 4.2 gallons. During purging, plant roots were recovered from the well. In addition, throughout the purging processes the groundwater remained highly turbid; turbidity as measured by the water quality meter increased from beginning to end of purging with final measurements over the detectable range of the meter. All other water quality parameters were stabilized within 10 percent during the removal of 13 gallons of groundwater. Purging 13 gallons with the disposable hand bailer required approximately 2 hours. Table 3 in Attachment B summarizes groundwater quality parameters. Groundwater sampling data sheets are included in Attachment C.

At 1135 Tetra Tech began purging three well casing volumes (approximately 13.5 gallons) of groundwater from MW-905. Tetra Tech calculated one well casing volume to be approximately 4.5 gallons. Groundwater was purged at a rate of approximately 0.08 gpm using a peristaltic surface pump with dedicated downhole and discharge lines. With a purging rate of approximately 0.08 gpm, the time required to purge 13 gallons was approximately 2 hours 45 minutes. Water levels within MW-905 were not drawn down sufficiently enough at any point during purging to require the pump to be shut down in

order to allow the well to recharge. Water quality parameters were monitored during purging process. The groundwater initially appeared clear and remained visually clear throughout purging, with no organic debris encountered in the monitoring well. In addition, measured water quality parameter stabilized within 10 percent during the removal of 13 gallons of groundwater. Table 3 in Attachment B summarizes groundwater quality parameters. Groundwater sampling data sheets are included in Attachment C.

At 1220 Tetra Tech began purging three well casing volumes (approximately 21 gallons) of groundwater from MW-401. One well casing volume was calculated at approximately 7 gallons. The well was purged with a stainless steel submersible pump with a dedicated discharge line. Prior to purging the pump was thoroughly decontaminated using the same decontamination procedures described above. The purging rate was approximately 0.25 gpm. Within 20 minutes the water level within the well was drawn down below the pump intake and the pump was shut down to allow the well to recharge. Due to the slow recharge of the well, only 9 gallons of groundwater was removed from the well by 1405. Water quality parameters were monitored during purging process. The groundwater initially appeared slightly turbid, with turbidity increasing after the water level was drawn down below the pump intake. No organic debris were observed during the purging process. Table 3 in Attachment B summarizes groundwater quality parameters. Groundwater sampling data sheets are included in Attachment C. It should be noted that the specific conductance units are not in micromhos per centimeter ($\mu\text{mhos/cm}$), as noted on the forms, but in millimhos/cm. Specific conductance is presented in $\mu\text{mhos/cm}$ in Table 3.

The decision to purge only 9 gallons was made after the County of San Diego Department of Environmental Health inspector for this project, Dave Felix, was contacted by the Tetra Tech project manager, Rod Reeve. Mr. Reeve contacted the county to get concurrence on purging only one well casing volume. Mr. Felix stated that one well casing volume was sufficient for purging as long as the well recharged 80 percent of its initial volume before sampling.

At 1308 Tetra Tech began purging three well volumes (approximately 27 gallons) of groundwater from MW-102 using a disposable plastic bailer. One well casing volume was calculated at 8.8 gallons. During purging, groundwater appeared clear with no organic debris recovered with the bailer. Having received concurrence from Dave Felix concerning purging less than three volumes, purging of the well was terminated at 1410 after the removal of approximately 14 gallons (approximately 1.5 volumes). Water quality parameters were stabilized within 10 percent during removal of 14 gallons. Table 3 in Attachment B summarizes groundwater quality parameters. Groundwater sampling data sheets are included in Attachment C.

Sampling

Following purging of the five monitoring wells, each well was returned to in the order it was purged and sampled with a disposable plastic bailer. Prior to sampling, groundwater elevations were measured to assess if the wells had recharge to at least 80 percent of their original elevation (see Table 2 in Attachment A for depth to groundwater data). All pre-sampling elevations were within 10 percent of their original elevations.

Samples were collected in appropriate containers, labeled and delivered chilled to Calscience Environmental Laboratories, Inc. and Environmental Engineering under proper chain-of-custody documentation. Samples sent to Calscience Environmental Laboratories were analyzed for volatile

organic compounds (VOCs) using Environmental Protection Agency (EPA) Method 8021B, total nitrogen using EPA Method 351.3, and general minerals using EPA Method 300.0. Included in the general minerals analysis were the following analyses and associated methods: surfactants, EPA Method 425.1; specific conductance, EPA Method 120.1; hardness concentration, EPA Method 130.2; pH, EPA Method 150.1; total alkalinity, bicarbonate concentration, and carbonate concentration using Standard Method (SM) 2320B; total dissolved solids (TDS), EPA Method 160.1; and copper, zinc, calcium, iron, magnesium, manganese, potassium, and sodium using EPA Method 6010A. Samples sent to Environmental Engineering were analyzed for total fecal coliform SM 9221E. General minerals and fecal coliform analysis was conducted to assess the potential for a sewer leak into the groundwater. A copy of the analytical results and chain-of-custody documentation are included in Attachment D to this report.

The groundwater levels obtained on July 8, 1998, within MW-901, MW-905, and MW-401 were used to assess the site groundwater gradient direction and magnitude. Using a triangulation between these three monitoring wells, a resultant gradient was calculated to be approximately 0.0024 feet per foot (ft/ft) in a north-northeast direction (Figure 3). In addition, groundwater elevation data for this sampling event depicts a localized high in the vicinity of MW-102. This groundwater high point was also observed by Geocon during their December 1, 1994, groundwater monitoring event.

Groundwater analytical results from MW-102 indicate the highest concentrations of VOCs detected in the five monitoring wells sampled at the site. Analytical results indicated concentrations of the following compounds at or above the laboratory reporting limits: trichlorofluoromethane (TCFM [50 µg/l]); 1,1-dichloroethene (1,1-DCE [90 µg/l]); methylene chloride (MeCL [55 µg/l]); 1,1-dichloroethane (1,1-DCA [5 µg/l]); *c*-1,1-dichloroethene (*c*-1,2-DCE [1 µg/l]); chloroform (ClFM [80 µg/l]); carbon tetrachloride (1 µg/l); trichloroethene (TCE [59,000 µg/l]); tetrachloroethene (PCE [310 µg/l]); and toluene (1.7 µg/l).

Groundwater analytical results for MW-401 indicate VOC concentrations of TCFM (21 µg/l), 1,1-DCE (19 µg/l), 1,1-DCA (8 µg/l), TCE (210 µg/l), PCE (59 µg/l), and toluene (0.8 µg/l). MW-902 and MW-905 indicated VOC concentrations of TCFM (1 and 5 µg/l), 1,1-DCE (6 and 10 µg/l), TCE (60 and 52 µg/l), and PCE (18 and 31 µg/l), respectively. TCE at 5 µg/l was the only VOC detected from MW-901 above the laboratory reporting limit. Total fecal coliform was not detected above the laboratory reporting limits or method detection limits in any of the samples. Table 1 in Attachment B summarizes the analytical results for VOCs. Table 4 summarizes the additional analyzed parameters mentioned above.

Quality Assurance/Quality Control Samples

Quality assurance/quality control (QA/QC) samples were collected and analyzed to evaluate the quality and accuracy of field sampling and laboratory methods. Field QA/QC samples included an equipment blank, field blank, and trip blank. Laboratory QA/QC samples included a method blank, a matrix spike/matrix spike duplicate (MS/MSD), and laboratory control sample (LCS). Neither the field blank, equipment blank, or trip blank indicated concentrations of VOCs above the laboratory reporting limits. The LCS had recoveries within the laboratory accepted QC limits of a known spiked compound. The MS/MSD sample had recoveries of known spiked compounds between 88 and 113 percent with relative percent differences of 9 to 12 percent. The high recoveries of the LCS and the MS/MSD indicate that laboratory methods and matrix interference is not likely to have biased the data high or low.

CONCLUSIONS

Based on the results of groundwater monitoring and sampling conducted by Tetra Tech on July 8, 1998, groundwater gradient and direction of flow, along with analytical results appear to generally support the findings of previous groundwater sampling events at the site. Groundwater gradient is approximately 0.0024 ft/ft in the north-northeast direction, towards Soledad Valley.

Total dissolved solids data indicate that monitoring wells MW-101 and MW-901 contained saline water and the remaining wells contained brackish water. This is based on the assumption that TDS concentrations for brackish water range from 1,000 to 10,000 milligrams per liter (mg/l), and TDS concentrations for saline water range from 10,000 to 100,000 mg/l (Freeze and Cherry 1979). *NO 101!*

TCE was detected in all five monitoring wells with the highest concentration in MW-102 (59,000 µg/l). This concentration represents the highest detected concentration in MW-102 to date. The concentration of TCE detected in monitoring well MW-401 is substantially higher than concentrations detected previously (a previous concentration range of 41 to 78 µg/l to the current reported concentration of 210 µg/l). Concentrations of TCE in monitoring wells MW-902, and MW-905 are within the range of detected concentrations from previous investigations; concentrations of TCE in MW-901 have increased from less than 1 µg/l to 5 µg/l.

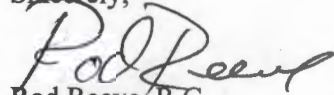
In addition, analytical results indicate that nitrogen dissolved in the groundwater at the site is predominantly in the form of nitrate (NO₃⁻). Nitrate concentrations range from 3.3 mg/l to 65.8 mg/l with the highest concentration reported in MW-901. Nitrate is the main form in which nitrogen occurs in groundwater; the other forms are nitrite (NO₂⁻), ammonium (NH₄⁺), ammonia (NH₃), nitrogen (N₂), nitrous oxide (N₂O), and organic nitrogen. Nitrite was not detected in any of the sampled wells above laboratory method detection limits. Although nitrate in groundwater is typically caused from man-made sources (agricultural activities, sewage [Freeze and Cherry 1979]), the absence of fecal coliform in the groundwater (results below the laboratory method detection limit of 2 MPN [most probable number]), and MBAS results below the laboratory detection limits of 0.1 mg/l suggest that the nitrate concentrations are not the result of a nearby discharge of sewage from a sanitary sewer line.

Other parameters such as, specific conductance, total dissolved solids, hardness, total alkalinity, bicarbonate, chloride, sulfate, sodium, magnesium, and manganese are respectively higher in monitoring well MW-901 than they are in the other wells sampled during this sampling event. In addition, the groundwater elevation in MW-901 is approximately 0.5 feet higher than the groundwater elevations in MW-902, and MW-905 (these three monitoring wells are located along the eastern boundary of the site). The discrepancies between MW-901 and other monitoring wells, especially MW-902 and MW-905, may be associated with geologic conditions such as faults and other natural groundwater barriers. At neutral pH values, the detected concentrations of the metals most likely reflect the presence of soil particles in the samples (the soil samples were not filtered prior to digestion and analysis). Geochemical discrepancies may also be impacted by the different purging procedures used during the sampling event (submersible pump, disposable bailers, and surface pump) in MW-901, MW-902, and MW-905, respectively.

Ms. Slater
October 6, 1998
Page 6

If you have any questions, please contact me at (619) 718-9676.

Sincerely,



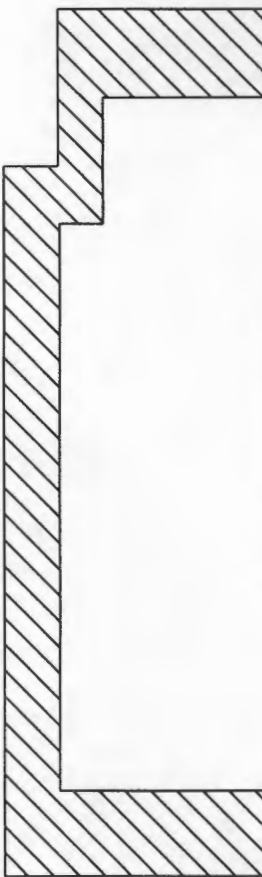
Rod Reeve, R.G.
Project Manager
Attachments (2)

Reference: Freeze, Allen, and Cherry, John. 1979. *Groundwater*. Prentice-Hall, Inc. Englewood Cliffs, New Jersey, pages 84 and 413 to 416.

ATTACHMENT A
FIGURES

SOURCE: DEL MAR QUADRANGLE 1967
SCALE: 1:24,000





ASPHALT PARKING LOT

GECC 904
(ABANDONED)
1.65 (2-12-95)

GECC 903
(ABANDONED)
3.510 (2-12-95)

GECC 102
5.09 100

GECC 901
S

FLINTKOTE STRE

SOURCE: MODIFIED FROM GEOCON ENVIRONMENTAL CONSULTANTS INCORPORATED.

ASPHALT PARKING LOT

FLINTKOTE STREET

GECC 102
23.97'

22.90'

22.70'

GECC 901
22.67'

22

SOURCE: MODIFIED FROM GEOCON ENVIRONMENTAL CONSULTANTS INCORPORATED.

**ATTACHMENT B
TABLES**

TABLE 1. Summary of Analytical Results from Building 37 Groundwater Investigations
 General Atomics, San Diego, California

Description	Date Collected	Lab	Sample ID	Compounds Detected, µg/L												
				TCE	PCE	1,1-DCE	1,1-DCA	1,2-DCA	TCFM	CLFM	MeCl	Toluene	c-1,2-DCE	CTET		
Well 102	09-26-94	ATTI	MW-102	48,000	290	<250	<250	<250	<250	<1300	<250	<1300	<500	<250	<250	
	02-16-95	ATTI	MW-102Q	31,000	1,100	<1,000	<1,000	<1,000	<10,000	<1,000	<10,000	<2,500	<1,000	<1,000		
	02-16-95	ATTI	MW-102	27,000	<1,000	<1,000	<1,000	<1,000	<10,000	<1,000	<10,000	<2,500	<1,000	<1,000		
	02-16-95	MBT	MW-102	44,000	1,300	<100	<100	<100	<100	<100	<2,000	5.5	<100	<100		
	02-16-95	MBT	MW-102Q	41,000	1,000	<500	<500	<500	<500	<500	<10,000	11	<500	<500		
	07-08-98	CEL	MW-102	59,000	310	90	5	<1	<1	50	80	55	1.7	1	1	
Well 401	09-27-94	ATTI	MW-401	41	89	13	3	<1	22	<1	<5	24	<1	<1		
	02-16-95	ATTI	MW-401	58	140	20	<4.0	<4.0	<40	<4.0	<40	<10	<4.0	<4.0		
	02-16-95	MBT	MW-401	78	160	20	<5.0	<5.0	33	<5.0	<100	5	<5.0	<5.0		
	07-08-98	CEL	MW-401	210	59	19	8	<1	21	<1	<5	0.8	<1	<1		
	09-26-94	ATTI	MW-901	<1	<1	<1	<1	<1	<5	<1	<5	<2	<1	<1		
	02-15-95	ATTI	MW-901	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<0.20	<2.0	NM	<0.20	<0.20		
Well 901	02-15-95	MBT	MW-901	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	NM	<0.50	<0.50		
	07-08-98	CEL	MW-901	5	<1	<1	<1	<1	<1	<1	<5	<0.3	<1	<1		
	07-08-98	CEL	MW-901-D	5	<1	<1	<1	<1	<1	<1	<5	<0.3	<1	<1		
	09-26-94	ATTI	MW-902	44	29	4	<1	<1	<5	<1	<5	3	<1	<1		
	02-16-95	ATTI	MW-902	32	19	3.3	<1.0	<1.0	<10	<1.0	<10	<2.5	<1.0	<1.0		
	02-16-95	MBT	MW-902	58	28	3.9	<0.50	1.1	1.7	<0.50	<10	<0.50	<0.50	<0.50		
Well 902	07-08-98	CEL	MW-902	60	18	6	<1	<1	1	<1	<5	<0.3	<1	<1		
	09-26-94	ATTI	MW-903	6,200	<40	<40	<40	<40	<200	<40	<200	<80	<40	<40		
	02-16-95	ATTI	MW-903	2,400	<80	<80	<80	<80	<800	<80	<800	<200	<80	<80		
Well 903	02-16-95	MBT	MW-903	3,500	<5.0	5.7	<5.0	<5.0	<5.0	<5.0	<100	0.63	<5.0	<5.0		

**TABLE 1. Summary of Analytical Results from Building 37 Groundwater Investigations
General Atomics, San Diego, California (continued)**

Description	Date Collected	Lab	Sample ID	Compounds Detected, µg/L											
				TCE	PCE	1,1-DCE	1,1-DCA	1,2-DCA	TCFM	CLFM	MeCl	Toluene	c-1,2-DCE	CTET	
Well 904	09-27-94	ATI	MW-904	<1	<1	<1	<1	<1	<5	<1	<5	<2	<1	<1	
	02-15-95	ATI	MW-904	0.66	<0.20	<0.20	<0.20	<0.20	<2.0	<0.20	<2.0	NM	<0.20	<0.20	
	02-15-95	MBT	MW-904	0.65	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	NM	<0.50	<0.50	
	09-27-94	ATI	MW-905	33	43	8	<1	<1	<5	<1	<5	4	<1	<1	
Well 905	02-16-95	ATI	MW-905	23	29	5.1	<1.0	<1.0	<10	<1.0	<10	<2.5	<1.0	<1.0	
	02-16-95	ATI	MW-905 Duplicate	23	28	4.6	<1.0	<1.0	<10	<1.0	<10	<2.5	<1.0	<1.0	
	02-16-95	MBT	MW-905	75	80	7.1	0.60	<0.50	3.8	<0.50	<10	<0.50	<0.50	<0.50	
	02-16-95	MBT	MW-905 Duplicate	46	46	8.4	0.73	<0.50	4.6	<0.50	<10	<0.50	<0.50	<0.50	
	07-08-98	CEL	MW-905	52	31	10	<1	<1	5	<1	<5	<0.3	<1	<1	
Reference Values - Primary Maximum Contaminant Levels for Drinking Water taken from the 7/95 Compilation of Water Quality Goals, RWQCB:CVR				5	5	6	5	0.5	150	100	5	150	6	0.5	

TABLE 1. Summary of Analytical Results from Building 37 Groundwater Investigations
General Atomics, San Diego, California (continued)

Description	Date Collected	Lab	Sample ID	Compounds Detected, µg/L												
				TCE	PCE	1,1-DCE	1,1-DCA	1,2-DCA	TCFM	ClFM	MeCl	Toluene	c-1,2-DCE	CTET		
QA/QC Samples																
Trip Blank	09-26-94	ATI	GC/MS 9479 (SDGCMS 9479)	<1	<1	<1	<1	<1	<1	<1	<5	<1	<5	<2	<1	<1
	02-15-95	ATI	SDGCVOA 1309	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<0.20	<2.0	<2.0	NM	<0.20	<0.20
	02-16-95	ATI	SDHCVOA 1312	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<0.20	<2.0	<2.0	<0.5	<0.20	<0.20
Equipment Blank	02-16-95	MBT	Trip Blank	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50
	07-08-98	CEL	TB-1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<0.3	<1	<1
	02-16-95	ATI	EQB-216	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	0.39	<2.0	<0.50	<2.0	<0.50	<0.20	<0.20
Ambient Blank	02-16-95	MBT	EQB-216	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50
	02-16-95	ATI	GW EQB 215	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	1.0	2.7	<0.50	<0.50	<0.20	<0.20	
	07-08-98	CEL	EB-1	<1	<1	<1	<1	<1	<1	<1	<5	<0.3	<1	<1	<1	
Field Blank	02-16-95	ATI	MW-102 AB-216	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	1.1	2.8	<0.50	<0.20	<0.20	<0.20	
	02-16-95	MBT	MW-102 AB-216	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	1.0	<10	<0.50	<0.50	<0.50	<0.50	
07-08-98	CEL	FB-1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<0.3	<1	<1		

**TABLE 1. Summary of Analytical Results from Building 37 Groundwater Investigations
General Atomics, San Diego, California (continued)**

NOTES

Data printed in bold script are concentrations at or above listed reference values.
Highlighted entries are data collected during the current sampling event.

ABBREVIATIONS

µg/L	-	micrograms per liter
Lab	-	laboratory
ID	-	identification
TCE	-	trichloroethene
PCE	-	tetrachloroethene
1,1-DCE	-	1,1-dichloroethene
1,1-DCA	-	1,1-dichloroethane
1,2-DCA	-	1,2-dichloroethane
TCFM	-	trichlorofluoromethane
CLFM	-	chloroform
MeCl	-	methylene chloride
c-1,2-DCE	-	cis-1,2-dichloroethene
CTET	-	carbon tetrachloride
ATI	-	Analytical Technologies, Inc.
MBT	-	MBT Environmental Laboratories
CEL	-	Calscience Environmental Laboratories, Inc.
NM	-	not measured
RWQCB	-	Regional Water Quality Control Board
CVR	-	Central Valley Region
QA/QC	-	Quality Assurance / Quality Control

organic compounds (VOCs) using Environmental Protection Agency (EPA) Method 8021B, total nitrogen using EPA Method 351.3, and general minerals using EPA Method 300.0. Included in the general minerals analysis were the following analyses and associated methods: surfactants, EPA Method 425.1; specific conductance, EPA Method 120.1; hardness concentration, EPA Method 130.2; pH, EPA Method 150.1; total alkalinity, bicarbonate concentration, and carbonate concentration using Standard Method (SM) 2320B; total dissolved solids (TDS), EPA Method 160.1; and copper, zinc, calcium, iron, magnesium, manganese, potassium, and sodium using EPA Method 6010A. Samples sent to Environmental Engineering were analyzed for total fecal coliform SM 9221E. General minerals and fecal coliform analysis was conducted to assess the potential for a sewer leak into the groundwater. A copy of the analytical results and chain-of-custody documentation are included in Attachment D to this report.

The groundwater levels obtained on July 8, 1998, within MW-901, MW-905, and MW-401 were used to assess the site groundwater gradient direction and magnitude. Using a triangulation between these three monitoring wells, a resultant gradient was calculated to be approximately 0.0024 feet per foot (ft/ft) in a north-northeast direction (Figure 3). In addition, groundwater elevation data for this sampling event depicts a localized high in the vicinity of MW-102. This groundwater high point was also observed by Geocon during their December 1, 1994, groundwater monitoring event.

Groundwater analytical results from MW-102 indicate the highest concentrations of VOCs detected in the five monitoring wells sampled at the site. Analytical results indicated concentrations of the following compounds at or above the laboratory reporting limits: trichlorofluoromethane (TCFM [50 µg/l]); 1,1-dichloroethene (1,1-DCE [90 µg/l]); methylene chloride (MeCL [55 µg/l]); 1,1-dichloroethane (1,1-DCA [5 µg/l]); c-1,1-dichloroethene (c-1,2-DCE [1 µg/l]); chloroform (ClFM [80 µg/l]); carbon tetrachloride (1 µg/l); trichloroethene (TCE [59,000 µg/l]); tetrachloroethene (PCE [310 µg/l]); and toluene (1.7 µg/l).

Groundwater analytical results for MW-401 indicate VOC concentrations of TCFM (21 µg/l), 1,1-DCE (19 µg/l), 1,1-DCA (8 µg/l), TCE (210 µg/l), PCE (59 µg/l), and toluene (0.8 µg/l). MW-902 and MW-905 indicated VOC concentrations of TCFM (1 and 5 µg/l), 1,1-DCE (6 and 10 µg/l), TCE (60 and 52 µg/l), and PCE (18 and 31 µg/l), respectively. TCE at 5 µg/l was the only VOC detected from MW-901 above the laboratory reporting limit. Total fecal coliform was not detected above the laboratory reporting limits or method detection limits in any of the samples. Table 1 in Attachment B summarizes the analytical results for VOCs. Table 4 summarizes the additional analyzed parameters mentioned above.

Quality Assurance/Quality Control Samples

Quality assurance/quality control (QA/QC) samples were collected and analyzed to evaluate the quality and accuracy of field sampling and laboratory methods. Field QA/QC samples included an equipment blank, field blank, and trip blank. Laboratory QA/QC samples included a method blank, a matrix spike/matrix spike duplicate (MS/MSD), and laboratory control sample (LCS). Neither the field blank, equipment blank, or trip blank indicated concentrations of VOCs above the laboratory reporting limits. The LCS had recoveries within the laboratory accepted QC limits of a known spiked compound. The MS/MSD sample had recoveries of known spiked compounds between 88 and 113 percent with relative percent differences of 9 to 12 percent. The high recoveries of the LCS and the MS/MSD indicate that laboratory methods and matrix interference is not likely to have biased the data high or low.

TABLE 2
SUMMARY OF GROUNDWATER MEASUREMENTS - JULY 8, 1998

Well No.	Date	Time	Elevation of TOC above MSL (feet)	Depth to Groundwater (before purging)	Elevation of groundwater above MSL (feet)	Time	Depth to Groundwater (before sampling)	Elevation of groundwater above MSL (feet)	Well Casing Volume (gallons)
102	7/8/98	8:55	58.95	34.98	23.97	15:55	35.00	23.95	8.8
401	7/8/98	8:45	58.09	34.60	23.49	15:40	34.26	23.83	6.7
901	7/8/98	8:30	34.45	11.78	22.67	14:50	11.78	22.67	5.8
902	7/8/98	8:35	36.49	14.46	22.03	15:05	14.50	21.99	4.2
905	7/8/98	8:40	39.30	17.20	22.10	15:20	17.20	22.10	4.5

Notes:

Depth to groundwater in feet from top of casing

MSL

Mean sea level. Elevations were measured by Baker Land Surveys Inc. after 1/8/98 well head repairs were completed. Elevations were based on 1929 Mean Sea Level Datum established from County of San Diego 200 scale topo maps 266 + 270-1695.

TOC

Top of casing

TABLE 3

GROUNDWATER QUALITY PARAMETERS MEASURED DURING SAMPLE COLLECTION ON JULY 8, 1998

Well No.	Date	PARAMETERS					
		Dissolved Oxygen (mg/L)	pH	Temperature (°C)	Specific Conductance (umhos/cm)	Turbidity (NTU)	Salinity (%)
102	7/8/98	9.83	6.85	23.1	15,500	0- >999	0.93
401	7/8/98	9.99	6.93	23.7	14,300	0	0.82
901	7/8/98	9.83	7.01	24.4	30,500	0	1.9
902	7/8/98	10.01	7.08	23.4	8,880	10->999	NC
905	7/8/98	9.22	6.99	25.0	8,790	2-80	0.58

Field parameters measured with a Horiba U-10 water quality meter.

Turbidity presented as a range. All other parameters presented as an average.

NC Not collected due to technical problems with the salinity probe

NTU Nephelometric turbidity unit

TABLE 4. Results of Supplemental Analyses of Groundwater Samples Collected from Building 37 Monitoring Wells on 7/8/98
General Atomics, San Diego, California

Sample ID	F. Col. most probable number	pH	Analytical Results																			
			Sp. Con. μ mhos/cm	TDS	MBAS	Hard.	Tot. Alk.	HCO ₃ ⁻	CO ₃ ²⁻	Tot. N	NO ₃ ⁻	NO ₂ ⁻	Cl	SO ₄ ²⁻	Na	Ca	Mg	K	Fe	Mn	Cu	Zn
MW-102	<2	7.01	11,700	10,100	<0.1	4,900	268	268	<5	0.8	22.1	<1.0	3,400	2,320	1,650	890	496	28.2	49.7	0.523	0.077	0.173
MW-401	<2	7.00	10,400	8,750	<0.1	3,800	274	274	<5	1.1	7.4	<0.1	2,200	3,090	1,730	718	438	43.2	113	1.51	0.137	0.452
MW-901	<2	7.20	27,300	21,400	<0.1	7,500	730	730	<5	0.7	65.8	<1.0	4,970	4,000	5,410	827	1,200	20.1	8.40	3.53	0.036	0.473
MW-902	<2	7.02	7,680	6,180	<0.1	3,500	300	300	<5	0.6	3.3	<0.1	1,340	2,590	937	664	374	9.49	6.42	1.52	0.013	0.079
MW-905	<2	7.01	8,440	6,890	<0.1	3,600	308	308	<5	<0.5	3.8	<0.1	1,600	2,550	1,050	577	390	17.0	1.24	0.716	<0.005	0.042

— mg/L —

ABBREVIATIONS

- | | | | |
|-------------------------------|--|-------------------------------|-------------|
| F. Col. | - Fecal Coliform | Cl | - Chloride |
| Sp. Con. | - Specific Conductance | SO ₄ ²⁻ | - Sulfate |
| TDS | - Total Dissolved Solids | Na | - Sodium |
| MBAS | - Methylene Blue Active Substances (Surfactants) | Ca | - Calcium |
| Hard. | - Hardness | Mg | - Magnesium |
| Tot. Alk. | - Total Alkalinity | Cu | - Copper |
| Tot. N | - Total Kjeldahl Nitrogen | Zn | - Zinc |
| NO ₃ ⁻ | - Nitrate | Fe | - Iron |
| NO ₂ ⁻ | - Nitrite | Mn | - Manganese |
| HCO ₃ ⁻ | - Bicarbonate | K | - Potassium |
| CO ₃ ²⁻ | - Carbonate | | |



Tetra Tech EM Inc.

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ENVIRONMENTAL
HEALTH SERVICES

July 15, 1999

Ms. Jill Slater
General Atomics
1772 Picasso Avenue, Suite B
Davis, California 95616

**Subject: Work Plan for Installation of Groundwater Monitoring Wells and Pilot Scale Sparge Remediation System
General Atomics, Building 37
11222 Flintkote Avenue, San Diego, California 92121**

Dear Ms. Slater:

Tetra Tech EM Inc. (Tetra Tech) has prepared this work plan to install, operate, and evaluate a pilot-scale groundwater sparge remediation system at the General Atomics Building 37 Site, located at 11222 Flintkote Avenue, San Diego, California (Figure 1, Attachment A). As part of the operation and evaluation of the groundwater sparge remediation system, Tetra Tech will install three sparge locations down gradient of the former vault (Figure 2); each sparge location will consist of two sparge points at different depth intervals. In addition, Tetra Tech will install two additional groundwater monitoring wells at the site and conduct a baseline groundwater sampling event. Groundwater samples will be obtained from the five monitoring wells currently at the site and the two newly installed monitoring wells. Approximately one month after startup of the remediation system, Tetra Tech will perform the first of six monthly groundwater sampling events using the four existing monitoring wells situated around the proposed sparge system (GECC-102, MW-01, MW-02, and MW-03) in an effort to evaluate the effectiveness of the remedial activities.

BACKGROUND

In September of 1994, Geocon Environmental Consultants Inc, (Geocon) installed seven monitoring wells and performed groundwater sampling at the site. The groundwater analytical data collected by Geocon indicated the presence of volatile organic compounds (VOCs) in five of the seven monitoring wells. Barrett Consulting Group (Barrett) was later contracted by General Atomics to conduct confirmation sampling of the seven monitoring wells. On February 15 and 16, 1995, Barrett collected groundwater samples from the seven monitoring wells; analytical results indicated the presence of VOCs in five of the seven monitoring wells. Concentrations of trichloroethane (TCE) ranged from 44,000 micrograms per liter ($\mu\text{g/l}$) in monitoring well GECC-102 to 33 $\mu\text{g/l}$ in GECC-905. On July 8, 1998, Tetra Tech collected groundwater samples from five monitoring wells (GECC-102, GECC-401, GECC-901, GECC-902, and MW-905). The analytical results and groundwater gradient and direction of flow generally supported the finding of previous groundwater sampling events. The July 1998 water level soundings associated with the sampling event indicated a localized "mounding" of groundwater in the vicinity of monitoring well GECC-102. This groundwater mound has been documented in previous

sampling events as well and may be due to the pressure of a semiconfining layer noted in the borings B-1, B-2, and B-3.

Cross sections (Figures 3 through 8) showing the historical soil and groundwater data as well as inferred subsurface conditions are attached. The cross-sections are based on a compilation of data from previously performed field work and cross-sections prepared by others. The soil samples obtained by Tetra Tech from Boring B-2, later converted to MW-02, indicated contaminant levels slightly higher than those noted during the work done by Geocon in 1994. Although the difference in contaminant concentrations are relatively minor, the differences may be a reflection of 4 years additional time for migration to occur. The differences may also be a result of subsurface conditions being heterogeneous.

There appear to be some minor discrepancies in horizontal and vertical scale between previous plots and current site conditions. An example is the appearance of local low areas where SB-11 and SB-20 are located on the soil analytical result cross sections (Figures 3 and 4). These discrepancies may be the result of grading changes which have occurred after the preparation of the Geocon report. After completing the installation of the monitoring wells MW-01, MW-02, and MW-03, in November 1998, Tetra Tech surveyed them relative to the existing wells on site. Upon completion of this proposed next phase of work, a California licensed surveyor will be retained to survey all monitoring wells and appropriate topographical features in an effort to alleviate these potential discrepancies. Revised cross-sections and maps will be submitted with the final report.

Additionally, there appears to be an approximate 10 to 17 foot discrepancy between the level at which Geocon and Tetra Tech have logged the top of the Scripps Formation. Preparation of the cross sections discussed above have not used boring GECC-102 in projection of the inferred contact between slope wash/alluvium and the Scripps Formation. During the proposed drilling operations, Tetra Tech will attempt to resolve this discrepancy as discussed in the Soil Sampling section below.

OBJECTIVE AND RATIONALE

The objective of installing a pilot-scale sparge system and additional monitoring wells at the site is to evaluate the effectiveness of the sparge points to remediate or reduce concentrations of TCE impacted groundwater, and to further delineate the vertical and horizontal extent of TCE impacts. The rationale for installing the sparge system immediately down gradient of the former vault is because TCE concentrations in groundwater are highest in this area as can be seen on Figures 6, 7, 8 and 9.

The objective of baseline groundwater sampling event is to provide data on the current groundwater quality across the site and provide a basis from which to evaluate the effectiveness of the pilot scale sparge system. The evaluation will be based on data obtained from the six monthly sampling events compared to the baseline sampling results.

A pilot scale evaluation of the KVA C-Sparger (C-Sparge), will be performed in the immediate vicinity of the previously located vaulted tank which had contained chlorinated products. The C-Sparge system pumps an air/ozone mixture through the Spargepoint® into the subsurface. The entrainment of ozone in the influent stream increases the efficiency of oxidation of the chlorinated compounds. The C-Sparge system will be monitored over a period of six months. The monitoring will be accomplished through monthly groundwater sampling. The groundwater sampling will utilize low flow sampling techniques in currently existing monitoring wells in the vicinity of the sparge locations.

SCOPE OF WORK

The scope of work to be performed is presented below.

Monitoring Well Installation

Drilling and Logging

Five soil borings will be advanced at the site using a truck-mounted hollow stem auger drill rig, in accordance with procedures and methods outlined in the Site Assessment and Mitigation (SA/M) Manual, prepared by the County of San Diego Department of Environmental Health (DEH). The boring locations are shown on Figure 2. Boring permit applications will be submitted to the DEH. It is understood that General Atomics personnel will provide underground clearance prior to the actual drilling operations. Two borings will be advanced with 10-inch diameter hollow stem augers and completed as 4-inch monitoring wells. The remaining three borings will be advanced with 10-inch diameter hollow-stem augers and completed as sparge locations. The borings to be completed as monitoring wells will be advanced crossgradient and downgradient of the sparge locations. The crossgradient boring will be advanced to approximately 60 feet below ground surface (bgs), and the down-gradient boring will be advanced to approximately 30 feet bgs. The sparge locations will be installed in the vicinity of the former vaulted tank location, near monitoring wells MW-01, MW-02, MW-03, and GECC-102. One boring will be advanced slightly down gradient of the former vault location, the other two borings will be advanced approximately 15 feet down gradient of the first boring location, forming a triangle. Each of the three sparge boring will extend approximately 70 feet bgs.

Field personnel will log and classify soil according to the Unified Soil Classification System and Tetra Tech's standard operating procedures (SOPs) for logging and classifying soil. SOPs were previously submitted to General Atomics.

Soil Sampling

During drilling operations, the first boring to be utilized as a sparge location will be continuously cored within the soil interval from approximately 20 to 45 feet bgs. This will be done in an attempt to determine the location of the inferred contact between fill material/alluvium and the top of the Scripps Formation. Additional sampling will not be performed in the three sparge location borings

Soil samples will be collected at approximately each 5-foot interval bgs in the two borings which will be utilized as monitoring wells (B-4 and B-5). These samples will be used to further delineate the horizontal and vertical extent of VOC contamination at the site. Three soil samples will be analyzed for VOCs from each of the monitoring well borings. Soil samples will be screened in the field for organic vapors using a photoionization detector (PID) with a 10.6 electron volt lamp. It is currently anticipated that one sample will be collected from the approximate top of the Scripps Formation based on previous data obtained at the site as can be seen on Figures 6 and 7, in monitoring wells MW-02 and MW-03 which indicated a semiconfining layer at the top of the Scripps Formation. One soil sample will be obtained from near the bottom of each boring due to the potential aquatard at the base of the Scripps Formation/top of Ardath Shale. Additionally, one location in each monitoring well boring will be analyzed for VOCs based on the highest concentration of organic vapors detected with the PID.

Soil samples will be collected using a California modified split-spoon sampler. The hollow stem auger will be advanced into the soil until the top of the desired sampling interval is reached. The split-spoon sampler will then be attached to the bottom end of a drive rod, and the sampler will be driven into the formation 12 to 18 inches. The number of blows required to drive the sampler 6 inches will be counted and logged. Blow counts will provide an indication of the in-place density of the soil being sampled. Following sample acquisition, the sampler will be brought to the surface, removed from the drive rod and split open. The soil sample will then be logged and if appropriate, placed in laboratory prepared jars, and placed on ice until transport to a laboratory can be arranged.

Monitoring Well Construction

why?

Two groundwater monitoring wells will be installed at the site; one near the northeast corner of the site (downgradient) and one near the former southwest corner of Building 39 (crossgradient). Based on the existing knowledge of the site hydrogeology, the following monitoring well construction is anticipated; however, field observations may alter the final design. These two borings will be converted into 4-inch diameter monitoring wells using schedule 40 polyvinyl chloride (PVC) casing. The two monitoring wells will be constructed with a 2.5-foot sump on the bottom of each well and 10 feet of slotted screen. The decision to utilize ten feet of screen is based on the relatively low yield of the saturated zone at this site. The sumps will be installed to assess the potential presence of dense non-aqueous phase liquids (DNAPL). However, DNAPL has not been encountered at the site and is not anticipated. The downgradient well will be completed to approximately 30 feet bgs with a 10-foot slotted screen interval above the sump. This construction scenario assumes the semiconfining layer will not be encountered in this area. This assumption is based on review of previous work done by Geocon in the northeast portion of the site (GECC-905), where the magnitude of difference between "at time of drilling" water level, -vs- static water level was not observed, as opposed to the observation noted by Tetra Tech in the vicinity of GECC-102, MW-01, MW-02, and MW-03. Only fill materials/alluvium was logged previously as can be seen in Figures 5 and 8. If semiconfining conditions are encountered, the construction of this well may be altered. The cross-gradient well will be installed to approximately 60 feet bgs with a 10-foot slotted screen interval above the sump. The screen interval in both wells will consist of 0.010 inch slotted screen. A Lone Star 2/12 to 2/16 filter pack will be constructed around the screen interval. The filter pack will extend from the bottom of the boring to 3 feet above the top of the screen. A 3-foot-thick bentonite seal will be constructed above the top of each filter pack. A bentonite/cement grout will be placed on top of the bentonite seal to approximately 2 feet bgs. A flush-mounted traffic box will be installed around the top of the well casing, slightly elevated above grade to prevent inflow of surface water runoff into the well. Each monitoring well will be developed at the time of installation by block surging and purging to produce a pumping effect within the saturated screen section.

Installation of Remediation System

Sparge Location Construction

Three sparge locations will be constructed at the site and will be located approximately 15 feet apart, forming a triangle situated slightly downgradient of the former vault location (Figures 9 and 10). The positioning of the sparge locations is based on the proximity to the original source. This is also the area which contains the highest concentrations of VOCs in groundwater and soil as can be seen on Figures 3 through 9. Each sparge location will consist of two sparge points. One sparge point will be situated 5 to 7 feet below the confining layer, which was identified during the last round of monitoring well

installation (approximately 47-52 feet bgs). The second sparge point will be situated near the contact of the Scripps Formation and the underlying Ardath Shale (approximately 65-70 feet bgs). The basis for the selection of the lower sparge point location is based on the higher permeability of these soils relative to the upper zones resulting in an increased zone of influence. The upper sparge point is located beneath the inferred semiconfining layer in an effort to extend the zone of influence by allowing the ozonated air stream to disperse laterally along the bottom of the semiconfining layer. Tetra Tech also proposes to install two 3/4-inch diameter micro-wells within each sparge location. The micro wells will be screened at a depth approximately five feet above each sparge point. This will allow sampling at the time of startup, as well as after shutdown of the system in an effort to evaluate the system impact at the point of origination of the ozone sparging.

Each sparge point is 30 inches long. Once positioned at the desired depth within a boring, a Lone Star #30 filter pack will be constructed around the sparge point, approximately 2 feet above the top and one foot beneath the bottom of the point. Bentonite grout will separate the filter packs around the lower and upper sparge points, and a bentonite seal will be constructed above the top of the upper sparge point to the surface.

Attached to each sparge point will be a 3/4-inch PVC air line with viton o-rings. Air lines will extend from the sparge points to the ground surface. The lines will then be plumbed to a single control panel. The lines will be placed beneath the asphalt surface in trenches from each sparge location to the control panel. The control panel operates on a 110 volt electrical source.

Alternative configurations of future sparge locations may be considered based upon evaluation of data acquired during the six month pilot test. Key factors involved in the evaluation will include, ability of the system to reduce contaminant concentrations, zone of influence of the system within the low permeability soils, and projected costs involved with continued operation of the system as compared to alternative options.

Surveying

Following installation of the monitoring wells and sparge points, a licensed surveyor will determine the top of casing (TOC) elevation of the newly installed monitoring wells and the ground surface elevation of each sparge location. In addition, the TOC elevation will be resurveyed on all of the existing monitoring wells and appropriate topographical features to provide better control for groundwater measurements at the site. The survey will provide horizontal and vertical coordinates for each survey point. The horizontal control will be accurate to 0.10 feet and tied to the North American Datum of 1983 (NAD'83). The vertical control will be tied to mean sea level (MSL) and accurate to 0.01 feet.

Groundwater Sampling

A minimum of 48 hours after the monitoring wells have been installed and developed, a baseline groundwater monitoring event will be conducted on all the monitoring wells at the site. Following the baseline sampling event, 6 monthly sampling events will be conducted. Monitoring wells to be sampled during the monthly sampling events will include MW-01, MW-02, MW-03, and GECC-102 only.

The monitoring wells will be sampled using low flow purging and sampling techniques. Water quality parameters will be monitored every 5 minutes for at least 30 minutes. Samples will not be collected until such time as the parameters vary between the last three readings by 10 percent or less. At that point a

sample will be obtained. Groundwater sampling procedures will be in accordance with Tetra Tech's SOPs which have previously been submitted to General Atomics. If recharge will not maintain a minimum of 0.5 liter/minute rate, the well may be purged to dryness and sampled upon recovery to a minimum 80 percent of the original static water level.

Groundwater samples will be collected in 40 milliliter volatile organic analysis (VOA) containers preserved with hydrochloric acid. Sample containers will be provided by the analytical laboratory. Groundwater samples for metals will be field filtered using a 0.45 micron filter. Upon collection, the samples will be labeled and stored in a cooler on ice prior to being delivered under chain-of-custody documentation to the analytical laboratory.

ANALYTICAL METHODS

Soil samples collected for chemical analyses will be submitted to Calscience Environmental Laboratories, Inc. (Calscience), a State of California certified analytical laboratory, and analyzed for VOCs by Environmental Protection Agency (EPA) Method 8260. Soil results from EPA Method 8260 will be reported in micrograms per kilogram ($\mu\text{g}/\text{kg}$). In addition, up to four samples may be analyzed for metals using EPA Method 6020. This test method uses induction coupled plasma and mass spectrometry methods. This test method will report concentrations of metals to 1 part per billion (ppb).

Groundwater samples collected for chemical analyses will also be submitted to Calscience and analyzed for VOCs by EPA Method 8260 and metals with EPA Method 6020. Groundwater results from EPA Method 8260 will be reported in $\mu\text{g}/\text{L}$ and soil samples will be reported in $\mu\text{g}/\text{kg}$.

In addition to the primary groundwater samples, the following quality control (QC) samples will be collected:

- Field Blank - A field blank will be collected during groundwater sampling to assess the potential for site ambient conditions to contaminate the samples. The field blank will consist of distilled water collected in a preserved VOA during the sampling event. The field blank will be shipped to the laboratory along with the other samples and analyzed using the same procedures.
- Equipment Blank - An equipment blank will be collected to assess if samples are being contaminated because of inadequate decontamination procedures. The equipment blank will be collected by pouring distilled water over the sampling equipment and collecting the water in a preserved VOA. The equipment blank will be shipped to the laboratory along with the other samples and analyzed using the same procedures.

INVESTIGATION DERIVED WASTE

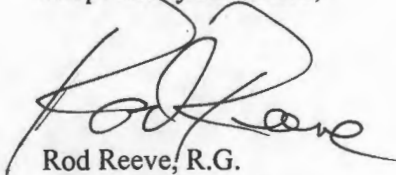
Soil cuttings, decontamination fluid, and well development water generated by the investigation will be containerized in Department of Transportation rated 55-gallon drums. The drums will be labeled and stored onsite pending proper analysis and disposal by General Atomics.

REPORT

A description of the field activities and the analytical results will be provided in a final report approximately one month after Tetra Tech receives the results from the analytical laboratory from the final round of groundwater sampling. Additionally, Tetra Tech will submit the boring and monitoring well information, as required by the San Diego County Department of Environmental Health SAM guidelines.

If you should have any questions regarding this work plan, please contact me at (619) 718-9676.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Rod Reeve". The signature is fluid and cursive, with a large initial "R" and "R".

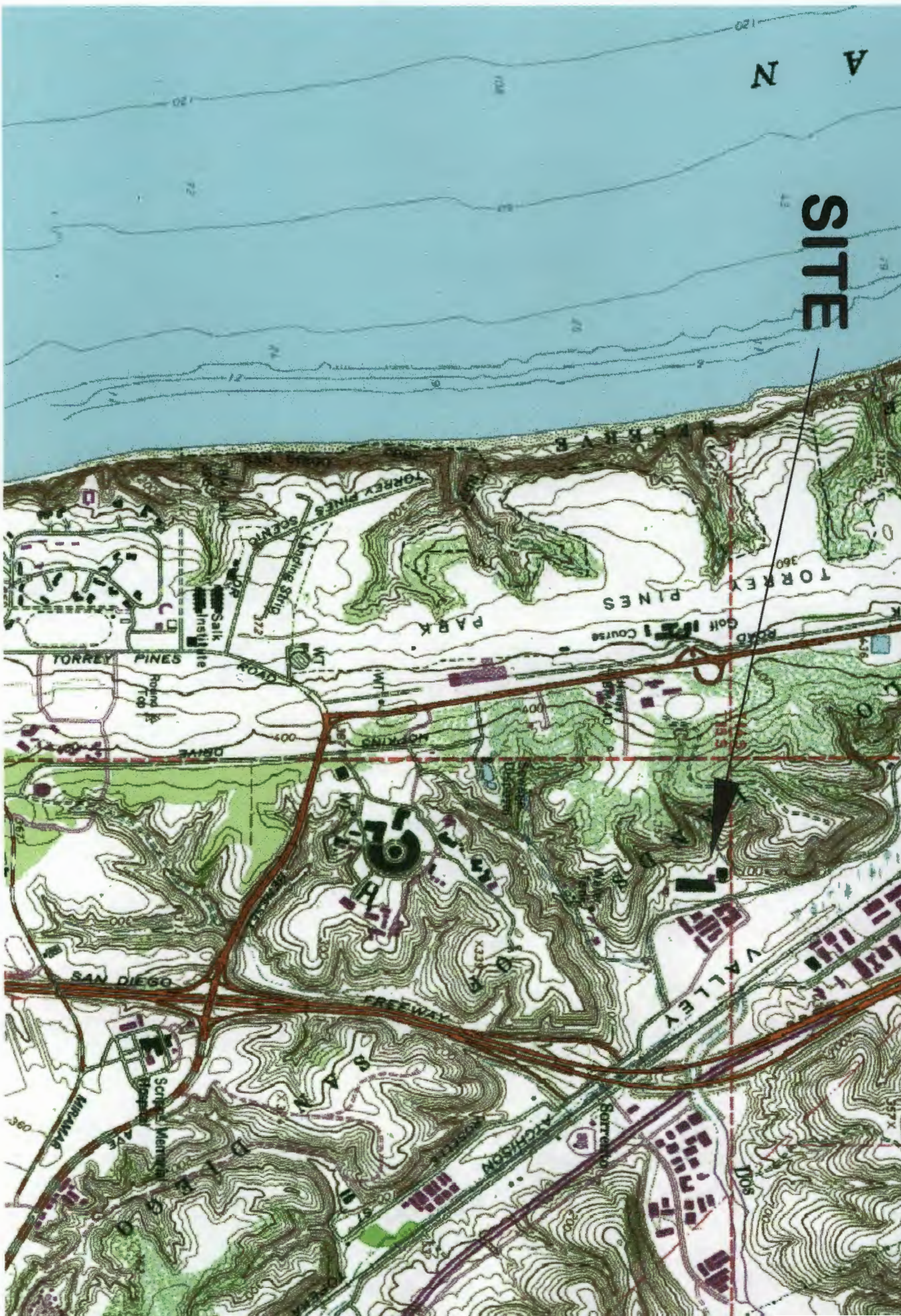
Rod Reeve, R.G.

Senior Project Manager

Reference

Kennedy, M.P., 1975. Geology of the Del Mar, La Jolla and Point Loma Quadrangles, San Diego Metropolitan Area, San Diego County, California: California Divisions of Mines and Geology Bulletin 200A

SITE

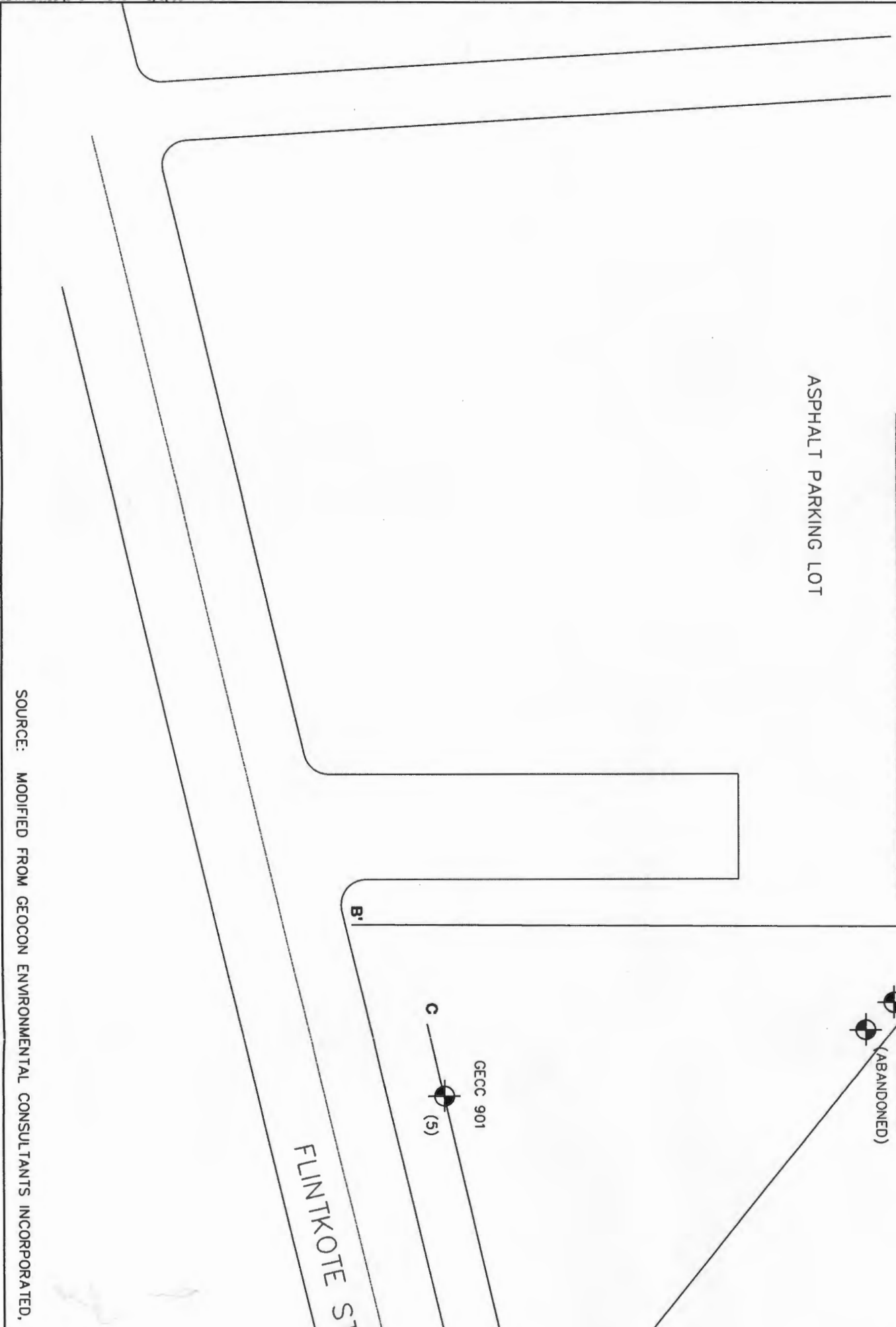


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ASPHALT PARKING LOT



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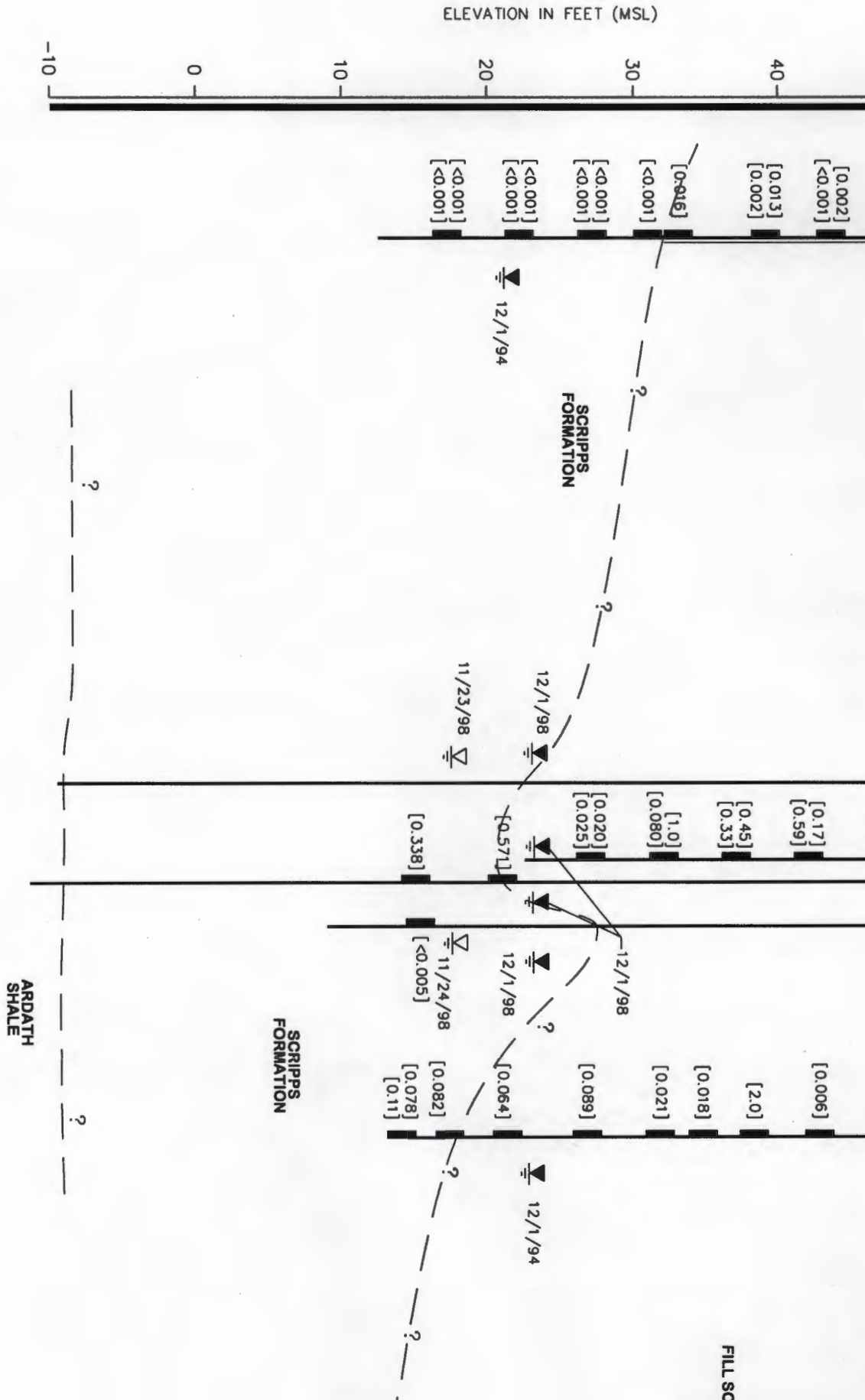
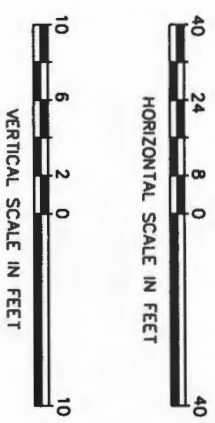
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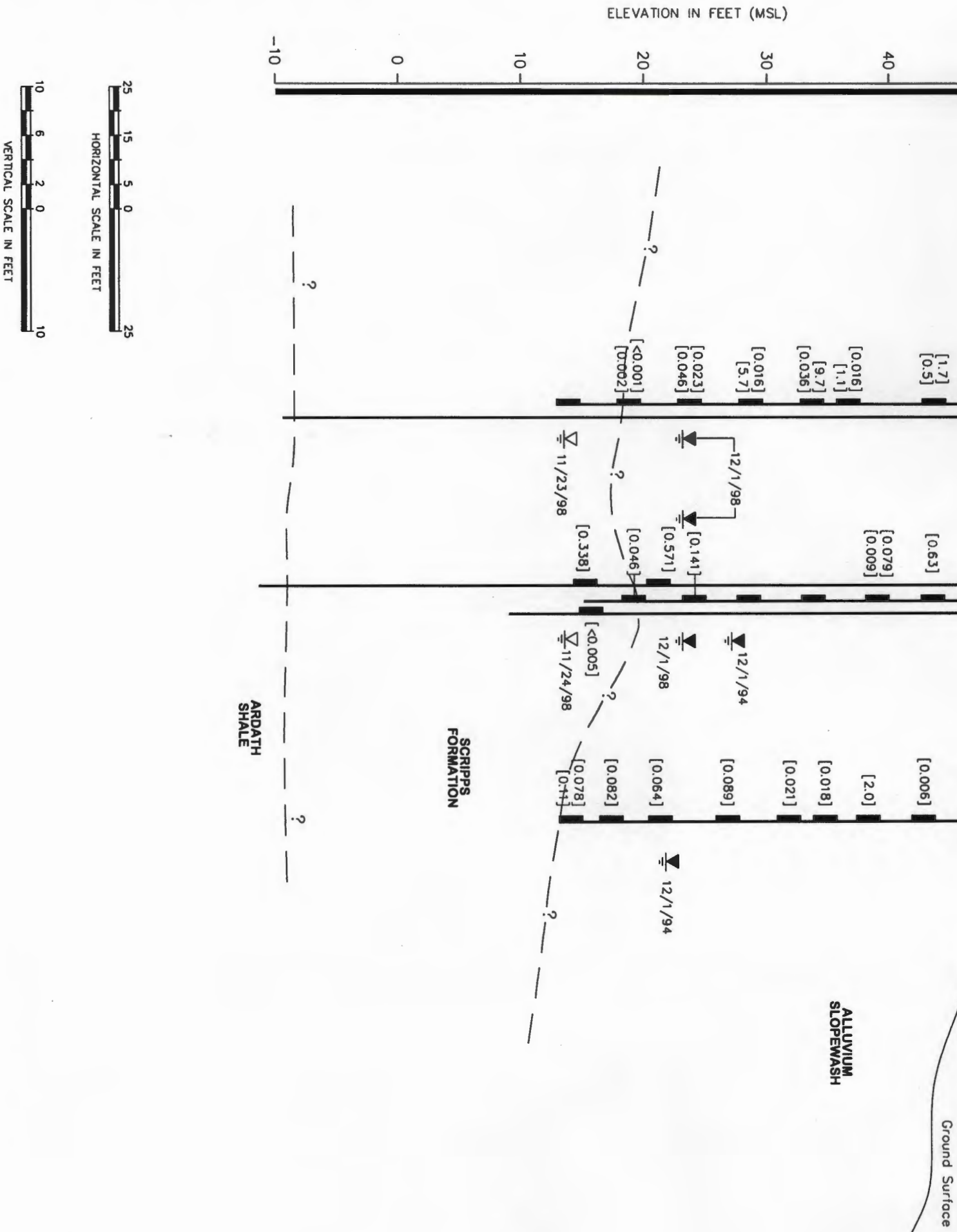
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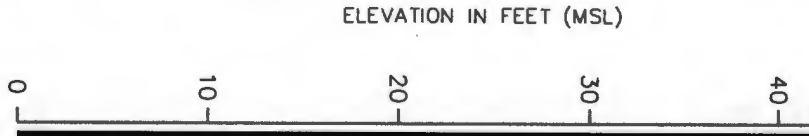
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SOURCE: MODIFIED FROM GEOCON ENVIRONMENTAL CONSULTANTS INCORPORATED.



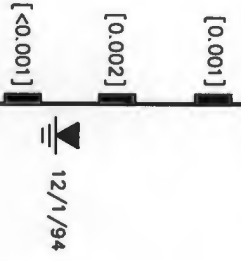
SOURCE: MODIFIED FROM GEOCON ENVIRONMENTAL CONSULTANTS INCORPORATED,



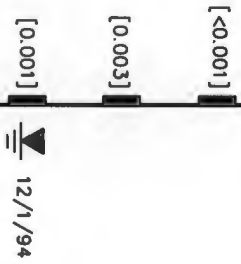
GECC 901
ELEV: 34.45 MSL

Ground Surface

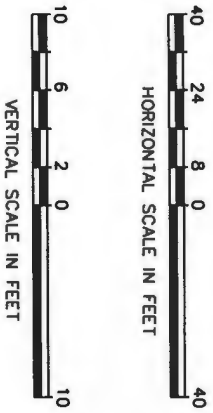
FILL SOILS/ALLUVIUM



GECC 902
ELEV: 36.49 MSL



ELEVATION IN FEET (MSL)



SCREEN

DATE	TCE	PCE
9/27/94	41	89
2/16/95	(78)	(160)
2/16/95	[58]	[140]
7/8/98	210	59

UNITS: Micrograms per liter

DATE	TCE	PCE
12/1/98	40	50

UNITS: Micrograms per liter

SCRIPPS FORMATION



SCREEN

SCREEN

DATE	TCE	PCE
12/1/98	229	198

UNITS: Micrograms per liter

SCREEN

DATE	TCE	PCE
9/26/94	6,200	<40
2/16/95	(13,500)	(5.0)
2/16/95	[2,400]	[80.0]

UNITS: Micrograms per liter

DATE	TCE	PCE
9/26/94	48,000	290
2/16/95	(44,000)	(1,300)
2/16/95	(41,000)	(1,000)
2/16/95	[31,000]	[1,100]
2/16/95	[27,000]	[<1,000]
7/8/98	59,000	1,000

UNITS: Micrograms per liter

DATE	TCE	PCE
12/1/98	85	22

UNITS: Micrograms per liter

FILL SOILS/ALLUVIUM

SOURCE: MODIFIED FROM GEOCON ENVIRONMENTAL CONSULTANTS INCORPORATED.

ELEVATION IN FEET (MSL)



FILL SOILS/ALLUVIUM

SCRIPPS FORMATION

FILL SOILS/ALLUVIUM

SCRIPPS FORMATION

DATE	TCE	PCE
12/1/98	40	50

UNITS: Micrograms per liter

DATE	TCE	PCE
12/1/98	85	22

UNITS: Micrograms per liter

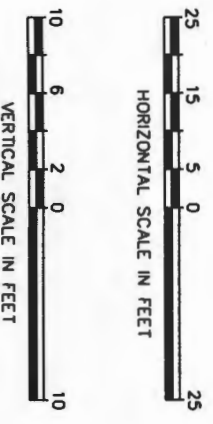
DATE	TCE	PCE
9/26/94	48,000	290
2/16/95	(44,000)	(1,300)
2/16/95	(41,000)	(1,000)
2/16/95	(31,000)	(1,100)
2/16/95	[27,000]	[<1,000]
7/8/98	59,000	1,000

UNITS: Micrograms per liter

ARDAATH SHALE

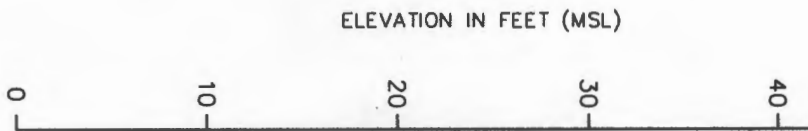
DATE	TCE	PCE
9/26/94	6,200	<40
2/16/95	(3,500)	(5.0)
2/16/95	[2,400]	[<80.0]

UNITS: Micrograms per liter



SOURCE: MODIFIED FROM GEOCON ENVIRONMENTAL CONSULTANTS INCORPORATED.

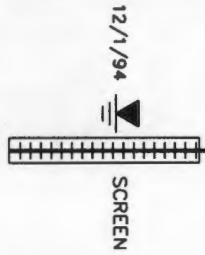
Ground Surface



GECC 901
ELEV: 34.45' MSL

Ground Surface

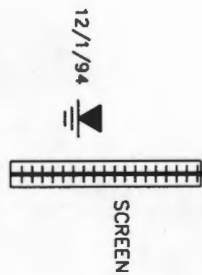
FILL SOILS/ALLUVIUM



DATE	TCE	PCE
9/26/94	<1	<1
2/15/95	(<0.50)	
2/15/95	[<0.20]	
7/8/98	5	<1

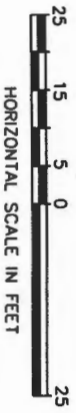
UNITS: Micrograms per liter

GECC 902
ELEV: 36.49' MSL



DATE	TCE	PCE
9/26/94	44	29
2/16/95	(58)	(28)
2/16/95	[32]	[19]
7/8/98	60	18

UNITS: Micrograms per liter



ASPHALT PARKING LOT

LEGEND

GECC 903
APPROXIMATE LOCATION OF MONITORING WELL - GEC SEPTEMBER 1994

MW01
APPROXIMATE LOCATION OF MONITORING WELL INSTALLED BY TETRA TECH EM INC.

DO: MILLIGRAMS PER LITER (MG/L)

T: DEGREES CELSIUS

C: MICRO MHOS PER CENTIMETER (UMHOS/CM)

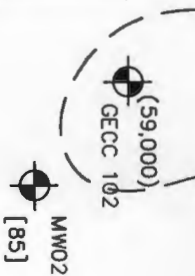
SAL: PERCENT (%)

TCE: CONCENTRATIONS IN MICROGRAM PER LITER (UG/L)

(210) CONCENTRATION IN MICROGRAMS PER LITER (7/8/98)

[85] CONCENTRATION IN MICROGRAMS PER LITER (12/1/98)

INFERRED ISOPLETHS OF TCE PLUME IN MICROGRAMS PER LITER BASED ON GROUNDWATER SAMPLING ON 7/8/98



GECC 903 (ABANDONED)

GECC 901 5

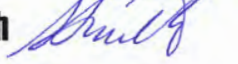
FLINTKOTE



July 16, 1999

David,

We noticed an incorrect mailing address for you in the distribution of the "revised CACA" to GA from DTSC. So, in case your copy hasn't yet reached you, this copy will bring you up to date on this evolving situation.

Shirley Smith 
for
Keith E. Asmussen, Ph.D.
Director,
Licensing, Safety and Nuclear Compliance

**Cal-EPA, Department of Toxic Substances Control
Hazardous Waste Management Program**

**RCRA FACILITY ASSESSMENT DOCUMENT
SIGN-OFF SHEET**

Facility:

GENERAL ATOMICS
3550 General Atomics Court
San Diego, California 92186

Current Operator and Owner:

GENERAL ATOMICS
3550 General Atomics Court
San Diego, California 92186

The attached June 1999 Revised RCRA Facility Assessment narrows the focus of the originally prepared April 1998 RFA by incorporating additional data and comments submitted by General Atomics. We certify, to the best of our knowledge, that we have reviewed the Revised RFA for General Atomics. We further certify that: (1) the RFA conforms with the RCRA Corrective Action Manual, (2) the RFA is technically sound, and (3) the RFA is administratively complete.

Project Manager:

Walter Bahm
Walter Bahm
Hazardous Substances Engineer

6/25/99
Date

Unit Chief:

Pauline Batarseh
Pauline Batarseh
Supervising Hazardous Substances Engineer

6/30/99
Date

Branch Chief:

Mohinder Sandhu
Mohinder Sandhu, P.E., Chief,
Standardized Permits and Corrective Action Branch
Department of Toxic Substances Control

6/30/99
Date



Department of Toxic Substances Control



Edwin F. Lowry, Director
700 Heinz Avenue, Bldg. F, Suite 200
Berkeley, California 94710-2721

Winston H. Hickox
Secretary for
Environmental
Protection

Gray Davis
Governor

To: Pauline Batarseh
Supervising Hazardous Substances Engineer
Standardized Permits and Corrective Action Branch

Date: June 8, 1999

From: Walter Bahm *WB*
Standardized Permits and Corrective Action Branch

Subject: Groundwater Contamination at Build 37, General Atomics in San Diego,
Solid Waste Management Unit # 9, CAD 076 180 843.

On May 1, 1998 the Department of Toxic Substances Control (DTSC) sent General Atomics (GA) a copy of a RCRA Facility Assessment (RFA) and a Consent Agreement for corrective action concerns at the facility operations at 11222 Flintkote Street and 3550 General Atomics Court in San Diego. The RFA was prepared for the facility's historic and interim status operation as of July 1955 and March 1989, respectively. Difficulties in properly characterizing the nature and extent of contamination have necessitated revising the original Consent Agreement to better focus corrective action activities.

SOLID WASTE MANAGEMENT UNITS

The April 1988 RFA identified nine Solid Waste Management Units (SWMU) and five Areas of Concern (AOC). Seven of the identified SWMUs were operating hazardous waste management units. The AOC included buildings and units subject to decontamination and decommissioning activities overseen or reviewed by the California Department of Health Services, the Nuclear Regulatory Commission or the U.S. Department of Energy (DOE). In July and August 1998 GA responded to DTSC with additional information and comments on the RFA. These submittals included documentation for the UST closures.

The D&D activities for Building 39 anticipate no further remediation and DHS approval. During the D&D of Building 37, however, soil contamination due to an underground vault and solvent storage tank was discovered. Despite excavation and removal actions trichloroethene concentrations above the 5 ppb MCL level have been recorded. In September 1994 seven monitor wells were installed. Five of these wells detected TCE above 33 ug/l, with one well

measuring as high as 44,000 ug/l (well MW-102). In November 1998 GA submitted a groundwater sampling report and a workplan for the installation of three additional monitoring wells, prepared by Tetra Tech EM Inc., dated October 15, 1998 and November 18, 1998, respectively. The July 8, 1998 sampling of MW-102 recorded the highest concentration of TCE to date at 59,000 ug/l. Tetra Tech EM Inc. recommends the additional wells to be used to evaluate the applicability of the groundwater remediation system. At least two of the wells would be used for air sparging.

The installation of the three additional wells will result in additional soil samples (minimum of three samples per boring) and VOC measurements. The characterization of the lithography should also better elucidate whether more than one water bearing zone is present beneath the site. Additionally, the preparation of a Corrective Action Plan has been suggested, as well as the further characterization of the vertical and horizontal extent of contamination.

CORRECTIVE ACTION REQUIREMENTS

The Hazardous and Solid Waste Amendments (HSWA) of 1984 require that corrective action activities be conducted at both permitted and interim status facilities. DTSC has adopted and incorporated these requirements pursuant to Section 25150 and 25159.5 of the Health and Safety Code. The releases of hazardous waste, or their hazardous constituents must be addressed by DTSC pursuant to Section 3005(u) of HSWA. It is the policy of DTSC to issue Corrective Action Orders (CAO), or Consent Agreements to assure the oversight and completion of corrective action activities. These activities include facility assessments, facility investigations and remedial actions as outlined in the June 1994 Corrective Action Orientation Manual.

During the preparation of the RFA it was noted that GA has been proactive in the *environmental assessment of its property and operations*. The ongoing efforts to remediate the historic TCE release requires additional attention. For this reason it is recommended that a focused Consent Agreement be negotiated to allow for the most flexible approach toward additional investigation and remediation. A copy of the proposed Agreement is attached. The Consent Agreement is intended to assure that any additional work adequately meets current DTSC and US EPA standards.

REVISED RCRA FACILITY ASSESSMENT

for

GENERAL ATOMICS

Revised June 1999

Original: April 14, 1998

3550 General Atomics Court
San Diego, California 92121
San Diego County

EPA ID # CAD 067 638 957

prepared by

Department of Toxic Substances Control
Standardized Permits and Corrective Action Branch

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EXECUTIVE SUMMARY

In 1984 the United States Congress amended the Resource Conservation and Recovery Act (RCRA) by passing the Hazardous and Solid Waste Amendments (HSWA). These amendments provided authority to the United States Environmental Protection Agency (U.S.EPA) to require comprehensive corrective action on Solid Waste Management Units (SWMUs) and other Areas of Concern (AOCs) at facilities applying for a RCRA permit and those with RCRA Interim Status. The intent of this authority is to address previously unregulated releases of hazardous constituents to air, soil, surface water, groundwater and the generation of subsurface gas. To achieve this objective, a RCRA Facility Assessment (RFA) was performed to identify and evaluate the SWMUs and AOCs at the General Atomics (GA) site.

The purpose of this RFA is to determine whether a release of hazardous waste or hazardous constituents has occurred from SWMUs or AOCs and to determine the need for further action to be performed by GA if necessary. The facility address is 3550 General Atomics Court, San Diego, California 92121, and lies within San Diego County.

This assessment is based on information found in the files of U.S.EPA in Region IX, the U.S. Department of Energy field office in Oakland, the U.S. Nuclear Regulatory Commission field office in Walnut Creek, the Department of Toxic Substances Control (DTSC) regional office, the San Diego County Department of Health Services and the San Diego Fire Department.

GA conducts a broad scope of research and development projects, including product development of advanced power generation systems, energy conservation, and military applications. A privately owned technology research and development company GA is the site of multiple US DOE sponsored projects and privately sponsored research and development.

A total of eight SWMUs and one AOCs were identified and are described in Section 4.0 and Section 5.0 of this report. The SWMUs and AOCs identified were:

SWMU No. 1:	Building 25, NWPF 3
SWMU No. 2:	Building 41, Filtration Unit
SWMU No. 3:	Building 41, Mixer Unit
SWMU No. 4:	Building 41, Drying Oven
SWMU No. 5:	Building 41, Baler/Compactor
SWMU No. 6:	Building 41, Mixed/Hazardous Storage (Lower) Yard
SWMU No. 7:	SUUY, Upper Yard
SWMU No. 8:	Building 37N, Residual Contamination

RCRA Facility Assessment
General Atomics

AOC No. 1: Building 21, TRIGA Building

The first seven SWMUs are currently operating mixed waste treatment units. While subject to environmental reviews by Nuclear Regulatory Commission (NRC), California Department of Health Services (DHS) and Department of Energy (DOE), the area around Buildings 37 (SWMU 8) is listed and recommended for further corrective action due to possible groundwater contamination. GA has taken efforts to characterize the nature and extent of the trichoroethene near Bldg-37 and has notified appropriate agencies such as the San Diego Department of Environmental Health.

The NRC and DHS as agencies issuing GA's operating licenses and the DOE as part of its environmental restoration mission have been active in the remediation of Building 23. The NRC and DHS have been providing oversight of all D&D projects on GA's San Diego site. These buildings and the areas surrounding them have been identified as areas of concern. The restoration of these areas is in progress or nearing completion. No finding of unresolved contamination has been made. It is recommended that these areas are monitored until final decommissioning is completed.

1.0 INTRODUCTION:

The California Environmental Protection Agency (Cal/EPA), Department of Toxic Substances Control (DTSC) has conducted the RFA for the General Atomics site located at 3550 General Atomics Court, San Diego, California 92121. This report provides a summary of the preliminary review, the data evaluation, and the visual site investigation. Primary sources of information utilized in the review include inspection reports, correspondence and facility records found in the files of USEPA in Region IX, the U.S. Department of Energy field office in Oakland, the U.S. Nuclear Regulatory Commission field office in Walnut Creek (now closed), the DTSC Regional office, the San Diego County Department of Health Services and the San Diego Fire Department.

The 1984 Hazardous and Solid Waste Amendments to the Resource Conservation and Recovery Act (RCRA) provide EPA and authorized states with the authority to require comprehensive corrective actions on all solid waste management units (SWMUs) and other areas of concern (AOCs) where releases of hazardous constituents have occurred that potentially threaten human health or the environment. This authority applies to all facilities which currently treat, store and dispose of hazardous waste (or have done so in the past) as regulated under RCRA¹. The intent of this authority is to address releases of hazardous constituents to soil, groundwater, surface water, air and the generation of subsurface gas.

In order to accomplish this objective, a RCRA Facility Assessment (RFA) was performed. The RFA is the first phase in the RCRA corrective action program and consists of one or more of the following tasks: preliminary review and evaluation; visual site inspection; and, when necessary, a sampling visit and subsequent analysis. Other phases, if warranted, are the RCRA Facility Investigation (RFI) to characterize releases and the Corrective Action Measures phase that proposes actual cleanup measures. These two phases are performed by the facility owner/operator either under the RCRA permit, consent agreement or under an enforcement order.

The RFA is performed to determine if a release of hazardous waste or hazardous constituents has occurred from a SWMU. The main components of an RFA are to identify and gather information on releases at the RCRA facility, evaluate SWMUs for releases to all media (soil, groundwater, surface water, air, and subsurface gas) and make determinations regarding releases of concern and the need for further action and interim measures at the facility.

¹ By notice in the Federal Register, in 1987 and 1988, the USEPA elaborated on how regulated hazardous wastes extended to hazardous waste mixed with radioactive waste (mixed waste).

2.0 FACILITY DESCRIPTION

On July 18, 1955 the General Dynamics Corporation created the division known as "General Atomic" with the goals of commercializing nuclear reactor technology. In the following year construction of the facilities at Torrey Pines began. According to its use permit, GA was restricted to research and development on the mesa and manufacturing was permitted in the industrial zoned Sorrento Valley area. In October of 1967 the Gulf Oil Corporation announced the agreement to purchase General Atomic and a total of 415 acres. From 1973 to 1982 General Atomic was operated as a partnership between Royal Dutch Shell and Gulf Oil. Approximately 56 acres were deeded to Shell with the dissolution of the partnership. In 1983 Gulf Oil merged with the Chevron Corporation. On August 13, 1986 the Chevron Corporation announced the sale of its wholly owned subsidiary, GA Technologies Inc. to companies controlled by Neal and Linden Blue. Included in the sale were the 120 acres on which the GA Technologies' facilities were located, with the Chevron Land and Development Company (CL&D) retaining ownership of an additional surrounding 240 acres. GA Technologies, Inc. proceeded to obtain the release of the CL&D land from NRC and DHS licenses. CL&D obtained permits and regulatory approval for the development of this land and ultimate construction of buildings for light industry.

Operating today as General Atomics (GA) the company conducts a broad scope of research and development projects, including product development of advanced power generation systems, energy conservation, and military applications. On-going research activities include material science projects, fusion research and environmental projects such as the super-critical water oxidation project. The fusion projects involve the inertial confinement and the Doublet-IIID magnetic confinement fusion reactor. Further, GA has leased laboratory and office space (primarily in Building 2) to other commercial research entities.

2.1 Process Description

In support of GA's research and development activities, some of which generate mixed wastes, GA operates a treatment and storage facility, known as the Nuclear Waste Processing Facility (NWPF). Waste streams from projects sponsored by the U.S. Department of Energy (DOE) comprise approximately 90% of the total mixed wastes handled at GA and are generated predominantly from the decontamination and decommissioning of nuclear facilities at the site. The remaining 10% of the mixed wastes are generated from commercially-funded projects.

Much of the wastes stored at General Atomics resulted from the decommissioning of U.S. Department of Energy funded research and development activities. Among these was the fabrication of fuel for the High Temperature Gas-Cooled Reactor program which occurred in the Sorrento Valley "A" Building (SVA). The SVA fuel fabrication ceased operation in 1986.

RCRA Facility Assessment
General Atomics

Figure 1: Regional View of the General Atomics Site

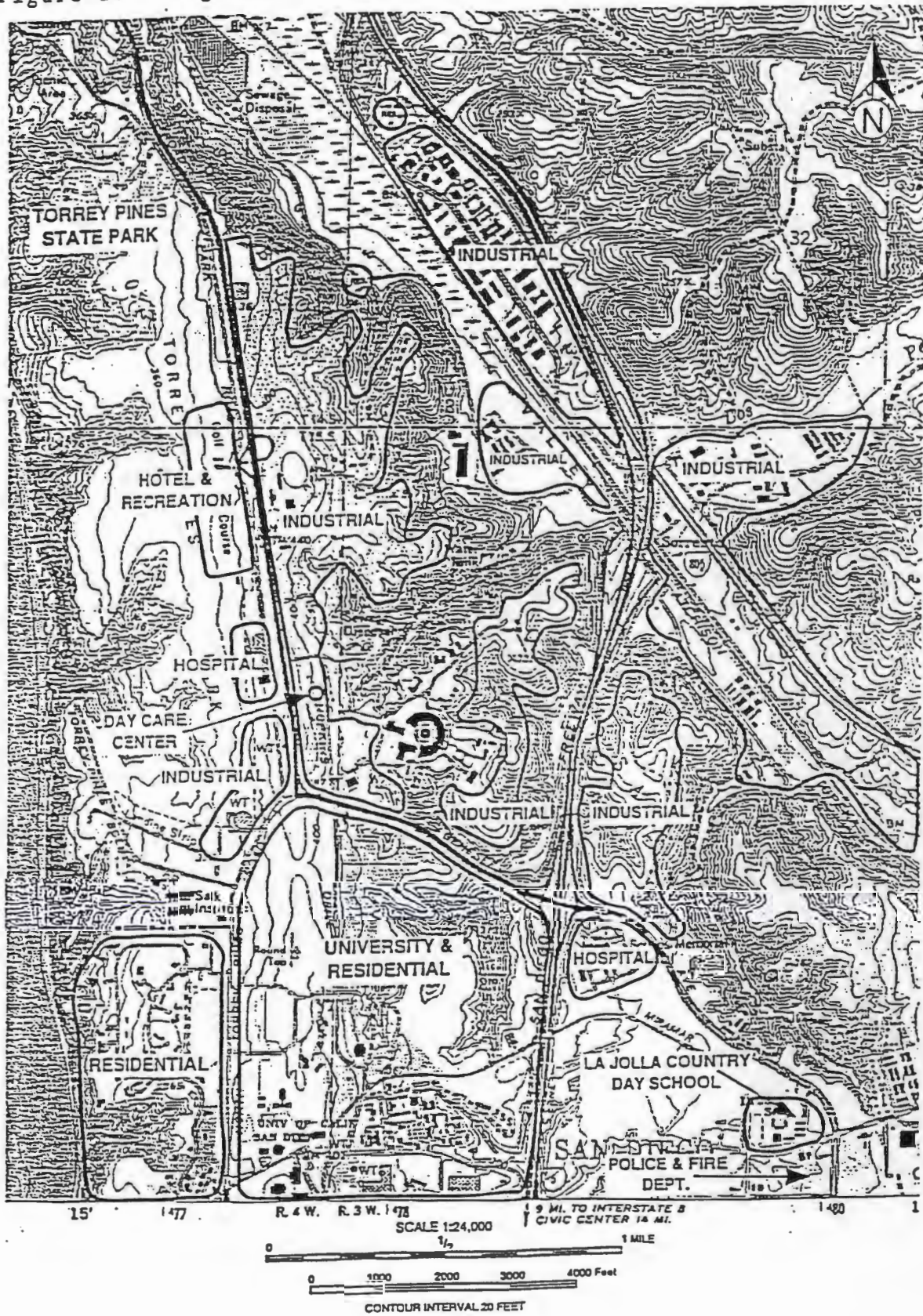
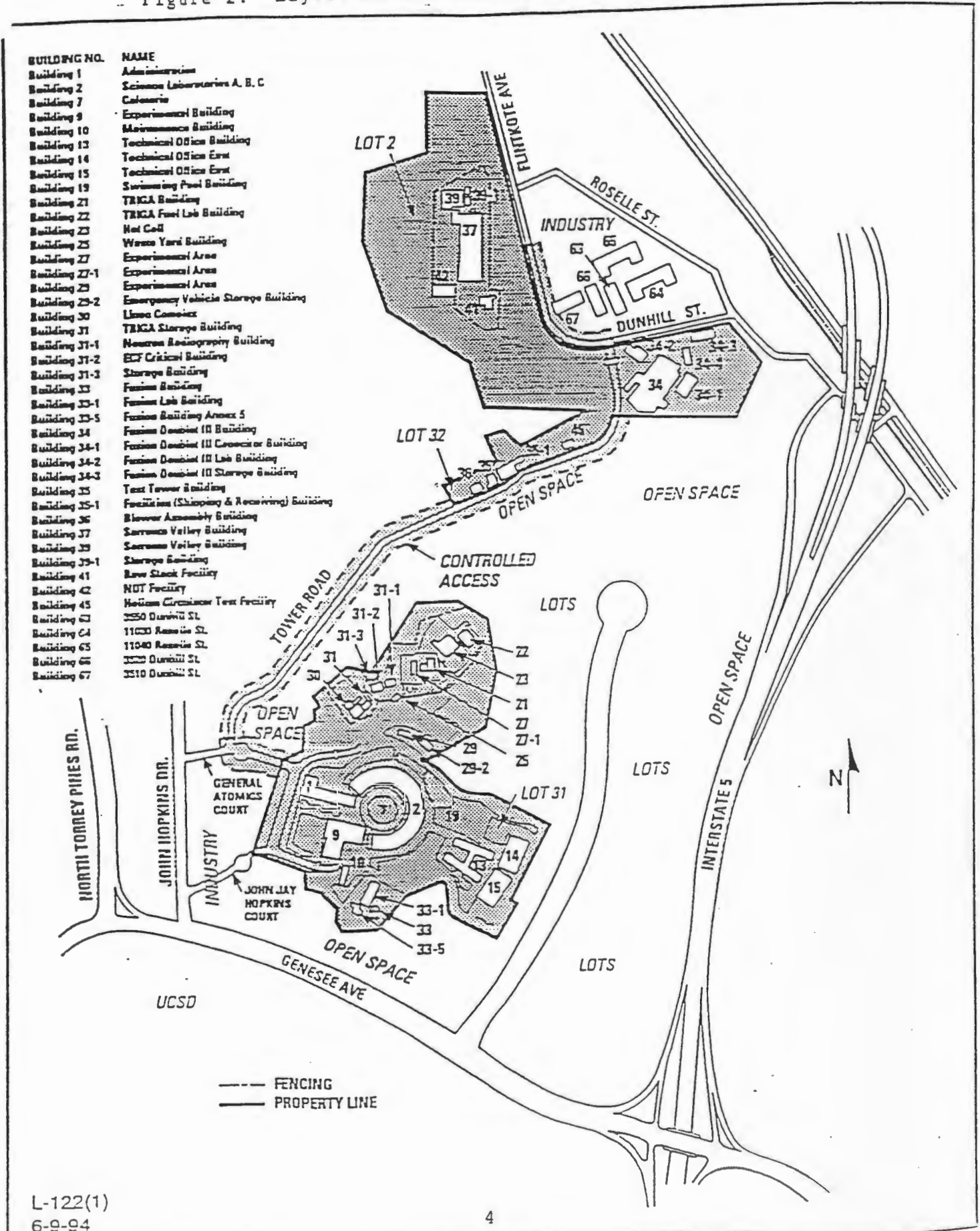


Figure 2: Layout of the General Atomics Facility



GA consolidates and ships its hazardous wastes off-site within the 90-day generator requirements. Mixed wastes are managed in one or more of three areas/buildings. These treatment units include: a Mixer Unit (TU41-2) for blending and chemical neutralization, two Neutralization/Filtration Units (TU41-1 and TU25-1), a Drying Oven and the Baler/Compactor.

After treatment, mixed wastes are stored until a full load is accumulated and/or an offsite facility is identified that is authorized by DOE and/or permitted to accept mixed waste. Mixed wastes are typically stored in closed drums. Building 41 and the lower storage yard is designated as NWPF-1, the Upper Storage Yard designated as NWPF-2 and Building 25 is designated as NWPF-3 in Figure 2.

GA had been the site of fuel fabrication operations involving the use of enriched uranium and the assembly of fuel elements. The fuels projects were primarily in support of the High Temperature Gas-Cooled Reactors and the TRIGA research reactors.

2.2 Decontamination and Decommissioning (D&D) Activities:

The D&D activities involve the facility shutdown, the notification of the pertinent regulatory agency or agencies, the surveillance and the maintenance of structures and equipment. This is followed by an assessment and characterization of the facility (the building and the fenced yard surrounding it) to determine the nature and scope of contamination. An evaluation, planning and engineering of D&D efforts and alternatives is initiated with the preparation of a D&D plan. This is submitted to the regulatory agencies (i.e. DHS, or the NRC) which approve implementation, or the modification of the plan. In some cases the D&D Plan is also submitted to the U.S. DOE. The plan may prescribe the removal of radioactive materials to other storage, or disposal facilities, as well as the decontamination, or disposal of contaminated equipment, building materials and surrounding soils. Confirmatory surveys of the decontaminated facility is included with the preparation of a final Survey Report. The completion of the D&D activities is signaled by the receipt of a facility release for unrestricted use from the NRC and DHS.

2.3 Buildings and Areas Awaiting D&D or Closure:

As part of its continuing assessment of facility needs, reuse and program funding options General Atomics has identified several facilities requiring decontamination and closure. Prior to the reuse, all wastes and residues (non-hazardous, hazardous, mixed or radioactive) are removed (to levels below release criteria) and disposed in an appropriate manner. The following is a summary of the current status and anticipated actions for decontamination and closure actions planned by General Atomics.

RCRA Facility Assessment
General Atomics

- **Building 21** -The two TRIGA Reactors located in this building are no longer in operation. The D&D activities are expected to generate some mixed waste. This facility was established in 1958/1960. Decontamination of the facilities have begun over the past few years. Fuel from the TRIGA Mark I has been moved into the TRIGA Mark F secure fuel storage canal. Similarly, the fuel from the Mark F reactor core has been placed in the Mark F secure storage canal. Materials held in reserve such as instrumentation and specialty metals have been sold or disposed of. Both reactors are destined for decontamination and dismantling.
- **Building 22** -Constructed in 1974, this building has housed the TRIGA Fuel Fabrication Facility. Fuel processing operations in this building were permanently ceased in 1995. The facility has undergone D&D and was released for unrestricted use on May 14, 1999 by the NRC. This building, concurrent with Bldg-23, has been systematically emptied, sampled, dismantled and partially demolished.
- **Building 23** (a.k.a. Hot Cell) -The D&D activities involved the removal of contaminated lead (shielding), asbestos matting in the roof and certain process areas, as well as radioactively contaminated concrete and other building materials. D&D is scheduled for completion in 1999. Building 23 no longer exists and the site is in the final phase of D&D.

The Hot Cell facility was built in 1958/59. The nuclear research conducted at the facility included machining of fuels, post-irradiation examinations and metallurgical studies. There was no longer a need to use the facility and DOE is supporting the D&D and the removal of contamination from this surplus facility in accordance with the DOE's environmental restoration mission. The D&D operations were evaluated in an Environmental Impact Appraisal prepared by the US NRC Office of Nuclear Materials Safety and Safeguards (NUREG-0994). No significant impact to health, safety or the environment was identified. Previous refurbishments of the facility were conducted in 1978 and 1979.

- **Building 27** -This building, built in 1965, represents one of the oldest areas of activity at the GA site. In 1994 Chemistry/Radiochemistry labs were being phased out of operation. The fume hoods in the building were permitted as Conditionally Exempted under the Tiered Permitting Program. D&D of this building has been completed. A release for unrestricted use by the NRC and DHS was issued on May 14, 1999 and May 7, 1999, respectively. The building will be converted to office, laboratory and/or meeting rooms.
- **Building 27-1** -This partially buried structure was known as the Radiochemistry Bunker. Radioactive materials were stored and processed in this building. The D&D activities for this structure have been completed pending final soil sampling and analysis. One wall of the structure, which serves as a retaining wall remains standing.

RCRA Facility Assessment
General Atomics

- **Building 29** -A fenced area near this building was used to temporarily store hazardous materials/waste (e.g. paints, thinners and solvents) prior to pick-up by a hazardous waste contractor. Remediation of soils resulted in excavation of 35 yd³ at three locations and included eight soil borings and 14 soil samples. Maximum concentrations encountered included TPH values at 10.4 ppm, 1,1,1-TCA and chloroform at 6 ppb. In 1990 five confirmatory samples indicated no residual contamination.
- **Building 30** -LINAC Complex. The linear accelerator and associated instrumentation was disassembled and removed in the 1980s. This facility has been completely emptied and is currently undergoing final D&D.
- **Building 35** -Known as the Test Tower, this structure is awaiting release for unrestricted use. This is a multi-store structure used to test or assemble long assemblies such as helium circulators or control rod systems. In 1997 a sump in this building was filled with concrete. The foundation and girder support has undergone radiological surveys with no significant findings reported.
- **Building 37 (a.k.a. SVA)** -A winter storm event in 1977 caused the lower portion of this building to be flooded with 2-3 ft of water. Portions of Bldg 37 were operated as a Machine Shop and for the nuclear fuel fabrication operations. In 1993 the areas previously used for the fuel fabrication operations were prepared for decommissioned and dismantled. This resulted in the partial dismantling of Building 37. The NRC and DHS released the areas designated as Bldg. 37N to unrestricted use. Environmental sampling included radiological surveys, sampling and analysis, as well as soil gas surveys, soil and groundwater sampling.
- **Building 39** -Site Characterization included the installation of six groundwater borings and at least nine soil samples. In at least three borings (GW-4, 5 and 6) trichloroethene (a.k.a. TCE) was found at 20 -30 ppb, tetrachloroethene was found at 5 -25 ppb. These concentrations in front of Bldg 39 were below those closer to Bldg 37.

2.4 Hazardous Waste Management

Through the 1960s and into the mid 1980s GA managed its hazardous wastes at the main site, at the foot of General Atomics Court, just northeast of Bldg 29 (see Figure 2). Low level radioactive waste hazardous waste recycling activities, waste incineration, solar evaporation ponds, storage areas and at least two waste burial areas have been found in historic documentation. This area, east of Bldg 22, was ultimately remediated and investigated with Phase I and II Assessments, contracted by the Chevron Land and Development Company (CL&D), to the satisfaction of current standards and the NRC and DHS in the early 1990s.

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CL&D targeted this acreage for material to fill adjacent canyons as part of its Torrey Pines Science Center Development (see section 2.7). The areas that had supported past hazardous waste management activities were excavated by 40 to 100 feet and no longer exist as part of the current GA site.

Since March 23, 1989 GA has been authorized, by the US EPA and the DTSC, to operate mixed waste storage and treatment units. Additionally, GA operated 18 hazardous waste management units under the lower permit Tiers of Conditionally Authorized (CA) and three under the Tier of Conditionally Exempted (CE). Three (3) of these 18 CA units were incorporated into the Interim Status authorization on May 20, 1994.

With DTSC's adoption of the Laboratory Taskforce's recommendations, bench scale treatment of laboratory waste is no longer viewed as an activity requiring a permit. Similarly, fume hoods have also been dropped from regulation. Therefore, GA decided to close fourteen of the remaining 15 CA permits. These units have now been certified closed as of July 17, 1997. The final CA unit, located in Bldg 25 (NWPF-3) will be incorporated into the RCRA Permit upon approval. Of the two CE units, one will be incorporated into the RCRA permit upon approval. The second CE unit remains in operation at Bldg 34. Hazardous waste management has been restricted to the 90-day generator limits with a few buildings having satellite storage (e.g. B-34).

2.5 Mixed Waste Management

DOE mixed waste generated at General Atomics are primarily from six (6) present or past nuclear research and development activities:

1. SVA (Bldg 37) location where fabrication of fuel for the High Temperature Gas-Cooled Reactor program occurred. The fuel consisted of a mixture of uranium and thorium carbide-coated particles pressed into a graphite matrix. The SVA operations were shut down in 1986.
2. Until 1992 GA participated in the DOE New Production Reactor program with the GA operated Modular High Temperature Gas-Cooled Reactor (MHTGR). This unit, though not built, was designed to provide a source of tritium for the DOE complex.
3. The Hot Cell and HTGR fuel lab were established to perform inspections and testing of irradiated fuel and activated components. Under DOE, NRC and DHS oversight, the D&D activities for these facilities is now more than 90% complete.
4. Ongoing fusion research and development associated with the Doublet III facility. This research is expected to continue to generate small amounts of mixed waste as long as the

experiment is in operation.

5. Two TRIGA research reactors have performed irradiation services over the years. Both the TRIGA Mark I and Mark F reactors, have been permanently shut down and the NRC has withdrawn GA's authorization to operate the reactors. Future decommissioning and decontamination of these reactors may produce mixed waste.
6. Building 39 was used to manufacture nuclear fuel pellets and assemblies. These operations involved forming and coating the pellets and various remote handling and assembly operations.

2.6 Regulatory Permits

GA operates under a general possession license from the California Department of Health Services (DHS). The DHS license No. 0145-80 allows GA to maintain specific quantities of radioisotopes (source and by-product material). The license also mandates monitoring and environmental sampling. Areas where radioisotopes are kept must undergo radiation surveys and sampling prior to being released by DHS to unrestricted use. Each closure or D&D operation is treated as an amendment to the operating license.

Since the late 1950's GA has been operating under licenses from the Nuclear Regulatory Commission (NRC). The NRC license SNM-696 is a broad scope general license authorizing the possession and use of special nuclear material. The NRC, Nuclear Reactors Program, has issued separate operating licenses for two TRIGA fission reactors. Both licenses have been amended to authorize possession only. The authorization to operate the reactors was withdrawn following GA's request. The reactor licenses encompass the fuel storage, the reactor possession and the environmental monitoring. The NRC requires strict control and monitoring of access to these buildings and reviews all D&D activities prior to authorizing a "free release" for the land and the associated buildings. The site sampling procedures include radioactive and hazardous waste residues.

2.7 Site Location and Land Use

General Atomics is located approximately 13 miles north of downtown San Diego, just southwest of the convergence of Interstate 5 and 805 and one mile east of the Pacific Ocean, as shown on Figure 1. The original facility address was *10955 John Jay Hopkins Drive*. The street is named after the General Dynamics chairman credited for founding General Atomics on July 18, 1955.

After a series of developments and accompanying street construction and re-alignment

projects the physical address changed to **3550 General Atomics Court, San Diego, California 92121**. General Atomics Court is an eastwardly cross-street to John Jay Hopkins Drive that leads to GA's main gate. Mail and freight deliveries are received at 3483 Dunhill Street.

GA occupies two separate, but adjacent parcels of land each roughly 60 acres, for a total of approximately 120 acres. The upper parcel, referred to as the main or mesa property, is accessed from General Atomics Court, via John Jay Hopkins Drive, and includes the administrative, a majority of the research activities and the NWPF-3. The lower parcel, referred to as Sorrento Valley property may be accessed from the upper site via Tower Road (off of General Atomics Court), or alternatively from Roselle Street in the valley itself. Operations at the Sorrento Valley property include the Doublet III-D, the mixed waste storage and treatment, additional research space, and a third portion of properties that are leased to other commercial enterprises on Flintkote Avenue. The physical address of the mixed waste operations is **11222 Flintkote Street**. The area encompassing and surrounding the GA main property is zoned for Scientific Research (SR Zoned). The Sorrento Valley property is zoned for light industrial use.

The facility lies in census tract no. 83.17, San Diego Region, University Subregion. Based on the 1990 US census data, a total of 4,609 residents were estimated to be within a one (1) mile radius from the GA facility. Sensitive receptors within a two mile radius include several hospitals and two day care centers.

2.8 Chevron Land & Development

As mentioned in Section 2.1 above, GA was founded by the General Dynamics Corporation on virgin Torrey Pines land provided by the City of San Diego. Subsequently, the property changed ownership in a succession of corporate divestiture and merger related transactions. The last transaction involving the separate spin-off of up to 240 acres of formerly GA owned lands by the Chevron Corporation and the Chevron Land and Development Company (CL&D), in particular. It is noted that certain areas in the eastern portion of this acreage had been intensively used, by the earlier entity General Atomic, for its waste treatment and storage operations. These operations, among other things, included solar evaporation ponds, a recycling area and a chemical waste burning area.

Chevron, while divesting itself of a portion of its General Atomics site to its current owners, retained a significantly larger acreage (see Appendix VI) around the GA property upon which the "Torrey Pines Science Center" is currently being constructed. The development was to grow to include up to 304 acres in total. In addition to the road realignment and the preparation of 34 building lots the City required that four lots be set aside for open space. The development was to include 22 major buildings and the sale of property to other enterprises. Lots 31 through 34 (Appendix VI) constitute GA's main site of operation.

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CL&D was charged with contracting for the necessary environmental, geophysical and engineering studies to acquire City approval for infrastructure and subdivision for future building activities. In October and November 1988 Harding Lawson Associates prepared a Phase I Environmental Assessment, which led to a more detailed Phase II assessment in April of 1987. In addition to a broad based soil vapor survey and asbestos survey the Phase II assessment focused on:

- o The formerly NRC and DHS decommissioned Rad Waste Processing/Treatment Area;
- o Asphalt burial site; and
- o Solar Evaporation Ponds and confirmed spill areas.

Maps of these areas are provided in Appendix VI. The Phase II identified 16 sites proposed for sampling. Records indicate that waste residues were removed and then subjected to severe earthmoving activities as authorized by the City of San Diego (see References 1, 2, and 3). The final excavation of this land resulted in no discernable trace of the referenced activities or the surrounding land.

The spin-off of up to 240 acres of formerly General Atomic owned lands by the Chevron Corporation and the Chevron Land and Development Company was accompanied with extensive environmental remediation and removal activities. The contracted Phase I and Phase II environmental assessments screened areas where past General Atomic activity had been noted. Identification and assessment for possible radiological or hazardous waste residues was carried out in much the same manner as the RCRA Corrective Action Program would with the RFA and the RFI Reports. These areas were also subject to NRC and DHS radiation surveys prior to being released to "unrestricted use". Selected areas in the eastern portion of this acreage had been extensively used, by General Atomic, for its former waste treatment and storage operations.

3.0 ENVIRONMENTAL SETTING:

The environmental setting is a coastal topography, with bluffs and mesas interspersed with steeply sloping canyons, cliffs and ravines. Operating units are split between an upper mesa, with storage areas in the lower Sorrento Valley property. Surface drainage from the site runs through the Soledad Valley into Los Penasquitos Creek, which flows to the northwest and empties into the Pacific Ocean. Prevailing wind is from the west-northwest with periods of flow from the east.

General Atomics is located in an area with typical San Diego County coastal topography, with bluffs and mesas interspersed with cliffs and ravines. Land uses surrounding the study area include existing scientific research and development parks to the north and the east across

Interstate 5, undeveloped land associated with the open space area of Torrey Pines State Park, research and development parks and a hospital to the west and the University of California San Diego campus to the south.

3.1 Surrounding Areas

The immediate area surrounding GA is subject to increasing commercial development. Efforts have been made to preserve and protect from hill side development. The surrounding mesas serve a variety of science and technology development enterprises.

There are two wildlife areas nearby to the GA site. These are the Torrey Pines State Reserve and the Los Penasquitos Lagoon. The Torrey Pines State Reserve was established to ensure protection of the rare Torrey Pine.

Lying just north and east of GA is the Soledad Valley. This is a northwesterly trending valley that discharges into the Pacific Ocean just north of the Torrey Pines State Reserve. Additional drainage areas include the Carmel Valley (northeast-southwesterly trending) to the north; the Penasquitos Canyon to the east; and, Carroll Canyon to the south. There are no lakes within the vicinity of GA to the north, south or west. Eight miles to the east of the GA site is the Miramar Lake Reservoir.

The land west of GA is characterized by a mesa lying 350 to 450 feet above mean sea level (MSL). To the east is Soledad Valley with steeply incised drainages. At one-half mile from the ocean it ranges 20 to 40 feet msl.

3.2 Geology

GS is located in the western portion of the Peninsular Ranges geomorphic province, which is characterized by northwest trending ridges and valleys separated by northwest trending lateral strike-slip faults. The western part of this province is underlain by a thick sequence of marine and nonmarine sedimentary rocks. According to published geologic maps, the subject site is underlain by the Ardath Shale, a weakly fissile olive-gray shale consisting of dense siltstones with some clay, and local concretionary beds. The Ardath Shale has been exposed during previous underground storage tank excavations.

The Sorrento Valley site consists of steep ridges and small narrow side canyons along the main track of the Sorrento Valley. Site specific geology consists of alluvium/slope wash and formational materials likely comprised of Eocene La Jolla Group. Older alluvium occurs at deeper depth east and west. Central deposits are nonhomogeneous. Aluvial fans occur at the mouths of the side canyons and extend into the Sorrento Valley. The site is underlain (in descending order) by: fill; recent alluvium primarily consisting of sand to clay sized stream

deposits; older alluvium composed of gravel to clay-sized particles; and, Eocene deposits of the La Jolla group. The La Jolla Group sediments consist of the Del Mar Formation and the Torrey Sandstone. The Del Mar Formation consists of sand with abundant interbedded clay and silt layers. The Torrey Sandstone contains sandstone with minor siltstone and conglomerate layers.

3.3 Hydrology

No major fresh water reservoirs exist within the local hydrogeological area. The regional aquifer in Sorrento Valley to the east occurs at an elevation of about 70 feet above mean sea level (MSL). The main GA facility is approximately 340 feet above MSL. In Sorrento Valley the Los Penasquitos Creek flows into Sorrento Slough, which is part of the Torrey Pines State Park. The Torrey Pines State Park is within one mile of the GA site. The slough is a game refuge and an area of tidal mud flats.

GA lies in the Penasquitos Hydrologic Unit, which is further defined as being within the Miramar Reservoir Hydrologic Subarea. The PHU encompasses 170 square miles and has no continuous streams. The MRH Subarea extends east of the Miramar Reservoir, north of Del Mar Heights Road/Black Mountain Road and south to Miramar Road. The hydrologic subarea discharges into the Sorrento Lagoon.

3.4 Climate and Meteorology

Prevailing wind is from the west-northwest with periods of flow from the east. The climate is temperate with an annual rainfall of 6 to 10 inches.

3.5 Surface Water

Surface drainage from the site runs through the Soledad Valley into Los Penasquitos Creek, which flows to the northwest and empties into the Pacific Ocean.

3.6 Surface Features

The general environmental setting is a coastal topography, with bluffs and mesas interspersed with steeply sloping canyons, cliffs and ravines. The main property is at an elevation of 300 to 360 feet above mean sea level. The lower 60 acres of the facility (a.k.a. Sorrento Valley property) is at an elevation of 50 to 75 ft above mean sea level. The two properties are connected by Tower Road, a private and gated road with open space and steep slopes on both sides.

Land uses surrounding the GA site include scientific research and development parks to the north and to the east across Interstate 5, undeveloped land associated with Torrey Pines State Park, research and development parks and a hospital to the west and the University of California at San Diego to the south. The main property is located within the Torrey Pines Mesa area and is currently zoned Scientific Research (SR). The University Community Plan designates open space and scientific research land uses. The immediate vicinity of the Sorrento Valley property is zoned for industrial use.

3.7 Windrose

Five miles to the east of the facility lies the Miramar Marine Air Station (MAS). The MAS operates the a National Climatic Center which is the closest available facility to General Atomics. Figure 3 is a copy of the Windrose obtained from the MAS. Prevailing wind is from the west-northwest with periods of flow from the east.

3.8 Ecology

The GA facility is located between La Jolla and Del Mar, in San Diego County, approximately 1.6 kilometers (1 mile) from the Pacific Ocean. There are two wildlife areas potentially affected. These are the Torrey Pines State Reserve and the Los Penasquitos Lagoon. The Torrey Pines State Reserve was established to ensure protection of the rare Torrey Pine. The Los Penasquitos Lagoon is a habitat for several federal or state listed birds, including the snowy plover, least tern and Belding's Savannah sparrow. Other bird species in the lagoon include the Blue Heron and Osprey. Major fish species (none rare or endangered) in the lagoon include the top smelt, mud sucker, arrow gobi, staghorn sculpin, mullet and opal eye.

Torrey Pine (*Pinus Torreyand* ssp. *Torreyand*) stands are located south and east of Del Mar (approximately three kilometers north of the GA site) and at the north end of the Torrey Pines State Reserve (approximately 1.6 km from GA). Some of the stands are overgrown with chaparral, which may have suppressed reproduction, while disease and insects are problems in other stands. For distribution of plant communities see Appendix VII.

3.9 Previous Site Assessments

Numerous environmental assessments (see Appendix IV) have been prepared in conformance with the U.S. DOE's Environmental Restoration mission, the DHS and NRC Nuclear Licenses and GA's collateral auditors. The governmental reviews include the Nuclear Regulatory Commission's "Environmental Impact Appraisal related to Special Nuclear Materials License No. SNM-696 (NUREG-0994)" of June 1983. Additional site assessments were prepared in the course of developing the area surrounding GA. The most notable of which was the development of the Torrey Pines Science Center which involved 304 acres.

Separate assessments for the Doublet DIII-D fusion reactor found no contamination. GA prepared the "Environmental Assessment for the Operation of DIII-D Facilities and Related Research", April 1994 (GA-C21729). DOE prepared the "Environmental Assessment for the Proposed Modification and Continued Operation of DIII-D Facilities", May 1995 (DOE-EA-1076).

GA prepared the "Environmental Assessment for the Decontamination and Decommissioning of the General Atomics Hot Cell", dated November 1993 (GA-C21425). The assessment for the D&D of the Hot Cell found elevated lead levels in a drain line.

US DOE, under its Environmental Restoration Program, is providing funding under a cost sharing agreement with GA to decontaminate and decommission (D&D) the GA Hot Cell facility site. The objective of this effort is to obtain from the NRC and DHS the release of the facility for unrestricted use. This has involved the dismantling and/or removal of equipment and materials, decontamination of the building structures, removal of the buildings, characterization and possible remediation of the soils.

Bechtel National, Inc. (Bechtel) prepared the "Final Report Findings for the General Atomics, Sorrento Valley Facility, Building 37N Focused Site Investigation" (FSI), dated November 1994. This focused site investigation was conducted to characterize shallow soil and groundwater conditions beneath the northern half of Building 37 (a.k.a. Sorrento Valley A, or SVA). This building actually consisted of several structures or parts of structures used for nuclear fuel production. Dismantlement of the northern half of the structure (also referred to as B-37N) was completed in 1994 as part of the Sorrento Valley, Building A (SVA) decommissioning project. The building was decontaminated to the maximum extent practical prior to demolition to bring radioactive contamination levels below release limits established by the NRC and DHS. The FSI focused on the southern portion of B-37N, where chemical contamination was found in soil samples collected from shallow depths during the Preliminary Site Investigation (PSI) performed by Bechtel in September 1993. The contaminated soil areas correspond to:

1. the former location of a small vaulted storage tank that previously contained

trichloroethene; and,

2. areas where environmental monitoring (HNU field screen) performed during slab removal indicated the presence of organic constituents.

General Atomics was responsible for the radiological analyses and the data interpretation. A former vaulted storage tank that contained trichloroethene (TCE) and piping were identified as potential contaminant sources. Using hand augers 24 soil samples were collected during this investigation. These samples indicated that TCE was present in the soil to a depth of at least 20 feet below the ground surface of the production floor. TCE in soils were found in a limited area around the former concrete vaults within the southern-half of the B-37N site. Lower concentrations of TCE were detected in soil samples collected from a wider area around the site. The groundwater samples collected to the east of the former tank storage area also contained TCE at levels up to 59 mg/L.

3.10 Corrective Action for Soil

Using hand augers, 24 soil samples were collected during the investigation of Building 37N. These samples indicated that TCE was present in the soil to a depth of at least 20 feet below the ground surface of the production floor. TCE in soils were found in a limited area around the former concrete vaults within the southern-half of the B-37N site. Lower concentrations of TCE were detected in soil samples collected from a wider area around the site. Recently submitted soil and groundwater data from two separate soil borings returned concentrations of TCE, on December 2, 1998, at 571 and 338 ug/kg at 35-35.5 ft bgl and 41-41.5 ft bgl, respectively. The corresponding TCE data for the groundwater was measured as 85.3 and 229 ug/L, respectively (see June 17, 1999 from GA to David Felix of San Diego County).

The investigation provided the following additional information about the vertical and areal extent of site-related chemicals in the soil and groundwater:

1. the highest TCE concentrations were found in soil samples collected from a depth of approximately 5 feet below the ground surface.
2. based on field monitoring, visual clues to soil strata that contain the highest levels of TCE contamination are areas that appear grayish and seem to hold more moisture than the surrounding soil from adjacent areas.
3. groundwater sampling east of the B-37N site indicated the presence of TCE contamination in the underlying aquifer.

4. soil pH was within normal limits expected for natural soils. There is no evidence of impact by acidic materials in soil samples analyzed for the FSI
5. no identifiable semi-volatile organic compounds were reported present in soil or water samples.

3.11 Corrective Action for Groundwater

In September 1994 Geocon installed seven monitoring wells to assess the extent of groundwater contamination around Building 37N. The following data was collected from the monitoring wells in February 1995.

Table 3.1: Groundwater Borings:

WELL No.	Depth to GW (ft)	GW Elevation (msl)	Casing Elevation (msl)
MW-102	37.92	21.03	58.95
MW-401	36.00	22.09	58.09
MW-901	13.47	20.98	34.45
MW-902	15.41	21.08	36.49
MW-903	24.49	23.20	47.69
MW-904	14.32	22.11	36.43
MW-905	18.00	21.39	39.39

The Barrett Consulting Group reported that sampling was conducted in accordance with the Standard Operating Practices that satisfy the guidelines presented in the 1995 County of San Diego Site Assessment and Mitigation (SAM) Manual. Groundwater samples collected by the Barrett Consulting Group in 1995, were analyzed for chlorinated volatile organics by EPA Method 8010 and for aromatic volatile organics by EPA method 8020. Groundwater samples collected by Geocon in 1994 were analyzed by EPA Method 8240.

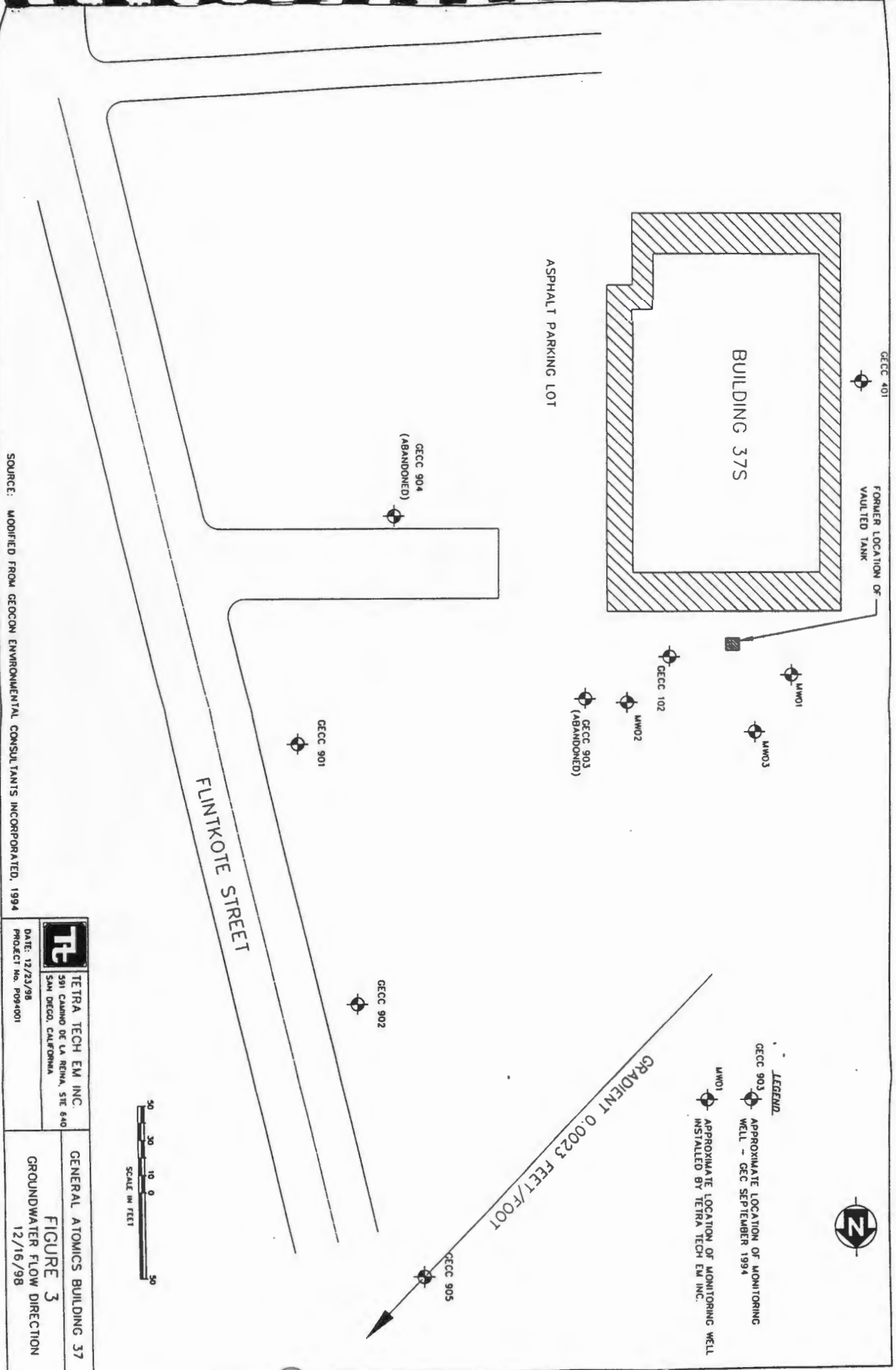
The following data is summarized from a May 13, 1999 report by Tetra Tech EM Inc. to GA:

TABLE 1. Summary of Analytical Results from Building 37 Groundwater Investigations
General Atomics, San Diego, California

Description	Date Collected	Lab	Sample ID	Compounds Detected, µg/L												
				TCE	PCE	1,1-DCE	1,1-DCA	1,2-DCA	TCFM	CLFM	MeCl	Toluene	c-1,2-DCE	CTET		
Well 01	12-01-98	CEL	MW-01	40.1	49.9	9.2	<1.0	<0.5	<10	<1.0	<10	<1.0	<1.0	<0.5		
	12-01-98	CEL	MW-02	85.3	22.4	4.6	<1.0	<0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5		
Well 03	12-01-98	CEL	MW-03	229	198	54.3	5.6	<0.5	53	3.0	33.4	<1.0	<1.0	<0.5		
	09-26-94	ATI	MW-102	48,000	290	<250	<250	<250	<1300	<250	<1300	<500	<250	<250		
Well 102	02-16-95	ATI	MW-102Q	31,000	1,100	<1,000	<1,000	<1,000	<10,000	<1,000	<10,000	<2,500	<1,000	<1,000		
	02-16-95	ATI	MW-102	27,000	<1,000	<1,000	<1,000	<1,000	<10,000	<1,000	<10,000	<2,500	<1,000	<1,000		
	02-16-95	MBT	MW-102	44,000	1,300	<100	<100	<100	<100	<100	<2,000	5.5	<100	<100		
	02-16-95	MBT	MW-102Q	41,000	1,000	<500	<500	<500	<500	<500	<10,000	11	<500	<500		
	07-08-98	CEL	MW-102	59,000	310	90	5	<1	50	80	55	1.7	1	1		
	09-27-94	ATI	MW-401	41	89	13	3	<1	22	<1	<5	24	<1	<1		
Well 401	02-16-95	ATI	MW-401	58	140	20	<4.0	<4.0	<40	<4.0	<40	<10	<4.0	<4.0		
	02-16-95	MBT	MW-401	78	160	20	<5.0	<5.0	33	<5.0	<100	5	<5.0	<5.0		
	07-08-98	CEL	MW-401	210	59	19	8	<1	21	<1	<5	0.8	<1	<1		
Well 901	09-26-94	ATI	MW-901	<1	<1	<1	<1	<1	<5	<1	<5	<2	<1	<1		
	02-15-95	ATI	MW-901	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<0.20	<2.0	NM	<0.20	<0.20		
	02-15-95	MBT	MW-901	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	NM	<0.50	<0.50		
	07-08-98	CEL	MW-901	5	<1	<1	<1	<1	<1	<1	<5	<0.3	<1	<1		
	07-08-98	CEL	MW-901-D	5	<1	<1	<1	<1	<1	<1	<5	<0.3	<1	<1		
Well 902	09-26-94	ATI	MW-902	44	29	4	<1	<1	<5	<1	<5	3	<1	<1		
	02-16-95	ATI	MW-902	32	19	3.3	<1.0	<1.0	<10	<1.0	<10	<2.5	<1.0	<1.0		
	02-16-95	MBT	MW-902	58	28	3.9	<0.50	1.1	1.7	<0.50	<10	<0.50	<0.50	<0.50		
	07-08-98	CEL	MW-902	60	18	6	<1	<1	1	<1	<5	<0.3	<1	<1		

TABLE I. Summary of Analytical Results from Building 37 Groundwater Investigations
General Atomics, San Diego, California (continued)

Description	Date Collected	Lab	Sample ID	Compounds Detected, µg/L												
				TCE	PCE	1,1-DCE	1,1-DCA	1,2-DCA	TCFM	CLFM	MeCl	Toluene	c-1,2-DCE	CTET		
Well 903	09-26-94	ATI	MW-903	6,200	<40	<40	<40	<40	<200	<40	<200	<80	<40	<40		
	02-16-95	ATI	MW-903	2,400	<80	<80	<80	<80	<800	<80	<800	<200	<80	<80		
	02-16-95	MBT	MW-903	3,500	<5.0	5.7	<5.0	<5.0	<5.0	<5.0	<100	0.63	<5.0	<5.0		
Well 904	09-27-94	ATI	MW-904	<1	<1	<1	<1	<1	<5	<1	<5	<2	<1	<1		
	02-15-95	ATI	MW-904	0.66	<0.20	<0.20	<0.20	<0.20	<2.0	<0.20	<2.0	NM	<0.20	<0.20		
	02-15-95	MBT	MW-904	0.65	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	NM	<0.50	<0.50		
Well 905	09-27-94	ATI	MW-905	33	43	8	<1	<1	<5	<1	<5	4	<1	<1		
	02-16-95	ATI	MW-905	23	29	5.1	<1.0	<1.0	<10	<1.0	<10	<2.5	<1.0	<1.0		
	02-16-95	ATI	MW-905 Duplicate	23	28	4.6	<1.0	<1.0	<10	<1.0	<10	<2.5	<1.0	<1.0		
	02-16-95	MBT	MW-905	75	80	7.1	0.60	<0.50	3.8	<0.50	<10	<0.50	<0.50	<0.50		
	02-16-95	MBT	MW-905 Duplicate	46	46	8.4	0.73	<0.50	4.6	<0.50	<10	<0.50	<0.50	<0.50		
	07-08-98	CEL	MW-905	52	31	10	<1	<1	5	<1	<5	<0.3	<1	<1		
Reference Values - Primary Maximum Contaminant Levels for Drinking Water taken from the 7/95 Completion of Water Quality Goals, RWQCB:CVR				5	5	6	5	0.5	150	100	5	150	6	0.5		



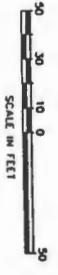
SOURCE: MODIFIED FROM GECON ENVIRONMENTAL CONSULTANTS INCORPORATED, 1994

TE
 TETRA TECH EM INC.
 191 CAMINO DE LA REINA, STE 640
 SAN DIEGO, CALIFORNIA

DATE: 12/23/98
PROJECT NO. P094001

GENERAL ATOMICS BUILDING 37

FIGURE 3
GROUNDWATER FLOW DIRECTION
12/16/98



LEGEND
 CECC 903 APPROXIMATE LOCATION OF MONITORING WELL - GEC SEPTEMBER 1994
 MWO1 APPROXIMATE LOCATION OF MONITORING WELL INSTALLED BY TETRA TECH EM INC.

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Building 39:

Contracted by GA, from November 13 to 25, 1996 Strata-Tech, Inc. made six borings (GW 1 through 6) around Building 39. The borings were made with a hollow stem auger with a 2-inch diameter bore and reportedly extended 4 to 10 ft into the groundwater. Disposal balers were used to take a 4.58 liter and a 100 ml sample from each boring. No water quality parameters (eg. conductivity, turbidity or temperature) were reported. Subsequent to sampling the borings were backfilled with grout and sealed.

Table 3.3: Groundwater Borings:

Boring No.	Elevation Marker (ft)	Depth to GW (ft)	GW msl Elevation ^a	Depth of Boring (ft)	Observations Noted	Completion
GW-1	31.5	51.5	20	56.5	No caving	11/25/96
GW-2	33	53	20	58.5	No caving	11/25/96
GW-3	28.5	49	21.5	53	No caving	11/25/96
GW-4	8	27	19	38	-	11/14-15/96
GW-5	3.5	23.5	20	28.5	-	11/18/96
GW-6	0	20.9	20.9	29.5	-	11/13/96

Note: a -Calculated values.

The December 20, 1996 report by Strata-Tech noted that the samples were turned over to GA for hazardous and radiological sampling. GA had the groundwater samples sent to Ceimic Corp of San Diego for analysis. Laboratory reports for a metals scan, US EPA method 8081 (PCB), method 8240 (volatiles) and method 8270 (semivolatiles) were submitted as outlined below:

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Table 3.4: Groundwater Results for B-39:

Boring No.	Sample Date	Analysis Date	Tetrachloroethene (ppb)
GW-1	11/25	11/26	<5
GW-2	11/25	11/26	<5
GW-3	11/25	11/26	<5
Trip Blank	11/25	11/26	<5
GW-4	11/15	11/27	25
GW-5	11/18	11/27	6
GW-6	11/14	11/27	15
Trip Blank	11/18	11/14	<5
Re-Extract of GW-6	11/18	12/5	<5

It was noted that the metals concentrations were all quite low, and significantly below the hazardous waste Soluble Threshold Limit Concentration (STLC). Similarly, the PCB results were below the 1 or 2 (Aroclor-1221) ppb detection limit. Although all groundwater-boring samples were subjected to analysis for semivolatiles only the re-extract of GW-6 reported a hit above the tens of ppb detection limits and that was for benzoic acid at 52 ppb.

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Figure 4: SORRENTO VALLEY "B" SITE PLAN

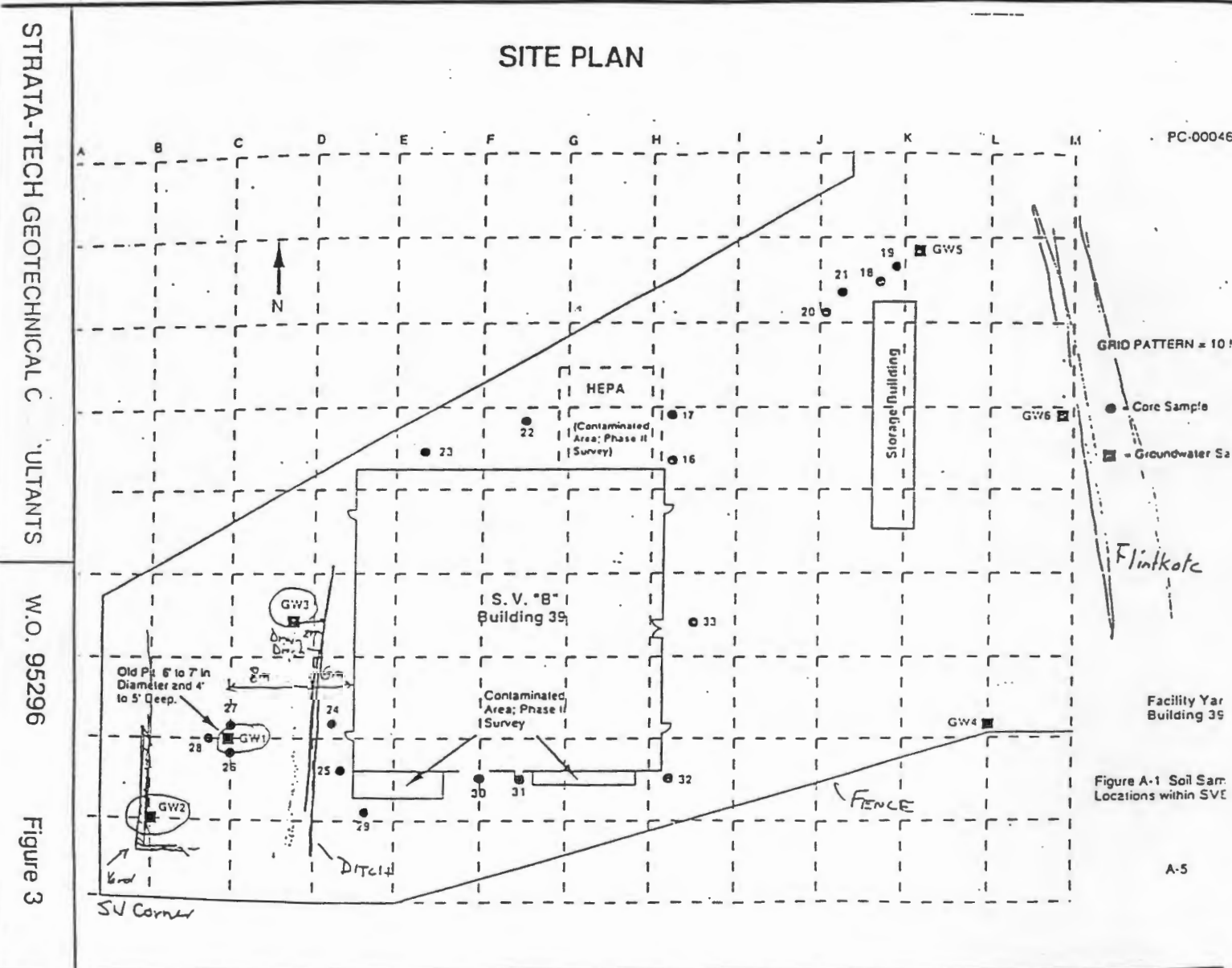
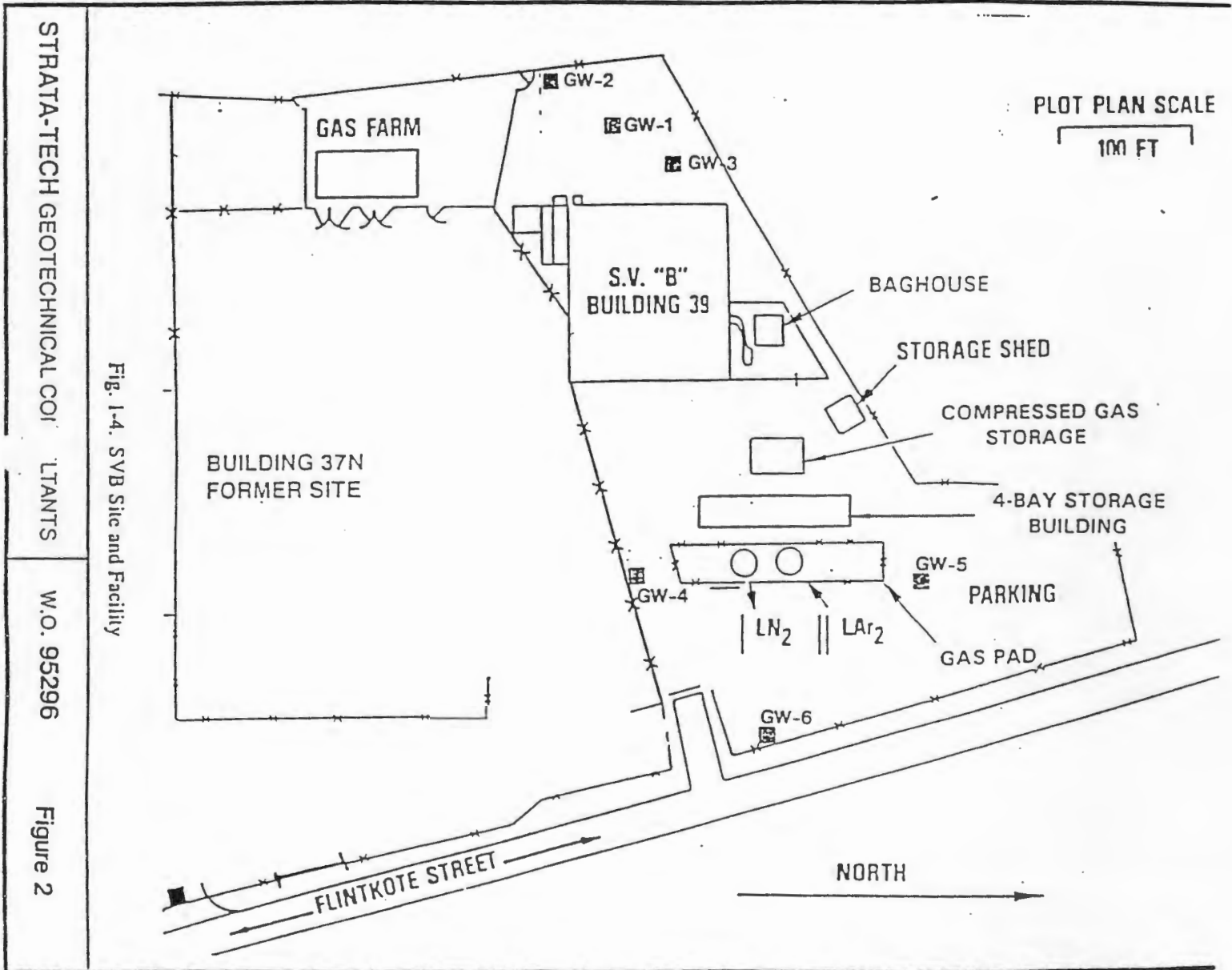


Figure 5: SVB Site Perspective by Strata-Tech



4.0 DESCRIPTION OF SOLID WASTE MANAGEMENT UNITS

Distinct Solid Waste Management Units (SWMUs) have been identified to evaluate potential on-site sources of releases to soil, groundwater, surface water, air, and subsurface gas. A SWMU is defined as any discernable waste management unit at a RCRA Facility from which hazardous constituent might migrate from, irrespective of whether the unit was intended for the management of solid and/or hazardous waste.

Eight units have been identified as SWMUs. They are described individually on the following pages. Descriptions of SWMUs include: date of start-up; date of closure; waste management; history of releases; results of visual site investigation; and conclusions regarding potential for soil and/or groundwater, surface water, air and subsurface gas releases.

4.1 SWMU No. 1: Building 25, Nuclear Waste Processing Facility 3

Description of the Unit: Radioactive and Mixed Waste Water Treatment

This structure is used to house treatment tanks and storage area for consolidating radioactive and mixed wastes. The building is made of corrugated metal with a sealed concrete floor and six inch berm. The structure itself is relatively small at 25'x25' and standing 18' high. There are three high density polyethylene treatment tanks of 100, 700 and largest of 1,900 gallon capacity. Treatment processes involve neutralization, precipitation, and filtration.

Date of Start-Up:

The building and its treatment tanks went into service in 1985.

Date of Closure:

Final facility closure expected in about the year 2001 (see RCRA Permit Closure Plan).

Waste Management:

Mop, sink and laboratory wastewater, decontamination solutions, inorganic caustics and acidic scrubber solutions are treated. Treatment consists of neutralization, precipitation and filtration so as to meet the Industrial Wastewater Discharge permit criteria. Hazardous waste residues are containerized and/or solidified for off-site disposal.

History of Releases:

No releases reported. However, given the nature of the waste, the possibility of soil settling and its affect on plumbing to the sewer main, it is suggested that soil sampling is advised. PVC piping was observed exiting the building foundation.

Results of Visual Site Investigation:

Visual inspection of the unit indicates a relatively clean operation. No major staining or areas of

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standing liquids were noted. The area around the structure has been subject to shifting soils and the surrounding vegetation appears maintained.

CONCLUSIONS:

Soil/Groundwater Release Potential:

The potential for releases to soil and/or groundwater is limited due to the use of a secondary containment berm along the base of the building. The use of the area for staging or unloading operations is of potential concern. The PVC piping used both inside and below the soil surface might easily have been weakened by embrittlement or the shifting soils. There is further concern about residual radiation in the piping or equipment, the structure itself. No major cracks were observed in the secondary containment floor during the time of the VSI. The concrete containment floor was not coated with a chemical resistant coating.

Surface Water Release Potential:

There is low potential for releases to surface water since the building provides an adequate secondary containment.

Air Release Potential:

The potential for on-going release potential is low.

Subsurface Gas Release Potential:

Although this unit was built over fill material, ranging in depth from five to thirteen feet, the fill material is believed to be free of anthropogenic materials. Depending on the conditions of the underground piping, or leak tests thereon, there is a low possibility of gas releases to the soil and associated soil gas generation.

4.2 SWMU No. 2: Building 41, Filtration Unit

Building 41 is a one-story 14,354 square foot galvanized steel high-bay structure with a poured concrete floor. The floor is sealed with a non-reactive epoxy. The structure houses laboratory space, offices and the mixed waste processing areas. Included in this processing area is a 175 gallon high density polyethylene tank. The building is equipped with an exhaust system that uses a prefilter and HEPA filter prior to discharging air from the mixed waste storage and treatment area.

Date of Start-Up: April 10, 1984

Date of Closure:

Final facility closure expected in year 2001 (see RCRA Permit Closure Plan).

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Waste Management:
Mixed waste staging and treatment.

History of Releases:
No releases or history of releases noted.

Results of Visual Site Investigation:
Visual inspection of the unit and the immediate area showed no sign of releases.

CONCLUSIONS:

Soil/Groundwater Release Potential:
The potential for releases to soil and/or groundwater is unknown because it is limited because of secondary containment provided. It is also noted that the floor was coated with a chemical resistant coating.

Surface Water Release Potential:
There is low potential for releases to surface water since the building provided secondary containment.

Air Release Potential:
There is no evidence indicating past releases to air; therefore, the potential is low due to the exhaust system and HEPA filter. With proper maintenance of the exhaust system there should be no releases from this unit.

Subsurface Gas Release Potential:
There are no subsurface structures (e.g. tanks) associated with this mixed waste treatment unit. However, there is a stormwater sump at the northwest end of Building 41. The potential for release is considered low.

4.3 SWMU No. 3: Building 41, Mixer Unit

The mixer is situated under an air emission hood that draws vapors and aerosols into the HEPA exhaust system. The mixer unit is used to promote neutralization and to solidify mixed waste streams. Further details of the mixer unit appear in the RCRA Part B application.

Date of Start-Up: April 10, 1984

Date of Closure:
Final facility closure expected in about the year 2001 (see RCRA Permit Closure Plan).

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Waste Management:

Mixed waste are consolidated at Building 41. Compatible waste may be blended using the mixer unit, with reagents to promote neutralization and to solidify. Solidification involves the blending of waste with Portland cement, diatomaceous earth, polymer (e.g. STERGO) and clay absorbents such as Aquaset and Petroset. The blended waste is typically allowed to set for a given period of time in open head 55-gallon drums.

History of Releases:

No releases or history of releases noted.

Results of Visual Site Investigation:

Visual inspection of the unit and the immediate area showed no sign of releases.

CONCLUSIONS:

Soil/Groundwater Release Potential:

The potential for releases to soil and/or groundwater is unknown because it is not known if past operations were provided with secondary containment. The potential for release is considered to be low.

Surface Water Release Potential:

There is low potential for releases to surface water since the building provided an adequate secondary containment.

Air Release Potential:

There is no evidence indicating past releases to air; therefore, the potential is low. There is no on-going release potential due to the closure of this unit.

Subsurface Gas Release Potential:

This unit does not have a record of connections to the subsurface that might contribute to releases. Therefore, potential for release is considered low.

4.4 SWMU No. 4: Building 41, Drying Oven

Date of Start-Up: April 10, 1984

Date of Closure:

Final facility closure expected in about the year 2001 (see RCRA Permit Closure Plan).

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Waste Management:

This unit is used to dry mop heads, rags, filters and similarly small quantities of mixed or hazardous wastes.

History of Releases:

There are no releases or history of releases noted.

Results of Visual Site Investigation:

Visual inspection of the unit and the immediate area showed no sign of releases.

CONCLUSIONS:

Soil/Groundwater Release Potential:

The potential for releases to soil and/or groundwater is unknown because it is not known if past operations were provided with secondary containment. The potential for release is considered to be low.

Surface Water Release Potential:

There is low potential for releases to surface water since the building provided an adequate secondary containment.

Air Release Potential

There is no evidence indicating past releases to air; therefore, the potential is low.

Subsurface Gas Release Potential

This unit does not have a record of connections to the subsurface that might contribute to releases. Therefore, potential for release is considered low.

4.6 SWMU No. 5: Building 41, Baler/Compactor

Date of Start-Up: April 10, 1984

Date of Closure:

Final facility closure expected in about the year 2001 (see RCRA Permit Closure Plan).

Waste Management:

Used to reduce the volume of wastes, this unit is used to crush solid materials contaminated with radioactive, or mixed waste.

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History of Releases:

No releases or spills were noted.

Results of Visual Site Investigation:

Visual inspection of the unit found no obvious signs of releases or spillages.

CONCLUSIONS:

Soil/Groundwater Release Potential:

The potential for releases to soil and/or groundwater is unknown because it is not known if past operations were provided with secondary containment. The potential for release is considered to be low.

Surface Water Release Potential

There is low potential for releases to surface water since the building provided an adequate secondary containment.

Air Release Potential

There is no evidence indicating past releases to air; therefore, the potential is low.

Subsurface Gas Release Potential

This unit does not have a record of connections to the subsurface that might contribute to releases. Therefore, potential for release is considered low.

4.7 SWMU No. 6: Building 41, Lower Yard Storage Area

Adjacent and to the east of Building 41 is the Lower Yard low-level radioactive or mixed waste storage yard. The yard is paved asphalt sloping to a six inch berm. The yard is referred to as consisting of two areas. Area SU41-1 is a tarped storage shed with secondary containment pallets, while SU41-2 is an open area for boxes and other containers.

Date of Start-Up: April 10, 1984

Date of Closure:

Final facility closure expected in about the year 2001 (see RCRA Permit Closure Plan).

Waste Management:

This unit is used to store containerized wastes. Containers, primarily 55-gallon drums, are stored sealed on spill pallets, with plastic tarps or tents over them to protect against the elements.

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History of Releases:

No releases were reported or noted during the file reviews.

Results of Visual Site Investigation:

Visual inspection of the asphalt paved unit showed that it sloped to the southeast. The existence of a berm provides limited protection from runoff. No obvious signs of spills or releases were observed.

CONCLUSIONS:

Soil/Groundwater Release Potential:

The potential for releases to soil and/or groundwater is limited because secondary containment was provided. No significant cracks were noted.

Surface Water Release Potential:

There is low potential for releases to surface water since the building provided an adequate secondary containment.

Air Release Potential:

There is no evidence indicating past releases to air; therefore, the potential is low. There is no on-going release potential due to the closure of this unit. An unpaved equipment storage area is to the east.

Subsurface Gas Release Potential:

This unit does not have a record of burial or disposal to the subsurface soil that might contribute to releases. Therefore, potential for release is considered low.

4.8 SWMU No. 7: Building 41, Upper Yard Storage Area

Located at the foot of the hillside, across from Building 37, this unit is a fenced area approximately 120 ft by 50 ft with a bunker for the storage of more highly radioactive materials.

Date of Start-Up: April 10, 1984

Date of Closure:

Final facility closure expected in about the year 2001 (see RCRA Permit Closure Plan).

Waste Management: Storage Area for Low-level Radioactive Waste and Mixed Waste.

The area is paved with asphalt and slopes downward to the south east. Immediately to the east is an equipment storage area that is also paved.

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History of Releases:

No releases have been reported.

Results of Visual Site Investigation:

Visual inspection of the unit shows what appears to be a well weather asphalt surface with limited berms. This area is now used solely for the storage of solid, or solidified mixed or radioactive wastes.

CONCLUSIONS:

Soil/Groundwater Release Potential:

Like the Upper Yard, the Lower Yard is paved and bermed with asphalt. The Lower Yard asphalt appears to be well maintained and has been previously reapplied. The area slopes to the east with a six inch asphalt berm providing secondary containment. The potential for releases is considered to be moderate to low.

Surface Water Release Potential

There is low to no potential for releases to surface water.

Air Release Potential

There is no evidence indicating past releases to air; therefore, the potential is low. There is no on-going release potential due to the closure of this unit.

Subsurface Gas Release Potential

This unit does not have a record of connections to the subsurface that might contribute to releases. Therefore, potential for release is considered low.

4.10 SWMU No. 8: Building 37N, Residual Contamination

This unit (both walls and foundation), an appendage to B-37, has been fully dismantled and removed. A subsurface vaulted tank, suspected as a source of contamination, has been excavated and removed. The surface has been graded and covered with asphalt. Building 37 is also known as Sorrento Valley "A". What is designated as Building 37N is merely the dismantled northern half of the SVA or Building 37 structure, which is now a capped with asphalt and restricted from use as a parking lot.

During the decommissioning of Building 37N, under the oversight of the NRC and DHS, TCE was found in soil and groundwater samples. Monitoring wells were placed to the north and northwest of what remains as Bldg 37.

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The site soils are primarily composed of alluvium formed from the weathering and transportation of older formations composed of sandstone, siltstone and limestone. The older alluvium contains a relatively large percentage of gravel up to boulder size material. The depth of compacted fill below B-37N ranges up to 18 feet below the existing grade at approximately 53 feet mean sea level (MSL).

A fenced area to the west of Bldg-37, with a concrete foundation, is still being used to store excess equipment and chemical such as paints and oils. Relatively minor staining was observed.

Date of Start-Up: 1959

The SVA facility was established in 1959 to foster the research and development of ceramic-based nuclear fuel materials and to fabricate high temperature gas-cooled reactor fuel assemblies. From 1962 to 1989 the SVA facility was used to fabricate enriched nuclear fuel for energy and defense related projects. B-37N and other structures were used for nuclear fuel production.

Date of Closure: 1995

Bldg-37N was demolished as part of the SVA Decommissioning Project between July 1993 and February 1994.

Waste Management:

Bldg-37N housed fuel fabrication process facilities, machine shops, laboratories, storerooms, a clean change room and an eating area. Principle wastes generated consisted of machine shop solvents.

History of Releases:

Facility was affected by storm water runoff from the hillside in the late 1970's.

Results of Visual Site Investigation:

Visual inspection of the unit was not feasible because the entire unit has been removed. This area is now covered with asphalt.

CONCLUSIONS:

Soil/Groundwater Release Potential:

The full extent of past releases to soil and/or groundwater is uncertain because it is not known.

Surface Water Release Potential:

Surface contamination is limited and significantly removed from surface water bodies.

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Air Release Potential:

There is no evidence indicating past releases to air; therefore, the potential is low. There is no on-going release potential due to the closure of this unit.

Subsurface Gas Release Potential:

This unit does not have a record of connections to the subsurface that might contribute to releases. Therefore, potential for release is considered low.

5.0 AREA OF CONCERN

An Area of Concern (AOC) is defined as a unit which may not be a Solid Waste Management Unit, but still have the potential for releases of hazardous waste or hazardous constituent(s).

The following unit, because of its potential remediation needs has been identified as an AOC:

5.1 AOC No. 1: Building 21, TRIGA Building

This building is part of a complex of buildings to house and support development of the TRIGA reactor program. Completed in the 1960s, this structure currently houses the Mark I and Mark F non-power research reactors. GA no longer has need to use the facilities and is obligated to remove the contamination from this surplus facility in accordance with the NRC and DHS license requirements. The facility operations were evaluated in an Environmental Impact Appraisal prepared by the US NRC Office of Nuclear Materials Safety and Safeguards (NUREG-0994). No significant impact to health, safety or the environment was identified. Previous efforts to refurbish the facility were conducted in 1978 and 1979.

Date of Start-Up: 1959

Date of Closure: Scheduled for completion in 2001

Waste Management:

An asphalt paved and fenced service yard to the west of this building was used to store excess equipment, lead bricks and cadmium (used for shielding) and other maintenance related materials.

History of Releases:

No uncontained releases were reported.

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Results of Visual Site Investigation:

Visual inspection/walk-through indicated that much of the operations had ended or were mothballed. The outer service yard contained quantities of salvagable metals and miscellaneous items. The asphalt was in poor shape with uneven surface and subsidence or sink-holes. The area was separately fenced and monitored.

CONCLUSIONS:

Soil/Groundwater Release Potential:

The potential for releases to soil and/or groundwater is unknown because little if any soil sampling has been undertaken. A separately fenced area behind the building was used for electrical transformer and cooling systems. The area is paved with asphalt, but in a very deteriorated state. It is not known if there were releases of hazardous waste constituents.

Surface Water Release Potential:

There is low potential for releases to surface water since the building provided an adequate secondary containment.

Air Release Potential:

There is no evidence indicating ongoing releases to the air; therefore, the potential from current operations is low and the reactors are no longer operating.

Subsurface Gas Release Potential:

This unit does not fall under one of the following areas of concern as specified in the EPA's RCRA Facility Assessment Guidance; an active or closed landfill or a unit which has been closed as a landfill. Therefore, potential for release is considered low.

6.0 VISUAL SITE INSPECTION:

To verify and clarify the status of facilities at GA several inquiries of employees' memories were made by telephone and in person during site visits. Site visits to GA were made on November 5, 6, and 7 1996 and on February 2 and 3, 1998. People interviewed included Dr. Keith Asmussen, Art Barsell, Paul Englert and others.

Laboratories housed within Building 2, the waste collection procedures and treatment practices were observed and discussed with facility personnel. GA has leased space to numerous separate companies engaged in a range of scientific research. Review of county files indicated no unusual incident report or violations warranting further investigation or remediation.

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The main site operations also include office space, ground maintenance, tennis and volley ball courts and a swimming pool. Idle laboratory and manufacturing space such as that associated with Bldg 27, 23 and 22 were inspected. Associated with Bldg 27 a shielded radioactive materials storage bunker and a radioactive waste water storage tank were, respectively, entered and observed. Ongoing remediation efforts to D&D Bldgs 22 and 23 were observed and discussed with facility personnel.

Bldg 25 and its connection to the sanitary sewer system were noted. Bldg 25 lies on artificial fill material.

Historically, auxillary/emergency power supplies and winter heating for selected buildings were fueled from diesel tanks buried adjacent to occupied buildings. All USTs at GA have adequately met the closure requirements and oversight from the County of San Diego.

Connecting the main site, via General Atomics Court, with the Sorrento Valley site is Tower Road. Access to this road is controlled by GA, via a gate at General Atomics Court and a gate and guard booth at Dunhill Street in Sorrento Valley. A stormwater runoff culvert system, including holdup ponds run adjacent and to the east of Tower Road. The City of San Diego requires that the hill sides on either side of this roadway be maintained in a natural form as free space. The only exception are Bldgs 35 and 36 toward the bottom of the road. Bldg 35 is a multistory test tower originally used for exceptionally long assemblies and drop testing. This building has been surveyed for radiological contamination and has been shown to meet the criteria for release to unrestricted use. No hazardous waste residues or operations of concern were noted. Building 36 was being used for lab/pilot scale testing of a Supercritical Water Treatment system and aside from containerized waste little need for further investigation was noted.

Immediately adjacent to Dunhill Street is the Doublet III-D Fusion reactor experiment in Bldg 34. This is one of three fusion research reactors in the U.S. funded by the DOE. While principally drawing power from the local power grid this facility is capable of generating up to 2 megawatts of electricity for very short periods of time. This experimental reactor is unique in that it can operate fully enclosed and shielded. Hazardous waste operation included a mixed waste storage area in the southern end of the building and a waste oil/solvent collection point to the north.

Slab style commercial Buildings on Dunhill St and across from Bldg 34 are owned and leased out by GA, yet not part of its company operations.

Exiting the GA property at Dunhill Street and going west onto Flintkote Avenue brings one to the remaining GA operations. A controlled gate limits access to Bldgs 37, 39, 41 and 42. Buildings 37 and 39 have been or are being subjected to D&D activities. Bldg 41 and 42 house laboratory/research and testing operations. Most notable are the mixed waste treatment

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operations in Bldg 41. To the east of Bldg 41 is the lower storage yard. This is an asphalted and bermed area where mixed and radioactive wastes are stored. This area also is used to store transport containers. Beyond this yard is a separate salvage area on native soils.

To the west of Bldg 41 is the Upper Storage Yard and a radiation storage bunker. This area is used to store the more highly radioactive materials awaiting disposal.

7.0 CONCLUSIONS:

This RCRA Facility Assessment was performed to identify and assess Solid Waste Management Units and other Areas of Concern (AOC) at the General Atomics facility. This assessment is based on information found in the files of USEPA in Region IX, the U.S. Department of Energy field office in Oakland, the U.S. Nuclear Regulatory Commission field office in Walnut Creek, the DTSC Regional office, Regional Water Quality Control Board (RWQCB) for San Diego, the San Diego Air Quality Management District, the San Diego County Department of Health Services, and the San Diego Fire Department. None of the agency files were found to be complete, however, together they gave a composite of historical efforts to manage environmental impacts.

A total of 8 SWMUs (seven of which are operating units) and one AOC were identified and are described in Section 4.0 and Section 5.0 of this report. The SWMUs and AOC identified were:

SWMU No. 1:	Building 25, NWPF 3
SWMU No. 2:	Building 41, Filtration Unit
SWMU No. 3:	Building 41, Mixer Unit
SWMU No. 4:	Building 41, Drying Oven
SWMU No. 5:	Building 41, Baler/Compactor
SWMU No. 6:	Building 41, Mixed Waste Storage (Lower) Yard
SWMU No. 7:	SUUY, Upper Yard
SWMU No. 8:	Building 37N, Residual Contamination

AOC No. 1: Building 21, TRIGA Building

Each of the SWMUs was evaluated for the potential to have released contaminants to the soil and groundwater, surface water, air and as subsurface gas. The release potential is divided into four categories: low potential, medium potential, high potential, documented and unknown releases. A summary of release potential from each of the SWMUs is listed in Table 7.1.

The overall route and potential impact of the identified SWMUs on the environmental media at GA is as follows:

Soil/Groundwater Releases:

Releases to groundwater have been established in the area around Bldgs 37 and 39. The full nature and extent of contamination has not been established despite numerous borings and monitoring wells. Concentrations of trichloroethylene in the groundwater have been noted to be above the USEPA Maximum Contaminant Level (MCL); indicating a need for further investigation.

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There is a further concern about cumulative releases from Bldg 25. To date, there have been no documented releases. There is concern, however, for undocumented releases from activities surrounding the consolidation and handling of liquid wastes, as well as from cumulative activities, or releases from the discharge connection to the sanitary sewer. While all discharges are required to meet the Industrial Discharge Permit requirements any releases to the soil could result in an accumulation or hot spot.

The poor condition of the asphalted area outside Bldg 21 suggests that additional investigation for spills or releases is warranted. This area is subject to future D&D activities that might establish no further action necessary.

Because of its brackish nature and close proximity to the Pacific Ocean groundwater around the GA site is considered not suitable for drinking purposes. No major agricultural activities were noted and no active extraction wells were identified within a five mile radius.

Surface Water Releases:

Storm water discharge into the the lower lying Soledad Valley has the potential to connect with the seasonal Los Penasquitos Creek. This constitutes a migration route of potential concern, though no documented cases of unremediated surface water releases have been reported.

While a pump oil discharge to the storm drain system was witnessed during the August 1996 investigation/site visit it was remediated shortly thereafter. A stormwater run-off culvert behind Bldg 39 was noted and photographed. Although this culvert discharges north to the Soledad Valley no releases have been documented. Environmental sampling at the Bldg 39 culvert outfall point, however, would be advisable. It is reported that stormwater sampling identified no releases from the Sorrento Valley site.

Air Releases:

No sources of uncontrolled releases to the atmosphere have been noted. At Bldg-41 exhausts are vented through a HEPA filter system.

Subsurface Gas Releases:

No areas of subsurface gas generation potential have been identified. All land disposal units that might have contributed to subsurface gas generation have been excavated or otherwise remediated and no longer exist.

Human and ecological receptors include eight neighboring hospitals, two day care centers and the sensitive habitat areas in the Torrey Pines State Reserve and the Los Penasquitos Lagoon. Human exposure to uncontrolled gaseous, or particulate matter has been determined to be negligible. No impact on the Torrey Pines State Reserve and the Los Penasquitos Lagoon were noted.

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Table 7.1: SUMMARY OF RELEASE POTENTIAL FROM EACH SWMU

Unit	Soil and Groundwater	Surface Water	Air	Subsurface Gas
SWMU No. 1: Building 25	Moderate	Low	Low	Low
SWMU No. 2: Building 41, Filtration Unit	Low	Low	Low	Low
SWMU No. 3: Building 41, Mixer Unit	Low	Low	Low	Low
SWMU No. 4: Building 41, Drying Oven	Low	Low	Low	Low
SWMU No. 5: Building 41, Baler/Compactor	Low	Low	Low	Low
SWMU No. 6: Building 41, Mixed/Hazardous Storage (Lower) Yard	Moderate	Moderate	Low	Low
SWMU No. 7: SUUY, Upper Yard	Moderate	Moderate	Low	Low
SWMU No. 8: Building 37N	High	Moderate	Low	Low

8.0 RECOMMENDATIONS:

The information gathered, tabulated and recorded for the General Atomics RCRA Facility Assessment (RFA) has been largely gathered from the records of other regulatory agencies such as the US DOE and the NRC. The locations and scale of historical and present day waste management activities were reviewed and compared. GA under the tenure of the past two owners, was found to be proactive in monitoring its environmental practices and assessing the impacts from past practices at the site. While there were certain gaps in the documentation, the overall effort to review and assess waste management practices and their impacts are adequate.

Historically, since the 1960s until early 1980s, the eastern portions of the original General Atomic property on the mesa had been used for the treatment, disposal and incineration of on-site wastes. These areas were investigated, remediated and documented, by third party contractors, as part of development efforts by the Chevron Land & Development Corp. The waste management areas ultimately were remediated, pursuant to Phase I and Phase II environmental assessments and the adjacent land was excavated and used to fill surrounding canyons in anticipation of a County approved land development project. Today, no trace of either the waste management operations, the foundations nor the land remains. The spin-off of up to 240 acres of formerly GA owned lands by Chevron was accompanied with reconfiguration of GA's waste treatment and disposal operations. Today, the only form of disposal on site is via the industrial discharge permit into the sanitary sewer system.

Existing mixed waste treatment units constitute the practices of GA since its divestiture by Chevron in 1986. These units were reviewed for system integrity and spill control. If properly operated, they should pose little if no impacts. If properly operated and closed under the RCRA permit there should not be a need for further corrective action. Nonetheless, pursuant to Department guidelines all permitted units have been cited as SWMUs with the potential for future corrective action.

The subsurface areas around Buildings 37N and 39, appear to be contaminated with the chlorinated solvent trichloroethylene and its breakdown products. Of most concern are the difficulties GA has encountered to adequately characterize the hydrology, or the extent of groundwater contamination. Recordkeeping and the lack of clear objectives (as witnessed by the loss of a monitoring well) have contributed to spotty information, inconsistencies and inadequate picture of the environmental impact. The soil boring and monitoring well data suggest contamination in excess of the MCL standards. No formal corrective action plan has been initiated to remediate the groundwater. Neither the RWQCB, nor the San Diego County Department of Health have directed specific corrective action measures to control or remediate the groundwater. It is for these reasons these areas are identified as SWMUs and are being recommended for further corrective action.

Since 1980 thirteen underground storage tanks (UST) have been identified and closed.

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Based on County oversight and reporting by GA, all USTs on the GA property are deemed to require no further corrective action.

Separately, the closure of older nuclear research and manufacturing facilities, such as those in Buildings 21, 22, 23, 31 and 39 have proceeded with proactive sampling programs and systematic material removals to ascertain that no environmental contamination remains after the D&D activities have been conducted. These projects are funded in part by US DOE under its Environmental Restoration Mission. The closure of these nuclear operations are subject to the review and approval by DHS, NRC and/or US DOE.

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Appendix 1: Summary of Buildings:

Building #	Name	Status	Potential Contamination
1	Administration	office space	none
2	Science Laboratories A,B,C	Active (tenant occupied)	none
7	Cafeteria	Active	none
9	Experimental	offices & laboratories (tenant occupied)	none
10	Health Physics	Active	none
13	Technical Office	Active	none
14	Technical Office East	Active	none
15	Technical Office East	Active	none
19	Swimming Pool	Recreational use	none
21	TRIGA (2 reactors)	pending closure	future D&D
22	TRIGA Fuel Fab	Ogden Environmental, Inc. hazardous waste storage closed June 1992 under USEPA and DTSC oversight.	none
23	Hot Cell	pending remediation	D&D
25	Waste Water Treatment Building	RCRA permitted	SWMU
27	Radiochemistry	closed	D&D
27-1	Radiochemistry Bunker	closed	D&D
29	Office Space/Meeting Area	Active	none
29-2	Gardening Services	Active	none
30	LINAC Complex	R&D Linear Accelerator closed	none
31	TRIGA Storage Vault	Active	future D&D
31-1	Neutron Radiography	closed, now office space	none
31-2	ECF Critical Building	closed, now office space	none
31-3	Storage	Active	none
33	ICF Fusion	Inertial Confinement	none

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33-1	ICF Fusion Lab	Active	none
33-5	Fusion Building Annex 5	Active	none
34	Fusion DIII-D	Active	none
34-1	Fusion DIII-D Capacitor	Active	none
34-2	Fusion DIII-D Lab	Active	none
34-3	Fusion DIII-D Storage	Active	none
35	Test Tower Building	Pending release	none
35-1	Facilities (Shipping& Receiving)	Active	none
36	Blower Assembly Building	Supercritical water experimentation	none
37	Sorrento Valley Building	Research for advanced materials, superconductors, proton therapy	SWMU
39	Sorrento Valley Building	Closed (demolished)	D&D
39-1	Storage Building	Shed	D&D
41	Nuclear Waste Processing Facility	Active Waste Yard	SWMU
42	NDT Facility	QA/Monitoring Equipment	none
45	Staff Shop	Machine Shop	none
63	3550 Dunhill St	Commercially leased out by Sorrento West Properties	none
64	11030 Roselle St.	Commercially leased out by Sorrento West Properties	none
65	11040 Roselle St.	Commercially leased out by Sorrento West Properties	none
66	3520 Dunhill St.	Commercially leased out by Sorrento West Properties	none
67	3510 Dunhill St.	Commercially leased out by Sorrento West Properties	none

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Appendix II: Conditional Authorization/Exemption Units

The following is a summary of units permitted and closed under the state Tiered Permitting Program. Closure is by self certification.

Conditional Authorization Units

Unit ID #	Bldg	Room	Unit Description	Date Closed
U2-401A001	02	401	Fume Hood	Jan. 20, 1998
U2-607A001	02	607	Fume Hood	Jan. 20, 1998
U23CW01	23	Yard	500 gal Container on Wheels #1	July 7, 1997
U23CW02	23	Yard	500 gal Container on Wheels #2	July 7, 1997
U25A001	25	Entire Bldg	Neutralization/ Filtration Unit	under permit
GA34806	34	Ag Plating Machine Room	Tanks 1 & 2 of Electroplater Machine	July 7, 1997
U27-106A001	27	27-106	Fume Hood in Chemistry/Radiochemistry	Dec 17, 1997
U27-108A001	27	27-108	Fume Hood in Chemistry/Radiochemistry	Dec 17, 1997
U27-109A001	27	27-109	Fume Hood in Chemistry/Radiochemistry	Dec 17, 1997
U27-110A001	27	27-110	Fume Hood in Chemistry/Radiochemistry	Dec 17, 1997
U27-111A001	27	27-111	Fume Hood in Chemistry/Radiochemistry	Dec 17, 1997
U27-112A001	27	27-112	Fume Hood in Chemistry/Radiochemistry	July 7, 1997
U27-113A001	27	27-113	Fume Hood in Chemistry/Radiochemistry	Dec 17, 1997
U27-116A001	27	27-116	Fume Hood in Chemistry/Radiochemistry	July 7, 1997

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U41A001	41	South Yard	Mixer Unit in Filtration Area	under permit
U41A002	41	South Yard	Neutralization/Filtration Unit in Filtration Area	under permit
U41-102A001	41	41-102	Drying Oven	under permit
UBKCW01	41	Yard	500 gal Backup Container on Wheels	July 7, 1997

Note: Four unit have been incorporated into the RCRA Permit Application.

Conditional Exemption Units

Unit ID #	Bldg	Room	Unit Description	Date Closed
U34A001	34	Vacuum Lab	Fume Hood	operating
U41-102A002	41	41-102	Bailer	operating

Appendix III: Underground Storage Tanks Closed:

Thirteen tanks at General Atomics have been closed over the past eight years. Typically, the closure was witnessed, or conducted under the oversight of the County of San Diego. Soil samples and soil removal were conducted under the direction of the County.

Tank #	Location	Tank Volume Description	Year Decommisioned	Date of Removal	Closure acknowledged by San Diego County
1	Service Station	10,000 steel unleaded gasoline installed 1969	1990	June 1990	1991
2	Service Station	10,000 steel unleaded gasoline installed 1969	1990	June 1990	1991
3	Service Station	10,000 steel unleaded gasoline installed 1969	1990	June 1990	1991
4	Service Station	3,000 steel diesel 1958 waste oil & leaded gasoline	1990	June 1990	1991
5	Bldg 1	2,000 fiberglass diesel	1984	December 1993	1995
6	Bldg 2A	2,000 steel diesel	1984	December 1993	1995
7	Bldg 9	2,000 steel diesel	1984	December 1993	1995
8	Bldg 34	2,000 diesel	1992	November 1992	Feb 1993
9	Bldg 37	2,000 diesel	estimate 1984	June 1990	1991
10	Bldg 2B	2,000 diesel fuel installed in above ground vault	estimate 1984	tank 1984 piping 1997	October 1997

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11	Bldg 7	500 fuel oil	1984	1997	October 1997
12	Bldg 23	1,100 diesel fuel	1984	1997	October 1997
13	Bldg 37	10,000 diesel fuel	1984	1997	October 1997

Appendix IV: Site Assessment and Remediation under US DOE:

The following is a summary of some of the reports prepared for the US DOE, by GA, in the course of planning and executing the D&D activities at the Hot Cell:

January 1998	General Atomics Hot Cell Facility Decommissioning Plan”, PC-000423/4
August 1997	“HTGR/RERTR Fuel Materials Characterization and Packaging Report”, PC-000384/1.
August 1995	“Final Environmental Assessment for Decontaminating and Decommissioning the General Atomics Hot Cell Facility”, DOE/EA-1053
December 1995	“General Atomics Hot Cell Characterization Report”, PC-000456/0.
November 1993	“Environmental Assessment for the Decontamination and Decommissioning of the General Atomics Hot Cell”, GA-C21425.
April 1994	“Environmental Assessment for the Operation of DIII-D Facilities and Related Research”, GA-C21729. Note: Latest in support of contract renewal; each five years.

Appendix V: Third Party - Real Estate Assessments:

For the past several years GA has contracted with third parties to conduct Environmental Assessments or Remedial Investigations. In September 1997 and 1996 Pilko Associates, Inc. prepared "Environmental Assessment Updates of General Atomics". These assessments of the facility's physical condition have been performed as a condition of GA's financing institution.

Procedures followed by these real estate assessments closely follow the regulatory procedures for environmental assessments. The procedures include interviews of facility personnel, file and record reviews. Visual inspection was made of Buildings 2, 7, 10, 13, 14, 27 and 30, as well as the exterior of all buildings and the perimeter of the site. Buildings 21, 23 and 27 are apparently excluded from the collateral.

The preliminary site investigation consisted of:

- (1) a general review of historical operating practices;
- (2) the location of underground facilities from site plans;
- (3) the collection of soil samples for radiological and chemical analyses; and,
- (4) data interpretation.

The objectives of the final site investigation were to:

- (1) assess the extent of soil contamination identified by the PSI; and
- (2) determine whether chemical contamination is present in groundwater underlying the site.

Key findings in the 1996 Pilko assessment were that there are no adverse impacts on real property or on GA operations. Recognition was given to the decision to remove underground storage tanks and associated piping and the existence of PCB-containing or PCB-suspected equipment owned by GA. Pilko also noted that GA was cautious to avoid "operational responsibility" over tenants operating on the property. In 1997 GA had 18 tenants operating on the GA site. A reference was made to a hydrogen sulfide gas release from a laboratory experiment [see August 17, 1998 corrections from GA] that had occurred in 1995. No liability was attributed to GA for that incident.

Reaffirming the conclusions made in 1996, no key findings were made in Pilko's 1997 "Environmental Assessment Update of General Atomics".

Appendix VI: Chevron Land and Development Phase II Environmental Assessment

Chevron Land and Development (CL&D) was charged with contracting for the necessary environmental, geophysical and engineering studies to acquire City approval for infrastructure and subdivision for future building activities outside the GA property. In October and November 1988 Harding Lawson Associates prepared a Phase I Environmental Assessment, which lead to a more detailed Phase II assessment in April of 1987. In addition to a broad based soil vapor survey and asbestos survey the Phase II assessment focused on:

- o The formerly NRC decommissioned Rad Waste Processing/Treatment Area;
- o Asphalt burial site; and
- o Solar Evaporation Ponds and spill areas.

The Phase II² identified 16 sites proposed for sampling, however, it was not completely clear what these areas incorporated. These sites are described in the Harding Lawson assessments² and included the following: Site 1, Chemical Waste Burning Area; Site 2, Hazardous Waste Storage/Transfer Station; Site 3, Hazardous Waste Recycling Station; Site 4, Solar Evaporation Ponds; Site 9, Gas Storage/Bottle Storage; Site 11, Plywood and Paint Shops; Site 14, Building 11 Visitor Center/Credit Union (demolished); Site 15, SDGE&E Electrical Substation; Site 17, Vehicle Fueling Station/Garages (USTs). References were made to burial areas used to dispose of vegetation, or even asphalt burial site.

² Copies of this document were requested from GA and the City records.

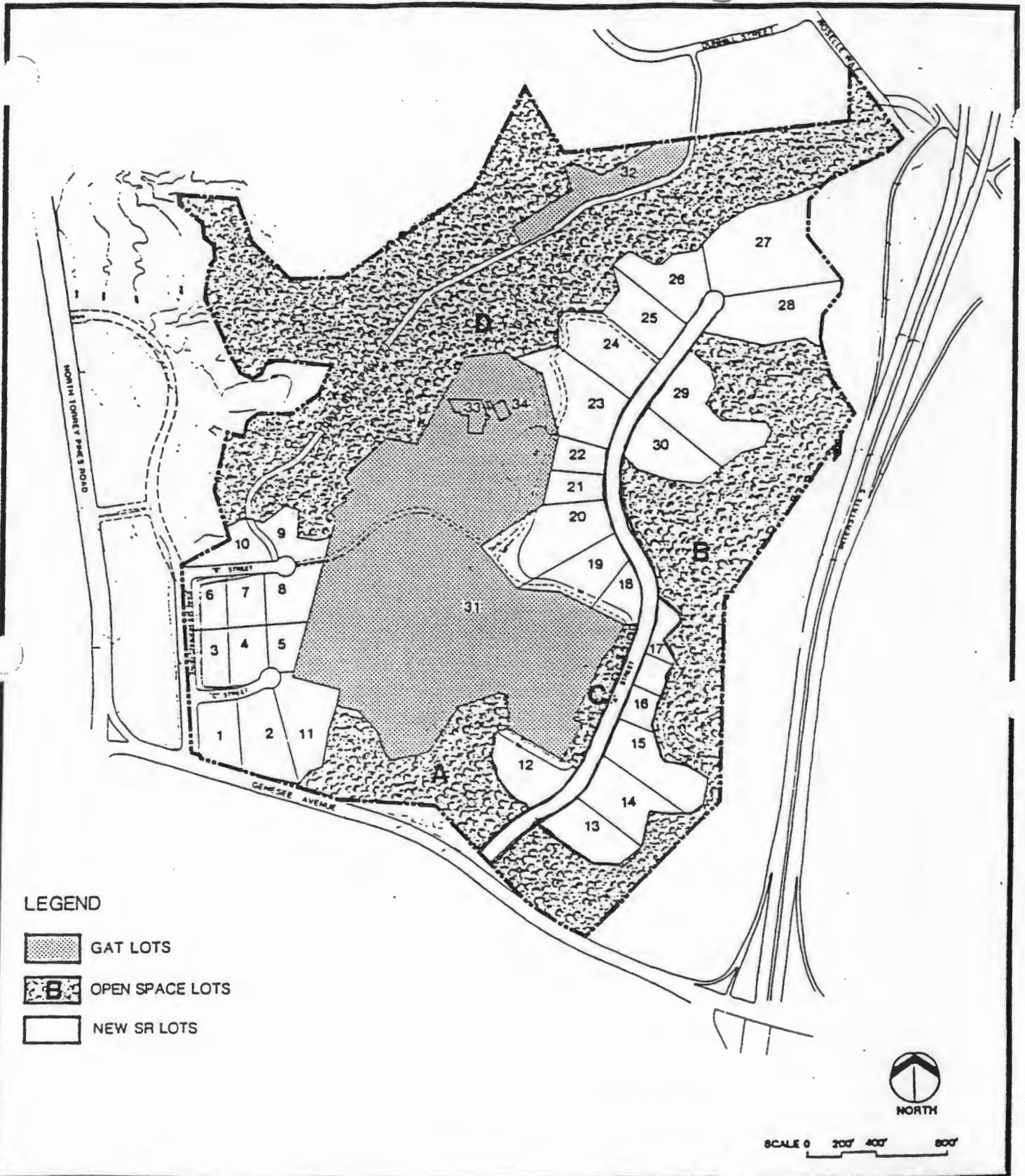
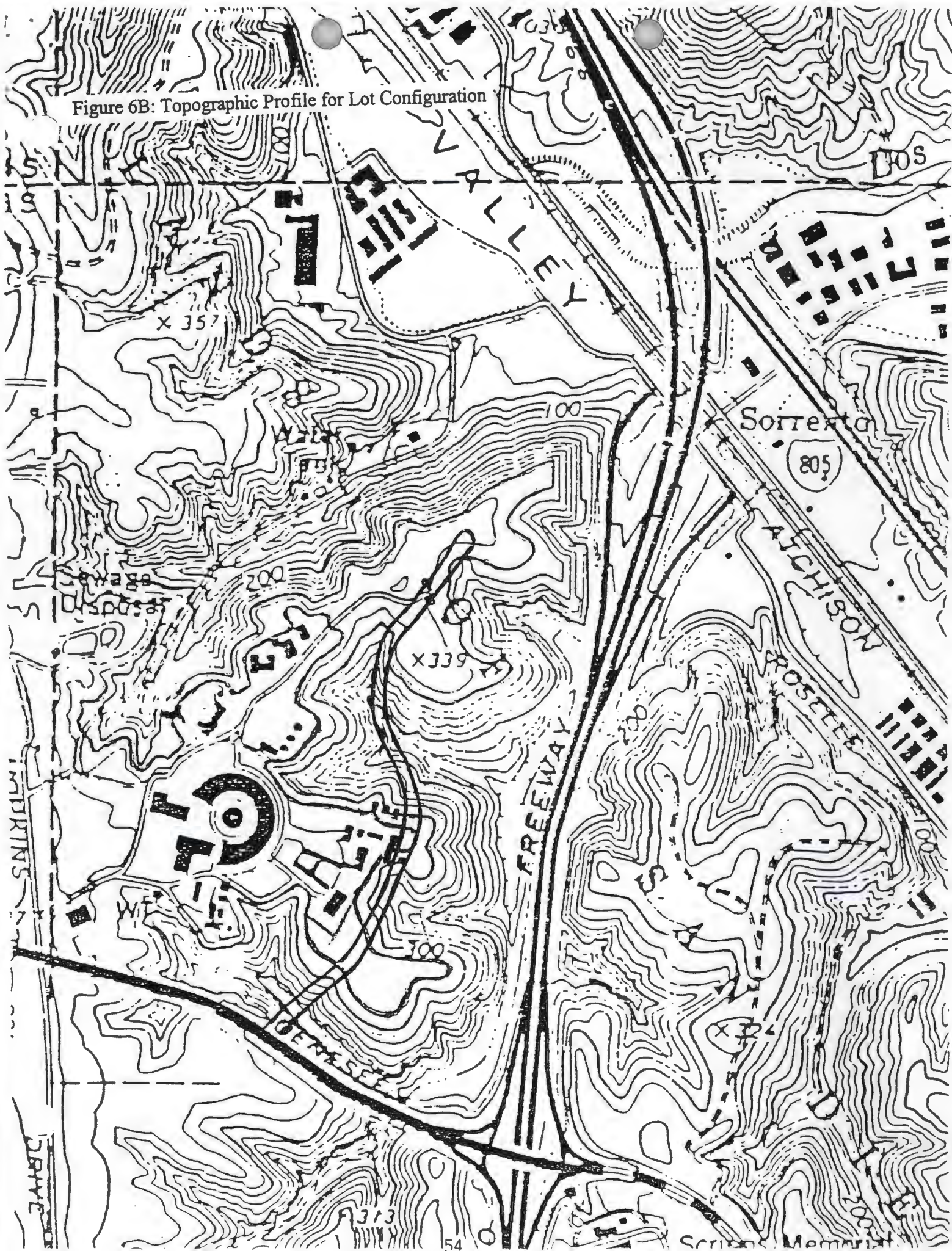


FIGURE 6A: LOT CONFIGURATION FOR TORREY PINES SCIENCE CENTER

Figure 6B: Topographic Profile for Lot Configuration



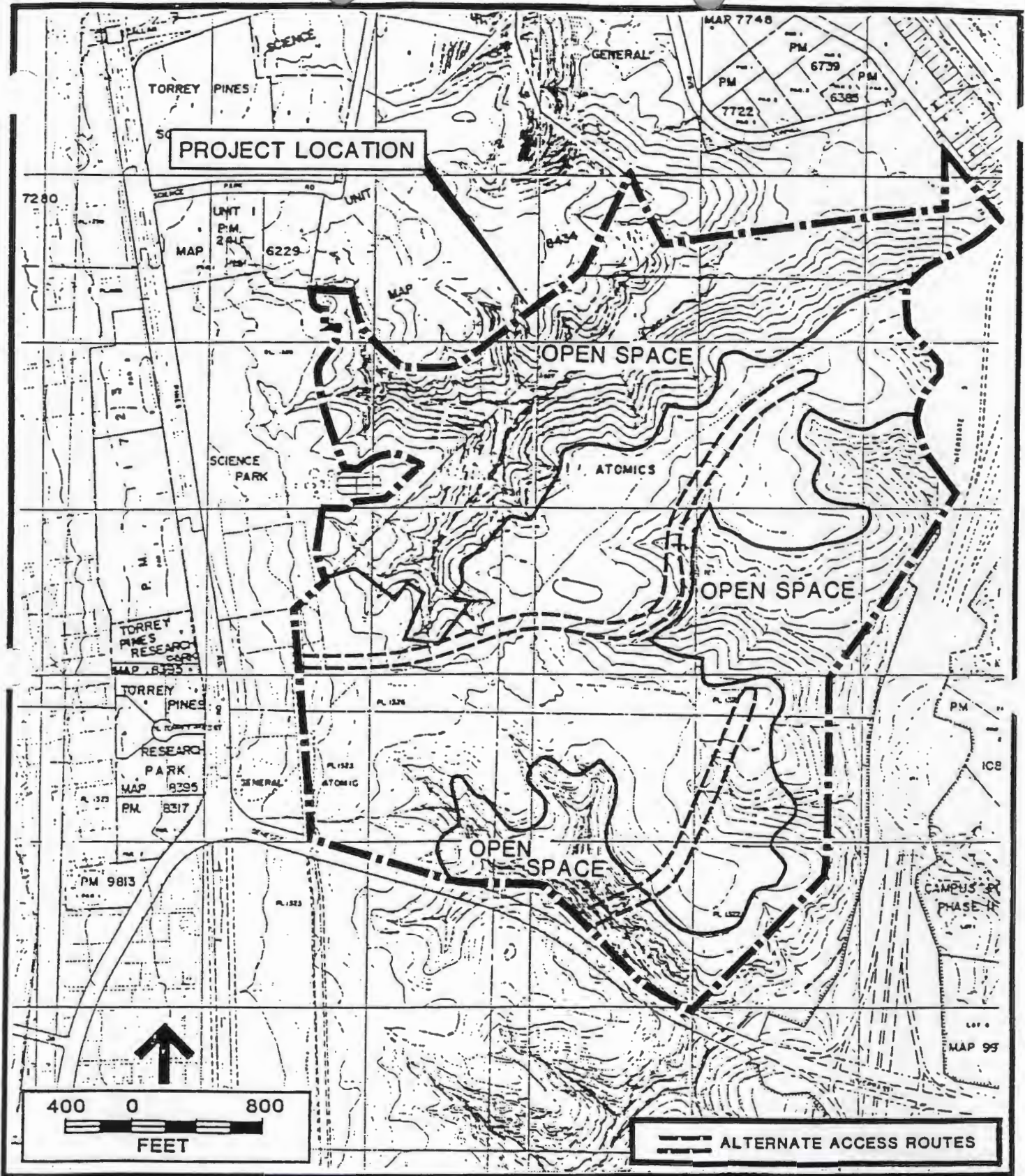
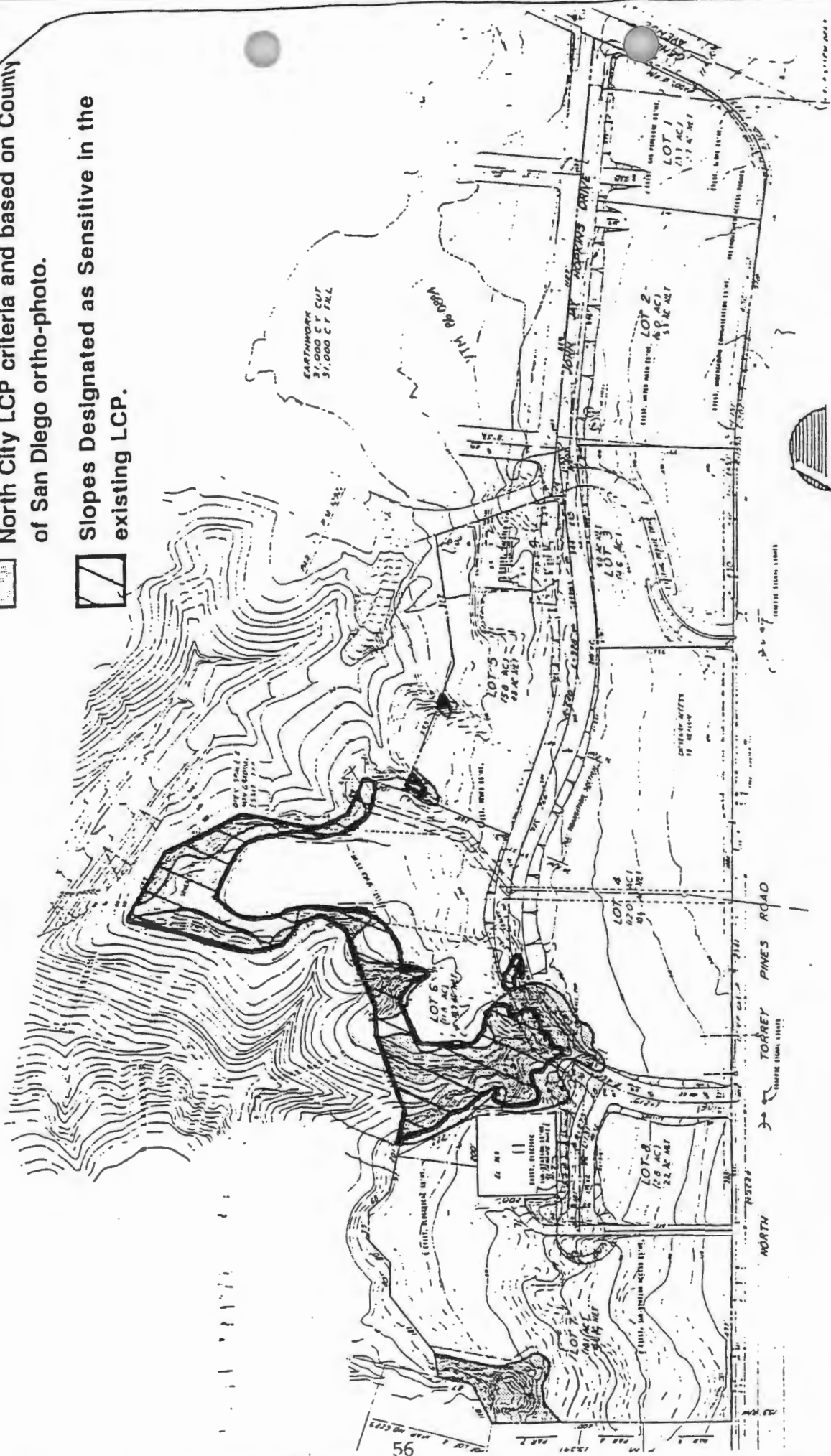


FIGURE 7: CONCEPTUAL REDUCED GRADING ALTERNATIVE WHICH WOULD RETAIN CENTRAL CANYON AS OPEN SPACE

Actual Sensitive Slopes as calculated per North City LCP criteria and based on County of San Diego ortho-photo.



Slopes Designated as Sensitive in the existing LCP.



NORTH

SCALE: 1/4" = 10' SCALE

SENSITIVE SLOPES

8

FIGURE

APPENDIX VII: Torrey Pines Science Center / Plant Communities

Attached are excerpts from the Environmental Impact Report: La Jolla Pines Technology Center, City of San Diego (June 1989) prepared by the Chevron Land and Development Company.

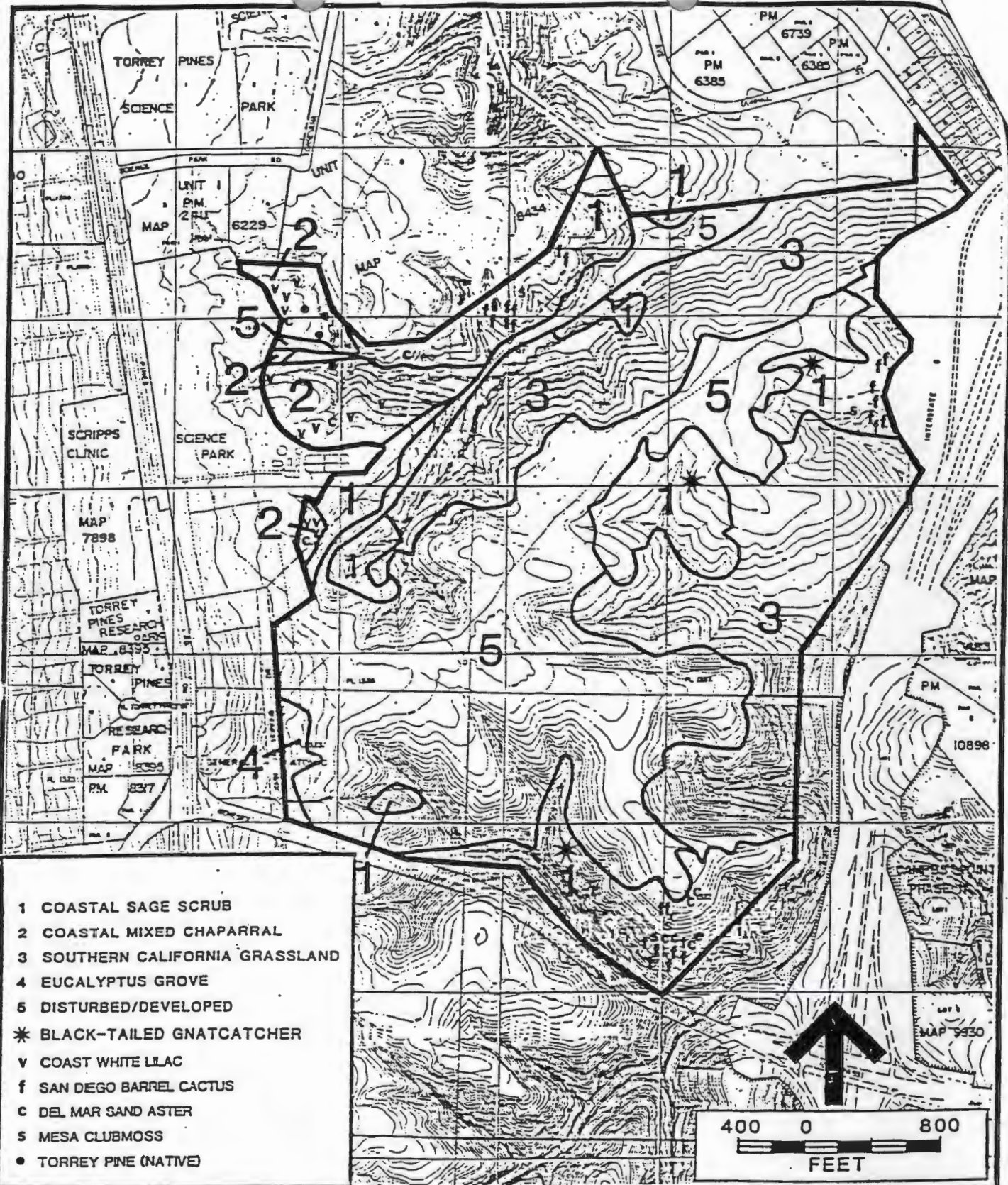


FIGURE 9: DISTRIBUTION OF PLANT COMMUNITIES AND SENSITIVE PLANT SPECIES ON THE STUDY AREA

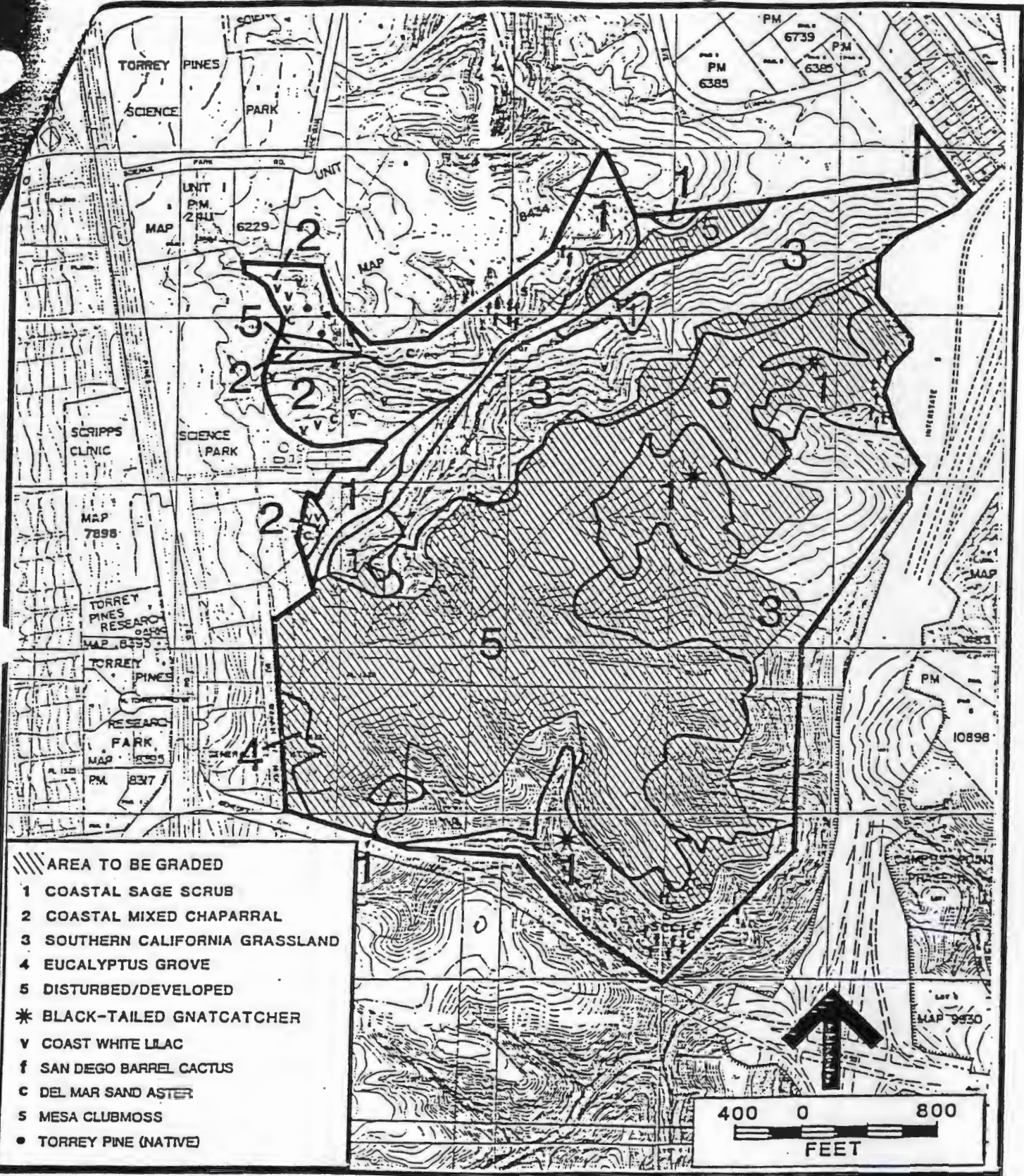


FIGURE 10. PLANT COMMUNITIES AND SENSITIVE SPECIES WHICH HAVE BEEN OR WILL BE DISTURBED

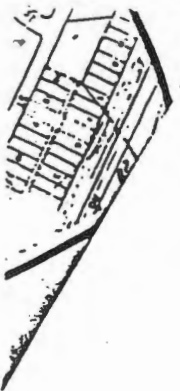


TABLE 6
SENSITIVE PLANT SPECIES OBSERVED OR EXPECTED TO OCCUR
ON THE STUDY AREA

Species	Location	Rating*
<i>Ceanothus verrucosus</i> coast white lilac	Observed in coastal mixed chaparral (CMC)	1-2-1
<i>Corethrogyne filaginifolia</i> ssp. <i>linifolia</i> Del Mar sand aster	Observed in sandy openings in CMC and coastal sage scrub (CSS)	2-1-3
<i>Ferocactus viridescens</i> coast barrel cactus	Observed on south-facing slopes in CSS	1-2-1
<i>Pinus torreyana</i> torrey pine	Observed in CMC of northwest canyon; also planted at various locations on-site	3-2-3
<i>Selaginella cinerascens</i> mesa clubmoss	Openings in CSS and CMC	1-2-1
<i>Dudleya brevifolia</i> short-leaved dudleya	Appropriate habitat along northwest boundary; not observed at optimal season	3-3-3**
<i>Muilla clevelandii</i> Cleveland golden star	Potential member of less disturbed grassland areas; not observed at optimal season	2-2-2

*See Table 5 in Appendix C for explanation of R-E-D code.

**Rare in California.

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References:

Work Plan for Groundwater Monitoring Well Installation and Soil and Groundwater Sampling and Analysis, General Atomics, Building 37, 11222 Flintkote Avenue, San Diego, via letter from Rod Reeve of Tetra Tech EM Inc. to Jill Slater of General Atomics, November 18, 1998.

Groundwater Sampling and Analysis, Building 37, General Atomics, San Diego, via letter from Rod Reeve of Tetra Tech EM Inc. to Jill Slater of General Atomics, October 15, 1998.

Letter transmitting July 2, 1997 letter to Dave Wesley of Department of Health Services RE: Amendment to GA's Radioactive Material License 0145-37 - Request for Release of "Non-Impacted" GA Facilities and Surrounding Areas to Unrestricted Use and their Deletion from License -Supplemental Information, October 13, 1998

Written comments by facsimile from General Atomics on April 1998 draft RFA, July 24, 1998, August 17, 1998 and August 28, 1998.

UST Closure Documentation for General Atomics' San Diego Facility, July 1998

Phase II Environmental Site Assessment Chevron Land and Development Company 10955 John Jay Hopkins Drive, Harding Lawson No. 9611,373.11, April 17, 1989.

Environmental Assessment for Operation of Doublet III-D Facilities and Related Research, April 1994 (GA-C21729).

Environmental Assessment for the Proposed Modification and Continued Operation of DIII-D Facility, May 1995 (DOE-EA-1076).

Environmental Assessment for Decontamination and Decommissioning of the GA Hot Cell, November 1993 (GA-C21425).

Final Report Findings for the GA, Sorrento Valley Facility, Bldg-37N Focused Site Investigation, November 1994.

Letter from Keith Asmussen, General Atomics to James Pappas, DTSC, re: NOD for Hazardous Waste Facility Permit Application - Corrective Action Requirements, December 17, 1996.

Letter from Strata-Tech, Inc. to County of San Diego, re: Drilling Report of Six Borings to obtain groundwater samples at General Atomics, Building 39, December 20, 1996.

Letter from Keith Asmussen, General Atomics to Walter Bahm, DTSC re: Documentation of Environmental Assessment, April 11, 1997.

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Sample Environmental Settings. Internal Working Documents. General Atomics (December 20, 1994)

Environmental Impact Report: Torrey Pines Science Center, City of San Diego (June 1988)

Environmental Impact Report: La Jolla Pines Technology Center, City of San Diego (June 1989)

Verbal communications with James A. Davis III, Project Manager, U.S. Department of Energy.

Verbal Communications with Dr. Keith Asmussen, Director, General Atomics.

Existing Regulatory Controls:

Federal statutes that potentially affect General Atomics' management of mixed wastes include the Clean Air Act (CAA), Clean Water Act (CWA), the RCRA . NPDES 40 CFR Part 122 point source effluent discharges. Under both RCRA §7003 and CERCLA §104 and §106, the federal government can respond where the release of hazardous waste constituents may present an imminent and substantial danger to human health or the environment

The Safe Drinking Water Act (42 U.S.C. §300f-j) protects drinking water by setting maximum contaminant levels (MCLs) for toxic contaminants, including metals. However, drinking water standards are only protective at the point of consumption. Public water supply wells are protected through the wellhead protection program under the SDWA (41 U.S.C. §300h-7(e)).

California's water quality program includes long range resource planning, annual inspection of all facilities, and compliance with stringent surface water and groundwater quality standards. The hazardous waste programs set standards and requirements for: generator, treatment, storage and disposal facility (TSDF) standards, recordkeeping, reporting, remediation and closure.

Protection against potential releases to soil, groundwater and air will be provided through tailor-made requirements using RCRA Subtitle C.

'94 RCRA Implementation Plan (RIP) recommended the institution of an Environmental Priority Initiative ranking strategy. The strategy was based on the numerical '92 National Corrective Action Priority Ranking System (NCAPS). Three ranking categories scored were:

- ES = Environmental Significance
- EB = Environmental Benefit
- O = Other (eg. Political, administrative)

The federal and state authorities to issue corrective action orders for interim status facilities are provided in the Resource Conservation and Recovery Act, Section 3008(h) and Health and Safety Code, Section 25187. The corrective action orders may be issued on consent, or unilaterally. For permitted facilities the federal and state authorities to impose corrective via permit conditions are provided in the Resource Conservation and Recovery Act (RCRA), Section 3004(u) and Health and Safety Code, Section 25200.10. Section 7003, 3004(v) and 3013 of RCRA address imminent and substantial endangerment to health or the environment, allows corrective action to extend beyond the facility boundary, and provide information gathering authority, respectively. Regulations for the RCRA corrective action program are promulgated in 40 CFR Section 264.100.

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Mixed wastes are composed of a combination of hazardous and radioactive wastes. Hazardous wastes are, by definition, ignitable, reactive, corrosive and/or toxic. Mixed wastes have at least one of these characteristics and are also radioactive.

State and federal Land Disposal Restrictions (LDRs) require treatment of hazardous waste, including mixed waste, to certain standards prior to land disposal and prohibits storage of LDR waste that do not meet the standards, except for purposes of accumulating sufficient quantities to facilitate proper recovery, treatment, and disposal of the waste. General Atomics is currently treating waste to meet LDR requirements where possible and storing mixed waste under Interim Status until off-site treatment and long-term storage capacity for their waste is available. The RCRA hazardous/mixed waste storage and treatment permit authorizes and assures that these activities are monitored.

The mixed waste that are generated and either treated onsite and/or shipped offsite for further treatment can be categorized into four groups:

1. Wastewater
2. Inorganic sludges/debris
3. Elemental lead
4. Organic liquids

Waste treatment methods are achieve volume, reactivity and/or toxicity reduction. Wastewaters may undergo neutralization, precipitation of metals and filtration (remove metals and radioactive particles). Remaining liquids are discharged to the public sewer system in accordance with the General Atomics Industrial Wastewater Discharge Permit. Inorganics sludges and debris are treated by stabilization or at the DOE facility in Hanford Washington. Stabilization is to immobilize hazardous and radioactive constituents in the waste by forming a lattice structure and/or chemical bond that binds the hazardous constituents to a solid matrix. This solid matrix is more amenable to disposal. The elemental lead waste is treated by macroencapsulation at an off-site facility. Macroencapsulation involves surface coating materials such as polymeric organics (i.e. resins and plastics) or with a jacket of inert inorganic material to substantially reduce surface exposure to potential leaching media. The process does not chemically change the waste or reduce the radioactivity, but simply isolates the waste. The organic liquids will be treated at an off-site treatment facility.

February 24, 2021

Mr. Anil Dharmapal
Licensing, Safety and Nuclear Compliance
3550 General Atomics Court
San Diego, CA 92121

Subject: Groundwater Sampling Methodology During Full-Scale Remediation by In-Situ Chemical Oxidation

Dear Mr. Dharmapal,

General Atomics (GA), in agreement with the Department of Toxic Substances Control (DTSC), is implementing corrective actions for the property located at 11222 Flintkote Avenue in San Diego, California (Site). The full-scale remedy includes in-situ chemical oxidation (ISCO) using 5% sodium permanganate to destroy volatile organic compounds (VOCs) and 1,4-dioxane in groundwater. The full-scale remediation plan is based on successful completion of an ISCO pilot study conducted at the Site between April 12, 2019 and June 3, 2020. The ISCO pilot study and full-scale implementation were approved by the San Diego Regional Water Quality Control Board (SDRWQCB) via Waste Discharge Requirement (WDR) permit numbers 9000003443 and 9000003586, respectively.

The scope of work for monitoring in accordance with the WDRs includes sampling a select set of Site monitoring wells for VOCs, 1,4-dioxane, general chemistry parameters, and metals. Prior to sampling, the monitoring wells are generally purged using low-flow methods using either dedicated or non-dedicated bladder pumps; however, grab samples are collected without purging when sodium permanganate is visually present in the well. Additionally, when sodium permanganate is present in groundwater samples, ascorbic acid is added to the sample in order to quench the permanganate oxidation reaction. The quenching is achieved by sample collection into sampling bottles pre-conditioned with 10 grams of ascorbic acid supplied by the analytical laboratory, Eurofins Calscience.

This method of sample quenching with ascorbic acid is the standard process for conducting VOC analysis in the presence of permanganate, and is necessary to prevent further degradation of the VOCs during transport to the laboratory. However, this procedure changes the pH of the sample which can impact certain analyses. For the suite of analyses required under the WDR permit, total organic carbon (TOC), alkalinity, and hexavalent chromium analyses are impacted by either the presence of permanganate or the quenching process. High permanganate content in samples (i.e., purple groundwater sample color) can damage analytical laboratory instrumentation used for the TOC analysis, and sample dilution to reduce permanganate concentration can result in non-

Mr. Dharmapal
February 24, 2021

representative TOC results. Therefore, in samples where permanganate is visually present even after quenching activities, the laboratory will not analyze for TOC. In addition, the quenching process increases the sample pH, which will have a direct impact on the alkalinity and hexavalent chromium results. Although these results are reported by the laboratory, the results are rejected during the data validation process as a result of the quenching process.

We understand that Dr. Charles Cheng from the SDRWQCB, is aware of the impacts of the quenching of Site groundwater samples on the analytical results, and accepts that certain data will be rejected during data validation as a result of the ISCO injection activities. As such, no changes to the sampling program are proposed and the collection methods will continue consistent with those previously performed at the Site under the WDR permits.

If you have any questions on the scope of work and limitations of analytical results for the scope of work conducted at the Site, please do not hesitate to contact the undersigned to discuss.

Sincerely,



Kevin Coffman, P.G.
Senior Geologist



Robert Ettinger
Senior Principal

April 29, 2021

Mr. Tom C. Alo, PG
Water Resource Control Engineer
Site Restoration Unit
San Diego Regional Water Quality Control Board
2375 Northside Drive, Suite 100
San Diego, California 92108-2700

**Subject: First Quarter 2021 Waste Discharge Requirements (WDR) Monitoring Report
WDID No. 9000003586:ccheng
General Order No. R9-2008-0081
General Atomics
11222 Flintkote Avenue
San Diego, California 92121**

Dear Mr. Alo:

Geosyntec Consultants (Geosyntec) is pleased to submit this First Quarter 2021 (1Q21) Waste Discharge Requirement (WDR) Monitoring Report (Report) on behalf of General Atomics (GA) for groundwater monitoring of the full-scale In-Situ Chemical Oxidation (ISCO) groundwater remediation activities occurring at 11222 Flintkote Avenue, San Diego, California (Property; **Figure 1**). The “Property” refers to the area owned by GA, and “Site” refers to the Property and the hydraulically downgradient areas, which includes an industrial park east of Flintkote Avenue and a riparian area northeast of the Property. GA is voluntarily performing the remediation of chlorinated volatile organic compounds (VOCs) in soil and groundwater at the Property under the oversight of the Department of Toxic Substances Control (DTSC).

This 1Q21 WDR Report presents the results of groundwater monitoring activities conducted for the period of January through March 2021 following startup of full-scale groundwater remediation activities in accordance with the WDR Order No. R9-2008-0081 issued for the Property, and additional DTSC requests to allow for the start of full-scale groundwater remediation (SDRWQCB, 2020b; DTSC, 2020; GA, 2020 b, c). Locations of Site wells are shown on **Figure 2a**.

1. BACKGROUND

An ISCO pilot study was conducted during the period of April 2019 through February 2020 to assess the effectiveness of the ISCO technology in addressing chlorinated VOCs and 1,4-dioxane in groundwater at the Property. GA submitted the Building 37 – Corrective Measures Study Report to the DTSC which identified the ISCO technology as the primary groundwater remedial technology to address contaminated groundwater at the Property [GA, 2019c, 2020b]. The ISCO pilot study was implemented in accordance with the Building 37 – Groundwater Pump Test and

In Situ Chemical Oxidation Bench Scale and Pilot Test Work Plan [GA, 2019a], and approved pilot study WDR permit application submitted to the San Diego Regional Water Quality Control Board (SDRWQCB) [GA, 2019b].

1.1. ISCO Pilot Study

The ISCO Pilot Study approved permit application included the following components:

- Injection of up to 45,000 gallons of a 5 percent (%) sodium permanganate (NaMnO_4) solution to reduce targeted chlorinated VOCs and 1,4-dioxane to non-toxic by-products¹,
- Injection using six existing wells (GECC-401, MW-3, MW-7, TW-3, SVE-1 and SVE-4), and
- Groundwater monitoring from five observation/monitoring wells (SVE-5, SVE-12, SVE-15, P-111, and MW-34), one upgradient Property well (MW-8) and three downgradient Property wells (GECC-901, GECC-902, and GECC-905).

A total of 12,500 gallons of 5% NaMnO_4 was injected during the Phase 1 program.

On July 9, 2019, GA submitted a Phase 2 request to use an expanded injection network of 13 wells to inject 10,000 gallons of 5% NaMnO_4 to gain a better understanding of the aquifer and injection characteristics prior to the next phases of the ISCO groundwater remedial activities [GA, 2019d]. Phase 2 injections were implemented in the seven (7) additional Property wells that included: MW-1, SVE-5, SVE-6, SVE-13, SVE-14, SVE-15, and SVE-16. Two additional wells, MW-17 and P-113, were added to the groundwater monitoring program. The ISCO injection program expansion request was approved by the SDRWQCB via email on July 18, 2019. The Phase 2 injection program, consisting of injecting 10,000 gallons of 5% NaMnO_4 , was completed on September 2, 2019 and reported in the third quarter 2019 (3Q19) WDR Monitoring Report [Geosyntec, 2019].

On September 30, 2019, GA submitted a Phase 3 expansion request to the SDRWQCB to allow for the successful closeout and use of the final 22,500 gallons of available capacity remaining on the original WDR permit of 45,000 gallons [GA, 2019e]. The Phase 3 Pilot Injection Program, which was approved by the SDRWQCB and DTSC, consisted of the following activities:

- Installation of eleven (11) 2-inch Schedule 40 PVC injection wells along Transect A-A'. The wells were approximately 45 feet deep, each containing 15 feet of slotted screen,
- Installation of twelve (12) 2-inch Schedule 40 PVC injection wells downgradient of the 11 Transect A-A' wells to serve as temporary observation wells for a period of 2 months, and,

¹ If necessary, the permit allowed for the replacement of up to 6,000 gallons of NaMnO_4 with PersulfOx to enhance destruction of 1,4-dioxane.

- Injection of 22,500 gallons of remaining capacity of 5% NaMnO₄ into a selection of the newly expanded network of 24 wells.

On November 4, 2019, the SDRWQCB approved the Phase 3 expansion request via email.

As part of the third phase of the pilot study ISCO injection program, GA injected a total of 22,500 gallons of 5% NaMnO₄ into eleven (11) injection wells (IW-1 through IW-11) from December 29, 2019 to February 4, 2020. The third phase was reported in the first quarter 2020 (1Q20) WDR Monitoring Report [Geosyntec, 2020].

A total of 45,000 gallons of 5% NaMnO₄ solution was injected at the Property as part of the pilot study ISCO injection program from December 29, 2019 to February 4, 2020. In addition to the quarterly SDRWQCB requirements, GA monitored the groundwater on a monthly basis through the Pilot Study to develop a better understanding of the groundwater flow dynamics. At the conclusion of the Pilot Study the overall TCE groundwater plume at the Property had shrunk more than 200 feet in the south/west portion of the Property, and more than 160 feet in the western portion of the Property (GA, 2020b). The injection quantities per well, total injection volumes, and cumulative volume injected to date are provided in **Attachment A**.

Additional details of the injection and groundwater monitoring and reporting plan (MRP) are provided in the WDR permit application and the ISCO injection program expansion request letters.

1.2. Full-Scale ISCO Implementation

On February 27, 2020 GA submitted a new ISCO WDR permit application to the SDRWQCB prior to the conclusion of the pilot study to accommodate full-scale groundwater remediation activities [GA, 2020]. The pilot study WDR permit was terminated and the full-scale WDR permit application was approved by SDRWQCB in letters dated June 3, 2020 [SDRWQCB, 2020a and b]. Based on the successful pilot-study injection program, the full-scale program consists of injection of 630,000 gallons of 5% NaMnO₄ to reduce chlorinated VOCs and 1,4-dioxane to non-toxic by-products. The full-scale WDR injection program consists of injecting oxidant into the following wells as shown on **Figure 2b**:

- Seventy (70) newly-installed ISCO injection wells located north, east, and northwest of Building 37 along transects A-A', B-B', C-C', D-D', E-E', F-F', G-G', H-H', I-I', and J-J',
- Twenty-three (23) existing wells located in areas of the previous pilot-study program adjacent and north of Building 37, and
- Available and accessible monitoring and Soil Vapor Extraction (SVE) wells within building 37 (MW-1, MW-3, MW-7, TW-3, MW-34, MW-35, MW-36, and SVE-1 through SVE-16).

This report covers ISCO monitoring activities performed during the first quarter 2021.

2. SUMMARY OF ISCO INJECTION ACTIVITIES DURING THE CURRENT MONITORING PERIOD

This section describes the activities performed during the monitoring period (January through March 2021) in accordance with the WDR Order. As noted in the November 30, 2020 Plan for Early Start of the ISCO system letter, GA agreed to conduct two additional monthly monitoring events in January and February 2021 from 10 Property monitoring wells located in the eastern parking lot. The analytes tested included VOCs, 1,4-dioxane, other field parameters, and NaMnO₄ concentrations. During the period of March 15 – 19, 2021, Blaine Tech on behalf of GA completed the 1Q21 groundwater monitoring activities from 38 Property wells.

2.1. Injection Activities During the Reporting Period

Following completion of the 4Q20 groundwater monitoring activities, full-scale ISCO injection activities commenced on a limited basis beginning on December 26, 2020. A summary of the WDR ISCO pilot study and full-scale injection quantities per well, total injection volumes, and cumulative volume injected to date are provided in **Attachment A**. A total of 74,800 gallons were injected into the aquifer during the 1Q21.

2.2. Groundwater Gauging and Monitoring

In accordance with the required MRP, depth to groundwater (DTW) measurements and groundwater monitoring activities were completed within 10 downgradient Property wells in the eastern parking lot in January and February 2021. For the March 1Q21 monitoring event, all 61 Property and Site wells were gauged prior to the collection of groundwater samples from 38 wells.

Prior to collecting groundwater samples, DTW was gauged using an electronic water level meter. The water level meter was decontaminated between wells using a non-phosphate detergent and deionized water. The DTW measurements for the January, February, and March sampling events are provided on the groundwater field forms included in **Attachment B** and in **Table 1**. Groundwater elevation contours for shallow-zone and deep-zone groundwater for the March 2021 monitoring event are provided on **Figures 3 and 4**, respectively.

During the groundwater sampling events, wells were typically purged with dedicated or non-dedicated bladder pumps; however, grab samples were collected without purging for wells where permanganate was observed. When permanganate was observed in a well, the samples were quenched with ascorbic acid to stabilize the sample for analysis by quenching the permanganate oxidation reaction. The quenching is achieved by sample collection into sampling bottles pre-conditioned with 10 grams of ascorbic acid supplied by the analytical laboratory, Eurofins Calscience.

Field parameters were monitored either with the pumps through a flow-through cell or via grab samples using a disposable bailer. During purging, field parameters including pH, temperature,

specific conductance, dissolved oxygen (DO), turbidity, total dissolved solids (TDS), salinity, and oxidation-reduction potential (ORP), were recorded and documented on the field forms. Field monitoring data are summarized in **Table 2** and field gauging and sampling logs are provided in **Attachment B**.

Groundwater samples were collected using laboratory-provided containers, placed in a cooler with ice, and delivered to Eurofins TestAmerica Laboratory in Irvine, California under proper chain-of-custody procedures. Groundwater samples collected during the 1Q21 monitoring events were analyzed for the following constituents.

- VOCs by United States Environmental Protection Agency (USEPA) Method 8260B;
- 1,4-Dioxane by USEPA Method 8270C SIM; and

Groundwater samples were also collected to evaluate NaMnO_4 concentrations in groundwater. Samples were collected using laboratory-provided containers, placed in a cooler with ice, and delivered to Prima Environmental, Inc. in El Dorado Hills, California under proper chain-of-custody procedures. Samples were analyzed via visible spectroscopy at 560 nanometers using a Hach DR 2800 spectrophotometer.

The laboratory analytical reports are provided in **Attachment C**. As part of the groundwater monitoring program, Quality Assurance/Quality Control (QA/QC) blind duplicates, equipment blanks and trip blanks were collected, and results were assessed during data validation. The method used to quench the samples with ascorbic acid is the standard process for conducting VOC analysis in the presence of permanganate and is necessary to prevent further degradation of the VOCs during transport to the laboratory. However, this procedure changes the pH of the sample which can impact certain analyses. For the suite of analyses required under the WDR permit, total organic carbon (TOC), alkalinity, and hexavalent chromium analyses are impacted by either the presence of permanganate or the quenching process. High permanganate content in samples (i.e., purple groundwater sample color) can damage analytical laboratory instrumentation used for the TOC analysis, and sample dilution to reduce permanganate concentration can result in non-representative TOC results. Therefore, in samples where permanganate is visually present even after quenching activities, the laboratory will not analyze for TOC. In addition, the quenching process increases the sample pH, which will have a direct impact on the alkalinity and hexavalent chromium results. Although these results are reported by the laboratory, the results are rejected during the data validation process as a result of the quenching process (noted in the data validation reports and indicated with a 'R' flag on the analytical results tables). Note that TOC, alkalinity, and hexavalent chromium analyses are not performed during each groundwater monitoring event in accordance with the MRP. Data validation reports are provided in **Attachment D**.

A summary of VOC and 1,4-dioxane analytical results is provided in **Table 3** and a summary of NaMnO_4 results is provided in **Table 4**.

3. GROUNDWATER MONITORING RESULTS

The TCE, PCE, and 1,4-dioxane concentration contours in shallow zone groundwater for the March 2021 groundwater sampling event are shown on **Figures 5, 6, and 7**, respectively. The results of the primary constituents-of-concern [trichloroethene (TCE), tetrachloroethene (PCE), and 1,4-dioxane] for the January, February, and March 2021 ISCO performance monitoring events are provided below:

January and February 2021

Monitoring Wells:

Groundwater samples were collected from ten (10) monitoring wells located in the eastern parking lot during the January and February 2021 monitoring events.

- TCE was detected in 8 of the 10 monitoring wells sampled at concentrations ranging from 4.4 µg/L (MW-33) to 1,100 µg/L (GECC-901). TCE was not detected above the laboratory reporting limit in monitoring wells MW-9 and P-114.
- PCE was detected in 5 of the 6 monitoring wells sampled at concentrations ranging from 24 µg/L (GECC-902) to 65 µg/L (P-112). PCE was not detected above laboratory reporting limits in monitoring wells MW-9, MW-33, GECC-901, P-113 and P-114.
- 1,4-Dioxane was detected in 9 of the 10 monitoring wells sampled ranging from concentrations of 1.4 µg/L (GECC-901) to 13 µg/L (MW-17, P-111 and P-112). 1,4-Dioxane was not detected above laboratory reporting limits in monitoring well MW-33.

March 2021

Monitoring Wells:

Groundwater samples were collected from 38 Property monitoring wells during the 1Q21 monitoring event. The TCE, PCE, and 1,4-dioxane concentration contours in shallow zone groundwater are shown on **Figures 5, 6, and 7**, respectively.

- TCE was detected in 12 of the 38 Property monitoring wells at concentrations ranging from an estimated concentration of 0.34 µg/L (MW-23) to 1,000 µg/L (GECC-901).
- PCE was detected in 8 of the 38 Property monitoring wells at concentrations ranging from an estimated concentration of 0.29 µg/L (MW-1) to 62 µg/L (MW-17). PCE was not detected above laboratory reporting limits in monitoring wells GECC-901 and P-113.
- 1,4-Dioxane was detected in 15 of the 38 Property monitoring wells ranging from a concentration of 1.3 µg/L (SVE-13) to 15 µg/L (MW-1). 1,4-Dioxane was not detected above laboratory reporting limits in monitoring well GECC-901.

A comparison of the 1Q21 and 4Q20 (Geosyntec, 2021) TCE, PCE and 1,4-dioxane contaminant plumes indicates the following:

- Further reduction/shrinking of the TCE, PCE and 1,4-dioxane contaminant plumes during 1Q21 beneath Building 37 in the direction of groundwater flow, and
- Disappearance of the localized TCE, PCE and 1,4-dioxane contaminant hotspots that were due to rebound and observed during the 4Q20 monitoring event.

Degradation Products:

Concentrations of PCE and TCE daughter products (i.e., cis-1,2-dichloroethene [cis-1,2-DCE] and/or 1,1-dichloroethene [1,1-DCE]) detected in monitoring wells GECC-901, GECC-902, GECC-905, P-111, and P-113 during the March 2021 sampling event indicate partial reductive dechlorination is occurring in areas not currently impacted by the ISCO injection activities.

- 1,1-DCE was detected in 2 monitoring wells at concentrations of 6.2 µg/L (GECC-905) and 6.3 µg/L (P-111).
- Cis-1,2-DCE was detected in 3 monitoring wells at estimated concentrations of 3.3 µg/L (GECC-902), 6.6 µg/L (GECC-901), and at a concentration of 4.8 µg/L (P-113).

Sodium Permanganate Laboratory Analysis:

There were no detections of NaMnO₄ in the 10 monitoring wells located in the eastern parking lot sampled during the January and February groundwater monitoring activities. This indicates that the NaMnO₄ has not yet reached these areas.

During the March 2021 groundwater monitoring event, samples were collected from all of the 38 quarterly MRP wells to evaluate the presence of NaMnO₄ concentrations in groundwater. NaMnO₄ concentrations ranged from an estimated concentration of 8 mg/L (MW-7) to 22,000 mg/L (MW-3). NaMnO₄ was not detected above the laboratory reporting limits in monitoring wells GECC-901, GECC-902, GECC-905, MW-8, MW-9, MW-10, MW-10D, MW-17, MW-23, MW-33, and P-111 through P-114. These wells, similar to the January and February monitoring event, are located in the eastern parking lot.

In samples with detected NaMnO₄ concentrations, primary constituents of concern (TCE, PCE, and daughter products) as well as 1,4-dioxane were detected at very low concentrations, or were not detected above the laboratory reporting limits (i.e., MW-1, MW-3, MW-7, MW-34, MW-35, MW-36, TW-3, SVE-1 through SVE-16, and GECC-401).

4. SUMMARY

With NaMnO₄ injections having occurred during each month of 1Q21, residual NaMnO₄ was observed in monitoring wells located on the upper portion of the Property including MW-1, MW-3,

MW-7, MW-34 through MW-36, TW-3, GECC-401, and SVE-1 through SVE-16. NaMnO₄ was not observed in upgradient well MW-08 or in any other Property monitoring wells in the Eastern parking lot.

Analytical results of the 1Q21 ISCO injection monitoring event are generally consistent with the first through fourth quarters of 2020 groundwater monitoring analytical results during the ISCO pilot study period. Where NaMnO₄ is injected or has migrated, significant reductions of VOC concentrations have been and continue to be observed.

The 1Q21 monitoring results indicate further reduction of the TCE, PCE and 1,4-dioxane contaminant plumes beneath Building 37 in the direction of groundwater flow, and, disappearance of the localized TCE, PCE and 1,4-dioxane contaminant hotspots in the south and west portions of Building 37. As outlined in Geosyntec's February 24, 2021 letter titled *Groundwater Sampling Methodology During Full-Scale Remediation by In-Situ Chemical Oxidation* and provided to the SDRWQCB, quenching of Site groundwater samples where permanganate is present is a necessary process to obtain valid VOC results. Despite impacts from sample quenching to other analytes, the sample collection methods will continue consistent with those previously performed at the Site under the approved full-scale WDR permit.

Upcoming monthly and quarterly monitoring in accordance with the full-scale WDR permit application and WDR Order will track further reductions in groundwater concentrations.

5. REFERENCES

Department of Toxic Substances Control (DTSC), 2020, DTSC Review and Approval of the Plan for Early Start of ISCO System, NSVP, GA, San Diego, CA. December 21.

General Atomics (GA), 2019a. Building 37 – Groundwater Pump Test and In Situ Chemical Oxidation Bench Scale and Pilot Test Work Plan, Northern Sorrento Valley Property, General Atomics, San Diego, California. January 25.

GA, 2019b. Waste Discharge Requirement (WDR) Permit Application for in Situ Chemical Oxidation, Northern Sorrento Valley Property, General Atomics, San Diego, California. March 18.

GA, 2019c. Building 37 – Corrective Measures Study Report, Northern Sorrento Valley Property, General Atomics, San Diego, CA. June 28.

GA, 2019d. Expansion of In Situ Chemical Oxidation (ISCO) Injection Program, WDID 9000003443:ccheng. Enrollment in Order No. R9-2008-0081. Northern Sorrento Valley Property, General Atomics, San Diego, California. July 9.

GA, 2019e. Phase 3 Expansion of In Situ Chemical Oxidation Injection Program, WDID 9000003443:ccheng, Enrollment in Order No. R9-2008-0081, Northern Sorrento Valley Property, General Atomics, San Diego, CA. September 30.

GA, 2020a. Full-Scale In Situ Chemical Oxidation Injection Program, WDID 9000003586:ccheng, Enrollment in Order No. R9-2008-0081, Northern Sorrento Valley Property, General Atomics, San Diego, CA. June 3.

GA, 2020b. Groundwater Pump Test and ISCO Bench Scale and Pilot Study Report, GA, NSVP, San Diego, CA. December 23.

GA, 2020c. Response to Comments to DTSCs December 21, 2020 letter regarding the Review and Approval of the Plan for Early Start of ISCO System, GA, NSVP, San Diego, CA. December 28.

Geosyntec, 2019. Third Quarter 2019 Waste Discharge Requirements (WDR) Monitoring Report, WDID No. 9000003443:ccheng. General Order No. R9-2008-0081, General Atomics, 11222 Flintkote Avenue, San Diego, California. October 29.

Geosyntec, 2020. First Quarter 2020 Waste Discharge Requirements (WDR) Monitoring Report, WDID No. 9000003443:ccheng. General Order No. R9-2008-0081, General Atomics, 11222 Flintkote Avenue, San Diego, California. December 2.

Geosyntec, 2021. Fourth Quarter 2020 WDR Monitoring Report, WDID No. 9000003443 and 9000003586:ccheng. General Order No. R9-2008-0081, General Atomics, 11222 Flintkote Avenue, San Diego, California. April 2.

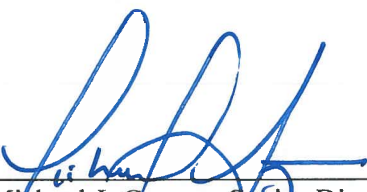
SDRWQCB, 2020a. Termination of Enrollment in Order No. R9-2008-0081, General Waste Discharge Requirements for In-Situ Remediation Projects within the San Diego Region, Northern Sorrento Valley Property, General Atomics, San Diego, CA. June 3.

SDRWQCB, 2020b. Enrollment in Order No. R9-2008-0081, General Waste Discharge Requirements for In-Situ Remediation Projects within the San Diego Region, Northern Sorrento Valley Property, General Atomics, San Diego, CA. June 3.

6. REPORT DECLARATION

The following declaration is copied from page 11, item 19c of Section D, of the WDR Order:

“I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.”


_____ (Signature)
Michael J. Grogan, Senior Director
Licensing, Safety, and Nuclear Compliance
General Atomics

If you have any questions or require additional information, please contact the undersigned at (805) 897-3800.

Sincerely,



Robert Ettinger
Project Director





Kevin Coffman, PG, C.Hg.
Senior Geologist

Tables:

- 1 Summary of Groundwater Elevations
- 2 Field Monitoring Results
- 3 Summary of VOC and 1,4-Dioxane Laboratory Analytical Results
- 4 Sodium Permanganate Concentrations in Groundwater

Figures:

- 1 Property Location Map
- 2a Site Plan with Groundwater Monitoring Well Locations
- 2b Groundwater Monitoring Wells, Injection Wells, and Soil Vapor Extraction Wells Showing ISCO & SVE Conveyance Lines and Connections
- 3 Potentiometric Surface Map – Shallow Zone March 2021
- 4 Potentiometric Surface Map – Deep Zone March 2021
- 5 TCE in Shallow Zone Groundwater – March 2021
- 6 PCE in Shallow Zone Groundwater – March 2021
- 7 1,4-Dioxane in Shallow Zone Groundwater – March 2021

Attachments:

- A Sodium Permanganate Injection Summary
- B Groundwater Sampling Field Forms
- C Laboratory Analytical Reports
- D Data Validation Reports

Tables

Table 1
Summary of Groundwater Elevations
Northern Sorrento Valley Property
General Atomics, San Diego, California

MW-01		Previous Designation:		Boring 1	Top of Casing Elevation-2009 (ft MSL):		60.80
Current Status: Active	Completed:		11/23/1998		Total Depth of Borehole:		71.5 ft bgs or -10.7 ft MSL
	Borehole Diameter (in):		10		Total Depth of Well:		71.5 ft bgs or -10.7 ft MSL
Location/Aquifer Zone: Central / Deep	Casing Diameter (in):		4		Top of Screen:		59.3 ft bgs or 1.5 ft MSL
	Screen Length (ft):		10		Bottom of Screen:		69.3 ft bgs or -8.5 ft MSL
Date & Time	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft		Observations & Comments		
9/16/2019	34.35	26.45	--		---		
10/21/2019	34.63	26.17	-0.28		---		
11/18/2019	34.61	26.19	0.02		---		
12/12/2019	34.17	26.63	0.44		---		
1/21/2020	33.56	27.24	0.61		permanganate present		
2/24/2020	33.45	27.35	0.11		permanganate present		
3/23/2020	33.13	27.67	0.32		permanganate present		
6/22/2020	32.11	28.69	1.02		permanganate present		
9/21/2020	31.65	29.15	0.46		permanganate present		
12/20/2021	32.90	27.90	-1.25		permanganate present		
3/15/2021	33.13	27.67	-0.23		permanganate present		

MW-03		Previous Designation:		Boring 3	Top of Casing Elevation-2009 (ft MSL):		59.92
Current Status: Active	Completed:		11/24/1998		Total Depth of Borehole:		53 ft bgs or 6.9 ft MSL
	Borehole Diameter (in):		10		Total Depth of Well:		53.0 ft bgs or 6.9 ft MSL
Location/Aquifer Zone: Central / Shallow	Casing Diameter (in):		4		Top of Screen:		44.8 ft bgs or 15.2 ft MSL
	Screen Length (ft):		5		Bottom of Screen:		49.8 ft bgs or 10.2 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft		Observations & Comments		
4/15/2019	32.88	27.04	--		---		
5/13/2019	34.03	25.89	-1.15		---		
6/10/2019	32.97	26.95	1.06		---		
7/22/2019	33.60	26.32	-0.63		---		
8/19/2019	34.12	25.80	-0.52		---		
9/16/2019	33.35	26.57	0.77		---		
10/21/2019	33.71	26.21	-0.36		---		
11/18/2019	34.21	25.71	-0.50		---		
12/12/2019	33.76	26.16	0.45		---		
1/21/2020	33.12	26.80	0.64		permanganate present		
2/24/2020	32.42	27.50	0.70		permanganate present		
3/23/2020	32.68	27.24	-0.26		permanganate present		
6/22/2020	31.40	28.52	1.28		permanganate present		
9/21/2020	30.96	28.96	0.44		permanganate present		
12/21/2020	32.05	27.87	-1.09		permanganate present		
3/15/2021	32.51	27.41	-1.55		permanganate present		

MW-04		Previous Designation:		B4	Top of Casing Elevation-2009 (ft MSL):		61.44
Current Status: Active	Completed:		8/13/1999		Total Depth of Borehole:		75 ft bgs or -14.2 ft MSL
	Borehole Diameter (in):		10		Total Depth of Well:		74 ft bgs or -13.2 ft MSL
Location/Aquifer Zone: West / Deep	Casing Diameter (in):		4		Top of Screen:		63.8 ft bgs or -3.0 ft MSL
	Screen Length (ft):		10		Bottom of Screen:		73.8 ft bgs or -13.0 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft		Observations & Comments		
12/13/2019	34.52	26.92	--		---		
3/23/2020	33.47	27.97	1.05		---		
6/22/2020	32.59	28.85	0.88		---		
9/21/2020	32.12	29.32	0.47		---		
12/21/2020	33.36	28.08	-1.24		---		
3/15/2021	33.38	28.06	-0.02		---		

MW-05		Previous Designation:		B5	Top of Casing Elevation-2009 (ft MSL):		37.77
Current Status: Active	Completed:		8/13/1999		Total Depth of Borehole:		45 ft bgs or -7.2 ft MSL
	Borehole Diameter (in):		10		Total Depth of Well:		44.5 ft bgs or -6.7 ft MSL
Location/Aquifer Zone: East / Deep	Casing Diameter (in):		4		Top of Screen:		34.5 ft bgs or 3.3 ft MSL
	Screen Length (ft):		10		Bottom of Screen:		44.5 ft bgs or -6.7 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft		Observations & Comments		
12/12/2019	11.64	26.13	--		---		
3/23/2020	10.68	27.09	0.96		---		
6/22/2020	10.41	27.36	0.27		---		
9/21/2020	10.23	27.54	0.18		---		
12/21/2020	10.86	26.91	-0.63		---		
3/15/2021	10.64	27.13	0.22		---		

Table 1
Summary of Groundwater Elevations
Northern Sorrento Valley Property
General Atomics, San Diego, California

MW-07		Previous Designation:		SB-B, TTSB-B		Top of Casing Elevation-2009 (ft MSL):		59.65	
Current Status:	Completed:			12/13/1999		Total Depth of Borehole:		50 ft bgs or 9.7 ft MSL	
Active	Borehole Diameter (in):			10		Total Depth of Well:		49.6 ft bgs or 10.1 ft MSL	
Location/Aquifer Zone:	Casing Diameter (in):			4		Top of Screen:		37.8 ft bgs or 21.9 ft MSL	
Central / Shallow	Screen Length (ft):			10		Bottom of Screen:		47.8 ft bgs or 11.9 ft MSL	
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft		Observations & Comments				
4/15/2019	32.63	27.02	--		---				
5/13/2019	32.99	26.66	-0.36		---				
6/10/2019	32.77	26.88	0.22		---				
7/22/2019	32.45	27.20	0.32		---				
8/19/2019	33.40	26.25	-0.95		---				
9/16/2019	33.23	26.42	0.17		---				
10/21/2019	33.47	26.18	-0.24		---				
11/18/2019	33.64	26.01	-0.17		---				
12/12/2019	33.19	26.46	0.45		permanganate present				
1/21/2020	32.45	27.20	0.74		permanganate present				
2/24/2020	32.43	27.22	0.02		permanganate present				
3/23/2020	32.04	27.61	0.39		permanganate present				
6/22/2020	31.38	28.27	0.66		permanganate present				
9/21/2020	30.54	29.11	0.84		permanganate present				
12/21/2020	31.81	27.84	-1.27		---				
3/15/2021	31.81	27.84	0.00		permanganate present				

MW-08		Previous Designation:		None		Top of Casing Elevation-2009 (ft MSL):		64.23	
Current Status:	Completed:			12/10/1999		Total Depth of Borehole:		65 ft bgs or -0.7 ft MSL	
Active	Borehole Diameter (in):			10		Total Depth of Well:		64.75 ft bgs or -0.45 ft MSL	
Location/Aquifer Zone:	Casing Diameter (in):			4		Top of Screen:		54.5 ft bgs or 9.8 ft MSL	
West / Deep	Screen Length (ft):			10		Bottom of Screen:		64.5 ft bgs or -0.2 ft MSL	
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft		Observations & Comments				
4/15/2019	31.79	32.44	--		---				
5/13/2019	32.71	31.52	-0.92		---				
6/11/2019	32.99	31.24	-0.28		---				
7/22/2019	33.63	30.60	-0.64		---				
8/19/2019	34.28	29.95	-0.65		---				
9/16/2019	35.21	29.02	-0.93		---				
10/21/2019	35.94	28.29	-0.73		---				
11/18/2019	35.95	28.28	-0.01		---				
12/13/2019	35.15	29.08	0.80		---				
1/21/2020	32.01	32.22	3.14		---				
2/24/2020	31.72	32.51	0.29		---				
3/23/2020	30.72	33.51	1.00		---				
6/22/2020	25.41	38.82	5.31		---				
9/21/2020	19.02	45.21	6.39		---				
12/21/2020	31.67	32.56	-12.65		---				
3/15/2021	32.51	31.72	-0.84		---				

MW-09		Previous Designation:		SB-G, TTSB-G		Top of Casing Elevation-2009 (ft MSL):		43.26	
Current Status:	Completed:			12/7/1999		Total Depth of Borehole:		50 ft bgs or -6.7 ft MSL	
Active	Borehole Diameter (in):			10		Total Depth of Well:		50.0 ft bgs or -6.7 ft MSL	
Location/Aquifer Zone:	Casing Diameter (in):			4		Top of Screen:		39.8 ft bgs or 3.5 ft MSL	
Central / Deep	Screen Length (ft):			10		Bottom of Screen:		49.8 ft bgs or -6.5 ft MSL	
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft		Observations & Comments				
12/12/2019	16.58	26.68	--		---				
3/23/2020	15.38	27.88	1.20		---				
6/22/2020	14.53	28.73	0.85		---				
9/21/2020	14.22	29.04	0.31		---				
12/21/2020	15.38	27.88	-1.16		---				
1/18/2021	15.44	27.82	-0.06		---				
2/15/2021	15.39	27.87	0.05		---				
3/15/2021	15.43	27.83	-0.04		---				

Table 1
Summary of Groundwater Elevations
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MW-10	Previous Designation:		MW-10	Top of Casing Elevation-2009 (ft MSL):	60.32	
Current Status:	Completed:		12/9/2004	Total Depth of Borehole:	45 ft bgs or 15.7 ft MSL	
Active	Borehole Diameter (in):		10	Total Depth of Well:	45.1 ft bgs or 15.6 ft MSL	
Location/Aquifer Zone:	Casing Diameter (in):		4	Top of Screen:	29.8 ft bgs or 30.9 ft MSL	
	West / Deep	Screen Length (ft):		9.6	Bottom of Screen:	77.6 ft bgs or -17.1 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments		
9/17/18 10:50	34.86	25.46	-0.96	---		
12/12/2019	33.59	26.73	--	---		
3/23/2020	32.59	27.73	1.00	---		
6/22/2020	31.62	28.70	0.97	---		
9/21/2020	31.18	29.14	0.44	---		
12/21/2020	32.38	27.94	-1.20	---		
9/21/2020	31.18	29.14	1.20	---		
12/21/2020	32.38	27.94	-1.20	---		
3/15/2021	32.44	27.88	-0.06	---		

MW-10D	Previous Designation:		None	Top of Casing Elevation-2009 (ft MSL):	60.15
Current Status:	Completed:		11/1/2005	Total Depth of Borehole:	78.5 ft bgs or -18.0 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):		4	Top of Screen:	68.0 ft bgs or -7.5 ft MSL
West / Deep	Screen Length (ft):		9.6	Bottom of Screen:	77.6 ft bgs or -17.1 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/12/2019	33.37	26.78	--	---	
3/23/2020	32.31	27.84	1.06	---	
6/22/2020	31.42	28.73	0.89	---	
9/21/2020	30.93	29.22	0.49	---	
12/21/2020	32.21	27.94	-1.28	---	
3/15/2021	32.24	27.91	-0.03	---	

MW-11S	Previous Designation:		MW-11S	Top of Casing Elevation-2009 (ft MSL):	32.22
Current Status:	Completed:		12/7/2004	Total Depth of Borehole:	24 ft bgs or 8.9 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):		4	Top of Screen:	8.3 ft bgs or 24.6 ft MSL
East / Shallow	Screen Length (ft):		15	Bottom of Screen:	23.3 ft bgs or 9.6 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/13/2019	6.36	25.86	--	---	
3/23/2020	5.83	26.39	0.53	---	
6/22/2020	6.28	25.94	-0.45	---	
9/21/2020	6.38	25.84	-0.10	---	
12/21/2020	6.52	25.70	-0.14	---	
3/15/2021	5.15	27.07	1.37	---	

MW-11D	Previous Designation:		MW-11D	Top of Casing Elevation-2009 (ft MSL):	32.37
Current Status:	Completed:		12/6/2004	Total Depth of Borehole:	59 ft bgs or -25.9 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):		4	Top of Screen:	53.2 ft bgs or -20.1 ft MSL
East / Deep	Screen Length (ft):		5	Bottom of Screen:	58.2 ft bgs or -25.1 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/13/2019	6.38	25.99	--	---	
9/21/2020	4.99	27.38	0.33	---	
12/21/2020	4.89	27.48	0.10	---	
3/15/2021	6.19	26.18	-1.30	---	

MW-12	Previous Designation:		MW-12	Top of Casing Elevation-2009 (ft MSL):	32.87
Current Status:	Completed:		12/10/2004	Total Depth of Borehole:	30 ft bgs or 3.2 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):		4	Top of Screen:	6.4 ft bgs or 26.8 ft MSL
East / Shallow	Screen Length (ft):		15	Bottom of Screen:	21.4 ft bgs or 11.8 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/12/2019	6.85	26.02	--	---	
3/23/2020	5.93	26.94	0.92	---	
6/22/2020	5.47	27.40	0.46	---	
9/21/2020	5.80	27.07	-0.33	---	
12/21/2020	5.81	27.06	-0.01	---	
3/15/2021	6.12	26.75	-0.31	---	

Table 1
Summary of Groundwater Elevations
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MW-13	Previous Designation:		MW-13	Top of Casing Elevation-2009 (ft MSL):	35.17
Current Status:	Completed:		12/8/2004	Total Depth of Borehole:	70 ft bgs or -37.6 ft MSL
Location/Aquifer Zone: East / Deep	Casing Diameter (in):		4	Top of Screen:	59.3 ft bgs or -26.9 ft MSL
	Screen Length (ft):		10	Bottom of Screen:	69.3 ft bgs or -36.9 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/12/2019	9.02	26.15	--	---	
3/23/2020	7.85	27.32	1.17	---	
6/22/2020	7.01	28.16	0.84	---	
9/21/2020	6.81	28.36	0.20	---	
12/21/2020	7.84	27.33	-1.03	---	
3/15/2021	7.88	27.29	-0.04	---	

MW-14	Previous Designation:		MW-14	Top of Casing Elevation-2009 (ft MSL):	34.91
Current Status:	Completed:		12/8/2004	Total Depth of Borehole:	71 ft bgs or -35.8 ft MSL
Location/Aquifer Zone: East / Deep	Casing Diameter (in):		4	Top of Screen:	60.1 ft bgs or -24.9 ft MSL
	Screen Length (ft):		10	Bottom of Screen:	70.1 ft bgs or -34.9 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/12/2019	8.21	26.70	--	---	
3/23/2020	7.34	27.57	0.87	---	
6/22/2020	7.40	27.51	0.06	---	
9/21/2020	8.01	26.90	0.61	---	
12/21/2020	8.11	26.80	0.10	---	
3/15/2021	7.89	27.02	-0.22	---	

MW-15	Previous Designation:		MW-15	Top of Casing Elevation-2009 (ft MSL):	30.19
Current Status:	Completed:		12/13/2004	Total Depth of Borehole:	21.5 ft bgs or 9.3 ft MSL
Location/Aquifer Zone: East / Shallow	Casing Diameter (in):		4	Top of Screen:	4.3 ft bgs or 26.5 ft MSL
	Screen Length (ft):		15	Bottom of Screen:	19.3 ft bgs or 11.5 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/13/2019	4.31	25.88	--	---	
3/23/2020	3.91	26.28	0.40	---	
6/22/2020	4.54	25.65	0.63	---	
9/21/2020	4.67	25.52	0.13	---	
12/21/2020	4.64	25.55	-0.03	---	
3/15/2021	4.34	25.85	-0.30	---	

MW-16S	Previous Designation:		MW-16S	Top of Casing Elevation-2009 (ft MSL):	28.30
Current Status:	Completed:		12/13/2004	Total Depth of Borehole:	15 ft bgs or 13.9 ft MSL
Location/Aquifer Zone: North / Shallow	Casing Diameter (in):		4	Top of Screen:	4.6 ft bgs or 24.3 ft MSL
	Screen Length (ft):		10	Bottom of Screen:	14.6 ft bgs or 14.3 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/13/2019	3.08	25.22	--	---	
3/23/2020	2.19	26.11	0.89	---	
6/22/2020	3.00	25.30	-0.81	---	
9/21/2020	3.10	25.20	-0.10	---	
12/21/2020	2.95	25.35	0.15	---	
3/15/2021	2.63	25.67	0.32	---	

MW-16I	Previous Designation:		MW-16D	Top of Casing Elevation-2009 (ft MSL):	27.94
Current Status:	Completed:		12/13/2004	Total Depth of Borehole:	30 ft bgs or -1.5 ft MSL
Location/Aquifer Zone: North / Intermediate	Casing Diameter (in):		4	Top of Screen:	19.2 ft bgs or 9.3 ft MSL
	Screen Length (ft):		10	Bottom of Screen:	29.5 ft bgs or -1.0 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/13/2019	3.27	24.67	--	---	
3/23/2020	1.92	26.02	-1.35	---	
6/22/2020	1.67	26.27	-0.25	---	
9/21/2020	1.92	26.02	0.25	---	
12/21/2020	2.58	25.36	0.66	---	
3/15/2021	2.30	25.64	-0.28	---	

Table 1
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MW-17		Previous Designation: MW-17		Top of Casing Elevation-2009 (ft MSL): 42.83	
Current Status: Active	Completed:	12/14/2004		Total Depth of Borehole:	33 ft bgs or 10.3 ft MSL
	Borehole Diameter (in):	10		Total Depth of Well:	33.0 ft bgs or 10.3 ft MSL
Location/Aquifer Zone: Central / Shallow	Casing Diameter (in):	4		Top of Screen:	17.7 ft bgs or 25.6 ft MSL
	Screen Length (ft):	15		Bottom of Screen:	32.7 ft bgs or 10.6 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
9/16/2019	16.50	26.33	--	---	
10/21/2019	16.60	26.23	-0.10	---	
11/18/2019	16.69	26.14	-0.09	---	
12/12/2019	16.32	26.51	0.37	---	
1/21/2020	15.69	27.14	0.63	---	
2/24/2020	15.47	27.36	0.22	---	
3/23/2020	15.21	27.62	0.26	---	
6/22/2020	14.21	28.62	1.00	---	
9/21/2020	13.92	28.91	0.29	---	
12/21/2020	15.01	27.82	-1.09	---	
1/18/2021	15.13	27.70	-0.12	---	
2/15/2021	15.20	27.63	-0.07	---	
3/15/2021	15.26	27.57	-0.06	---	

MW-18S		Previous Designation: None		Top of Casing Elevation-2009 (ft MSL): 28.69	
Current Status: Active	Completed:	12/2/2005		Total Depth of Borehole:	18.5 ft bgs or 10.8 ft MSL
	Borehole Diameter (in):	10		Total Depth of Well:	18.3 ft bgs or 11.0 ft MSL
Location/Aquifer Zone: North / Shallow	Casing Diameter (in):	4		Top of Screen:	7.9 ft bgs or 21.4 ft MSL
	Screen Length (ft):	9.6		Bottom of Screen:	17.5 ft bgs or 11.8 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/13/2019	3.91	24.78	--	---	
3/23/2020	3.20	25.49	0.71	---	
6/22/2020	4.01	24.68	-0.81	---	
9/21/2020	4.01	24.68	0.00	---	
12/21/2020	3.82	24.87	0.19	---	
3/15/2021	3.75	24.94	0.07	---	

MW-18D		Previous Designation: None		Top of Casing Elevation-2009 (ft MSL): 28.80	
Current Status: Active	Completed:	12/2/2005		Total Depth of Borehole:	47.5 ft bgs or -18.0 ft MSL
	Borehole Diameter (in):	10		Total Depth of Well:	47.8 ft bgs or -18.3 ft MSL
Location/Aquifer Zone: North / Deep	Casing Diameter (in):	4		Top of Screen:	40.5 ft bgs or -11.0 ft MSL
	Screen Length (ft):	7		Bottom of Screen:	47.5 ft bgs or -18.0 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/13/2019	3.96	24.84	--	---	
3/23/2020	3.49	25.31	0.47	---	
6/22/2020	2.81	25.99	0.68	---	
9/21/2020	3.34	25.46	-0.53	---	
12/21/2020	3.59	25.21	-0.25	---	
3/15/2021	3.34	25.46	0.25	---	

MW-19S		Previous Designation: None		Top of Casing Elevation-2009 (ft MSL): 27.45	
Current Status: Active	Completed:	12/5/2006		Total Depth of Borehole:	19.5 bgs or 8.5 ft MSL
	Borehole Diameter (in):	10		Total Depth of Well:	19.4 bgs or 8.6 ft MSL
Location/Aquifer Zone: North / Shallow	Casing Diameter (in):	4		Top of Screen:	9.4 bgs or 18.6 ft MSL
	Screen Length (ft):	9.5		Bottom of Screen:	18.9 bgs or 9.1 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/13/2019	2.07	25.38	--	---	
3/23/2020	1.71	25.74	0.36	---	
6/22/2020	3.67	23.78	-1.96	---	
9/21/2020	4.02	23.43	-0.35	---	
12/21/2020	3.40	24.05	0.62	---	
3/15/2021	2.52	24.93	0.88	---	

Table 1
Summary of Groundwater Elevations
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MW-19D		Previous Designation: None		Top of Casing Elevation-2009 (ft MSL): 26.78	
Current Status: Active	Completed: 12/7/2006		Total Depth of Borehole: 86.5 bgs or -59.5 ft MSL		
	Borehole Diameter (in): 10		Total Depth of Well: 85.2 bgs or -58.1 ft MSL		
Location/Aquifer Zone: North / Deep	Casing Diameter (in): 4		Top of Screen: 75.2 bgs or -48.1 ft MSL		
	Screen Length (ft): 9.5		Bottom of Screen: 84.7 bgs or -57.6 ft MSL		
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/13/2019	1.35	25.43	--	---	
3/23/2020	0.50	26.28	0.85	---	
6/22/2020	0.87	25.91	-0.37	---	
9/21/2020	1.53	25.25	-0.66	---	
12/21/2020	1.57	25.21	-0.04	---	
3/15/2021	1.18	25.60	0.39	---	
MW-20S		Previous Designation: None		Top of Casing Elevation-2009 (ft MSL): 26.67	
Current Status: Active	Completed: 12/3/2005		Total Depth of Borehole: 17.5 ft bgs or 9.8 ft MSL		
	Borehole Diameter (in): 10		Total Depth of Well: 17.2 ft bgs or 10.1 ft MSL		
Location/Aquifer Zone: East / Shallow	Casing Diameter (in): 4		Top of Screen: 8.1 ft bgs or 19.1 ft MSL		
	Screen Length (ft): 8.5		Bottom of Screen: 16.6 ft bgs or 10.6 ft MSL		
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
9/17/2018	3.90	22.77	-1.77	---	
12/12/2019	1.20	25.47	--	---	
3/23/2020	0.88	25.79	0.32	---	
6/22/2020	2.18	24.49	-1.30	---	
9/21/2020	2.48	24.19	-0.30	---	
12/21/2020	2.12	24.55	0.36	---	
3/15/2021	1.56	25.11	0.56	---	
MW-21		Previous Designation: None		Top of Casing Elevation-2009 (ft MSL): 33.44	
Current Status: Active	Completed: 12/3/2006		Total Depth of Borehole: 26.5 ft bgs or 7.5 ft MSL		
	Borehole Diameter (in): 10		Total Depth of Well: 21.8 ft bgs or 12.2 ft MSL		
Location/Aquifer Zone: South / Shallow	Casing Diameter (in): 4		Top of Screen: 11.6 ft bgs or 22.4 ft MSL		
	Screen Length (ft): 9.5		Bottom of Screen: 21.2 ft bgs or 12.8 ft MSL		
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
9/17/18 9:03	8.01	25.43	-0.98	---	
12/13/2019	7.10	26.34	--	---	
3/23/2020	5.74	27.70	1.36	---	
6/22/2020	4.81	28.63	0.93	---	
9/21/2020	4.40	29.04	0.41	---	
12/21/2020	5.71	27.73	-1.31	---	
3/15/2021	5.76	27.68	-0.05	---	
MW-22		Previous Designation: None		Top of Casing Elevation-2009 (ft MSL): 31.89	
Current Status: Active	Completed: 12/2/2005		Total Depth of Borehole: 18.5 ft bgs or 13.8 ft MSL		
	Borehole Diameter (in): 10		Total Depth of Well: 17.8 ft bgs or 14.5 ft MSL		
Location/Aquifer Zone: East / Shallow	Casing Diameter (in): 4		Top of Screen: 8.7 ft bgs or 23.6 ft MSL		
	Screen Length (ft): 8.5		Bottom of Screen: 17.2 ft bgs or 15.1 ft MSL		
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/16/2019	5.63	26.26	--	---	
3/23/2020	4.52	27.37	1.11	---	
6/22/2020	3.86	28.03	0.66	---	
9/21/2020	4.04	27.85	-0.18	---	
12/21/2020	4.16	27.73	-0.12	---	
3/15/2021	4.80	27.09	-0.64	---	

Table 1
Summary of Groundwater Elevations
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MW-22D		Previous Designation: None		Top of Casing Elevation-2009 (ft MSL): 31.80	
Current Status: Active		Completed: 1/8/2007		Total Depth of Borehole: 55.5 ft bgs or -23.4 ft MSL	
Location/Aquifer Zone: East / Deep		Borehole Diameter (in): 10		Total Depth of Well: 54.3 ft bgs or -22.1 ft MSL	
		Casing Diameter (in): 4		Top of Screen: 44.3 ft bgs or -12.2 ft MSL	
		Screen Length (ft): 9.5		Bottom of Screen: 53.5 ft bgs or -21.4 ft MSL	
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/13/2019	5.18	26.62	--	---	
3/23/2020	3.99	27.81	1.19	---	
6/22/2020	3.70	28.10	0.29	---	
9/21/2020	2.89	28.91	0.81	---	
12/21/2020	3.82	27.98	-0.93	---	
3/15/2021	4.11	27.69	-0.29	---	
MW-23		Previous Designation: None		Top of Casing Elevation-2009 (ft MSL): 51.13	
Current Status: Active		Completed: 11/2/2005		Total Depth of Borehole: 30 ft bgs or 21.1 ft MSL	
Location/Aquifer Zone: Central / Shallow		Borehole Diameter (in): 10		Total Depth of Well: 30.5 ft bgs or 20.6 ft MSL	
		Casing Diameter (in): 4		Top of Screen: 20.3 ft bgs or 30.8 ft MSL	
		Screen Length (ft): 9.6		Bottom of Screen: 29.9 ft bgs or 21.2 ft MSL	
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
9/17/2018	25.80	25.33	-0.87	---	
12/12/2019	24.61	26.52	--	---	
3/23/2020	23.59	27.54	1.02	---	
6/22/2020	22.76	28.37	0.83	---	
9/21/2020	18.38	32.75	4.38	---	
12/21/2020	23.42	27.71	-5.04	---	
3/15/2021	23.58	27.55	-0.16	---	
MW-30S		Previous Designation: None		Top of Casing Elevation (ft MSL): 29.98	
Current Status: Active		Completed: 12/5/06		Top of Casing Elevation-2009 (ft MSL): 26.11086	
Location/Aquifer Zone: Riparian / Shallow		Borehole Diameter (in): 10.00		Total Depth of Borehole: 18 ft bgs or 8.8 ft MSL	
		Casing Diameter (in): 4.00		Total Depth of Well: 17.7 ft bgs or 9.1 ft MSL	
		Screen Length (ft): 9.50		Top of Screen: 7.6 ft bgs or 19.2 ft MSL	
				Bottom of Screen: 17.1 ft bgs or 9.7 ft MSL	
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
3/26/2018	6.45	23.53	1.01	Checked dedicated pump depth; On 11/16/17 a well monument was added and top of casing	
9/17/2018	7.58	22.40	-1.13	---	
12/21/2020	6.44	23.54	1.14	---	
3/15/2021	5.71	24.27	0.73	---	
MW-32S		Previous Designation: None		Top of Casing Elevation-2009 (ft MSL): 27.31	
Current Status: Active		Completed: 12/3/2006		Total Depth of Borehole: 19.5 ft bgs or 8.3 ft MSL	
Location/Aquifer Zone: East / Shallow		Borehole Diameter (in): 10		Total Depth of Well: 18.7 ft bgs or 9.1 ft MSL	
		Casing Diameter (in): 4		Top of Screen: 8.6 ft bgs or 19.2 ft MSL	
		Screen Length (ft): 9.5		Bottom of Screen: 18.1 ft bgs or 9.7 ft MSL	
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
9/17/2018	4.45	22.86	-1.60	---	
12/12/2019	1.93	25.38	--	---	
3/23/2020	1.56	25.75	0.37	---	
6/22/2020	2.98	24.33	-1.42	---	
9/21/2020	3.20	24.11	-0.22	---	
12/21/2020	2.81	24.50	0.39	---	
3/15/2021	2.08	25.23	0.73	---	

Table 1
Summary of Groundwater Elevations
Northern Sorrento Valley Property
General Atomics, San Diego, California

MW-33		Previous Designation: None		Top of Casing Elevation-2015 (ft MSL): 38.86	
Current Status: Active	Completed: 5/27/2015	Borehole Diameter (in): 8		Total Depth of Borehole: 26.0 ft bgs or 13.3 ft MSL	
Location/Aquifer Zone: Central / Shallow	Casing Diameter (in): 2	Screen Length (ft): 15		Total Depth of Well: 25.0 ft bgs or 14.3 ft MSL	
				Top of Screen: 10.0 ft bgs or 29.3 ft MSL	
				Bottom of Screen: 25 ft bgs or 14.3 ft MSL	
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
3/23/2020	11.12	27.74	1.18	---	
6/22/2020	10.15	28.71	0.97	---	
9/21/2020	9.83	29.03	0.32	---	
12/21/2020	11.04	27.82	-1.21	---	
1/18/2021	11.16	27.70	-0.12	---	
2/15/2021	11.11	27.75	0.05	---	
3/15/2021	11.03	27.83	0.08	---	
MW-34		Previous Designation: None		Top of Casing Elevation-2018 (ft MSL): 61.03	
Current Status: Active	Completed: 2/21/2016	Borehole Diameter (in): 6		Total Depth of Borehole: 45.9 ft bgs or 15.4 ft MSL	
Location/Aquifer Zone: East / Shallow	Casing Diameter (in): 2	Screen Length (ft): 15		Total Depth of Well: 45.0 ft bgs or 16.3 ft MSL	
				Top of Screen: 30.0 ft bgs or 31.3 ft MSL	
				Bottom of Screen: 45.0 ft bgs or 16.3 ft MSL	
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
4/15/2019	34.04	26.99	--	---	
5/13/2019	34.11	26.92	-0.07	---	
6/11/2019	33.93	27.10	0.18	---	
7/23/2019	34.04	26.99	-0.11	---	
12/13/2019	34.31	26.72	-0.27	---	
6/22/2020	32.20	28.83	1.01	permanganate present	
9/21/2020	31.60	29.43	0.60	permanganate present	
12/21/2020	33.09	27.94	-1.49	permanganate present	
MW-35		Previous Designation: None		Top of Casing Elevation-2018 (ft MSL): 61.08	
Current Status: Active	Completed: 2/21/2016	Borehole Diameter (in): 6		Total Depth of Borehole: 45.6 ft bgs or 15.8 ft MSL	
Location/Aquifer Zone: East / Shallow	Casing Diameter (in): 2	Screen Length (ft): 15		Total Depth of Well: 45.0 ft bgs or 16.4 ft MSL	
				Top of Screen: 30.0 ft bgs or 31.4 ft MSL	
				Bottom of Screen: 45.0 ft bgs or 16.4 ft MSL	
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
1/27/2017	34.82	26.26	0.78	---	
3/20/2017	33.25	27.83	1.57	---	
9/18/2017	34.21	26.87	-0.96	---	
3/26/2018	34.58	26.50	-0.37	---	
9/17/2018	35.47	25.61	-0.89	---	
12/18/2019	34.82	26.26	--	---	
3/23/2020	33.32	27.76	1.50	permanganate present	
6/22/2020	32.15	28.93	1.17	permanganate present	
9/21/2020	31.01	30.07	1.14	permanganate present	
12/21/2020	32.59	28.49	-1.58	permanganate present	
3/15/2021	32.89	28.19	-0.30	permanganate present	
MW-36		Previous Designation: None		Top of Casing Elevation-2018 (ft MSL): 61.12	
Current Status: Active	Completed: 2/21/2016	Borehole Diameter (in): 6		Total Depth of Borehole: 46.0 ft bgs or 15.4 ft MSL	
Location/Aquifer Zone: East / Shallow	Casing Diameter (in): 2	Screen Length (ft): 15		Total Depth of Well: 45.5 ft bgs or 15.9 ft MSL	
				Top of Screen: 30.0 ft bgs or 31.4 ft MSL	
				Bottom of Screen: 45.0 ft bgs or 16.4 ft MSL	
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
1/27/2017	34.60	26.52	0.91	---	
3/20/2017	33.35	27.77	1.25	---	
9/18/2017	34.30	26.82	-0.95	---	
3/26/2018	34.49	26.63	-0.19	---	
9/17/2018	35.36	25.76	-0.87	---	
12/13/2019	34.29	26.83	--	---	
3/23/2020	32.61	28.51	1.68	permanganate present	
6/22/2020	31.80	29.32	0.81	permanganate present	
9/21/2020	30.44	30.68	1.36	permanganate present	
12/21/2020	32.62	28.50	-2.18	permanganate present	
3/15/2021	32.91	28.21	-0.29	permanganate present	

Table 1
Summary of Groundwater Elevations
Northern Sorrento Valley Property
General Atomics, San Diego, California

GECC-401		Previous Designation: GECC-401C		Top of Casing Elevation-2009 (ft MSL): 60.21	
Current Status: Active	Completed: 9/19/1994		Total Depth of Borehole: 45 ft bgs or 15.2 ft MSL		
Location/Aquifer Zone: West / Shallow	Borehole Diameter (in): 8		Total Depth of Well: 45.0 ft bgs or 15.2 ft MSL		
	Casing Diameter (in): 2		Top of Screen: 35.0 ft bgs or 25.2 ft MSL		
	Screen Length (ft): 10		Bottom of Screen: 45.0 ft bgs or 15.2 ft MSL		
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
4/15/2019	32.71	27.50	--	---	
5/13/2019	34.03	26.18	-1.32	---	
6/10/2019	33.51	26.70	0.52	---	
7/22/2019	33.02	27.19	0.49	---	
8/19/2019	33.15	27.06	-0.13	---	
9/16/2019	33.14	27.07	0.01	---	
10/21/2019	33.36	26.85	-0.22	---	
11/18/2019	34.49	25.72	-1.13	---	
12/13/2019	33.54	26.67	0.95	permanganate present	
1/21/2020	33.74	26.47	-0.20	permanganate present	
3/23/2020	32.08	28.13	0.66	permanganate present	
6/22/2020	31.26	28.95	0.82	permanganate present	
9/21/2020	29.22	30.99	2.04	permanganate present	
12/21/2020	30.57	29.64	-1.35	permanganate present	
3/15/2021	28.43	31.78	2.14	permanganate present	

GECC-901		Previous Designation: GECC-901		Top of Casing Elevation-2009 (ft MSL): 36.33	
Current Status: Active	Completed: 9/22/1994		Total Depth of Borehole: 20 ft bgs or 16.3 ft MSL		
Location/Aquifer Zone: East / Shallow	Borehole Diameter (in): 8		Total Depth of Well: 20.0 ft bgs or 16.3 ft MSL		
	Casing Diameter (in): 2		Top of Screen: 10.0 ft bgs or 26.3 ft MSL		
	Screen Length (ft): 10		Bottom of Screen: 20.0 ft bgs or 16.3 ft MSL		
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
4/15/2018	10.05	26.28	--	---	
5/13/2019	10.12	26.21	--	---	
6/11/2019	10.26	26.07	-0.14	---	
7/22/2019	10.36	25.97	-0.10	---	
8/19/2019	10.81	25.52	-0.45	---	
9/16/2019	10.80	25.53	0.01	---	
10/21/2019	10.99	25.34	-0.19	---	
11/18/2019	10.98	25.35	0.01	---	
12/12/2019	10.7	25.63	0.28	---	
1/21/2020	10.29	26.04	0.41	---	
2/24/2020	11.1	25.23	-0.81	---	
6/22/2020	8.82	27.51	2.28	---	
9/21/2020	9.12	27.21	-0.30	---	
12/21/2020	9.29	27.04	-0.17	---	
1/18/2021	9.54	26.79	-0.25	---	
2/15/2021	9.64	26.69	-0.10	---	
3/15/2021	9.46	26.87	0.18	---	

Table 1
Summary of Groundwater Elevations
Northern Sorrento Valley Property
General Atomics, San Diego, California

GECC-902		Previous Designation: GECC-902		Top of Casing Elevation (ft MSL): 36.25	
				Top of Casing Elevation-2009 (ft MSL): 38.40	
Current Status: Active	Completed: 9/22/1994		Total Depth of Borehole: 20 ft bgs or 18.5 ft MSL		
Location/Aquifer Zone: East / Shallow	Borehole Diameter (in): 8		Total Depth of Well: 20.0 ft bgs or 18.5 ft MSL		
	Casing Diameter (in): 2		Top of Screen: 10.0 ft bgs or 28.5 ft MSL		
	Screen Length (ft): 10		Bottom of Screen: 20.0 ft bgs or 18.5 ft MSL		
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
4/15/2019	11.62	26.78	--	---	
5/13/2019	12.33	26.07	-0.71	---	
6/11/2019	12.45	25.95	-0.12	---	
7/22/2019	12.51	25.89	-0.06	---	
8/19/2019	12.73	25.67	-0.22	---	
9/16/2019	12.89	25.51	-0.16	---	
10/21/2019	13.21	25.19	-0.32	---	
11/18/2019	13.14	25.26	0.07	---	
12/12/2019	12.3	26.10	0.84	---	
1/21/2020	11.9	26.50	0.40	---	
2/24/2020	11.98	26.42	-0.08	---	
3/23/2020	11.58	26.82	0.40	---	
6/22/2020	11.24	27.16	0.34	---	
9/21/2020	11.42	26.98	-0.18	---	
12/21/2020	11.74	26.66	-0.32	---	
1/18/2021	11.71	26.69	0.03	---	
2/15/2021	11.63	26.77	0.08	---	
3/15/2021	11.72	26.68	-0.09	---	

GECC-905		Previous Designation: GECC-905		Top of Casing Elevation-2009 (ft MSL): 41.33	
Current Status: Active	Completed: 9/22/1994		Total Depth of Borehole: 22 ft bgs or 19.3 ft MSL		
Location/Aquifer Zone: East / Shallow	Borehole Diameter (in): 8		Total Depth of Well: 22.0 ft bgs or 19.3 ft MSL		
	Casing Diameter (in): 2		Top of Screen: 12.0 ft bgs or 29.3 ft MSL		
	Screen Length (ft): 10		Bottom of Screen: 22.0 ft bgs or 19.3 ft MSL		
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
4/15/2019	14.71	26.62	--	---	
5/13/2019	15.02	26.31	-0.31	---	
6/11/2019	15.10	26.23	-0.08	---	
7/22/2019	15.08	26.25	0.02	---	
8/19/2019	15.37	25.96	-0.29	---	
9/16/2019	15.51	25.82	-0.14	---	
10/21/2019	15.89	25.44	-0.38	---	
11/18/2019	15.98	25.35	-0.09	---	
12/12/2019	15.15	26.18	0.83	---	
1/21/2020	14.72	26.61	0.43	---	
2/24/2020	14.65	26.68	0.07	---	
3/23/2020	14.18	27.15	0.47	---	
6/22/2020	13.84	27.49	0.34	---	
9/21/2020	13.81	27.52	0.03	---	
12/21/2020	14.52	26.81	-0.71	---	
1/18/2021	14.42	26.91	0.10	---	
2/15/2021	14.40	26.93	0.02	---	
3/15/2021	14.40	26.93	0.00	---	

P-1		Previous Designation: None		Top of Casing Elevation-2009 (ft MSL): 28.76	
Current Status: Active	Completed: 1/9/2007		Total Depth of Borehole: 11.2 ft bgs or 15.7 ft MSL		
Location/Aquifer Zone: Riparian / Shallow	Borehole Diameter (in): 3		Total Depth of Well: 11.4 ft bgs or 15.5 ft MSL		
	Casing Diameter (in): 0.75		Top of Screen: 9.3 ft bgs or 17.6 ft MSL		
	Screen Length (ft): 1.9		Bottom of Screen: 11.2 ft bgs or 15.7 ft MSL		
Date & Time	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/13/2016	5.83	22.93	1.42	---	
1/27/2017	2.55	26.21	3.28	---	
3/20/2017	3.88	24.88	-1.33	---	
9/18/2017	6.42	22.34	-2.54	---	
3/26/2018	4.72	24.04	1.70	---	
9/17/2018	6.63	22.13	-1.91	TD is approximate due to friction in well following removal of dedicated tubing.	
12/21/2020	5.03	23.73	1.60	---	
3/15/2021	3.83	24.93	1.20	---	

Table 1
Summary of Groundwater Elevations
Northern Sorrento Valley Property
General Atomics, San Diego, California

P-2	Previous Designation:		None	Top of Casing Elevation (ft MSL):	25.87
Current Status:	Completed:		1/9/2007	Top of Casing Elevation-2009 (ft MSL):	27.98
Active	Borehole Diameter (in):		3	Total Depth of Borehole:	10.8 ft bgs or 14.8 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):		0.75	Total Depth of Well:	10.5 ft bgs or 15.1 ft MSL
Riparian / Shallow	Screen Length (ft):		1.9	Top of Screen:	8.4 ft bgs or 17.2 ft MSL
				Bottom of Screen:	10.3 ft bgs or 15.3 ft MSL
Date & Time	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/13/2016	5.40	20.47	-0.34	---	
1/27/2017	2.51	23.36	2.89	---	
3/20/2017	3.66	22.21	-1.15	---	
9/18/2017	6.56	19.31	-2.90	---	
3/26/2018	4.43	21.44	2.13	---	
9/17/2018	6.78	19.09	-2.35	TD is approximate due to friction in well following removal of dedicated tubing.	
12/21/2020	4.93	20.94	1.85	---	
3/15/2021	3.74	22.13	1.19	---	

P-3	Previous Designation:		None	Top of Casing Elevation (ft MSL):	23.47
Current Status:	Completed:		1/9/2007	Top of Casing Elevation-2009 (ft MSL):	25.69
Active	Borehole Diameter (in):		3	Total Depth of Borehole:	10.8 ft bgs or 12.4 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):		1	Total Depth of Well:	10.7 ft bgs or 12.5 ft MSL
Riparian / Shallow	Screen Length (ft):		1.9	Top of Screen:	8.6 ft bgs or 14.6 ft MSL
				Bottom of Screen:	10.5 ft bgs or 12.7 ft MSL
Date & Time	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/13/2016	2.97	20.50	2.13	Ants in standpipe.	
1/27/2017	1.22	22.25	1.75	---	
3/20/2017	2.36	21.11	-1.14	---	
9/18/2017	4.52	18.95	-2.16	---	
3/26/2018	2.53	20.94	1.99	---	
9/17/2018	4.90	18.57	-2.37	TD is approximate due to friction in well following removal of dedicated tubing.	
12/21/2020	2.85	20.62	2.05	---	
3/15/2021	2.04	21.43	0.81	---	

P-111	Previous Designation:		None	Top of Casing Elevation-2015 (ft MSL):	42.43
Current Status:	Completed:		5/28/2015	Total Depth of Borehole:	28.0 ft bgs or 14.4 ft MSL
Active	Borehole Diameter (in):		8	Total Depth of Well:	27.0 ft bgs or 15.4 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):		2	Top of Screen:	12.0 ft bgs or 30.4 ft MSL
PRB / Shallow-Upper	Screen Length (ft):		15	Bottom of Screen:	27 ft bgs or 15.4 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
1/27/2017	15.90	26.53	1.06	---	
3/20/2017	14.88	27.55	1.02	Water bailed from well box below TOC	
9/18/2017	16.07	26.36	-1.19	---	
3/26/2018	16.04	26.39	0.03	---	
9/17/2018	16.99	25.44	-0.95	---	
4/15/2018	15.30	27.13	--	---	
5/13/2019	15.51	26.92	--	---	
6/11/2019	15.29	27.14	27.14	---	
7/22/2019	15.52	26.91	-0.23	---	
8/19/2019	15.75	26.68	-0.23	---	
9/16/2019	15.93	26.50	-0.18	---	
10/21/2019	16.19	26.24	-0.26	---	
11/18/2019	16.20	26.23	-0.01	---	
12/12/2019	15.70	26.73	0.50	---	
1/21/2020	15.19	27.24	0.51	---	
2/24/2020	14.78	27.65	0.41	---	
3/23/2020	14.66	27.77	0.12	---	
6/22/2020	13.81	28.62	0.85	---	
9/21/2020	13.41	29.02	0.40	---	
12/21/2020	14.53	27.90	-1.12	---	
1/18/2021	14.72	27.71	-0.19	---	
2/15/2021	14.71	27.72	0.01	---	
3/15/2021	14.65	27.78	0.06	---	

Table 1
Summary of Groundwater Elevations
Northern Sorrento Valley Property
General Atomics, San Diego, California

P-112	Previous Designation:		None	Top of Casing Elevation-2015 (ft MSL):	39.92
Current Status:	Completed:		5/28/2015	Total Depth of Borehole:	30.0 ft bgs or 9.9 ft MSL
Active	Borehole Diameter (in):		2	Total Depth of Well:	29.0 ft bgs or 10.9 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):		1	Top of Screen:	14.0 ft bgs or 25.9 ft MSL
PRB / Shallow-Upper	Screen Length (ft):		15	Bottom of Screen:	29.0 ft bgs or 10.9 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
1/27/2017	13.62	26.30	1.43	---	
3/20/2017	12.69	27.23	0.93	---	
9/18/2017	14.33	25.59	-1.64	---	
3/26/2018	14.06	25.86	0.27	---	
9/17/2018	15.22	24.70	-1.16	---	
12/12/2019	13.94	25.98	--	---	
3/23/2020	13.78	26.14	0.16	---	
6/22/2020	13.64	26.28	0.14	---	
9/21/2020	12.72	27.20	0.92	---	
12/21/2020	13.22	26.70	-0.50	---	
1/18/2021	13.21	26.71	0.01	---	
2/15/2021	13.98	25.94	-0.77	---	
3/15/2021	13.09	26.83	0.89	---	

P-113	Previous Designation:		None	Top of Casing Elevation-2015 (ft MSL):	36.13
Current Status:	Completed:		5/27/2015	Total Depth of Borehole:	26.0 ft bgs or 10.1 ft MSL
Active	Borehole Diameter (in):		8	Total Depth of Well:	25 ft bgs or 11.1 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):		2	Top of Screen:	10 ft bgs or 26.1 ft MSL
PRB / Shallow-Upper	Screen Length (ft):		15	Bottom of Screen:	25 ft bgs or 11.1 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
9/16/2019	10.38	25.75	--	---	
10/21/2019	10.39	25.74	-0.01	---	
11/18/2019	10.59	25.54	-0.20	---	
12/12/2019	10.30	25.83	0.29	---	
1/21/2020	9.72	26.41	0.58	---	
2/24/2020	11.80	24.33	-2.08	---	
3/23/2020	9.43	26.70	2.37	---	
6/22/2020	8.22	27.91	1.21	---	
9/21/2020	8.52	27.61	-0.30	dedicated pump did not work, portable bladder pump used	
12/21/2020	9.60	26.53	-1.08	dedicated pump did not work, portable bladder pump used	
1/18/2021	9.61	26.52	-0.01	---	
2/15/2021	9.51	26.62	0.10	---	
3/15/2021	9.16	26.97	0.35	---	

P-114	Previous Designation:		None	Top of Casing Elevation-2015 (ft MSL):	35.79
Current Status:	Completed:		5/28/2015	Total Depth of Borehole:	26.0 ft bgs or 9.8 ft MSL
Active	Borehole Diameter (in):		8	Total Depth of Well:	23.0 ft bgs or 12.8 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):		2	Top of Screen:	8.0 ft bgs or 27.8 ft MSL
PRB / Shallow-Upper	Screen Length (ft):		15	Bottom of Screen:	23.0 ft bgs or 12.8 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
1/27/2017	9.27	26.52	1.00	---	
3/20/2017	8.17	27.62	1.10	Water bailed from well box below TOC	
9/18/2017	9.23	26.56	-1.06	---	
3/26/2018	9.29	26.50	-0.06	---	
9/17/2018	10.23	25.56	-0.94	---	
12/12/2019	9.14	26.65	1.09	---	
3/23/2020	8.24	27.55	0.90	---	
6/22/2020	7.02	28.77	1.22	---	
9/21/2020	7.93	27.86	-0.91	---	
12/21/2020	8.33	27.46	-0.40	---	
1/18/2021	8.27	27.52	0.06	---	
2/15/2021	8.34	27.45	-0.07	---	
3/15/2021	8.21	27.58	0.13	---	

Table 1
Summary of Groundwater Elevations
Northern Sorrento Valley Property
General Atomics, San Diego, California

SVE-1		Previous Designation:		TW-1	Top of Casing Elevation (ft MSL):	60.88
Current Status:	Completed:			9/12/2009	Total Depth of Borehole:	46.5 ft bgs or 14.38 ft MSL
Active	Borehole Diameter (in):			10	Total Depth of Well:	46.5 ft bgs or 14.38 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):			4	Top of Screen:	21.0 ft bgs or 39.88 ft MSL
SVE / Shallow	Screen Length (ft):			25	Bottom of Screen:	46.0 ft bgs or 14.88 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments		
4/15/2019	33.59	27.29	--	---		
5/13/2019	33.79	27.09	-0.20	---		
6/10/2019	33.80	27.08	-0.01	---		
7/22/2019	29.21	31.67	4.59	---		
8/19/2019	29.97	30.91	-0.76	---		
9/16/2019	34.17	26.71	-4.20	---		
10/21/2019	34.58	26.30	-0.41	---		
11/18/2019	34.67	26.21	-0.09	---		
12/12/2019	34.36	26.52	0.31	---		
1/21/2020	33.42	27.46	0.94	permanganate present		
2/24/2020	33.17	27.71	0.25	permanganate present		
3/23/2020	33.09	27.79	0.08	permanganate present		
6/22/2020	31.91	28.97	1.18	permanganate present		
9/21/2020	31.51	29.37	0.40	permanganate present		
12/21/2020	32.65	28.23	-1.14	permanganate present		
3/15/2021	32.83	28.05	-0.18	permanganate present		

SVE-2		Previous Designation:		TW-2	Top of Casing Elevation (ft MSL):	60.82
Current Status:	Completed:			9/12/2009	Total Depth of Borehole:	46.5 ft bgs or 14.32 ft MSL
Active	Borehole Diameter (in):			10	Total Depth of Well:	46.5 ft bgs or 14.32 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):			4	Top of Screen:	20.0 ft bgs or 40.82 ft MSL
SVE / Shallow	Screen Length (ft):			25	Bottom of Screen:	45.0 ft bgs or 15.82 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments		
12/12/2019	34.28	26.54	--	---		
3/23/2020	32.98	27.84	1.33	permanganate present		
6/22/2020	31.92	28.90	1.06	permanganate present		
9/21/2020	29.03	31.79	2.89	permanganate present		
12/21/2020	32.64	28.18	-3.61	permanganate present		
3/15/2021	32.88	27.94	-0.24	permanganate present		

SVE-3		Previous Designation:		None	Top of Casing Elevation (ft MSL):	61.08
Current Status:	Completed:			7/24/2011	Total Depth of Borehole:	46.0 ft bgs or 15.08 ft MSL
Active	Borehole Diameter (in):			10	Total Depth of Well:	45.0 ft bgs or 16.08 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):			4	Top of Screen:	12.0 ft bgs or 49.08 ft MSL
SVE / Shallow	Screen Length (ft):			32.5	Bottom of Screen:	44.5 ft bgs or 16.58 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments		
12/12/2019	34.48	26.60	--	---		
3/23/2020	33.29	27.79	1.19	permanganate present		
6/22/2020	32.23	28.85	1.06	permanganate present		
9/21/2020	29.87	31.21	2.36	permanganate present		
12/21/2020	32.99	28.09	-3.12	permanganate present		
3/15/2021	33.16	27.92	-0.17	permanganate present		

SVE-4		Previous Designation:		None	Top of Casing Elevation-2018 (ft MSL):	60.98
Current Status:	Completed:			7/23/2011	Total Depth of Borehole:	46.0 ft bgs or 15.03 ft MSL
Active	Borehole Diameter (in):			10	Total Depth of Well:	45.0 ft bgs or 16.03 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):			4	Top of Screen:	11.5 ft bgs or 49.53 ft MSL
SVE / Shallow	Screen Length (ft):			33	Bottom of Screen:	44.5 ft bgs or 16.53 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments		
4/15/2019	33.82	27.16	--	---		
5/13/2019	34.12	26.86	-0.30	---		
6/10/2019	33.91	27.07	0.21	---		
7/23/2019	29.20	31.78	4.71	---		
8/19/2019	30.53	30.45	-1.33	---		
9/16/2019	34.42	26.56	-3.89	---		
10/21/2019	34.81	26.17	-0.39	---		
11/18/2019	34.77	26.21	0.04	---		
12/12/2019	34.35	26.63	0.42	---		
1/21/2020	33.24	27.74	1.11	permanganate present		
2/24/2020	32.68	28.30	0.56	permanganate present		
3/23/2020	32.22	28.76	0.46	permanganate present		
6/22/2020	32.17	28.81	0.05	permanganate present		
9/21/2020	31.71	29.27	0.46	permanganate present		
12/21/2020	33.01	27.97	-1.30	permanganate present		
3/15/2021	33.17	27.81	-0.16	permanganate present		

Table 1
Summary of Groundwater Elevations
Northern Sorrento Valley Property
General Atomics, San Diego, California

SVE-5		Previous Designation:		None		Top of Casing Elevation-2018 (ft MSL):		60.53	
Current Status:	Completed:	4/5/2018		Total Depth of Borehole:		45 ft bgs or 15.53 ft MSL			
	Active	Borehole Diameter (in):	10		Total Depth of Well:		45 ft bgs or 15.53 ft MSL		
Location/Aquifer Zone:	Casing Diameter (in):	4		Top of Screen:		25 ft bgs or 35.53 ft MSL			
	SVE / Shallow	Screen Length (ft):	15		Bottom of Screen:		45 ft bgs or 15.53 ft MSL		
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft		Observations & Comments				
6/10/2019	30.36	30.17	#REF!		---				
8/20/2019	30.43	30.10	-0.07		---				
9/16/2019	33.17	27.36	-2.74		---				
10/21/2019	34.18	26.35	-1.01		---				
11/18/2019	34.19	26.34	-0.01		---				
12/12/2019	33.94	26.59	0.25		---				
1/21/2020	33.10	27.43	0.84		permanganate present				
2/24/2020	32.97	27.56	0.13		permanganate present				
3/23/2020	32.44	28.09	0.53		permanganate present				
6/22/2020	30.21	30.32	2.23		permanganate present				
9/21/2020	28.48	32.05	1.73		permanganate present				
12/21/2020	32.32	28.21	-3.84		permanganate present				
3/15/2021	32.59	27.94	-0.27		permanganate present				

SVE-6		Previous Designation:		None		Top of Casing Elevation-2018 (ft MSL):		60.75	
Current Status:	Completed:	4/5/2018		Total Depth of Borehole:		42 ft bgs or 18.75 ft MSL			
	Active	Borehole Diameter (in):	10		Total Depth of Well:		42 ft bgs or 18.75 ft MSL		
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:		22 ft bgs or 40.75 ft MSL			
	SVE / Shallow	Screen Length (ft):	20		Bottom of Screen:		42 ft bgs or 18.75 ft MSL		
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft		Observations & Comments				
4/15/2019	37.99	22.76	--		35 degree angled well				
5/13/2019	37.35	23.40	0.64		---				
6/10/2019	33.43	27.32	3.92		---				
8/20/2019	35.32	25.43	-1.89		---				
9/16/2019	38.83	21.92	-3.51		---				
10/21/2019	39.29	21.46	-0.46		---				
11/18/2019	39.27	21.48	0.02		---				
12/13/2019	38.92	21.83	0.35		---				
1/21/2020	38.32	22.43	0.60		permanganate present				
2/24/2020	38.05	22.70	0.27		permanganate present				
3/23/2020	37.57	23.18	0.48		permanganate present				
6/22/2020	36.44	24.31	1.13		permanganate present				
9/21/2020	32.79	27.96	3.65		permanganate present				
12/21/2020	37.31	23.44	-4.52		permanganate present				

SVE-7		Previous Designation:		None		Top of Casing Elevation (ft MSL):		60.60	
Current Status:	Completed:	2/5/2019		Total Depth of Borehole:		45 ft bgs or 15.60 ft MSL			
	Active	Borehole Diameter (in):	10		Total Depth of Well:		45 ft bgs or 15.60 ft MSL		
Location/Aquifer Zone:	Casing Diameter (in):	4		Top of Screen:		20 ft bgs or 40.60 ft MSL			
	SVE / Shallow	Screen Length (ft):	25		Bottom of Screen:		45 ft bgs or 15.60 ft MSL		
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft		Observations & Comments				
4/15/2019	33.40	27.20	--		---				
5/13/2019	33.38	27.22	0.02		---				
6/10/2019	37.35	23.25	-3.97		---				
8/19/2019	35.32	25.28	2.03		---				
12/12/2019	34.13	26.47	1.19		---				
3/23/2020	32.83	27.77	1.30		permanganate present				
6/22/2020	31.79	28.81	1.04		permanganate present				
9/21/2020	31.32	29.28	0.47		permanganate present				
12/21/2020	32.39	28.21	-1.07		permanganate present				
3/15/2021	32.72	27.88	-0.33		permanganate present				

Table 1
Summary of Groundwater Elevations
Northern Sorrento Valley Property
General Atomics, San Diego, California

SVE-8		Previous Designation:		None	Top of Casing Elevation (ft MSL):		60.68
Current Status:	Completed:	2/6/2019			Total Depth of Borehole:	45 ft bgs or 15.68 ft MSL	
	Borehole Diameter (in):	10			Total Depth of Well:	45 ft bgs or 15.68 ft MSL	
Location/Aquifer Zone:	Casing Diameter (in):	4			Top of Screen:	20 ft bgs or 40.68 ft MSL	
	SVE / Shallow	Screen Length (ft):	25			Bottom of Screen:	45 ft bgs or 15.68 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments			
4/15/2019	33.56	27.12	--	---			
5/13/2019	33.76	26.92	-0.20	---			
6/10/2019	28.46	32.22	5.30	---			
12/12/2019	34.02	26.66	-5.56	---			
3/23/2020	32.82	27.86	1.20	permanganate present			
6/22/2020	31.82	28.86	1.00	permanganate present			
9/21/2020	31.32	29.36	0.50	permanganate present			
12/21/2020	32.65	28.03	-1.33	permanganate present			
3/15/2021	32.91	27.77	-0.26	permanganate present			

SVE-9		Previous Designation:		None	Top of Casing Elevation (ft MSL):		60.99
Current Status:	Completed:	2/7/2019			Total Depth of Borehole:	45.5 ft bgs or 15.49 ft MSL	
	Borehole Diameter (in):	10			Total Depth of Well:	45 ft bgs or 15.99 ft MSL	
Location/Aquifer Zone:	Casing Diameter (in):	4			Top of Screen:	20 ft bgs or 40.99 ft MSL	
	SVE / Shallow	Screen Length (ft):	25			Bottom of Screen:	45 ft bgs or 15.99 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments			
4/15/2019	34.91	26.08	--	---			
5/13/2019	33.91	27.08	1.00	---			
6/10/2019	28.59	32.40	5.32	---			
12/12/2019	34.32	26.67	-5.73	---			
3/23/2020	33.19	27.80	1.13	permanganate present			
6/22/2020	32.28	28.71	0.91	permanganate present			
9/21/2020	28.91	32.08	3.37	permanganate present			
12/21/2020	33.01	27.98	-4.10	---			
3/15/2021	33.13	27.86	-0.12	permanganate present			

SVE-10		Previous Designation:		None	Top of Casing Elevation (ft MSL):		61.06
Current Status:	Completed:	2/7/2019			Total Depth of Borehole:	45.5 ft bgs or 15.56 ft MSL	
	Borehole Diameter (in):	10			Total Depth of Well:	45 ft bgs or 16.06 ft MSL	
Location/Aquifer Zone:	Casing Diameter (in):	4			Top of Screen:	20 ft bgs or 41.06 ft MSL	
	SVE / Shallow	Screen Length (ft):	25			Bottom of Screen:	45 ft bgs or 16.06 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments			
4/15/2019	33.82	27.24	--	---			
5/13/2019	33.82	27.24	0.00	---			
6/10/2019	28.51	32.55	5.31	---			
12/18/2019	34.20	26.86	-5.69	---			
3/23/2020	33.28	27.78	0.92	permanganate present			
6/22/2020	32.18	28.88	1.10	permanganate present			
9/21/2020	28.40	32.66	3.78	permanganate present			
12/21/2020	32.78	28.28	-4.38	permanganate present			
3/15/2021	32.94	28.12	-0.16	permanganate present			

SVE-11		Previous Designation:		None	Top of Casing Elevation (ft MSL):		61.01
Current Status:	Completed:	2/11/2019			Total Depth of Borehole:	45 ft bgs or 16.01 ft MSL	
	Borehole Diameter (in):	10			Total Depth of Well:	45 ft bgs or 16.01 ft MSL	
Location/Aquifer Zone:	Casing Diameter (in):	4			Top of Screen:	20 ft bgs or 41.01 ft MSL	
	SVE / Shallow	Screen Length (ft):	25			Bottom of Screen:	45 ft bgs or 16.01 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments			
4/15/2019	33.77	27.24	--	---			
5/13/2019	33.92	27.09	-0.15	---			
6/10/2019	28.64	32.37	5.28	---			
12/13/2019	34.23	26.78	-5.59	---			
3/23/2020	33.01	28.00	1.22	permanganate present			
6/22/2020	31.82	29.19	1.19	permanganate present			
9/21/2020	27.93	33.08	3.89	permanganate present			
12/21/2020	32.89	28.12	-4.96	permanganate present			
3/15/2021	33.09	27.92	-0.20	permanganate present			

Table 1
Summary of Groundwater Elevations
Northern Sorrento Valley Property
General Atomics, San Diego, California

SVE-12		Previous Designation:		None		Top of Casing Elevation (ft MSL):		60.73	
Current Status:	Completed:			2/12/2019		Total Depth of Borehole:		45 ft bgs or 15.73 ft MSL	
Active	Borehole Diameter (in):			10		Total Depth of Well:		45 ft bgs or 15.73 ft MSL	
Location/Aquifer Zone:	Casing Diameter (in):			4		Top of Screen:		20 ft bgs or 40.73 ft MSL	
SVE / Shallow	Screen Length (ft):			25		Bottom of Screen:		45 ft bgs or 15.73 ft MSL	
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft		Observations & Comments				
4/15/2019	33.33	27.40	--		---				
5/13/2019	32.04	28.69	1.29		---				
6/11/2019	33.40	27.33	-1.36		---				
7/23/2019	29.34	31.39	4.06		---				
12/13/2019	33.94	26.79	-4.60		---				
3/23/2020	32.58	28.15	1.36		permanganate present				
6/22/2020	31.30	29.43	1.28		permanganate present				
9/21/2020	26.79	33.94	4.51		permanganate present				
12/21/2020	32.31	28.42	-5.52		permanganate present				
3/15/2021	32.62	28.11	-0.31		permanganate present				

SVE-13		Previous Designation:		None		Top of Casing Elevation (ft MSL):		60.42	
Current Status:	Completed:			2/12/2019		Total Depth of Borehole:		45 ft bgs or 15.42 ft MSL	
Active	Borehole Diameter (in):			10		Total Depth of Well:		45 ft bgs or 15.42 ft MSL	
Location/Aquifer Zone:	Casing Diameter (in):			4		Top of Screen:		20 ft bgs or 40.42 ft MSL	
SVE / Shallow	Screen Length (ft):			25		Bottom of Screen:		45 ft bgs or 15.42 ft MSL	
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft		Observations & Comments				
4/15/2019	33.27	27.15	--		---				
5/13/2019	33.21	27.21	0.06		---				
6/10/2019	28.18	32.24	5.03		---				
8/19/2019	30.03	30.39	-1.85		---				
9/16/2019	33.91	26.51	-3.88		---				
10/21/2019	34.09	26.33	-0.18		---				
11/18/2019	34.23	26.19	-0.14		---				
12/13/2019	33.77	26.65	0.46		---				
1/21/2020	33.21	27.21	0.56		permanganate present				
2/24/2020	32.92	27.50	0.29		permanganate present				
3/23/2020	32.66	27.76	0.26		permanganate present				
6/22/2020	31.58	28.84	1.08		permanganate present				
9/21/2020	27.98	32.44	3.60		permanganate present				
12/21/2020	32.31	28.11	-4.33		permanganate present				
3/15/2021	32.47	27.95	-0.16		permanganate present				

SVE-14		Previous Designation:		None		Top of Casing Elevation (ft MSL):		60.14	
Current Status:	Completed:			2/12/2019		Total Depth of Borehole:		45 ft bgs or 15.24 ft MSL	
Active	Borehole Diameter (in):			10		Total Depth of Well:		45 ft bgs or 15.24 ft MSL	
Location/Aquifer Zone:	Casing Diameter (in):			4		Top of Screen:		20 ft bgs or 40.14 ft MSL	
SVE / Shallow	Screen Length (ft):			25		Bottom of Screen:		45 ft bgs or 15.24 ft MSL	
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft		Observations & Comments				
4/15/2019	32.69	27.45	--		---				
5/13/2019	33.00	27.14	-0.31		---				
6/10/2019	28.40	31.74	4.60		---				
8/19/2019	30.02	30.12	-1.62		---				
9/16/2019	33.51	26.63	-3.49		---				
10/21/2019	33.82	26.32	-0.31		---				
11/18/2019	33.82	26.32	0.00		---				
12/13/2019	33.47	26.67	0.35		---				
1/21/2020	32.80	27.34	0.67		permanganate present				
2/24/2020	32.58	27.56	0.22		permanganate present				
3/23/2020	32.31	27.83	0.27		permanganate present				
6/22/2020	31.21	28.93	1.10		permanganate present				
9/21/2020	28.23	31.91	2.98		permanganate present				
12/21/2020	31.93	28.21	-3.70		permanganate present				
3/15/2021	32.14	28.00	-0.21		permanganate present				

Table 1
Summary of Groundwater Elevations
Northern Sorrento Valley Property
General Atomics, San Diego, California

SVE-15		Previous Designation:		None		Top of Casing Elevation (ft MSL):		60.23	
Current Status:	Completed:			2/13/2019		Total Depth of Borehole:	45 ft bgs or 15.23 ft MSL		
Active	Borehole Diameter (in):			10		Total Depth of Well:	45 ft bgs or 15.23 ft MSL		
Location/Aquifer Zone:	Casing Diameter (in):			4		Top of Screen:	20 ft bgs or 40.23 ft MSL		
SVE / Shallow	Screen Length (ft):			25		Bottom of Screen:	45 ft bgs or 15.23 ft MSL		
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft		Observations & Comments				
4/15/2019	32.72	27.51	--		---				
5/13/2019	33.06	27.17	-0.34		---				
6/10/2019	28.04	32.19	5.02		---				
7/22/2019	29.00	31.23	-0.96		---				
8/19/2019	29.54	30.69	-0.54		---				
9/16/2019	33.75	26.48	-4.21		---				
10/21/2019	34.03	26.20	-0.28		---				
11/18/2019	34.09	26.14	-0.06		---				
12/12/2019	33.79	26.44	0.30		---				
1/21/2020	33.03	27.20	0.76		---				
2/24/2020	32.79	27.44	0.24		permanganate present				
3/23/2020	32.61	27.62	0.18		permanganate present				
6/22/2020	31.50	28.73	1.11		permanganate present				
9/21/2020	28.43	31.80	3.07		permanganate present				
12/21/2020	32.17	28.06	-3.74		permanganate present				
3/15/2021	32.44	27.79	-0.27		permanganate present				

SVE-16		Previous Designation:		None		Top of Casing Elevation (ft MSL):		59.34	
Current Status:	Completed:			2/13/2019		Total Depth of Borehole:	45 ft bgs or 14.34 ft MSL		
Active	Borehole Diameter (in):			10		Total Depth of Well:	45 ft bgs or 14.34 ft MSL		
Location/Aquifer Zone:	Casing Diameter (in):			4		Top of Screen:	20 ft bgs or 39.34 ft MSL		
SVE / Shallow	Screen Length (ft):			25		Bottom of Screen:	45 ft bgs or 14.34 ft MSL		
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft		Observations & Comments				
4/15/2019	31.08	28.26	--		---				
5/13/2019	32.27	27.07	-1.19		---				
6/10/2019	31.46	27.88	0.81		---				
8/19/2019	30.06	29.28	1.40		---				
9/16/2019	32.62	26.72	-2.56		---				
10/21/2019	33.23	26.11	-0.61		---				
11/18/2019	33.25	26.09	-0.02		---				
12/12/2019	33.00	26.34	0.25		---				
1/21/2020	32.03	27.31	0.97		---				
2/24/2020	31.96	27.38	0.07		permanganate present				
3/23/2020	31.89	27.45	0.07		permanganate present				
6/22/2020	31.52	27.82	0.37		permanganate present				
9/21/2020	28.02	31.32	3.50		permanganate present				
12/21/2020	31.51	27.83	-3.49		permanganate present				
3/15/2021	31.72	27.62	-0.21		permanganate present				

TW-3		Previous Designation:		None		Top of Casing Elevation (ft MSL):		61.11	
Current Status:	Completed:			9/12/2009		Total Depth of Borehole:	51.5 ft bgs or 9.61 ft MSL		
Active	Borehole Diameter (in):			10		Total Depth of Well:	51.5 ft bgs or 9.61 ft MSL		
Location/Aquifer Zone:	Casing Diameter (in):			4		Top of Screen:	21.0 ft bgs or 40.11 ft MSL		
SVE / Shallow	Screen Length (ft):			20		Bottom of Screen:	51.0 ft bgs or 10.11 ft MSL		
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft		Observations & Comments				
4/15/2019	33.93	27.18	--		---				
5/13/2019	34.17	26.94	-0.24		---				
6/10/2019	33.92	27.19	0.25		---				
7/22/2019	34.11	27.00	-0.19		---				
8/19/2019	34.40	26.71	-0.29		---				
9/16/2019	34.58	26.53	-0.18		---				
10/21/2019	34.82	26.29	-0.24		---				
11/18/2019	34.84	26.27	-0.02		---				
12/12/2019	34.44	26.67	0.40		---				
1/21/2020	33.81	27.30	0.63		---				
2/24/2020	33.51	27.60	0.30		---				
3/23/2020	33.41	27.70	0.10		permanganate present				
6/22/2020	32.23	28.88	1.18		permanganate present				
9/21/2020	31.70	29.41	0.53		permanganate present				
12/21/2020	32.98	28.13	-1.28		permanganate present				
3/15/2021	33.05	28.06	-0.07		permanganate present				

Table 1
Summary of Groundwater Elevations
Northern Sorrento Valley Property
General Atomics, San Diego, California

IW-1		Previous Designation:		Top of Casing Elevation (ft MSL):		60.31		
Current Status: Active	Completed:		12/5/2019		Total Depth of Borehole:		45.8 ft bgs or 14.51 ft MSL	
	Borehole Diameter (in):		6		Total Depth of Well:		45 ft bgs or 15.31 ft MSL	
Location/Aquifer Zone:	Casing Diameter (in):		2		Top of Screen:		20 ft bgs or 40.31 ft MSL	
	Screen Length (ft):		25		Bottom of Screen:		45 ft bgs or 15.31 ft MSL	
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments				
12/13/2019	33.71	26.60	--	---				
IW-2		Previous Designation:		Top of Casing Elevation (ft MSL):		60.16		
Current Status: Active	Completed:		12/4/2019		Total Depth of Borehole:		45.5 ft bgs or 14.66 ft MSL	
	Borehole Diameter (in):		6		Total Depth of Well:		45 ft bgs or 15.16 ft MSL	
Location/Aquifer Zone:	Casing Diameter (in):		2		Top of Screen:		20 ft bgs or 40.16 ft MSL	
	Screen Length (ft):		25		Bottom of Screen:		45 ft bgs or 15.16 ft MSL	
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments				
12/13/2019	34.73	25.43	--	---				
IW-3		Previous Designation:		Top of Casing Elevation (ft MSL):		59.58		
Current Status:	Completed:		12/4/2019		Total Depth of Borehole:		45.8 ft bgs or 13.78 ft MSL	
	Borehole Diameter (in):		6		Total Depth of Well:		45 ft bgs or 14.58 ft MSL	
Location/Aquifer Zone:	Casing Diameter (in):		2		Top of Screen:		20 ft bgs or 39.58 ft MSL	
	Screen Length (ft):		25		Bottom of Screen:		45 ft bgs or 14.58 ft MSL	
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments				
12/13/2019	33.22	26.36	--	---				
IW-4		Previous Designation:		Top of Casing Elevation (ft MSL):		59.58		
Current Status:	Completed:		12/3/2019		Total Depth of Borehole:		45.8 ft bgs or 13.78 ft MSL	
	Borehole Diameter (in):		6		Total Depth of Well:		45 ft bgs or 14.58 ft MSL	
Location/Aquifer Zone:	Casing Diameter (in):		2		Top of Screen:		20 ft bgs or 39.58 ft MSL	
	Screen Length (ft):		25		Bottom of Screen:		45 ft bgs or 14.58 ft MSL	
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments				
12/13/2019	32.90	26.68	--	---				
IW-5		Previous Designation:		Top of Casing Elevation (ft MSL):		59.40		
Current Status:	Completed:		12/3/2019		Total Depth of Borehole:		45.7 ft bgs or 13.70 ft MSL	
	Borehole Diameter (in):		6		Total Depth of Well:		45 ft bgs or 14.40 ft MSL	
Location/Aquifer Zone:	Casing Diameter (in):		2		Top of Screen:		20 ft bgs or 39.40 ft MSL	
	Screen Length (ft):		25		Bottom of Screen:		45 ft bgs or 14.40 ft MSL	
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments				
12/13/2019	33.04	26.36	--	---				
IW-6		Previous Designation:		Top of Casing Elevation (ft MSL):		59.40		
Current Status:	Completed:		12/2/2019		Total Depth of Borehole:		45.6 ft bgs or 13.8 ft MSL	
	Borehole Diameter (in):		6		Total Depth of Well:		45 ft bgs or 14.40 ft MSL	
Location/Aquifer Zone:	Casing Diameter (in):		2		Top of Screen:		20 ft bgs or 39.40 ft MSL	
	Screen Length (ft):		25		Bottom of Screen:		45 ft bgs or 14.40 ft MSL	
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments				
12/13/2019	33.28	26.12	--	---				
IW-7		Previous Designation:		Top of Casing Elevation (ft MSL):		58.95		
Current Status:	Completed:		12/5/2019		Total Depth of Borehole:		46 ft bgs or 12.95 ft MSL	
	Borehole Diameter (in):		6		Total Depth of Well:		45 ft bgs or 13.95 ft MSL	
Location/Aquifer Zone:	Casing Diameter (in):		2		Top of Screen:		20 ft bgs or 38.95 ft MSL	
	Screen Length (ft):		25		Bottom of Screen:		45 ft bgs or 13.95 ft MSL	
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments				
12/13/2019	32.52	26.43	--	---				

Table 1
Summary of Groundwater Elevations
Northern Sorrento Valley Property
General Atomics, San Diego, California

IW-8		Previous Designation:		Top of Casing Elevation (ft MSL):	59.03
Current Status:	Completed:	11/27/2019		Total Depth of Borehole:	46 ft bgs or 13.03 ft MSL
	Borehole Diameter (in):	6		Total Depth of Well:	45 ft bgs or 14.03 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	20 ft bgs or 39.03 ft MSL
	Screen Length (ft):	25		Bottom of Screen:	45 ft bgs or 14.03 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/13/2019	32.42	26.61	--	---	
IW-9		Previous Designation:		Top of Casing Elevation (ft MSL):	58.75
Current Status:	Completed:	11/26/2019		Total Depth of Borehole:	46 ft bgs or 12.75 ft MSL
	Borehole Diameter (in):	6		Total Depth of Well:	45 ft bgs or 13.75 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	20 ft bgs or 38.75 ft MSL
	Screen Length (ft):	25		Bottom of Screen:	45 ft bgs or 13.75 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/13/2019	32.03	26.72	--	---	
IW-10		Previous Designation:		Top of Casing Elevation (ft MSL):	59.16
Current Status:	Completed:	11/26/2019		Total Depth of Borehole:	46 ft bgs or 13.16 ft MSL
	Borehole Diameter (in):	6		Total Depth of Well:	45 ft bgs or 14.16 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	20 ft bgs or 39.16 ft MSL
	Screen Length (ft):	25		Bottom of Screen:	45 ft bgs or 14.16 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/13/2019	32.59	26.57	--	---	
IW-11		Previous Designation:		Top of Casing Elevation (ft MSL):	60.04
Current Status:	Completed:	11/26/2019		Total Depth of Borehole:	46 ft bgs or 14.04 ft MSL
	Borehole Diameter (in):	6		Total Depth of Well:	45 ft bgs or 15.04 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	20 ft bgs or 40.04 ft MSL
	Screen Length (ft):	25		Bottom of Screen:	45 ft bgs or 15.04 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/13/2019	33.33	26.71	--	---	
IW-12		Previous Designation:		Top of Casing Elevation (ft MSL):	42.88
Current Status:	Completed:	2/25/2020		Total Depth of Borehole:	27.5 ft bgs or 15.38 ft MSL
	Borehole Diameter (in):	8		Total Depth of Well:	26.5 ft bgs or 16.38 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	11.5 ft bgs or 31.38 ft MSL
	Screen Length (ft):	15		Bottom of Screen:	26.5 ft bgs or 16.38 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
2/25/2020	16.00	26.88	--	This measurement made at time of well construction.	
IW-13		Previous Designation:		Top of Casing Elevation (ft MSL):	42.66
Current Status:	Completed:	2/25/2020		Total Depth of Borehole:	27.5 ft bgs or 15.16 ft MSL
	Borehole Diameter (in):	8		Total Depth of Well:	26.5 ft bgs or 16.16 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	11.5 ft bgs or 31.16 ft MSL
	Screen Length (ft):	15		Bottom of Screen:	26.5 ft bgs or 16.16 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
2/25/2020	15.50	27.16	--	This measurement made at time of well construction.	
IW-14		Previous Designation:		Top of Casing Elevation (ft MSL):	42.56
Current Status:	Completed:	2/25/2020		Total Depth of Borehole:	27 ft bgs or 15.56 ft MSL
	Borehole Diameter (in):	8		Total Depth of Well:	26.5 ft bgs or 16.06 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	11.5 ft bgs or 31.06 ft MSL
	Screen Length (ft):	15		Bottom of Screen:	26.5 ft bgs or 16.06 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
2/25/2020	15.45	27.11	--	This measurement made at time of well construction.	

Table 1
Summary of Groundwater Elevations
Northern Sorrento Valley Property
General Atomics, San Diego, California

IW-15		Previous Designation:		Top of Casing Elevation (ft MSL):	41.99
Current Status:	Completed:	2/24/2020		Total Depth of Borehole:	27 ft bgs or 14.99 ft MSL
	Borehole Diameter (in):	8		Total Depth of Well:	26 ft bgs or 15.99 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	11 ft bgs or 30.99 ft MSL
	Screen Length (ft):	15		Bottom of Screen:	26 ft bgs or 15.99 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
2/24/2020	14.90	27.09	--	This measurement made at time of well construction.	
IW-16		Previous Designation:		Top of Casing Elevation (ft MSL):	41.41
Current Status:	Completed:	2/24/2020		Total Depth of Borehole:	27 ft bgs or 14.41 ft MSL
	Borehole Diameter (in):	8		Total Depth of Well:	26 ft bgs or 15.41 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	11 ft bgs or 30.41 ft MSL
	Screen Length (ft):	15		Bottom of Screen:	26 ft bgs or 15.41 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
2/24/2020	14.36	27.05	--	This measurement made at time of well construction.	
IW-17		Previous Designation:		Top of Casing Elevation (ft MSL):	41.35
Current Status:	Completed:	2/21/2020		Total Depth of Borehole:	27 ft bgs or 14.35 ft MSL
	Borehole Diameter (in):	8		Total Depth of Well:	26 ft bgs or 15.35 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	11 ft bgs or 30.35 ft MSL
	Screen Length (ft):	15		Bottom of Screen:	26 ft bgs or 15.35 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
2/21/2020	14.45	26.90	--	This measurement made at time of well construction.	
IW-18		Previous Designation:		Top of Casing Elevation (ft MSL):	41.68
Current Status:	Completed:	3/3/2020		Total Depth of Borehole:	27.5 ft bgs or 14.18 ft MSL
	Borehole Diameter (in):	8		Total Depth of Well:	26 ft bgs or 15.68 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	11 ft bgs or 30.68 ft MSL
	Screen Length (ft):	15		Bottom of Screen:	26 ft bgs or 15.68 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
3/3/2020	14.85	26.90	--	This measurement made at time of well construction.	
IW-19		Previous Designation:		Top of Casing Elevation (ft MSL):	42.19
Current Status:	Completed:	12/3/2019		Total Depth of Borehole:	28 ft bgs or 14.19 ft MSL
	Borehole Diameter (in):	8		Total Depth of Well:	27 ft bgs or 15.19 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	12 ft bgs or 30.19 ft MSL
	Screen Length (ft):	15		Bottom of Screen:	27 ft bgs or 15.19 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/12/2019	16.04	26.15	--	---	
1/21/2020	15.17	27.02	0.87	---	
2/24/2020	15.21	26.98	-0.04	---	
IW-20		Previous Designation:		Top of Casing Elevation (ft MSL):	42.48
Current Status:	Completed:	12/4/2019		Total Depth of Borehole:	28 ft bgs or 14.48 ft MSL
	Borehole Diameter (in):	8		Total Depth of Well:	27 ft bgs or 15.48 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	12 ft bgs or 30.48 ft MSL
	Screen Length (ft):	15		Bottom of Screen:	27 ft bgs or 15.48 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/12/2019	16.10	-16.10	--	---	
1/21/2020	15.33	27.15	43.25	---	
2/24/2020	15.34	27.14	-0.01	---	

Table 1
Summary of Groundwater Elevations
Northern Sorrento Valley Property
General Atomics, San Diego, California

IW-21		Previous Designation:		Top of Casing Elevation (ft MSL):		42.75		
Current Status:	Completed:		12/2/2019		Total Depth of Borehole:		28 ft bgs or 14.75 ft MSL	
	Borehole Diameter (in):		8		Total Depth of Well:		27 ft bgs or 15.75 ft MSL	
Location/Aquifer Zone:	Casing Diameter (in):		2		Top of Screen:		12 ft bgs or 30.75 ft MSL	
	Screen Length (ft):		15		Bottom of Screen:		27 ft bgs or 15.75 ft MSL	
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft		Observations & Comments			
12/12/2019	16.20	26.55	--		---			
1/21/2020	15.32	27.43	0.88		---			
2/24/2020	15.50	27.25	-0.18		---			
IW-22		Previous Designation:		Top of Casing Elevation (ft MSL):		43.05		
Current Status:	Completed:		12/2/2019		Total Depth of Borehole:		28 ft bgs or 15.05 ft MSL	
	Borehole Diameter (in):		8		Total Depth of Well:		27 ft bgs or 16.05 ft MSL	
Location/Aquifer Zone:	Casing Diameter (in):		2		Top of Screen:		12 ft bgs or 31.05 ft MSL	
	Screen Length (ft):		15		Bottom of Screen:		27 ft bgs or 16.05 ft MSL	
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft		Observations & Comments			
12/12/2019	16.61	26.44	--		---			
1/21/2020	15.70	27.35	0.91		---			
2/24/2020	15.84	27.21	-0.14		---			
IW-23		Previous Designation:		Top of Casing Elevation (ft MSL):		43.07		
Current Status:	Completed:		12/2/2019		Total Depth of Borehole:		27 ft bgs or 16.07 ft MSL	
	Borehole Diameter (in):		8		Total Depth of Well:		26 ft bgs or 17.07 ft MSL	
Location/Aquifer Zone:	Casing Diameter (in):		2		Top of Screen:		11 ft bgs or 32.07 ft MSL	
	Screen Length (ft):		15		Bottom of Screen:		26 ft bgs or 17.07 ft MSL	
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft		Observations & Comments			
12/12/2019	16.62	26.45	--		---			
1/21/2020	15.89	27.18	0.73		---			
2/24/2020	15.93	27.14	-0.04		---			
IW-24		Previous Designation:		Top of Casing Elevation (ft MSL):		42.69		
Current Status:	Completed:		2/18/2020		Total Depth of Borehole:		27 ft bgs or 15.69 ft MSL	
	Borehole Diameter (in):		8		Total Depth of Well:		26 ft bgs or 16.69 ft MSL	
Location/Aquifer Zone:	Casing Diameter (in):		2		Top of Screen:		11 ft bgs or 31.69 ft MSL	
	Screen Length (ft):		15		Bottom of Screen:		26 ft bgs or 16.69 ft MSL	
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft		Observations & Comments			
2/18/2020	15.51	27.18	--		This measurement made at time of well construction.			
IW-25		Previous Designation:		Top of Casing Elevation (ft MSL):		42.59		
Current Status:	Completed:		2/18/2020		Total Depth of Borehole:		29 ft bgs or 13.59 ft MSL	
	Borehole Diameter (in):		8		Total Depth of Well:		19 ft bgs or 23.59 ft MSL	
Location/Aquifer Zone:	Casing Diameter (in):		2		Top of Screen:		11 ft bgs or 31.59 ft MSL	
	Screen Length (ft):		8		Bottom of Screen:		19 ft bgs or 23.59 ft MSL	
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft		Observations & Comments			
2/18/2020	15.67	26.92	--		This measurement made at time of well construction.			
IW-26		Previous Designation:		Top of Casing Elevation (ft MSL):		42.42		
Current Status:	Completed:		2/19/2020		Total Depth of Borehole:		27 ft bgs or 15.42 ft MSL	
	Borehole Diameter (in):		8		Total Depth of Well:		26 ft bgs or 16.42 ft MSL	
Location/Aquifer Zone:	Casing Diameter (in):		2		Top of Screen:		11 ft bgs or 31.42 ft MSL	
	Screen Length (ft):		15		Bottom of Screen:		26 ft bgs or 16.42 ft MSL	
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft		Observations & Comments			
2/19/2020	15.50	26.92	--		This measurement made at time of well construction.			

Table 1
Summary of Groundwater Elevations
Northern Sorrento Valley Property
General Atomics, San Diego, California

IW-27		Previous Designation:		Top of Casing Elevation (ft MSL):	42.14
Current Status:	Completed:	2/19/2020		Total Depth of Borehole:	27 ft bgs or 15.14 ft MSL
	Borehole Diameter (in):	8		Total Depth of Well:	26 ft bgs or 16.14 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	11 ft bgs or 31.14 ft MSL
	Screen Length (ft):	15		Bottom of Screen:	26 ft bgs or 16.14 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
2/19/2020	15.25	26.89	--	This measurement made at time of well construction.	
IW-28		Previous Designation:		Top of Casing Elevation (ft MSL):	41.77
Current Status:	Completed:	2/20/2020		Total Depth of Borehole:	26.5 ft bgs or 15.27 ft MSL
	Borehole Diameter (in):	8		Total Depth of Well:	25.5 ft bgs or 16.27 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	10.5 ft bgs or 31.27 ft MSL
	Screen Length (ft):	15		Bottom of Screen:	25.5 ft bgs or 16.27 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
2/20/2020	15.14	26.63	--	This measurement made at time of well construction.	
IW-29		Previous Designation:		Top of Casing Elevation (ft MSL):	41.81
Current Status:	Completed:	2/20/2020		Total Depth of Borehole:	26.5 ft bgs or 15.31 ft MSL
	Borehole Diameter (in):	8		Total Depth of Well:	25.5 ft bgs or 16.31 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	10.5 ft bgs or 31.31 ft MSL
	Screen Length (ft):	15		Bottom of Screen:	25.5 ft bgs or 16.31 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
2/20/2020	14.55	27.26	--	This measurement made at time of well construction.	
IW-30		Previous Designation:		Top of Casing Elevation (ft MSL):	41.98
Current Status:	Completed:	2/20/2020		Total Depth of Borehole:	26.5 ft bgs or 15.48 ft MSL
	Borehole Diameter (in):	8		Total Depth of Well:	25.5 ft bgs or 16.48 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	10.5 ft bgs or 31.48 ft MSL
	Screen Length (ft):	15		Bottom of Screen:	25.5 ft bgs or 16.48 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
2/20/2020	15.00	26.98	--	This measurement made at time of well construction.	
IW-31		Previous Designation:		Top of Casing Elevation (ft MSL):	38.65
Current Status:	Completed:	2/28/2020		Total Depth of Borehole:	23.5 ft bgs or 15.15 ft MSL
	Borehole Diameter (in):	8		Total Depth of Well:	22.5 ft bgs or 16.15 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	7.5 ft bgs or 31.15 ft MSL
	Screen Length (ft):	15		Bottom of Screen:	22.5 ft bgs or 16.18 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
2/28/2020	11.30	27.35	--	This measurement made at time of well construction.	
IW-32		Previous Designation:		Top of Casing Elevation (ft MSL):	38.75
Current Status:	Completed:	2/27/2020		Total Depth of Borehole:	23.5 ft bgs or 15.25 ft MSL
	Borehole Diameter (in):	8		Total Depth of Well:	22.5 ft bgs or 16.25 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	7.5 ft bgs or 31.25 ft MSL
	Screen Length (ft):	15		Bottom of Screen:	22.5 ft bgs or 16.25 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
2/27/2020	11.30	27.45	--	This measurement made at time of well construction.	
IW-33		Previous Designation:		Top of Casing Elevation (ft MSL):	39.01
Current Status:	Completed:	2/27/2020		Total Depth of Borehole:	24.5 ft bgs or 14.51 ft MSL
	Borehole Diameter (in):	8		Total Depth of Well:	23.5 ft bgs or 15.51 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	8.5 ft bgs or 30.51 ft MSL
	Screen Length (ft):	15		Bottom of Screen:	23.5 ft bgs or 15.51 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
2/27/2020	11.70	27.31	--	This measurement made at time of well construction.	

Table 1
Summary of Groundwater Elevations
Northern Sorrento Valley Property
General Atomics, San Diego, California

IW-34		Previous Designation:		Top of Casing Elevation (ft MSL):	39.37
Current Status:	Completed:	2/27/2020		Total Depth of Borehole:	24.5 ft bgs or 14.87 ft MSL
	Borehole Diameter (in):	8		Total Depth of Well:	23.5 ft bgs or 15.87 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	8.5 ft bgs or 30.87 ft MSL
	Screen Length (ft):	15		Bottom of Screen:	23.5 ft bgs or 15.87 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
2/27/2020	12.25	27.12	--	This measurement made at time of well construction.	

IW-35		Previous Designation:		Top of Casing Elevation (ft MSL):	39.10
Current Status:	Completed:	2/26/2020		Total Depth of Borehole:	24.5 ft bgs or 14.60 ft MSL
	Borehole Diameter (in):	8		Total Depth of Well:	23.5 ft bgs or 15.60 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	8.5 ft bgs or 30.60 ft MSL
	Screen Length (ft):	15		Bottom of Screen:	23.5 ft bgs or 15.60 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
2/26/2020	12.05	27.05	--	This measurement made at time of well construction.	

IW-36		Previous Designation:		Top of Casing Elevation (ft MSL):	38.27
Current Status:	Completed:	2/26/2020		Total Depth of Borehole:	23.5 ft bgs or 14.77 ft MSL
	Borehole Diameter (in):	8		Total Depth of Well:	22.5 ft bgs or 15.77 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	7.5 ft bgs or 31.27 ft MSL
	Screen Length (ft):	15		Bottom of Screen:	23.5 ft bgs or 14.77 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
2/26/2020	11.36	26.91	--	This measurement made at time of well construction.	

IW-37		Previous Designation:		Top of Casing Elevation (ft MSL):	38.96
Current Status:	Completed:	12/5/2019		Total Depth of Borehole:	23.5 ft bgs or 15.46 ft MSL
	Borehole Diameter (in):	8		Total Depth of Well:	22.5 ft bgs or 16.46 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	7.5 ft bgs or 31.46 ft MSL
	Screen Length (ft):	15		Bottom of Screen:	22.5 ft bgs or 16.46 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/12/2019	13.14	25.82	--	---	
1/21/2020	12.32	26.64	0.82	---	
2/24/2020	12.20	26.76	0.12	---	

IW-38		Previous Designation:		Top of Casing Elevation (ft MSL):	39.13
Current Status:	Completed:	12/5/2019		Total Depth of Borehole:	24 ft bgs or 15.13 ft MSL
	Borehole Diameter (in):	8		Total Depth of Well:	23 ft bgs or 16.13 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	8 ft bgs or 31.13 ft MSL
	Screen Length (ft):	15		Bottom of Screen:	23 ft bgs or 16.13 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/12/2019	13.15	25.98	--	---	
1/21/2020	12.33	26.80	0.82	---	
2/24/2020	12.32	26.81	0.01	---	

IW-39		Previous Designation:		Top of Casing Elevation (ft MSL):	39.35
Current Status:	Completed:	12/5/2019		Total Depth of Borehole:	25 ft bgs or 14.35 ft MSL
	Borehole Diameter (in):	8		Total Depth of Well:	24 ft bgs or 15.35 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	9 ft bgs or 30.35 ft MSL
	Screen Length (ft):	15		Bottom of Screen:	24 ft bgs or 15.35 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/12/2019	13.19	26.16	--	---	
1/21/2020	12.33	27.02	0.86	---	
2/24/2020	12.24	27.11	0.09	---	

Table 1
Summary of Groundwater Elevations
Northern Sorrento Valley Property
General Atomics, San Diego, California

IW-40		Previous Designation:		Top of Casing Elevation (ft MSL):	39.53
Current Status:	Completed:	12/4/2019		Total Depth of Borehole:	25 ft bgs or 14.53 ft MSL
	Borehole Diameter (in):	8		Total Depth of Well:	24 ft bgs or 15.53 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	9 ft bgs or 30.53 ft MSL
	Screen Length (ft):	15		Bottom of Screen:	24 ft bgs or 15.53 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/12/2019	13.19	26.34	--	---	
1/21/2020	13.40	26.13	-0.21	---	
2/24/2020	12.34	27.19	1.06	---	
IW-41		Previous Designation:		Top of Casing Elevation (ft MSL):	39.48
Current Status:	Completed:	3/21/2020		Total Depth of Borehole:	24.5 ft bgs or 14.98 ft MSL
	Borehole Diameter (in):	8		Total Depth of Well:	23.5 ft bgs or 15.98 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	8.5 ft bgs or 30.98 ft MSL
	Screen Length (ft):	15		Bottom of Screen:	23.5 ft bgs or 15.98 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
3/21/2020	12.25	27.23	--	This measurement made at time of well construction.	
IW-42		Previous Designation:		Top of Casing Elevation (ft MSL):	39.55
Current Status:	Completed:	2/28/2020		Total Depth of Borehole:	24.5 ft bgs or 15.05 ft MSL
	Borehole Diameter (in):	8		Total Depth of Well:	23.5 ft bgs or 16.05 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	8.5 ft bgs or 31.05 ft MSL
	Screen Length (ft):	15		Bottom of Screen:	23.5 ft bgs or 16.05 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
2/28/2020	12.25	27.30	--	This measurement made at time of well construction.	
IW-43		Previous Designation:		Top of Casing Elevation (ft MSL):	39.79
Current Status:	Completed:	3/2/2020		Total Depth of Borehole:	24.5 ft bgs or 15.29 ft MSL
	Borehole Diameter (in):	8		Total Depth of Well:	23.5 ft bgs or 16.29 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	8.5 ft bgs or 31.29 ft MSL
	Screen Length (ft):	15		Bottom of Screen:	23.5 ft bgs or 16.29 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
3/2/2020	12.60	27.19	--	This measurement made at time of well construction.	
IW-44		Previous Designation:		Top of Casing Elevation (ft MSL):	39.84
Current Status:	Completed:	3/3/2020		Total Depth of Borehole:	24.5 ft bgs or 15.34 ft MSL
	Borehole Diameter (in):	8		Total Depth of Well:	23.5 ft bgs or 16.34 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	8.5 ft bgs or 31.34 ft MSL
	Screen Length (ft):	15		Bottom of Screen:	23.5 ft bgs or 16.34 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
3/3/2020	12.25	27.59	--	This measurement made at time of well construction.	
IW-45		Previous Designation:		Top of Casing Elevation (ft MSL):	40.39
Current Status:	Completed:	3/3/2020		Total Depth of Borehole:	25.5 ft bgs or 14.89 ft MSL
	Borehole Diameter (in):	8		Total Depth of Well:	25 ft bgs or 15.39 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	10 ft bgs or 30.39 ft MSL
	Screen Length (ft):	15		Bottom of Screen:	25 ft bgs or 15.39 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
3/3/2020	13.45	26.94	--	This measurement made at time of well construction.	
IW-46		Previous Designation:		Top of Casing Elevation (ft MSL):	36.01
Current Status:	Completed:	2/27/2020		Total Depth of Borehole:	23.5 ft bgs or 12.51 ft MSL
	Borehole Diameter (in):	8		Total Depth of Well:	22.5 ft bgs or 13.51 ft MSL
Location/Aquifer Zone:	Casing Diameter (in):	2		Top of Screen:	7.5 ft bgs or 28.51 ft MSL
	Screen Length (ft):	15		Bottom of Screen:	22.5 ft bgs or 13.51 ft MSL
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
2/27/2020	9.00	27.01	--	This measurement made at time of well construction.	

Table 1
Summary of Groundwater Elevations
Northern Sorrento Valley Property
General Atomics, San Diego, California

IW-47		Previous Designation:		Top of Casing Elevation (ft MSL):	35.77
Current Status:	Completed: 2/28/2020		Total Depth of Borehole: 23.5 ft bgs or 12.27 ft MSL		
	Borehole Diameter (in): 8		Total Depth of Well: 22.5 ft bgs or 13.27 ft MSL		
Location/Aquifer Zone:	Casing Diameter (in): 2		Top of Screen: 7.5 ft bgs or 28.27 ft MSL		
	Screen Length (ft): 15		Bottom of Screen: 22.5 ft bgs or 13.27 ft MSL		
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
2/28/2020	9.36	26.41	--	This measurement made at time of well construction.	

IW-48		Previous Designation:		Top of Casing Elevation (ft MSL):	36.21
Current Status:	Completed: 12/6/2019		Total Depth of Borehole: 23.5 ft bgs or 12.71 ft MSL		
	Borehole Diameter (in): 8		Total Depth of Well: 22.5 ft bgs or 13.71 ft MSL		
Location/Aquifer Zone:	Casing Diameter (in): 2		Top of Screen: 7.5 ft bgs or 28.71 ft MSL		
	Screen Length (ft): 15		Bottom of Screen: 22.5 ft bgs or 13.71 ft MSL		
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/12/2019	10.32	25.89	--	---	
1/21/2020	9.63	26.58	0.69	---	
2/24/2020	9.51	26.70	0.12	---	

IW-49		Previous Designation:		Top of Casing Elevation (ft MSL):	36.51
Current Status:	Completed: 12/6/2019		Total Depth of Borehole: 23.5 ft bgs or 13.01 ft MSL		
	Borehole Diameter (in): 8		Total Depth of Well: 22.5 ft bgs or 14.01 ft MSL		
Location/Aquifer Zone:	Casing Diameter (in): 2		Top of Screen: 7.5 ft bgs or 29.01 ft MSL		
	Screen Length (ft): 15		Bottom of Screen: 22.5 ft bgs or 14.01 ft MSL		
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/12/2019	10.91	25.60	--	---	
1/21/2020	10.05	26.46	0.86	---	
2/24/2020	9.97	26.54	0.08	---	

IW-50		Previous Designation:		Top of Casing Elevation (ft MSL):	37.11
Current Status:	Completed: 12/6/2019		Total Depth of Borehole: 23.5 ft bgs or 13.61 ft MSL		
	Borehole Diameter (in): 8		Total Depth of Well: 22.5 ft bgs or 14.61 ft MSL		
Location/Aquifer Zone:	Casing Diameter (in): 2		Top of Screen: 7.5 ft bgs or 29.61 ft MSL		
	Screen Length (ft): 15		Bottom of Screen: 22.5 ft bgs or 14.61 ft MSL		
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
12/12/2019	10.91	26.20	--	---	
1/21/2020	10.53	26.58	0.38	---	
2/24/2020	10.31	26.80	0.22	---	

IW-51		Previous Designation:		Top of Casing Elevation (ft MSL):	37.15
Current Status:	Completed: 2/27/2020		Total Depth of Borehole: 23.5 ft bgs or 13.65 ft MSL		
	Borehole Diameter (in): 8		Total Depth of Well: 22.5 ft bgs or 14.65 ft MSL		
Location/Aquifer Zone:	Casing Diameter (in): 2		Top of Screen: 7.5 ft bgs or 29.65 ft MSL		
	Screen Length (ft): 15		Bottom of Screen: 22.5 ft bgs or 14.65 ft MSL		
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
2/27/2020	10.40	26.75	--	This measurement made at time of well construction.	

IW-52		Previous Designation:		Top of Casing Elevation (ft MSL):	37.30
Current Status:	Completed: 2/28/2020		Total Depth of Borehole: 23.5 ft bgs or 13.80 ft MSL		
	Borehole Diameter (in): 8		Total Depth of Well: 22.5 ft bgs or 14.80 ft MSL		
Location/Aquifer Zone:	Casing Diameter (in): 2		Top of Screen: 7.5 ft bgs or 29.80 ft MSL		
	Screen Length (ft): 15		Bottom of Screen: 22.5 ft bgs or 14.80 ft MSL		
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
2/28/2020	10.90	26.40	--	This measurement made at time of well construction.	

IW-53		Previous Designation:		Top of Casing Elevation (ft MSL):	37.42
Current Status:	Completed: 3/4/2020		Total Depth of Borehole: 23.5 ft bgs or 13.92 ft MSL		
	Borehole Diameter (in): 8		Total Depth of Well: 22.5 ft bgs or 14.92 ft MSL		
Location/Aquifer Zone:	Casing Diameter (in): 2		Top of Screen: 7.5 ft bgs or 29.92 ft MSL		
	Screen Length (ft): 15		Bottom of Screen: 22.5 ft bgs or 14.92 ft MSL		
Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments	
3/4/2020	11.00	26.42	--	This measurement made at time of well construction.	

Table 1
Summary of Groundwater Elevations
Northern Sorrento Valley Property
General Atomics, San Diego, California

IW-54	Previous Designation:			Top of Casing Elevation (ft MSL):	37.52
Current Status:	Completed: 3/4/2020			Total Depth of Borehole:	23.5 ft bgs or 14.02 ft MSL
	Borehole Diameter (in): 8			Total Depth of Well:	22.5 ft bgs or 15.02 ft MSL
Location/Aquifer Zone:	Casing Diameter (in): 2			Top of Screen:	7.5 ft bgs or 30.02 ft MSL
	Screen Length (ft): 15			Bottom of Screen:	22.5 ft bgs or 15.02 ft MSL
	Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments
3/4/2020	10.10	27.42	--	This measurement made at time of well construction.	

IW-55	Previous Designation:			Top of Casing Elevation (ft MSL):	38.27
Current Status:	Completed: 3/4/2020			Total Depth of Borehole:	23.5 ft bgs or 14.77 ft MSL
	Borehole Diameter (in): 8			Total Depth of Well:	22.5 ft bgs or 15.77 ft MSL
Location/Aquifer Zone:	Casing Diameter (in): 2			Top of Screen:	7.5 ft bgs or 30.77 ft MSL
	Screen Length (ft): 15			Bottom of Screen:	22.5 ft bgs or 15.77 ft MSL
	Date	DTW from TOC, ft	GW Elevation, ft MSL	Change from Previous Measurement, ft	Observations & Comments
3/4/2020	11.70	26.57	--	This measurement made at time of well construction.	

Abbreviations:

DTW - Depth to water
ft - feet
GECC - Geocon well
GW - Groundwater
MSL - Mean Sea Level

MW - Monitoring well
TOC - Top of casing
--- - Not applicable
SVE - Soil vapor extraction

Notes:

The estimated error associated with reading the sounder is plus/minus 0.01 feet.
The estimated error associated with calculation of change between measurements is plus/minus 0.02 feet.
* Well re-gauged at the end of the day.
Following the 2009 and 2018 survey of select wells, groundwater elevations for prior monitoring events were recalculated based on the surveyed TOC elevations.
After 1 August 2010, wells were vented at least 72 hours prior to gauging.
Change from Previous Measurement: comparison to the previous quarter's measurement. When replicate measurements are available for the previous quarter, the average of the replicates is used to
On 3 July 2014, shallow monitoring wells were re-gauged to confirm anomalous measurements in the southeastern area wells. For comparison to the original 2Q14 monitoring event in June, the groundwater elevations were compared to 1Q14 elevations to calculate the changes in measurements.

Table 2
Field Monitoring Results
 Northern Sorrento Valley Property
 General Atomics, San Diego, California

Location	Aquifer Zone	Date Sampled	Parameter								
			DO	pH	ORP	Temp.	Specific Conductance	Turb.	TDS	Sal.	NaMnO ₄
			mg/L	pH units	mV	°C	µmhos/cm	NTU	mg/L	PSU	mg/L
GECC-401	Shallow	4/16/19	6.59	7.26	112.1	19.4	2,775	33	1,820	1.46	--
GECC-401	Shallow	5/16/19	--	5.61	689	25.9	27,130	67	25.86	--	139
GECC-401	Shallow	6/10/19	--	--	--	--	--	--	--	--	--
GECC-401	Shallow	7/23/19	--	5.40	690	24.4	26,820	144	--	--	--
GECC-401	Shallow	8/19/19	--	5.70	852	23.0	23,890	758	22.89	--	--
GECC-401	Shallow	9/16/19	--	6.30	661	22.5	2,932	532	--	--	--
GECC-401	Shallow	10/22/19	--	7.50	649	22.5	7,850	345	8,080	--	--
GECC-401	Shallow	11/18/19	--	7.20	631	22.2	13,530	302	11.60	--	--
GECC-401	Shallow	12/19/19	--	6.50	691	22.2	13,470	798	11.69	--	--
GECC-401	Shallow	1/21/20	--	6.00	719	20.3	13,810	27	12.07	--	--
GECC-401	Shallow	2/24/20	--	6.80	669	19.8	12,970	439	11.19	--	--
GECC-401	Shallow	3/24/20	--	7.10	653	20.5	13,130	7	10.34	--	--
GECC-401	Shallow	6/24/20	--	6.49	674	22.0	11,910	911	9,938	--	--
GECC-401	Shallow	9/23/20	--	6.70	625	21.9	10,220	709	8,400	--	--
GECC-401	Shallow	12/23/20	--	7.20	619	19.5	9,136	>1000	7,542	--	--
GECC-401	Shallow	3/16/21	--	6.90	588	18.2	3,932	>1000	2,968	--	--
GECC-901	Shallow	4/16/19	1.02	6.74	211.9	20.3	17,122	1	11,108	10.08	--
GECC-901	Shallow	5/13/19	1.06	6.95	156.0	21.4	18,273	3	11,869	10.83	0.00
GECC-901	Shallow	6/11/19	2.38	6.48	187.6	20.9	21,039	2	13,669	12.64	--
GECC-901	Shallow	7/22/19	2.71	6.73	265.5	21.3	10,286	46	6,805	5.96	--
GECC-901	Shallow	8/20/19	--	6.90	406	27.6	18,300	385	16.38	--	--
GECC-901	Shallow	8/30/19	2.21	6.49	85.3	25.3	17,541	17	--	--	--
GECC-901	Shallow	9/16/19	2.93	7.10	62.5	25.6	14,835	8	--	--	--
GECC-901	Shallow	10/21/19	3.22	7.20	85.8	24.3	24,774	104	6,139	15.12	--
GECC-901	Shallow	11/19/19	2.36	7.09	69.2	22.3	16,735	54	10,881	9.85	--
GECC-901	Shallow	12/16/19	0.59	6.78	291	24.1	17,560	4	11,437	10.36	--
GECC-901	Shallow	1/23/20	1.32	6.90	-100	25.1	18,703	52	12,148	11.08	--
GECC-901	Shallow	2/25/20	4.01	6.93	78.5	23.0	17,359	126	11,284	10.23	--
GECC-901	Shallow	3/23/20	0.24	7.02	73.9	21.7	17,091	28	11,102	10.09	--
GECC-901	Shallow	6/23/20	0.67	6.95	70.6	23.3	17,400	9	11,323	10.26	--
GECC-901	Shallow	9/24/20	0.36	7.04	53.2	25.2	19,065	2	12,395	11.31	--
GECC-901	Shallow	12/29/20	0.49	6.93	222.7	18.1	17,430	4	11,330	10.29	--
GECC-901	Shallow	1/19/21	0.72	7.06	131.6	22.3	16,710	1	10,861	9.82	--
GECC-901	Shallow	2/15/21	0.47	7.06	104	19.9	17,397	14	11,303	10.27	--
GECC-901	Shallow	3/17/21	0.47	7.46	-33.9	18.9	20,520	4	15,110	14.1	--
GECC-902	Shallow	4/15/19	0.48	6.70	41.9	21.0	9,716	2	6,318	5.49	--
GECC-902	Shallow	5/13/19	0.45	6.77	102.9	21.6	9,792	6	6,350	5.51	0.18
GECC-902	Shallow	6/11/19	0.83	6.79	106.3	22.0	11,172	8	7,260	6.36	--
GECC-902	Shallow	7/22/19	2.77	6.99	128.5	21.6	13,020	23	8,476	7.50	--
GECC-902	Shallow	8/20/19	--	7.20	380	26.6	9,361	504	7,692	--	--
GECC-902	Shallow	8/30/19	2.1	6.47	67.2	24.6	9,430	72	--	--	--
GECC-902	Shallow	9/16/19	1.65	6.85	20.9	24.6	8,847	12	--	--	--
GECC-902	Shallow	10/21/19	3.27	6.90	54.2	24.3	15,291	133	9,046	8.67	--

Table 2
Field Monitoring Results
Northern Sorrento Valley Property
General Atomics, San Diego, California

Location	Aquifer Zone	Date Sampled	Parameter								
			DO	pH	ORP	Temp.	Specific Conductance	Turb.	TDS	Sal.	NaMnO ₄
			mg/L	pH units	mV	°C	µmhos/cm	NTU	mg/L	PSU	mg/L
GECC-902	Shallow	11/19/19	1.49	7.40	72.7	21.8	9,273	59	6,025.5	5.21	--
GECC-902	Shallow	12/17/19	0.36	6.81	134	23.0	9,370	3	6,116	5.28	--
GECC-902	Shallow	1/23/20	1.25	6.80	-105	23.7	10,750	47	6,987	6.09	--
GECC-902	Shallow	2/25/20	1.42	6.77	27.1	24.2	9,790	104	6,357	5.50	--
GECC-902	Shallow	3/23/20	0.11	6.83	51.2	23.7	9,411	12	6,116	5.28	--
GECC-902	Shallow	6/23/20	0.42	6.81	42.5	23.6	10,020	3	6,519	5.65	--
GECC-902	Shallow	9/24/20	0.31	6.82	10.9	25.0	10,264	1	4,200	5.79	--
GECC-902	Shallow	12/28/20	0.18	6.76	33.1	22.8	9,320	7	6,058	5.23	--
GECC-902	Shallow	1/19/21	0.51	6.87	64.7	22.3	9,040	4	5,889	5.08	--
GECC-902	Shallow	2/16/21	0.33	6.89	55.8	21.9	9,303	17	6,045	5.22	--
GECC-902	Shallow	3/18/21	0.26	6.93	75.6	21.4	9,140	5	5,935	5.12	--
GECC-905	Shallow	4/15/19	0.58	6.76	87.0	20.3	9,282	9	6,032	5.22	--
GECC-905	Shallow	5/14/19	1.12	6.84	249.8	20.1	9,424	3	6,136	5.31	0.73
GECC-905	Shallow	6/11/19	0.54	6.72	118.6	23.1	9,851	4	6,401	5.55	--
GECC-905	Shallow	7/22/19	2.56	6.94	155.2	20.8	12,758	23	8,288	7.35	--
GECC-905	Shallow	8/20/19	--	6.90	398	24.4	9,619	82	79.04	--	--
GECC-905	Shallow	8/30/19	1.31	6.29	83.1	23.6	9,456	34	--	--	--
GECC-905	Shallow	9/16/19	1.30	6.70	100.7	23.8	7,220	16	--	--	--
GECC-905	Shallow	10/21/19	2.69	7.00	57.4	21.2	13,637	94	8,866	7.89	--
GECC-905	Shallow	11/19/19	5.36	2.05	103.2	20.0	9,022	309	5,850	5.05	--
GECC-905	Shallow	12/17/19	0.40	6.75	173	22.5	9,550	0	6,211	5.37	--
GECC-905	Shallow	1/22/20	3.72	6.80	3.72	21.1	8,910	16	5,824	5.02	--
GECC-905	Shallow	2/25/20	3.37	6.84	40.6	22.3	9,717	143	6,318	5.47	--
GECC-905	Shallow	3/23/20	0.26	7.06	73.3	21.9	9,715	10	6,311	5.47	--
GECC-905	Shallow	6/24/20	0.45	6.70	60.4	22.4	9,680	2	6,292	5.45	--
GECC-905	Shallow	9/23/20	0.37	6.77	38.9	23.7	10,661	2	6,935	6.04	--
GECC-905	Shallow	12/28/20	0.39	6.70	135.9	19.5	9,600	4	6,240	5.41	--
GECC-905	Shallow	1/19/21	0.65	6.81	38.3	21.7	9,320	2	6,058	5.23	--
GECC-905	Shallow	2/16/21	0.41	6.77	102.9	21.3	9,527	14	6,227	5.40	--
GECC-905	Shallow	3/18/21	0.46	7.27	-34.0	18.5	11,140	3	8,254	7.32	--
MW-01	Deep	6/12/19	1.59	6.66	89.9	20.0	7,789	3	5,063	4.32	--
MW-01	Deep	8/19/19	--	5.80	821	25.6	9,483	503	7,785	--	--
MW-01	Deep	9/16/19	--	6.30	722	25.2	9,067	415	--	--	--
MW-01	Deep	10/21/19	--	6.70	705	24.6	9,492	446	7,726	--	--
MW-01	Deep	11/18/19	--	6.70	676	25.5	9,996	452	8,172	--	--
MW-01	Deep	12/20/19	--	6.10	688	19.1	8,550	116	7,049	--	--
MW-01	Deep	1/21/20	--	5.40	745	20.4	8,606	24	7,025	--	--
MW-01	Deep	2/24/20	--	6.20	632	21.6	9,425	17	7,767	--	--
MW-01	Deep	3/23/20	--	7.30	672	25.5	9,315	122	6,980	--	--
MW-01	Deep	6/24/20	--	6.68	658	22.8	7,430	41	5,859	--	--
MW-01	Deep	9/23/20	--	7.10	602	28.9	8,205	48	6,492	--	--
MW-01	Deep	2/23/20	--	7.10	551	20.3	8,645	61	7,092	--	--
MW-01	Deep	3/16/21	--	11.3	610	19.7	8,886	28	7,222	--	--

Table 2
Field Monitoring Results
Northern Sorrento Valley Property
General Atomics, San Diego, California

Location	Aquifer Zone	Date Sampled	Parameter								
			DO	pH	ORP	Temp.	Specific Conductance	Turb.	TDS	Sal.	NaMnO ₄
			mg/L	pH units	mV	°C	µmhos/cm	NTU	mg/L	PSU	mg/L
MW-03	Shallow	4/16/19	1.83	6.75	84.6	20.9	7,567	1	4,914	4.19	--
MW-03*	Shallow	5/16/19	--	5.20	7.10	22.1	26,940	97	26.37	--	142
MW-03	Shallow	6/10/19	--	--	--	--	--	--	--	--	--
MW-03	Shallow	7/22/19	--	6.30	659	27.2	34,100	139	34.02	--	--
MW-03	Shallow	8/19/19	--	5.80	784	23.4	27,120	265	26.55	--	--
MW-03	Shallow	9/16/19	--	4.90	724	26.0	5,708	240	--	--	--
MW-03	Shallow	10/21/19	--	6.60	674	22.6	12,010	81	10.09	--	--
MW-03	Shallow	11/18/19	--	6.70	703	28.2	38,420	146	38.96	--	--
MW-03	Shallow	12/20/19	--	5.30	702	16.2	21,110	47	26.80	--	--
MW-03	Shallow	1/21/20	--	5.60	757	20.8	27,110	29	26.46	--	--
MW-03	Shallow	2/25/20	--	5.90	715	23.1	26,480	23	25.42	--	--
MW-03	Shallow	3/23/20	--	7.50	686	25.4	27,440	56	24.33	--	--
MW-03	Shallow	6/24/20	--	6.87	705	23.3	19,660	14	17.80	--	--
MW-03	Shallow	9/25/20	--	7.20	646	24.4	18,130	11	16.19	--	--
MW-03	Shallow	12/23/20	--	6.70	672	21.6	17,850	15	16.13	--	--
MW-03	Shallow	3/16/21	--	4.86	700	17.0	28,530	21	28.97	--	--
MW-04	Deep	12/17/19	2.85	6.29	54.9	18.0	9,268	40	6,019	5.21	--
MW-04	Deep	3/23/20	1.20	6.80	-2.5	21.3	7,713	4	5,011	4.27	--
MW-04	Deep	9/25/20	1.91	6.67	34.8	23.0	8,594	1	5,590	4.80	--
MW-05	Deep	12/18/19	0.51	6.65	14	21.0	8,180	0	5,323	4.56	--
MW-05	Deep	3/23/20	0.66	6.83	13.1	21.5	8,189	5	5,317	4.55	--
MW-05	Deep	9/24/20	0.52	6.66	19.3	25.5	9,251	2	6,008	5.16	--
MW-07	Shallow	4/16/19	2.14	6.15	157.9	18.3	10,082	1	6,504	5.71	--
MW-07*	Shallow	5/16/19	--	5.60	704	22.2	21,980	169	20.81	--	142
MW-07	Shallow	6/10/19	--	--	--	--	--	--	--	--	--
MW-07	Shallow	7/22/19	--	5.40	731	26.4	23,790	217	22.37	--	--
MW-07	Shallow	8/19/19	--	5.90	702	23.9	18,850	273	17.18	--	--
MW-07	Shallow	9/17/19	--	5.60	687	250	8,774	> 1,000	--	--	--
MW-07	Shallow	10/21/19	--	6.00	656	19.4	19,000	106	10.32	--	--
MW-07	Shallow	11/18/19	--	6.40	646	18.0	17,400	326	15.62	--	--
MW-07	Shallow	12/20/19	--	5.50	719	12.2	17,360	46	15.91	--	--
MW-07	Shallow	1/22/20	--	6.10	766	20.3	17,230	10	15.48	--	--
MW-07	Shallow	2/25/20	--	7.40	653	23.2	14,870	87	12.97	--	--
MW-07	Shallow	3/23/20	--	7.60	661	25.9	15,920	14	12.42	--	--
MW-07	Shallow	6/24/20	--	6.23	701	22.4	14,450	14	12.45	--	--
MW-07	Shallow	9/23/20	--	5.80	650	24.4	13,600	15	11.53	--	--
MW-07	Shallow	12/21/20	--	6.52	617	22.1	13,150	22	11.13	--	--
MW-07	Shallow	3/17/21	--	11.4	578	20.7	739	132	496.7	--	--
MW-08	Deep	4/15/19	4.01	6.71	1,301	21.6	6,429	1	4,170	3.98	--
MW-08	Deep	5/13/19	4.25	6.74	202.5	19.9	6,558	2	4,264	3.60	0.14

Table 2
Field Monitoring Results
 Northern Sorrento Valley Property
 General Atomics, San Diego, California

Location	Aquifer Zone	Date Sampled	Parameter								
			DO	pH	ORP	Temp.	Specific Conductance	Turb.	TDS	Sal.	NaMnO ₄
			mg/L	pH units	mV	°C	µmhos/cm	NTU	mg/L	PSU	mg/L
MW-08	Deep	6/11/19	5.30	6.80	212.5	20.9	6,810	4	4,439	3.75	--
MW-08	Deep	7/22/19	2.92	6.45	110.8	22.4	4,443	126	8,175	5.34	--
MW-08	Deep	8/19/19	--	5.30	202	22.4	6,643	77	5,289	--	--
MW-08	Deep	9/17/19	3.31	6.98	118.3	24.1	6,069	3	--	--	--
MW-08	Deep	10/21/19	3.07	6.80	183.3	23.1	6,284	77	4,140	3.5	--
MW-08	Deep	11/19/19	3.97	6.73	197.8	20.6	6,140	11	3,991	3.35	--
MW-08	Deep	12/17/19	5.22	6.71	47.9	17.5	8,019	4	5,213	4.47	--
MW-08	Deep	1/22/20	4.73	6.40	196.1	20.9	6,524	0	4,140	3.49	--
MW-08	Deep	2/25/20	--	6.75	220.3	23.8	6,350	4	4,127	3.44	--
MW-08	Deep	3/23/20	4.38	6.96	55.6	21.1	6,471	12	4,205	3.54	--
MW-08	Deep	6/24/20	4.80	6.78	95.4	22.0	6,430	0	4,179	3.52	--
MW-08	Deep	9/25/20	4.82	6.81	59.5	24.9	6,825	2	4,445	3.74	--
MW-08	Deep	12/28/20	0.51	6.69	19.08	19.0	5,840	2	3,804	3.19	--
MW-08	Deep	3/16/21	4.79	7.17	-11.7	16.9	6,570	2	5,036	4.31	--
MW-09	Deep	12/18/19	0.62	6.71	199	20.1	10,640	1	6,916	6.05	--
MW-09	Deep	3/23/20	0.29	6.83	25.6	22.8	10,617	4	6,403	6.02	--
MW-09	Deep	6/23/20	1.02	6.67	20.8	24.8	11,520	0	7,488	6.63	--
MW-09	Deep	9/23/20	0.45	6.69	20.6	24.5	11,766	1	7,650	6.71	--
MW-09	Deep	12/29/20	1.06	6.68	-7.6	21.0	10,390	3	6,760	5.89	--
MW-09	Deep	1/18/21	1.02	6.76	60.6	22.4	10,180	1	6,636	5.77	--
MW-09	Deep	2/15/21	1.95	6.73	-24.8	20.5	10,631	11	6,903	6.03	--
MW-09	Deep	3/17/21	0.55	7.13	-29.0	20.8	13,290	2	9	8.40	--
MW-10	Shallow	6/13/19	0.53	6.70	-74.9	22.4	12,444	1	8,072	7.15	--
MW-10	Shallow	12/17/19	1.56	6.32	50.5	17.6	14,131	4	9,184	8.22	--
MW-10	Shallow	3/23/20	0.63	7.05	21.7	19.4	11,883	8	7,722	6.81	--
MW-10	Shallow	9/25/20	0.79	6.70	37.3	23.1	13,135	1	8,541	7.57	--
MW-10	Shallow	3/17/21	1.05	6.71	154	20.1	11,760	1	7,650	6.74	--
MW-10D	Deep	12/30/19	1.03	6.63	37.6	16.9	8,947	4	5,817	5.03	--
MW-10D	Deep	3/23/20	0.54	7.08	-7.0	19.4	7,878	9	5,115	4.37	--
MW-10D	Deep	9/25/20	0.69	6.65	5.9	22.5	9,647	4	6,272	5.43	--
MW-10D	Deep	3/17/21	0.69	6.68	-29.3	19.9	8,400	3	5,460	4.69	--
MW-11S	Shallow	12/17/19	1.73	6.42	30.9	11.2	10,455	5	6,799	5.99	--
MW-11S	Shallow	3/23/20	0.16	7.12	40.9	20.9	8,883	8	5,778	4.98	--
MW-11S	Shallow	9/22/20	0.46	6.81	14.3	26.0	9,760	2	6,338	5.47	--
MW-11D	Deep	12/17/19	2.02	6.35	-8.29	15.2	24,207	9	12,499	11.46	--
MW-11D	Deep	3/23/20	0.43	6.92	-63	20.7	16,144	9	10,491	9.48	--
MW-11D	Deep	9/22/20	0.47	6.54	-51.8	26.0	17,760	2	11,544	10.47	--
MW-12	Shallow	6/12/19	0.39	6.79	116.7	22.8	5,528	1	3,581	2.98	--
MW-12	Shallow	12/16/19	0.90	6.75	66.4	19.6	8,756	5	5,674	4.89	--

Table 2
Field Monitoring Results
 Northern Sorrento Valley Property
 General Atomics, San Diego, California

Location	Aquifer Zone	Date Sampled	Parameter								
			DO	pH	ORP	Temp.	Specific Conductance	Turb.	TDS	Sal.	NaMnO ₄
			mg/L	pH units	mV	°C	µmhos/cm	NTU	mg/L	PSU	mg/L
MW-12	Shallow	3/23/20	0.33	6.77	70.6	18.9	6,259	7	3,420	3.40	--
MW-12	Shallow	9/23/20	0.46	6.75	43.7	26.4	6,035	10	3,906	3.25	--
MW-13	Deep	6/12/19	0.34	6.66	81.6	23.4	19,725	2	12,811	11.74	--
MW-13	Deep	12/16/19	3.15	6.54	157.8	15.3	22,461	13	14,456	13.44	--
MW-13	Deep	3/23/20	0.50	6.46	67.4	21.4	19,055	6	12,389	11.34	--
MW-13	Deep	9/21/20	0.49	6.58	70.0	23.6	20,724	2	13,438	12.40	--
MW-14	Deep	12/16/19	0.95	6.81	-118.9	22.1	8,430	1	5,476	4.70	--
MW-14	Deep	3/23/20	0.48	6.94	-44.0	21.4	8,563	8	5,570	4.79	--
MW-14	Deep	9/22/20	0.69	6.96	-78.3	24.0	9,075	3	5,902	5.08	--
MW-15	Shallow	12/16/19	0.74	6.72	30.2	19.7	10,644	4	6,935	6.06	--
MW-15	Shallow	3/23/20	0.66	7.13	42.1	20.1	8,827	8	5,739	4.94	--
MW-15	Shallow	9/22/20	0.40	6.97	6.0	26.4	9,865	1	6,409	5.54	--
MW-16S	Shallow	12/16/19	0.81	6.60	43.8	18.8	11,613	9	7,546	6.64	--
MW-16S	Shallow	3/23/20	0.16	7.17	46.1	19.4	9,222	9	5,943	5.18	--
MW-16S	Shallow	9/22/20	0.59	6.83	10.8	25.3	11,409	2	7,410	6.83	--
MW-16I	Intermediate	12/16/19	0.84	6.57	45.0	18.1	17,503	5	11,325	10.36	--
MW-16I	Intermediate	12/22/20	0.53	6.99	18.1	20.3	11,850	2	7,709	6.79	--
MW-17	Shallow	6/13/19	1.46	6.69	106.6	20.8	10,238	2	6,649	5.79	--
MW-17	Shallow	8/20/19	--	5.80	554	24.4	9,603	73	7,867	--	--
MW-17	Shallow	8/30/19	2.01	5.63	192.7	24.5	8,291	1	--	--	--
MW-17	Shallow	9/17/19	59.3	7.00	59.3	23.8	9,316	6	--	--	--
MW-17	Shallow	10/21/19	2.65	6.90	178.7	21.0	9,335	68	6,155	5.31	--
MW-17	Shallow	11/19/19	2.07	6.71	101.0	20.2	8,666	9	5,648.5	480	--
MW-17	Shallow	12/18/19	0.56	6.81	202.0	21.4	9,340	1	6,071	5.25	--
MW-17	Shallow	1/22/20	2.23	6.70	51.6	22.2	9,377	5	6,097	5.27	--
MW-17	Shallow	2/25/20	4.91	6.91	64.8	22.9	9,401	6	6,110	5.28	--
MW-17	Shallow	3/23/20	0.31	6.88	80.2	22.8	9,338	6	6,071	5.27	--
MW-17	Shallow	6/24/20	0.70	6.78	106.1	21.9	9,110	0	5,928	5.11	--
MW-17	Shallow	9/23/20	0.49	6.84	31.6	24.1	9,978	1	6,480	5.62	--
MW-17	Shallow	12/29/20	0.38	6.80	54.1	20.6	8,770	2	5,700.0	4.91	--
MW-17	Shallow	1/18/21	1.26	6.92	110.5	21.5	8,370	1	5,434	4.66	--
MW-17	Shallow	2/15/21	0.87	6.79	23.8	20.2	9,160	10	5,947	5.14	--
MW-17	Shallow	3/17/21	0.58	7.24	-23.8	20.8	11,170	3	8	6.96	--
MW-18S	Shallow	12/16/19	0.59	6.42	32.9	12.4	10,846	6	7,052	6.18	--
MW-18S	Shallow	3/23/20	0.18	6.96	42.3	18.6	8,456	10	5,817	5.02	--
MW-18S	Shallow	9/22/20	0.49	6.64	12.5	24.4	9,902	2	6,441	5.58	--
MW-18D	Deep	12/16/19	2.84	6.54	-20.7	16.3	19,520	14	12,720	11.70	--

Table 2
Field Monitoring Results
Northern Sorrento Valley Property
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Location	Aquifer Zone	Date Sampled	Parameter								
			DO	pH	ORP	Temp.	Specific Conductance	Turb.	TDS	Sal.	NaMnO ₄
			mg/L	pH units	mV	°C	µmhos/cm	NTU	mg/L	PSU	mg/L
MW-18D	Deep	12/22/20	0.67	6.79	-65.4	19.7	14,620	1	9,495	8.52	--
MW-19S	Shallow	6/12/19	0.30	6.75	54.5	22.6	9,253	2	6,019	5.19	--
MW-19S	Shallow	12/30/20	0.73	6.63	192.0	17.0	9,050	4	5,882	5.09	--
MW-19D	Deep	12/30/19	0.45	6.68	-110.5	16.3	9,947	8	6,649	5.8	--
MW-19D	Deep	12/30/20	0.78	6.87	-69.0	16.9	7,300	51	4,810	4.06	--
MW-20S	Shallow	6/11/19	0.50	6.80	-127.3	24.1	9,441	17	6,153	5.32	--
MW-20S	Shallow	12/20/19	1.38	6.21	-46.8	20.6	6,055	23	40	3.30	--
MW-20S	Shallow	12/22/20	0.57	6.88	-59.3	22.1	8,720	7	5,661	4.86	--
MW-21	Shallow	12/16/19	2.01	6.69	139	20.2	8,810	1	5,733	4.94	--
MW-21	Shallow	3/23/20	1.00	6.74	83.8	16.0	8,343	6	15,427	4.66	--
MW-21	Shallow	9/23/20	0.65	6.88	72.7	21.0	9,270	1	6,032	5.21	--
MW-22	Shallow	6/12/19	0.36	6.71	20.0	22.8	9,896	1	6,428	5.58	--
MW-22	Shallow	12/16/19	0.50	6.40	99.9	22.9	9,500	1	6,154	6.34	--
MW-22	Shallow	3/23/20	0.19	6.52	72.0	21.6	9,744	7	6,324	5.49	--
MW-22	Shallow	9/23/20	0.41	6.65	97.8	24.5	10,718	1	6,968	6.07	--
MW-22D	Deep	12/16/19	0.43	6.92	-124	22.9	13,000	1	8,437	7.46	--
MW-22D	Deep	12/22/20	0.71	7.10	-184.6	20.3	10,390	2	6,773	5.91	--
MW-23	Shallow	6/13/19	2.38	6.89	-15.0	22.0	15,761	1	10,250	9.23	--
MW-23	Shallow	12/18/19	0.70	6.89	173	21.3	14,740	0	9,574	8.58	--
MW-23	Shallow	3/23/20	1.87	6.41	8.2	21.7	15,475	3	10,062	9.04	--
MW-23	Shallow	9/24/20	2.25	6.83	39.4	23.8	19,271	1	12,506	11.44	--
MW-23	Shallow	3/17/21	2.06	6.84	145.7	19.7	16,690	1	10,855	9.84	--
MW-30S	Shallow	12/21/19	--	--	--	--	--	--	--	--	--
MW-30S	Shallow	12/30/20	1.93	7.11	-6.8	18.3	3,220	4	2093	1.69	--
MW-32S	Shallow	6/12/19	0.54	6.72	-3.1	21.8	10,680	1	6,942	6.06	--
MW-32S	Shallow	12/17/19	0.49	6.65	30	19.6	9,910	0	6,461	5.62	--
MW-32S	Shallow	12/21/20	0.52	6.80	-120	24.6	9,640	5	6,259	5.40	--
MW-33	Shallow	6/13/19	1.43	6.31	99.7	20.3	23,192	8	15,073	14.05	--
MW-33	Shallow	12/18/19	0.72	6.56	210	20.6	21,700	1	14,098	13.06	--
MW-33	Shallow	3/23/20	1.26	6.60	88.6	21.5	22,809	13	14,820	13.79	--
MW-33	Shallow	6/23/20	0.86	6.46	56.6	24.1	24,160	2	15,723	14.69	--
MW-33	Shallow	9/23/20	0.45	6.50	37.3	24.9	25,457	3	16,549	15.51	--
MW-33	Shallow	12/22/20	0.77	6.51	-9.0	22.4	21,700	2	14,124	13.06	--
MW-33	Shallow	1/18/21	1.52	6.54	100.4	22.5	22,360	2	14,533	13.51	--
MW-33	Shallow	2/15/21	1.16	6.54	154.1	22.6	22,858	15	14,852	13.82	--
MW-33	Shallow	3/17/21	0.93	7.06	-24.3	20.0	27,580	3	20	18.94	--
MW-34	Shallow	4/16/19	2.21	7.07	-109.6	19.6	3,762	163	2,444	1.99	--

Table 2
Field Monitoring Results
 Northern Sorrento Valley Property
 General Atomics, San Diego, California

Location	Aquifer Zone	Date Sampled	Parameter								
			DO	pH	ORP	Temp.	Specific Conductance	Turb.	TDS	Sal.	NaMnO ₄
			mg/L	pH units	mV	°C	µmhos/cm	NTU	mg/L	PSU	mg/L
MW-34	Shallow	5/15/19	5.17	7.37	186.9	18.0	4,008	180	2,606	2.13	0.53
MW-34	Shallow	6/11/19	--	--	--	--	--	--	--	--	--
MW-34	Shallow	7/23/19	4.55	7.05	231.1	22.1	3,109	> 1,000	2,021	1.62	--
MW-34	Shallow	12/18/19	--	5.90	659	18.4	2,682	618	1,904	--	--
MW-34	Shallow	3/23/20	--	6.70	643	19.9	5,105	260	3,378	--	--
MW-34	Shallow	6/23/20	--	7.09	634	20.8	3,837	485	2,837	--	--
MW-34	Shallow	9/24/20	--	7.20	635	24.5	3,716	166	2,728	--	--
MW-34	Shallow	12/22/20	--	6.80	586	20.7	3,576	251	2,681	--	--
MW-34	Shallow	3/17/21	--	11.2	684	17.9	524	126	3,898	--	--
MW-35	Shallow	6/12/19	6.01	5.67	164.1	24.9	22,374	113	14,560	13.47	--
MW-35	Shallow	12/18/19	--	5.80	701	20.0	24,010	4	22.41	--	--
MW-35	Shallow	3/23/20	--	6.30	715	21.4	21,880	175	14.42	--	--
MW-35	Shallow	6/23/20	--	7.19	3.01	21.4	19,820	274	17.92	--	--
MW-35	Shallow	9/24/20	--	6.60	520	21.5	19,590	494	17.85	--	--
MW-35	Shallow	12/22/20	--	6.50	500	20.0	17,410	404	15.67	--	--
MW-35	Shallow	3/17/21	--	6.80	709	18.4	15,880	477	13.51	--	--
MW-36	Shallow	6/12/19	3.30	6.60	65.6	19.2	3,423	12	2,548	2.08	--
MW-36	Shallow	12/19/19	--	5.20	647	15.6	7,874	291	6,455	--	--
MW-36	Shallow	3/23/20	--	6.60	683	20.0	1,315	96	5,582	--	--
MW-36	Shallow	6/24/20	--	6.54	639	21.9	5,574	29	4,295	--	--
MW-36	Shallow	9/23/20	--	6.40	640	21.7	4,469	20	3,383	--	--
MW-36	Shallow	12/23/20	--	6.80	459	21.0	3,966	238	3,009	--	--
MW-36	Shallow	3/17/21	--	11.2	681	19.8	4,436	85	3,250	--	--
P-1	Shallow	12/30/20	0.54	6.82	-92.0	19.0	4,950	5	3,217.5	2.67	--
P-2	Shallow	12/30/20	0.73	6.48	-60.1	17.0	8,290	6	5,388	4.62	--
P-3	Shallow	12/30/20	0.73	6.62	39.4	16.4	7,460	3	4,855	4.14	--
P-111	Shallow	4/15/19	0.68	6.74	735	20.7	8,845	> 1,000	5,746	4.95	--
P-111	Shallow	5/14/19	0.89	6.86	208.3	20.3	9,425	59	6,129	5.31	1.45
P-111	Shallow	6/11/19	0.73	6.64	128.6	22.8	9,455	32	6,149	5.31	--
P-111	Shallow	7/22/19	2.80	6.84	120.0	21.7	12,438	438	8,086	7.14	--
P-111	Shallow	8/20/19	--	6.80	409	24.9	9,289	> 1,000	7,607	--	--
P-111	Shallow	9/17/19	1.10	6.62	138.2	23.7	7,217	249	--	--	--
P-111	Shallow	10/22/19	1.99	7.10	242.3	19.4	9,965	141	6,487	5.05	--
P-111	Shallow	11/19/19	2.05	6.98	93.6	20.1	8,745	> 1,000	5,682.5	4.90	--
P-111	Shallow	12/17/19	0.40	6.71	69	22.2	9,140	58	5,947	5.13	--
P-111	Shallow	1/23/20	1.26	6.70	-28.3	21.6	10,003	>1,000	6,506	5.65	--
P-111	Shallow	2/25/20	3.17	6.85	27.8	22.6	9,384	844	6,103	5.27	--
P-111	Shallow	3/23/20	0.22	6.85	94.5	22.4	9,247	133	6,012	5.14	--
P-111	Shallow	6/24/20	0.41	6.67	50.7	22.6	9,450	123	6,149	5.31	--

Table 2
Field Monitoring Results
 Northern Sorrento Valley Property
 General Atomics, San Diego, California

Location	Aquifer Zone	Date Sampled	Parameter								
			DO	pH	ORP	Temp.	Specific Conductance	Turb.	TDS	Sal.	NaMnO ₄
			mg/L	pH units	mV	°C	µmhos/cm	NTU	mg/L	PSU	mg/L
P-111	Shallow	9/23/20	0.29	6.73	31.6	24.9	10,406	47	6,766	5.88	--
P-111	Shallow	12/28/20	0.39	6.66	95.4	21.6	9,320	337	6,064.5	5.24	--
P-111	Shallow	1/18/21	0.46	6.81	72.8	21.4	9,160	164	5,950.0	5.14	--
P-111	Shallow	2/16/21	0.42	6.72	101.3	260.0	9,275	331	6,025.5	5.40	--
P-111	Shallow	3/18/21	0.46	7.21	-29.7	20.8	11,350	>1,000	8,014.0	7.08	--
P-112	Shallow	6/13/19	0.22	6.75	-53.7	24.3	10,686	24.3	6,948	6.05	--
P-112	Shallow	12/18/19	0.26	6.85	71	23.7	10,000	26	6,506	5.64	--
P-112	Shallow	3/23/20	0.21	6.93	65.7	24.6	9,987	74	6,487	5.82	--
P-112	Shallow	6/23/20	0.52	6.81	36.4	24.1	10,470	10	6,812	5.92	--
P-112	Shallow	9/24/20	0.43	6.84	78.1	24.2	10,405	32	6,741	5.87	--
P-112	Shallow	12/28/20	0.35	6.82	149.2	21.8	9,560	8	6,214	5.38	--
P-112	Shallow	1/18/21	0.65	6.94	87.8	22.2	9,330	26	6,070	5.25	--
P-112	Shallow	2/15/21	0.74	6.81	125.2	22.9	9,424	40	6,136	5.30	--
P-112	Shallow	3/17/21	0.39	6.93	121.1	23.2	9,310	9	6,051	5.22	--
P-113	Shallow	6/13/19	0.75	7.14	100.7	22.9	17,003	9	11,050	10.01	--
P-113	Shallow	8/20/19	--	6.80	435	27.1	15,070	617	13	--	--
P-113	Shallow	8/30/19	--	1.63	84.4	26.0	15,189	640	--	--	--
P-113	Shallow	9/17/19	1.73	7.33	55.4	25.8	15,327	843	--	--	--
P-113	Shallow	10/21/19	3.46	7.30	64.9	25.4	19,777	255	3,013	11.91	--
P-113	Shallow	11/19/19	1.11	6.99	208.2	22.0	13,596	181	8,875.5	7.89	--
P-113	Shallow	12/16/19	0.53	6.99	175	23.9	16,710	79	10,530	9.58	--
P-113	Shallow	1/23/20	1.22	7.19	-95.8	24.9	16,418	>1,000	10,686	9.63	--
P-113	Shallow	2/25/20	1.44	7.28	69.4	22.8	15,244	738	9,958	8.95	--
P-113	Shallow	3/23/20	0.35	7.21	76.1	23.5	17,561	275	11,264	10.22	--
P-113	Shallow	6/23/20	0.65	7.00	63.9	23.8	21,890	147	14,124	13.06	--
P-113	Shallow	9/24/20	0.57	7.14	64.7	27.0	20,056	278	13,026	11.91	--
P-113	Shallow	12/24/20	0.28	7.12	39.8	22.3	17,150	64	11,147	10.40	--
P-113	Shallow	1/19/21	0.81	7.19	90.2	21.4	1,658	56	10,765	9.73	--
P-113	Shallow	2/15/21	0.76	7.17	119.8	22.1	16,637	82	10,804	9.77	--
P-113	Shallow	3/18/21	0.58	7.24	166.4	20.3	16,340	57	10,621	9.61	--
P-114	Shallow	6/13/19	1.49	6.71	-25.5	22.9	12,474	26	8,049	7.16	--
P-114	Shallow	12/17/19	0.41	6.81	11	22.1	10,930	25	7,108	6.21	--
P-114	Shallow	3/23/20	0.28	6.85	52	22.5	10,865	74	1,059	6.17	--
P-114	Shallow	6/23/20	1.42	6.75	50.6	23.7	10,590	112	6,893	6.05	--
P-114	Shallow	9/23/20	0.38	6.79	49.2	25.9	11,885	15	7,741	6.79	--
P-114	Shallow	12/24/20	0.28	6.83	31.4	19.7	11,140	11	7,241	6.35	--
P-114	Shallow	1/18/21	1.57	6.94	166.9	23.4	1,031	5	6,701	5.82	--
P-114	Shallow	2/15/21	0.69	6.85	21.3	21.1	10,912	18	7,091	6.21	--
P-114	Shallow	3/18/21	0.70	7.08	-22.8	9.5	13,030	10	9	8.49	--
SVE-1	Shallow	4/17/19	0.73	6.88	225.1	17.5	5,419	5	3,573	2.94	--
SVE-1	Shallow	5/16/19	--	5.70	684	20.3	23,600	146	22.71	--	142.9

Table 2
Field Monitoring Results
 Northern Sorrento Valley Property
 General Atomics, San Diego, California

Location	Aquifer Zone	Date Sampled	Parameter								
			DO	pH	ORP	Temp.	Specific Conductance	Turb.	TDS	Sal.	NaMnO ₄
			mg/L	pH units	mV	°C	µmhos/cm	NTU	mg/L	PSU	mg/L
SVE-1	Shallow	6/10/19	--	--	--	--	--	--	--	--	--
SVE-1	Shallow	7/22/19	--	6.20	708	27.4	19,430	132	17.58	--	--
SVE-1	Shallow	8/20/19	--	5.90	855	21.4	15,510	34	13.73	--	--
SVE-1	Shallow	9/17/19	--	5.90	696	24.6	4,415	289	--	--	--
SVE-1	Shallow	10/21/19	--	7.20	650	21.6	6,386	69	5,043	--	--
SVE-1	Shallow	11/19/19	--	6.20	754	19.2	15,450	148	14.11	--	--
SVE-1	Shallow	12/18/19	--	5.70	684	15.2	11,610	12	9,903	--	--
SVE-1	Shallow	1/21/20	--	5.10	733	20.1	10,630	30	8,916	--	--
SVE-1	Shallow	2/24/20	--	6.70	668	12.9	9,678	18	8,050	--	--
SVE-1	Shallow	3/23/20	--	7.10	660	19.9	9,038	7	6,908	--	--
SVE-1	Shallow	6/23/20	--	6.97	660	21.3	8,208	33	6,535	--	--
SVE-1	Shallow	9/24/20	--	7.20	647	22.4	7,581	13	6,024	--	--
SVE-1	Shallow	12/22/20	--	6.90	651	19.0	8,274	20	6,249	--	--
SVE-1	Shallow	3/16/21	--	7.40	676	18.3	9,118	18	7,429	--	--
SVE-2	Shallow	6/12/19	2.85	6.78	111.9	24.2	4,042	116	5,882	5.06	--
SVE-2	Shallow	12/18/19	--	5.20	688	6.8	11,110	12	9,991	--	--
SVE-2	Shallow	3/23/20	--	6.70	648	20.3	11,110	12	8,628	--	--
SVE-2	Shallow	6/23/20	--	7.03	647	21.4	9,888	10	8,020	--	--
SVE-2	Shallow	9/24/20	--	7.10	600	22.3	9,771	13	7,975	--	--
SVE-2	Shallow	12/22/20	--	7.10	471	19.7	9,969	33	8,275	--	--
SVE-2	Shallow	3/16/21	--	8.30	695	17.9	13,520	30	11,510	--	--
SVE-3	Shallow	12/18/19	--	5.30	666	16.7	10,920	15	9,244	--	--
SVE-3	Shallow	3/23/20	--	7.00	659	18.4	9,139	5	6,964	--	--
SVE-3	Shallow	6/23/20	--	7.02	628	21.4	9,595	14	3,359	--	--
SVE-3	Shallow	9/24/20	--	7.00	674	22.4	9,841	12	8,041	--	--
SVE-3	Shallow	12/22/20	--	7.00	459	19.5	10,180	30	8,488	--	--
SVE-3	Shallow	3/16/21	--	8.80	666	18.6	11,180	37	9,328	--	--
SVE-4	Shallow	4/16/19	2.08	7.11	-104.5	20.2	3,885	2	2,528	2.06	--
SVE-4	Shallow	5/16/19	--	6.40	697	19.8	43,970	28	--	--	141.2
SVE-4	Shallow	6/10/19	--	--	--	--	--	--	--	--	--
SVE-4	Shallow	7/23/19	--	5.80	643	23.6	19,450	89	--	--	--
SVE-4	Shallow	8/19/19	--	6.10	779	21.2	18,100	49	16.44	--	--
SVE-4	Shallow	9/16/19	--	5.30	687	22.7	21,510	706	--	--	--
SVE-4	Shallow	10/22/19	--	7.10	685	22.1	18,870	197	12.09	--	--
SVE-4	Shallow	11/19/19	--	6.50	728	20.0	5,914	256	4,640	--	--
SVE-4	Shallow	12/18/19	--	5.50	643	18.2	6,426	21	5,548	--	--
SVE-4	Shallow	12/18/19	--	5.70	715	18.2	7,978	10	6,506	--	--
SVE-4	Shallow	2/24/20	--	7.40	645	20.4	4,922	16	8,242	--	--
SVE-4	Shallow	3/23/20	--	7.30	632	20.8	9,860	5	7,575	--	--
SVE-4	Shallow	6/24/20	--	6.09	652	20.7	10,100	6	8,266	--	--
SVE-4	Shallow	9/24/20	--	7.40	632	23.5	9,188	16	7,386	--	--
SVE-4	Shallow	12/23/20	--	7.50	626	19.1	8,585	22	7,040	--	--

Table 2
Field Monitoring Results
 Northern Sorrento Valley Property
 General Atomics, San Diego, California

Location	Aquifer Zone	Date Sampled	Parameter								
			DO	pH	ORP	Temp.	Specific Conductance	Turb.	TDS	Sal.	NaMnO ₄
			mg/L	pH units	mV	°C	µmhos/cm	NTU	mg/L	PSU	mg/L
SVE-4	Shallow	3/16/21	--	9.86	656	19.6	12,580	18	9,643	--	--
SVE-5	Shallow	4/16/19	6.89	7.29	-37.0	20.5	6,489	794	4,218	3.55	--
SVE-5	Shallow	5/14/19	7.54	7.52	96.7	18.7	8,182	239	5,311	4.58	0.34
SVE-5	Shallow	6/10/19	--	--	--	--	--	--	--	--	--
SVE-5	Shallow	7/23/19	--	--	--	--	--	--	--	--	--
SVE-5	Shallow	8/20/19	--	6.20	731	21.1	10,940	314	9,185	--	--
SVE-5	Shallow	9/17/19	--	5.90	721	25.4	9,642	> 1,000	--	--	--
SVE-5	Shallow	10/22/19	--	6.20	702	21.3	14,380	> 1,000	12.51	--	--
SVE-5	Shallow	11/18/19	--	5.50	700	17.3	13,930	787	12.16	--	--
SVE-5	Shallow	12/19/19	--	5.50	716	18.1	12,240	626	10.52	--	--
SVE-5	Shallow	1/21/20	--	5.50	744	19.8	5,010	71	339.1	--	--
SVE-5	Shallow	2/25/20	--	5.60	693	18.8	9,743	560	8,110	--	--
SVE-5	Shallow	3/23/20	--	6.50	675	20.9	8,777	30	8,597	--	--
SVE-5	Shallow	6/24/20	--	--	--	--	--	--	--	--	--
SVE-5	Shallow	9/21/20	--	--	--	--	--	--	--	--	--
SVE-5	Shallow	12/23/20	--	7.40	595	19.4	2,500	>1,000	1,838	--	--
SVE-5	Shallow	3/16/21	--	8.00	672	19.7	4,518	>1,000	3,417	--	--
SVE-6	Shallow	4/17/19	3.98	6.98	74.3	19.6	6,803	1,000	4,420	3.74	--
SVE-6	Shallow	5/14/19	7.74	7.29	182.7	21.0	8,724	41	5,760	4.91	13.15
SVE-6	Shallow		--	5.80	835	21.9	16,980	198	19.18	--	--
SVE-6	Shallow	9/17/19	--	5.40	726	24.0	14,610	> 1,000	--	--	--
SVE-6	Shallow	10/22/19	--	7.00	722	23.4	24,530	> 1,000	23.22	--	--
SVE-6	Shallow	11/18/19	--	5.40	704	17.4	14,630	752	12.83	--	--
SVE-6	Shallow	12/19/19	--	5.90	737	18.2	16,150	373	14.54	--	--
SVE-6	Shallow	1/21/20	--	5.80	720	19.5	12,420	>1,000	10.61	--	--
SVE-6	Shallow	2/25/20	--	5.40	732	17.8	35,250	451	36.23	--	--
SVE-6	Shallow	3/23/20	--	6.20	687	20.3	29,350	>1,000	28.93	--	--
SVE-6	Shallow	6/23/20	--	6.54	691	21.4	18,870	189	16.83	--	--
SVE-6	Shallow	9/23/20	--	6.90	639	23.1	16,670	50	15.06	--	--
SVE-6	Shallow	12/22/20	--	6.80	663	18.3	15,810	22	14	--	--
SVE-6	Shallow	3/16/21	--	7.04	679	17.5	6,955	23	5,506	--	--
SVE-7	Shallow	4/16/19	5.34	7.37	-98.0	20.7	7,928	21	5,154	4.41	--
SVE-7	Shallow	5/15/19	5.99	7.62	95.2	18.7	7,937	9	5,161	4.42	1.10
SVE-7	Shallow	12/20/19	--	6.20	563	17.3	9,067	114	2,550	--	--
SVE-7	Shallow	3/27/20	--	7.10	290	19.0	8,748	45	6,462	--	--
SVE-7	Shallow	6/23/20	--	6.96	366	21.6	8,893	7	6,869	--	--
SVE-7	Shallow	9/25/20	--	7.00	90	21.3	8,234	32	6,668	--	--
SVE-7	Shallow	12/22/20	--	6.90	624	17.7	6,532	74	5,210	--	--
SVE-7	Shallow	3/16/21	--	7.10	680	14.6	4,829	176	3,667	--	--
SVE-8	Shallow	4/16/19	5.07	7.43	-93.0	20.9	3,911	13	2,541	2.07	--
SVE-8	Shallow	5/15/19	5.92	7.77	91.9	18.7	4,135	6	2,691	2.20	0.59

Table 2
Field Monitoring Results
 Northern Sorrento Valley Property
 General Atomics, San Diego, California

Location	Aquifer Zone	Date Sampled	Parameter								
			DO	pH	ORP	Temp.	Specific Conductance	Turb.	TDS	Sal.	NaMnO ₄
			mg/L	pH units	mV	°C	µmhos/cm	NTU	mg/L	PSU	mg/L
SVE-8	Shallow	12/20/19	--	6.70	509	19.6	4,820	158	3,796	--	--
SVE-8	Shallow	3/27/20	--	7.10	371	20.2	4,362	32	3,208	--	--
SVE-8	Shallow	6/23/20	--	7.26	330	21.5	4,312	11	3,221	--	--
SVE-8	Shallow	9/25/20	--	7.20	249	21.2	3,938	8	2,966	--	--
SVE-8	Shallow	12/22/20	--	7.10	630	19.1	3,766	27	2,841	--	--
SVE-8	Shallow	3/16/21	--	7.10	668	19.0	4,959	39	3,785	--	--
SVE-9	Shallow	4/16/19	1.51	6.77	-141.9	20.9	11,700	13	7,605	6.69	--
SVE-9	Shallow	5/15/19	3.44	7.03	136.0	18.6	11,443	5	2,442	6.55	0.52
SVE-9	Shallow	12/18/19	--	5.40	712	21.2	17,470	12	15.70	--	--
SVE-9	Shallow	3/23/20	--	6.50	689	20.4	18,030	9	14.94	--	--
SVE-9	Shallow	6/23/20	--	6.33	629	20.8	15,290	16	13.19	--	--
SVE-9	Shallow	9/24/20	--	7.00	680	23.2	19,510	19	12.51	--	--
SVE-9	Shallow	12/22/20	--	6.80	623	21.1	13,100	24	11.22	--	--
SVE-9	Shallow	3/16/21	--	7.21	670	16.8	7,252	17	5,926	--	--
SVE-10	Shallow	4/15/19	1.34	6.92	-135.9	24.1	15,422	7	10,062	9.01	--
SVE-10	Shallow	5/16/19	3.25	6.77	189.4	18.2	15,871	7	10,315	9.36	0.52
SVE-10	Shallow	12/18/19	--	6.10	712	22.2	18,920	94	17.23	--	--
SVE-10	Shallow	3/23/20	--	6.80	678	20.5	19,420	52	16.90	--	--
SVE-10	Shallow	6/23/20	--	7.02	509	21.3	17,370	32	14.25	--	--
SVE-10	Shallow	9/24/20	--	6.90	635	21.2	18,250	190	16.40	--	--
SVE-10	Shallow	12/22/20	--	6.80	593	21.0	19,500	129	17.98	--	--
SVE-10	Shallow	3/16/21	--	7.10	688	20.0	10,100	309	8,277	--	--
SVE-11	Shallow	4/15/19	2.54	7.11	-96.4	21.8	3,970	28	2,580	2.10	--
SVE-11	Shallow	5/16/19	3.79	7.30	124.7	18.9	4,134	67	2,884	2.20	1.37
SVE-11	Shallow	12/19/19	--	5.60	687	18.2	4,812	541	3,737	--	--
SVE-11	Shallow	3/23/20	--	6.80	678	20.2	5,422	114	4,032	--	--
SVE-11	Shallow	6/24/20	--	6.64	637	21.7	3,612	25	2,670	--	--
SVE-11	Shallow	9/23/20	--	6.80	439	21.7	3,162	99	2,315	--	--
SVE-11	Shallow	12/23/20	--	6.80	283	18.9	2,240	54	1,631	--	--
SVE-11	Shallow	3/16/21	--	7.07	675	16.8	4,647	19	3,611	--	--
SVE-12	Shallow	4/17/19	5.27	7.13	78.5	21.0	8,264	1	5,369	4.60	--
SVE-12*	Shallow	5/16/19	--	5.47	537	24.8	8,142	62	6,925	--	141.9
SVE-12	Shallow	6/11/19	--	--	--	--	--	--	--	--	--
SVE-12	Shallow	7/23/19	--	5.50	637	23.3	5,247	86	--	--	--
SVE-12	Shallow	12/19/19	--	6.60	680	18.4	2,276	95	1,662	--	--
SVE-12	Shallow	3/23/20	--	7.10	639	20.9	5,146	9	3,622	--	--
SVE-12	Shallow	6/24/20	--	6.77	617	22.1	4,186	31	3,132	--	--
SVE-12	Shallow	9/23/20	--	6.30	639	22.3	8,646	15	6,972	--	--
SVE-12	Shallow	12/21/20	--	7.50	555	21.3	8,737	42	7,136	--	--
SVE-12	Shallow	3/16/21	--	7.50	669	22.4	6,014	34	4,638	--	--

Table 2
Field Monitoring Results
 Northern Sorrento Valley Property
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Location	Aquifer Zone	Date Sampled	Parameter								
			DO	pH	ORP	Temp.	Specific Conductance	Turb.	TDS	Sal.	NaMnO ₄
			mg/L	pH units	mV	°C	µmhos/cm	NTU	mg/L	PSU	mg/L
SVE-13	Shallow	4/17/19	3.38	6.95	134.9	19.8	8,241	1	5,681	4.90	--
SVE-13	Shallow	5/15/19	4.13	7.53	107.4	19.2	9,072	3	5,895	5.09	0.00
SVE-13	Shallow	8/19/19	--	6.00	806	22.4	9,556	311	7,902	--	--
SVE-13	Shallow	9/16/19	--	6.70	706	22.6	12,670	209	--	--	--
SVE-13	Shallow	10/21/19	--	6.80	654	24.4	11,250	226	4,366	--	--
SVE-13	Shallow	11/18/19	--	6.40	667	21.6	14,100	49	12.38	--	--
SVE-13	Shallow	12/19/19	--	5.80	712	15.7	13,510	37	16.88	--	--
SVE-13	Shallow	1/22/20	--	5.70	743	18.7	41,010	11	12	--	--
SVE-13	Shallow	2/24/20	--	6.30	682	18.7	14,400	6	12	--	--
SVE-13	Shallow	3/23/20	--	7.20	642	19.9	14,780	5	11.69	--	--
SVE-13	Shallow	6/24/20	--	6.57	667	21.9	9,529	9	7,741	--	--
SVE-13	Shallow	9/23/20	--	6.40	611	21.6	10,010	90	8,206	--	--
SVE-13	Shallow	12/21/20	--	7.30	501	21.7	4,386	25	7,689	--	--
SVE-13	Shallow	3/16/21	--	7.10	662	22.9	6,603	22	5,156	--	--
SVE-14	Shallow	4/15/19	3.30	7.05	-77.7	22.6	2,377	9	1,547	1.22	--
SVE-14	Shallow	5/15/19	5.40	7.68	1459	19.1	2,884	7	1,872	1.50	0.27
SVE-14	Shallow	8/19/19	--	6.00	823	23.5	7,535	51	6,067	--	--
SVE-14	Shallow	9/16/19	--	5.90	712	23.1	7,571	209	--	--	--
SVE-14	Shallow	10/21/19	--	6.80	633	23.7	4,521	48	3,427	--	--
SVE-14	Shallow	11/18/19	--	6.80	651	23.4	5,842	9	4,592	--	--
SVE-14	Shallow	12/19/19	--	5.90	677	18.1	3,703	7	2,804	--	--
SVE-14	Shallow	1/22/20	--	5.90	719	20.1	3,648	9	2,747	--	--
SVE-14	Shallow	2/24/20	--	6.80	648	18.1	5,145	3	4,046	--	--
SVE-14	Shallow	3/23/20	--	7.70	584	22.0	4,568	4	3,199	--	--
SVE-14	Shallow	6/24/20	--	6.76	634	22.5	2,998	11	2,176	--	--
SVE-14	Shallow	9/23/20	--	7.30	572	24.4	3,156	20	2,319	--	--
SVE-14	Shallow	12/21/20	--	7.10	375	22.2	2,892	110	2,139	--	--
SVE-14	Shallow	3/16/21	--	7.27	687	15.4	4,617	33	3,594	--	--
SVE-15	Shallow	4/17/19	7.63	7.07	223.0	20.0	18,738	33	12,174	11.15	--
SVE-15	Shallow	5/14/19	4.09	7.30	99.8	21.0	22,977	9	14,937	13.92	0.00
SVE-15	Shallow	6/10/19	--	--	--	--	--	--	--	--	--
SVE-15	Shallow	7/22/19	--	5.80	691	24.2	26,400	476	25.41	--	--
SVE-15	Shallow	8/19/19	--	5.60	838	27.2	27,300	627	2,629	--	--
SVE-15	Shallow	9/17/19	--	5.80	786	25.6	14,090	240	--	--	--
SVE-15	Shallow	10/22/19	--	6.40	681	25.8	21,810	104	19.45	--	--
SVE-15	Shallow	11/18/19	--	6.80	640	24.3	11,510	101	4595	--	--
SVE-15	Shallow	12/19/19	--	5.70	721	17.9	13,920	9	12.30	--	--
SVE-15	Shallow	1/21/20	--	5.30	697	20.7	24,410	34	158.6	--	--
SVE-15	Shallow	2/24/20	--	6.80	659	23.7	13,490	14	440.9	--	--
SVE-15	Shallow	3/23/20	--	7.40	686	23.6	29,530	7	2,018	--	--
SVE-15	Shallow	6/23/20	--	6.96	703	23.1	17,320	7	15.15	--	--
SVE-15	Shallow	9/23/20	--	6.90	655	25.4	19,530	8	17.39	--	--
SVE-15	Shallow	12/23/20	--	7.10	654	21.7	11,440	16	9,674	--	--
SVE-15	Shallow	3/17/21	--	7.10	681	18.1	16,090	15	14	--	--

Table 2
Field Monitoring Results
 Northern Sorrento Valley Property
 General Atomics, San Diego, California

Location	Aquifer Zone	Date Sampled	Parameter								
			DO	pH	ORP	Temp.	Specific Conductance	Turb.	TDS	Sal.	NaMnO ₄
			mg/L	pH units	mV	°C	µmhos/cm	NTU	mg/L	PSU	mg/L
SVE-16	Shallow	4/17/19	4.93	6.73	78.5	21.7	27,463	9	17,855	16.89	--
SVE-16	Shallow	5/14/19	1.85	6.71	111.3	20.6	30,855	2	20,059	19.22	1.41
SVE-16	Shallow	8/19/19	--	5.60	812	25.3	23,470	145	22.23	--	--
SVE-16	Shallow	9/16/19	--	6.30	730	24.9	10,790	250	--	--	--
SVE-16	Shallow	10/22/19	--	6.20	629	19.3	34,840	168	35.34	--	--
SVE-16	Shallow	11/18/19	--	6.10	702	18.9	13,500	907	11.60	--	--
SVE-16	Shallow	12/19/19	--	5.40	721	17.1	19,660	107	18.34	--	--
SVE-16	Shallow	1/21/20	--	6.20	695	20.4	16,060	80	14.28	--	--
SVE-16	Shallow	2/24/20	--	6.20	679	20.3	20,920	33	19.60	--	--
SVE-16	Shallow	3/23/20	--	6.50	638	21.1	25,640	88	24.62	--	--
SVE-16	Shallow	6/23/20	--	6.88	969	22.5	26,280	28	24.83	--	--
SVE-16	Shallow	9/23/20	--	6.80	637	28.3	26,320	36	24.79	--	--
SVE-16	Shallow	12/21/20	--	6.15	669	21.2	27,540	23	26.54	--	--
SVE-16	Shallow	3/17/21	--	6.89	703	15.9	22,390	27	21.46	--	--
TW-3	Shallow	12/18/19	--	4.90	670	13.6	14,280	29	12.59	--	--
TW-3	Shallow	1/21/20	--	5.50	750	19.8	11,890	31	10.12	--	--
TW-3	Shallow	2/24/20	--	6.00	694	19.6	11,400	44	96.91	--	--
TW-3	Shallow	3/23/20	--	6.60	694	19.8	13,730	29	10.87	--	--
TW-3	Shallow	6/23/20	--	6.83	694	22.3	11,660	8	9,634	--	--
TW-3	Shallow	9/24/20	--	7.20	696	22.0	11,060	7	9,184	--	--
TW-3	Shallow	12/23/20	--	6.90	670	20.0	11,650	14	9,895	--	--
TW-3	Shallow	3/16/21	--	9.00	655	19.5	6,495	51	5,089	--	--
IW-1	Shallow	12/27/19	1.34	6.78	67.1	14.2	19,449	531	12,636	11.61	--
IW-2	Shallow	12/27/19	3.25	6.84	78.2	15.7	27,373	>1,000	17,803	16.87	--
IW-3	Shallow	12/27/19	1.44	6.63	116.0	17.5	37,643	>1,000	24,505	23.47	--
IW-4	Shallow	12/27/19	2.81	6.55	164.1	15.3	37,102	88	24,102	23.53	--
IW-5	Shallow	12/20/19	0.91	6.80	198	21.2	26,210	168	17,036	16.04	--
IW-6	Shallow	12/20/19	2.56	6.99	201	22.0	28,570	>1,000	18,564	17.62	--
IW-7	Shallow	12/20/19	2.69	6.94	187	20.4	25,310	>1,000	16,442	15.53	--
IW-8	Shallow	12/20/19	1.59	7.08	150	20.2	11,880	621	7,715	6.80	--
IW-9	Shallow	12/20/19	1.29	7.02	182	18.1	8,840	>1,000	5,759	4.97	--
IW-10	Shallow	12/20/19	1.98	6.98	154	19.3	9,860	839	6,415	5.60	--
IW-11	Shallow	12/20/19	1.43	6.93	158	16.3	9,300	363	5,870	4.99	--

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Field Monitoring Results
Northern Sorrento Valley Property
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Location	Aquifer Zone	Date Sampled	Parameter								
			DO	pH	ORP	Temp.	Specific Conductance	Turb.	TDS	Sal.	NaMnO ₄
			mg/L	pH units	mV	°C	µmhos/cm	NTU	mg/L	PSU	mg/L
IW-19	Shallow	12/30/19	1.37	6.59	92.7	18.9	11,706	472	7,611	6.71	--
IW-19	Shallow	1/22/20	1.57	6.70	55.4	22.4	10,824	>1,000	7,065	6.18	--
IW-19	Shallow	2/25/20	2.55	6.79	131.1	22.0	10,609	>1,000	6,890	6.01	--
IW-20	Shallow	12/30/19	1.40	6.57	110.6	17.1	11,048	503	7,202	6.32	--
IW-20	Shallow	1/22/20	3.41	6.80	85.9	21.9	9,798	>1,000	6,370	5.53	--
IW-20	Shallow	2/25/20	2.25	6.91	99.7	22.2	9,656	>1,000	6,279	5.44	--
IW-21	Shallow	12/30/19	2.04	6.61	173.8	16.1	10,411	992	6,766	5.91	--
IW-21	Shallow	1/22/20	1.49	6.70	43.5	22.5	9,608	>1,000	6,259	5.42	--
IW-21	Shallow	2/25/20	1.65	6.89	112.7	22.3	9,264	>1,000	6,025	5.2	--
IW-22	Shallow	12/27/19	0.85	6.80	55.3	18.7	12,776	>1,000	8,307	7.37	--
IW-22	Shallow	1/22/20	2.41	6.93	50.8	22.3	11,442	>1,000	7,455	6.55	--
IW-22	Shallow	2/25/20	2.39	7.03	99.3	22.0	10,959	>1,000	7,320	5.61	--
IW-23	Shallow	12/27/19	1.28	7.20	74.4	18.2	15,639	652	10,172	9.17	--
IW-23	Shallow	1/22/20	1.66	7.10	-9.8	23.3	13,974	>1,000	9,100	8.11	--
IW-23	Shallow	2/25/20	1.79	7.27	90.6	21.9	13,344	>1,000	8,677	7.71	--
IW-37	Shallow	12/19/19	0.51	6.85	211	23.3	14,730	264	9,626	8.61	--
IW-37	Shallow	1/23/20	1.70	6.80	211.4	23.4	13,086	>1,000	8,528	7.56	--
IW-37	Shallow	2/25/20	4.03	6.88	66.1	22.5	12,417	>1,000	8,073	7.13	--
IW-38	Shallow	12/19/19	0.65	6.91	253	22.8	10,460	331	6,809	5.91	--
IW-38	Shallow	1/23/20	1.31	6.70	-27	23.6	10,651	>1,000	6,922	6.03	--
IW-38	Shallow	2/25/20	1.59	6.89	59	22.4	10,155	>1,000	6,604	5.74	--
IW-39	Shallow	12/19/19	0.48	6.99	269	22.5	9,970	>1,000	6,480	5.62	--
IW-39	Shallow	1/23/20	2.23	6.90	-21.3	23.6	10,385	>1,000	6,753	5.87	--
IW-39	Shallow	2/25/20	1.81	6.93	47.6	22.6	9,939	>1,000	6,461	5.61	--
IW-40	Shallow	12/19/19	0.43	6.84	205	22.7	10,940	76	7,113	6.22	--
IW-40	Shallow	1/22/20	1.50	6.96	-10.8	24.7	11,729	>1,000	7,631	6.69	--
IW-40	Shallow	2/25/20	1.78	7.10	51.0	22.9	11,051	>1,000	7,189	6.29	--
IW-48	Shallow	12/19/19	0.58	7.04	159	20.2	17,550	>1,000	11,381	10.36	--
IW-48	Shallow	1/23/20	1.47	7.10	-47.9	24.9	18,111	>1,000	11,778	10.70	--
IW-48	Shallow	2/25/20	1.62	7.10	69.5	23.0	17,330	>1,000	11,238	10.18	--
IW-49	Shallow	12/19/19	1.64	7.11	178	23.2	17,210	136	11,096	10.09	--
IW-49	Shallow	1/23/20	1.71	7.00	-37.1	25.3	11,596	>1,000	11,602	10.52	--
IW-49	Shallow	2/25/20	2.34	6.99	100.5	24.1	17,014	>1,000	11,056	10.00	--

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Location	Aquifer Zone	Date Sampled	Parameter								
			DO	pH	ORP	Temp.	Specific Conductance	Turb.	TDS	Sal.	NaMnO ₄
			mg/L	pH units	mV	°C	µmhos/cm	NTU	mg/L	PSU	mg/L
IW-50	Shallow	12/19/19	0.73	7.14	112	23.4	10,310	35	6,701	5.82	--
IW-50	Shallow	1/23/20	1.17	7.20	-93.9	24.7	11,043	>1,000	7,169	6.26	--
IW-50	Shallow	2/25/20	1.35	7.00	-29.0	24.8	10,404	116	6,753	5.86	--

Abbreviations:

- | | |
|-------------------------------------|---|
| °C - degrees Centigrade | P - piezometer well |
| DO - dissolved oxygen | PSU - practical salinity units (parts per thousand) |
| Lab - laboratory analysis | pH - negative logarithm of the hydrogen ion concentration |
| µmhos/cm - micromhos per centimeter | Sal. - salinity |
| mg/l - milligrams per liter | SM - Standard Methods for the Examination of Water and Wastewater |
| mV - millivolts | TDS - total dissolved solids |
| MW - monitoring well | T - temperature |
| NTU - nephelometric turbidity units | Turb. - turbidity |
| ORP - oxidation/reduction potential | NaMnO ₄ - potassium permanganate |

Notes:

Parameters were measured after purging where grab samples were collected

Table 3
Summary of VOC and 1,4-Dioxane Laboratory Analytical Results
 Northern Sorrento Valley Property
 General Atomics, San Diego, California



Location	Aquifer Zone	Date Sampled	Collection Method	Sample Identification	Detected Compounds (µg/l)																
					TCE	PCE	1,1-DCE	1,1-DCA	TFM	Chloroform	c-1,2-DCE	Naphthalene	Bromoform	BDOM	DBCM	1,4-Dioxane					
MW-08	Deep	6/24/2020	Ded. B. Pump	MW-9-062420	<0.50	0.35 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	1.9	
MW-08	Deep	9/25/2020	Ded. B. Pump	MW-9-092520	<0.50	0.58	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	2.2	
MW-08	Deep	12/28/2020	Ded. B. Pump	MW-9-122820	1.3	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	1.0	
MW-08**	Deep	12/28/2020	Ded. B. Pump	DUP-2-122820	1.7	2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	1.3	
MW-08	Deep	3/16/2021	Ded. B. Pump	MW-9-031621	2.1	3.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	2.0	
MW-09	Deep	12/18/2019	Ded. B. Pump	MW-9-121819	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	5.4	
MW-09	Deep	3/25/2020	Ded. B. Pump	MW-9-032520	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	4.8	
MW-09	Deep	6/23/2020	Ded. B. Pump	MW-9-062320	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	4.7	
MW-09	Deep	9/23/2020	Ded. B. Pump	MW-9-092320	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	9.7	
MW-09	Deep	12/29/2020	Ded. B. Pump	MW-9-122920	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	8.1	
MW-09	Deep	1/19/2021	Ded. B. Pump	MW-9-011921	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	7.0	
MW-09	Deep	2/16/2021	Ded. B. Pump	MW-9-021621	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	6.0	
MW-09	Deep	3/18/2021	Ded. B. Pump	MW-9-031821	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	6.4	
MW-10	Shallow	6/13/2019	Ded. B. Pump	MW-10-061319	4.30	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	3.4	<2.5	<5.0	<5.0	<5.0	<2.5	<2.5	3.1	
MW-10	Shallow	12/17/2019	Ded. B. Pump	MW-10-121719	2.90	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	3.1	<2.5	<5.0	<5.0	<5.0	<2.5	<2.5	3.3	
MW-10	Shallow	3/26/2020	Ded. B. Pump	MW-10-032620	3.30	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	<5.0	<5.0	<2.5	<2.5	--	
MW-10	Shallow	9/25/2020	Ded. B. Pump	MW-10-092520	3.40	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.7 J	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	5.6	
MW-10**	Shallow	9/25/2020	Ded. B. Pump	DUP-3-092520	3.70	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.8 J	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	5.6	
MW-10	Shallow	3/17/2021	Ded. B. Pump	MW-10-031721	3.30	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	5.6	
MW-10D	Deep	12/30/2019	Ded. B. Pump	MW-10D-123019	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.37 J	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	1.1	
MW-10D	Deep	3/26/2020	Ded. B. Pump	MW-10D-032620	2.1	<0.50	0.25 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	9.5	
MW-10D	Deep	9/25/2020	Ded. B. Pump	MW-10D-092520	0.42 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	5.5	
MW-10D**	Deep	3/17/2021	Ded. B. Pump	MW-10D-031721	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	5.2	
MW-10D**	Deep	3/17/2021	Ded. B. Pump	DUP-1-031721	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	4.8	
MW-11S	Shallow	12/17/2019	Ded. B. Pump	MW-11S-121719	2.4	2.5	2.7	<0.50	<0.50	<0.50	<0.50	<0.50	0.25 J	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	7.2	
MW-11S	Shallow	3/26/2020	Ded. B. Pump	MW-11S-032620	2.3	2.4	2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	5.9	
MW-11S	Shallow	9/22/2020	Ded. B. Pump	MW-11S-092220	2.9	2.6	4.3	0.24 J	<0.50	<0.50	<0.50	0.17 J	0.22 J	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	1.1	
MW-11D	Deep	12/17/2019	Ded. B. Pump	MW-11D-121719	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	0.99	
MW-11D	Deep	3/26/2020	Ded. B. Pump	MW-11D-032620	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	0.81	
MW-11D	Deep	9/22/2020	Ded. B. Pump	MW-11D-092220	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	2.4	
MW-12	Shallow	6/12/2019	Ded. B. Pump	MW-12-061219	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	0.15 J	
MW-12	Shallow	12/16/2019	Ded. B. Pump	MW-12-121619	8.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.36 J	<1.0	<1.0	<1.0	<0.50	<0.50	0.23	
MW-12	Shallow	3/27/2020	Ded. B. Pump	MW-12-032720	1.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.61	<1.0	<1.0	<1.0	<0.50	<0.50	0.20 J		
MW-12**	Shallow	3/27/2020	Ded. B. Pump	DUP-2-032720	1.40	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	<1.0	<1.0	<1.0	<0.50	<0.50	0.18 J		
MW-12	Shallow	9/22/2020	Ded. B. Pump	MW-12-092220	2.7	<0.50	0.15 J	<0.50	<0.50	<0.50	<0.50	<0.50	0.13 J	<1.0	<1.0	<1.0	<0.50	<0.50	<0.50	<0.50	
MW-13	Deep	6/12/2019	Ded. B. Pump	MW-13-061219	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	NA	
MW-13	Deep	12/16/2019	Ded. B. Pump	MW-13-121619	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	<0.19	
MW-13	Deep	3/27/2020	Ded. B. Pump	MW-13-032720	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	<0.19	
MW-13	Deep	9/22/2020	Ded. B. Pump	MW-13-092220	0.26 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	<0.50	
MW-14	Deep	12/16/2019	Ded. B. Pump	MW-14-121619	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	1.3	
MW-14	Deep	3/27/2020	Ded. B. Pump	MW-14-032720	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	1.1	
MW-14	Deep	9/22/2020	Ded. B. Pump	MW-14-092220	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	2.1	
MW-15	Shallow	12/16/2019	Ded. B. Pump	MW-15-121619	8.6	3.7	0.28 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	7.8	
MW-15	Shallow	3/26/2020	Ded. B. Pump	MW-15-032620	5.9	2.1	0.31 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	6.9	
MW-15	Shallow	9/22/2020	Ded. B. Pump	MW-15-092220	9.5	4.0	0.88	<0.50	<0.50	<0.50	<0.50	0.074 J	<0.50	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	1.2	

Table 3
Summary of VOC and 1,4-Dioxane Laboratory Analytical Results

Northern Sorrento Valley Property
 General Atomics, San Diego, California



Location	Aquifer Zone	Date Sampled	Collection Method	Sample Identification	Detected Compounds (µg/l)															
					TCE	PCE	1,1-DCE	1,1-DCA	TCFM	Chloroform	c-1,2-DCE	Naphthalene	Bromoform	BDCM	DBCM	1,4-Dioxane				
TW-3	Shallow	7/22/2019	Ded. B. Pump	TW-3-072219	<0.50	<0.50	<0.50	1.1	2.4	3.1	<0.50	<1.0	11	2.4	3.6	<1.0				
TW-3	Shallow	8/20/2019	Ded. B. Pump	TW-3-082019	<0.50	<0.50	<0.50	2.0	4.1	3.2	<0.50	<1.0	0.50	1.8	1.9	<1.0				
TW-3	Shallow	9/17/2019	Ded. B. Pump	TW-3-091719	<0.50	<0.50	<0.50	3.7	6.0	4.5	<0.50	<1.0	<1.0	1.2	1.0	<1.0				
TW-3	Shallow	10/22/2019	Ded. B. Pump	TW-3-102219	<0.50	<0.50	<0.50	2.7	3.7	3.5	<0.50	<1.0	<1.0	1.0	0.84	<0.19				
TW-3	Shallow	11/19/2019	Ded. B. Pump	TW-3-111919	<0.50	<0.50	<0.50	4.1	11	5.5	<0.50	<1.0	<1.0	1.2	1.0	<0.20				
TW-3	Shallow	12/18/2019	Ded. B. Pump	TW-3-121819	<0.50	<0.50	<0.50	<0.50	8.3	4.8	<0.50	<1.0	<1.0	<0.50	<0.50	<1.0				
TW-3*	Shallow	1/21/2020	Ded. B. Pump	TW-3-012120	<0.50	<0.50	<0.50	3.1	0.45	4.3	<0.50	<1.0	0.43	1.8	1.8	<1.0				
TW-3*	Shallow	2/24/2020	Ded. B. Pump	TW-3-022420	<0.50	<0.50	<0.50	3.9	0.53	4.5	<0.50	<1.0	0.79	1.4	1.5	<1.0				
TW-3*	Shallow	3/24/2020	Ded. B. Pump	TW-3-032420	<0.50	<0.50	<0.50	3.2	0.41	3.8	<0.50	<1.0	<1.0	1.2	1.3	<1.0				
TW-3*	Shallow	6/23/2020	Ded. B. Pump	TW-3-062320	<0.50	<0.50	<0.50	5.9	29	5.4	<0.50	<1.0	<1.0	0.96	0.51	0.11				
TW-3*	Shallow	9/24/2020	Ded. B. Pump	TW-3-092420	<0.50	<0.50	<0.50	7.2	22	6.5	<0.50	<1.0	<0.50	0.58	0.59	<0.50				
TW-3*	Shallow	12/23/2020	Ded. B. Pump	TW-3-122320	<0.50	<0.50	<0.50	8.6	40	8.0	<0.50	<1.0	<0.50	<0.50	<0.50	3.7				
TW-3*	Shallow	3/16/2021	Ded. B. Pump	TW-3-031621	<2.0	<2.0	<2.0	2.6	9.5	6.7	<2.0	<4.0	<2.0	4.0	4.4	<0.50				
P-1	Shallow	12/30/2020	Ded. B. Pump	P-1-123020	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	1.7				
P-2	Shallow	12/30/2020	Ded. B. Pump	P-2-123020	0.30	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	6.3				
P-3	Shallow	12/30/2020	Ded. B. Pump	P-3-123020	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	2.1				
P-111	Shallow	4/15/2019	Ded. B. Pump	P-111-041519	100	46	5.6	0.42	3.4	3.7	<2.0	<2.0	0.60	<2.0	<2.0	6.1				
P-111	Shallow	5/14/2019	Ded. B. Pump	P-111-051419	130	32	3.8	<1.0	3.7	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	6.6				
P-111	Shallow	6/11/2019	Ded. B. Pump	P-111-061119	94	37	4.9	0.37	2.3	2.3	<0.50	<1.0	0.60	<0.50	<0.50	4.9				
P-111	Shallow	7/22/2019	Ded. B. Pump	P-111-072219	120	44	5.3	<1.3	2.5	<1.3	<1.3	<2.5	<2.5	<1.3	<2.5	4.6				
P-111	Shallow	8/20/2019	Ded. B. Pump	P-111-082019	44	13	<1.3	<1.3	0.83	<1.3	<1.3	<2.5	<2.5	<1.3	<1.3	NA				
P-111	Shallow	9/16/2019	Ded. B. Pump	P-111-091619	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.7				
P-111	Shallow	9/30/2019	Ded. B. Pump	P-111-093019	150	42	4.4	0.40	2.8	2.8	<0.50	<1.0	<1.0	<0.50	<0.50	3.9				
P-111	Shallow	10/22/2019	Ded. B. Pump	P-111-102219	99	40	2.0	0.36	1.9	<0.50	<0.50	<1.0	0.68	<0.50	<0.50	6.0				
P-111	Shallow	11/19/2019	Ded. B. Pump	P-111-111919	61	29	<0.50	0.26	1.3	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	9.3				
P-111	Shallow	12/17/2019	Ded. B. Pump	P-111-121719	110	47	3.5	0.38	1.5	<0.50	0.54	<1.0	<1.0	<0.50	<0.50	7.9				
P-111	Shallow	1/23/2020	Ded. B. Pump	P-111-012320	110	41	3.1	0.39	1.1	<0.50	0.58	<1.0	<1.0	<0.50	<0.50	6.4				
P-111	Shallow	2/25/2020	Ded. B. Pump	P-111-022520	96	37	1.8	<2.5	<2.5	<2.5	<2.5	<5.0	<5.0	<2.5	<2.5	6.6				
P-111	Shallow	3/30/2020	Ded. B. Pump	P-111-033020	110	37	2.7	0.54	<1.0	0.67	<2.0	<2.0	0.67	<1.0	<1.0	6.9				
P-111	Shallow	6/24/2020	Ded. B. Pump	P-111-062420	130	43	3.9	0.33	3.7	0.27	<2.0	<1.0	<1.0	<0.50	<0.50	7.9				
P-111	Shallow	9/23/2020	Ded. B. Pump	P-111-092320	130	46	4.8	0.45	3.0	0.30	0.56	<1.0	<0.50	<0.50	<0.50	1.3				
P-111	Shallow	12/28/2020	Ded. B. Pump	P-111-122820	130	50	5.7	0.45	3.4	<0.50	0.98	<1.0	<0.50	<0.50	<0.50	8.9				
P-111	Shallow	1/18/2021	Ded. B. Pump	P-111-011821	120	50	5.3	<2.0	3.1	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	11				
P-111	Shallow	2/16/2021	Ded. B. Pump	P-111-021621	120	46	5.0	<2.0	3.2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	13				
P-111	Shallow	3/17/2021	Ded. B. Pump	P-111-031821	120	59	6.3	<2.0	3.8	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	14				
P-112	Shallow	6/13/2019	Ded. B. Pump	P-112-061319	370	23	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	<5.0	<2.5	<2.5	NA				
P-112	Shallow	12/18/2019	Ded. B. Pump	P-112-121819	320	25	2.0	<2.0	2.3	<2.0	<2.0	<4.0	<4.0	<2.0	<2.0	7.2				
P-112	Shallow	3/30/2020	Ded. B. Pump	P-112-033020	310	23	1.9	<2.5	2.5	<2.5	<2.5	<5.0	<5.0	<2.5	<2.5	6.5				
P-112	Shallow	6/23/2020	Ded. B. Pump	P-112-062320	350	29	2.9	<2.5	1.9	1.9	<2.5	<5.0	<5.0	2.8	<2.5	6.8				
P-112	Shallow	9/24/2020	Ded. B. Pump	P-112-092420	450	45	7.5	0.61	4.8	0.72	2.7	<1.0	<0.50	<0.50	<0.50	11				
P-112	Shallow	12/28/2020	Ded. B. Pump	P-112-122820	500	47	5.1	0.46	4.1	0.64	1.8	<1.0	<0.50	<0.50	<0.50	12				
P-112	Shallow	1/18/2021	Ded. B. Pump	P-112-011821	450	65	6.1	<5.0	5.4	<5.0	3.0	<1.0	<1.0	<5.0	<5.0	13				
P-112	Shallow	2/15/2021	Ded. B. Pump	P-112-021521	500	63	<1.0	<1.0	6.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	11				
P-112	Shallow	3/18/2021	Ded. B. Pump	P-112-031821	420	59	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	14				
P-113	Shallow	6/13/2019	Ded. B. Pump	P-113-061319	340	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	<5.0	<2.5	<2.5	NA				
P-113	Shallow	8/20/2019	Ded. B. Pump	P-113-082019	330	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<4.0	<2.0	<2.0	NA				
P-113	Shallow	8/30/2019	Ded. B. Pump	P-113-083019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.77				
P-113	Shallow	9/17/2019	Ded. B. Pump	P-113-091719	300	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	<5.0	<2.5	<2.5	0.86				
P-113*	Shallow	9/17/2019	Ded. B. Pump	DDP-091719	320	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	<5.0	<2.5	<2.5	1.2				
P-113	Shallow	10/21/2019	Ded. B. Pump	P-113-102119	410	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	<5.0	<2.5	<2.5	0.82				

Table 3
Summary of VOC and 1,4-Dioxane Laboratory Analytical Results

Northern Sorrento Valley Property
 General Atomics, San Diego, California

Location	Aquifer Zone	Date Sampled	Collection Method	Sample Identification	Detected Compounds (ug/l)															
					TCE	PCE	1,1-DCE	1,1-DCA	TFM	Chloroform	c-1,2-DCE	Naphthalene	Bromoform	BDCM	DRCM	1,4-Dioxane				
P-113	Shallow	11/19/2019	Ded. B. Pump	P-113-111919	360	0.78	<0.50	<0.50	<0.50	<0.50	0.68	4.3	<1.0	<1.0	<0.50	<0.50	<0.50	1.2		
P-113	Shallow	12/16/2019	Ded. B. Pump	P-113-121619	300	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<5.0	1.0		
P-113	Shallow	1/23/2020	Ded. B. Pump	P-113-012320	320	<2.5	<2.5	<2.5	<2.5	<2.5	4.2	4.2	<5.0	<5.0	<2.5	<2.5	<2.5	0.90		
P-113	Shallow	2/25/2020	Ded. B. Pump	P-113-022520	370	<5.0	<5.0	<5.0	<5.0	<5.0	5.2	5.2	<10	<10	<5.0	<5.0	<5.0	0.75		
P-113	Shallow	3/30/2020	Ded. B. Pump	P-113-033020	360	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	4.9	<5.0	<5.0	<2.5	<2.5	<2.5	0.96		
P-113	Shallow	6/23/2020	Ded. B. Pump	P-113-062320	240	<2.5	<2.5	<2.5	<2.5	<2.5	2.41	2.41	<5.0	<5.0	<2.5	<2.5	<2.5	1.1		
P-113	Shallow	9/24/2020	Ded. B. Pump	P-113-092420	230	0.56	0.331	<0.50	<0.50	<0.50	0.451	3.0	<1.0	<1.0	<0.50	<0.50	<0.50	3.1		
P-113	Shallow	12/29/2020	Ded. B. Pump	P-113-122920	170	0.53	0.391	<0.50	<0.50	<0.50	0.291	3.1	<1.0	<1.0	<0.50	<0.50	<0.50	4.3		
P-113**	Shallow	12/29/2020	Ded. B. Pump	DUP-5-122920	180	0.421	0.391	<0.50	<0.50	<0.50	0.301	3.1	<1.0	<1.0	<0.50	<0.50	<0.50	3.5		
P-113	Shallow	1/18/2021	Ded. B. Pump	P-113-011821	180	<2.0	<2.0	<2.0	<2.0	<2.0	3.4	3.4	<4.0	<4.0	<2.0	<2.0	<2.0	5.9		
P-113	Shallow	2/15/2021	Ded. B. Pump	P-113-021521	210	<2.0	<2.0	<2.0	<2.0	<2.0	4.6	4.6	<2.0	<2.0	<2.0	<2.0	<2.0	4.7		
P-113	Shallow	3/18/2021	Ded. B. Pump	P-113-031821	220	<4.0	<4.0	<4.0	<4.0	<4.0	4.8	4.8	<8.0	<8.0	<4.0	<4.0	<4.0	4.1		
P-114	Shallow	6/13/2019	Ded. B. Pump	P-114-061319	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50	NA		
P-114	Shallow	12/17/2019	Ded. B. Pump	P-114-121719	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50	6.2		
P-114	Shallow	3/30/2020	Ded. B. Pump	P-114-033020	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50	5.1		
P-114	Shallow	6/23/2020	Ded. B. Pump	P-114-062320	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50	5.2		
P-114	Shallow	9/23/2020	Ded. B. Pump	P-114-092320	<0.50	<0.50	<0.50	0.0701	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50	1.1		
P-114	Shallow	12/29/2020	Ded. B. Pump	P-114-122920	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50	7.8		
P-114	Shallow	1/18/2021	Ded. B. Pump	P-114-011821	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50	8.4		
P-114	Shallow	2/15/2021	Ded. B. Pump	P-114-021521	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50	9.2		
P-114	Shallow	3/18/2021	Ded. B. Pump	P-114-031821	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50	7.0		
SVE-1	Shallow	4/17/2019	Non-Ded. B. Pump	SVE-1-041719	7.00	1.300	1.901	25.1	140.1	<200	62.1	<500	<500	<1000	<1000	<200	<200	110.1		
SVE-1**	Shallow	4/17/2019	Non-Ded. B. Pump	MMW-101-041719	7.800	1.400	200.1	<400	160.1	<400	64.1	<1000	<1000	<1000	<1000	<400	<400	78		
SVE-1	Shallow	5/16/2019	Non-Ded. B. Pump	SVE-1-051619	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<100	<100	<5.0	<5.0	<5.0	<10		
SVE-1	Shallow	6/10/2019	Non-Ded. B. Pump	SVE-1-061019	<0.50	<0.50	<0.50	0.811	3.71	5.11	5.12	<1.0	<1.0	<1.0	2.81	7.21	8.31	<10		
SVE-1**	Shallow	6/10/2019	Non-Ded. B. Pump	MMW-101-061019	<0.50	<0.50	<0.50	0.72	3.3	5.2	<0.50	<0.50	<1.0	<1.0	3.2	7.6	8.6	<10		
SVE-1	Shallow	7/22/2019	Non-Ded. B. Pump	SVE-1-072219	<0.50	<0.50	<0.50	<0.50	<0.50	0.401	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	0.521	<10		
SVE-1	Shallow	8/20/2019	Non-Ded. B. Pump	SVE-1-082019	<0.50	<0.50	<0.50	<0.50	0.281	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50	<10		
SVE-1	Shallow	9/17/2019	Non-Ded. B. Pump	SVE-1-091719	<0.50	<0.50	<0.50	0.76	3.4	3.3	<0.50	<0.50	<1.0	<1.0	1.4	4.1	4.9	<0.19		
SVE-1	Shallow	10/22/2019	Non-Ded. B. Pump	SVE-1-102219	<0.50	<0.50	<0.50	1.5	6.4	4.0	<0.50	<0.50	<1.0	<1.0	1.2	4.1	4.5	0.151		
SVE-1	Shallow	11/19/2019	Non-Ded. B. Pump	SVE-1-111919	<0.50	<0.50	<0.50	6.0	19	7.5	<0.50	<0.50	<1.0	<1.0	1.1	1.6	1.6	0.121		
SVE-1	Shallow	12/18/2019	Non-Ded. B. Pump	SVE-1-121819	<5.0	<5.0	<5.0	7.5	24	8.6	<5.0	<5.0	<10	<10	<5.0	<5.0	<10	<10		
SVE-1*	Shallow	1/24/2020	Non-Ded. B. Pump	SVE-1-012420	<0.501	<0.501	<0.501	10.1	18.1	9.91	<0.501	<1.01	<1.01	<1.01	<1.01	1.11	0.901	<10.1		
SVE-1*	Shallow	2/24/2020	Non-Ded. B. Pump	SVE-1-022420	<5.0	<5.0	<5.0	6.4	<5.0	6.3	<5.0	<10	<10	<10	<10	<5.0	<5.0	1.1		
SVE-1*	Shallow	3/24/2020	Non-Ded. B. Pump	SVE-1-032420	<5.0	<5.0	<5.0	9.0	<5.0	8.5	<5.0	<10	<10	<10	<10	<5.0	<5.0	1.6		
SVE-1*	Shallow	6/23/2020	Non-Ded. B. Pump	SVE-1-062320	<0.50	<0.50	<0.50	14	50	11	<0.50	<0.50	<1.0	<1.0	<1.0	0.83	0.50	2.1		
SVE-1*	Shallow	9/24/2020	Non-Ded. B. Pump	SVE-1-092420	<5.0	<5.0	<5.0	<5.0	19.1	8.31	<5.0	<5.0	<100	<100	<5.0	<5.0	<0.50	<0.50		
SVE-1*	Shallow	12/22/2020	Non-Ded. B. Pump	SVE-1-122220	<1.0	<1.0	<1.0	12	36	13	<1.0	<1.0	<2.0	<2.0	<1.0	0.601	<1.0	<0.50		
SVE-1*	Shallow	3/16/2021	Non-Ded. B. Pump	SVE-1-031621	<4.0	<4.0	<4.0	4.9	14	6.1	<4.0	<4.0	<8.0	<8.0	<4.0	<4.0	<4.0	2.9		
SVE-2	Shallow	6/12/2019	Non-Ded. B. Pump	SVE-2-061219	14.000	300	<250	<250	<250	<250	<250	<250	<500	<500	<500	<250	<250	48		
SVE-2	Shallow	12/18/2019	Non-Ded. B. Pump	SVE-2-121819	<0.50	<0.50	<0.50	8.2	86	40	<0.50	<0.50	<1.0	<1.0	<1.0	0.301	<0.50	2.9		
SVE-2*	Shallow	3/24/2020	Non-Ded. B. Pump	SVE-2-032420	<2.5	<2.5	<2.5	9.4	2.9	30	<2.5	<2.5	<5.0	<5.0	<2.5	<2.5	<2.5	7.4		
SVE-2*	Shallow	6/23/2020	Non-Ded. B. Pump	SVE-2-062320	<0.50	<0.50	<0.50	4.9	38	17	<0.50	<0.50	<1.0	<1.0	<1.0	0.050	<0.50	3.9		
SVE-2*	Shallow	9/24/2020	Non-Ded. B. Pump	SVE-2-092420	1.2	5.6	<0.50	5.5	25	21	<0.50	<0.50	<1.0	<1.0	<0.50	0.0891	<0.50	1.4		
SVE-2*	Shallow	12/22/2020	Non-Ded. B. Pump	SVE-2-122220	1.200	1.30	6.5	6.1	59	27	1.3	<2.0	<2.0	<2.0	<1.0	<1.0	<1.0	2.0		
SVE-2*	Shallow	3/16/2021	Non-Ded. B. Pump	SVE-2-031621	<5.0	<5.0	<5.0	4.81	29	28	<5.0	<5.0	<10	<10	<5.0	<5.0	<5.0	2.6		
SVE-3	Shallow	12/18/2019	Non-Ded. B. Pump	SVE-3-121819	<0.50	<0.50	<0.50	0.75	38	8.1	<0.50	<0.50	<1.0	<1.0	<1.0	0.301	0.351	<0.20		
SVE-3*	Shallow	3/24/2020	Non-Ded. B. Pump	SVE-3-032420	<2.5	<2.5	<2.5	<2.5	<2.5	2.21	<2.5	<2.5	<5.0	<5.0	<2.5	<2.5	<2.5	0.40		
SVE-3*	Shallow	6/23/2020	Non-Ded. B. Pump	SVE-3-062320	<0.50	<0.50	<0.50	3.7	37	1.2	<0.50	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	0.67		
SVE-3*	Shallow	9/24/2020	Non-Ded. B. Pump	SVE-3-092420	20	16	<0.50	0.59	67	2.8	<0.50	<0.50	<1.0	<1.0	<0.50	0.0871	<0.50	2.0		
SVE-3*	Shallow	12/22/2020	Non-Ded. B. Pump	SVE-3-122220	4.80	14	0.94	0.991	35	3.1	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50	1.8		
SVE-3*	Shallow	3/16/2021	Non-Ded. B. Pump	SVE-3-031621	<0.50	<0.50	<0.50	<0.50	3.3	1.5	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50	<0.50		

Table 3
Summary of VOC and 1,4-Dioxane Laboratory Analytical Results

Northern Sorrento Valley Property
 General Atomics, San Diego, California

Location	Aquifer Zone	Date Sampled	Collection Method	Sample Identification	Detected Compounds (µg/l)												
					TCE	PCE	1,1-DCE	1,1-DCA	TCFM	Chloroform	c-1,2-DCE	Naphthalene	Bromoform	BDCM	DBCM	1,4-Dioxane	
IW-48	Shallow	12/19/2019	Non-Ded. B. Pump	IW-48-121919	420	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	15	<5.0	<5.0	<2.5	<2.5	<0.19
IW-48	Shallow	1/23/2020	Non-Ded. B. Pump	IW-48-012320	300	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	8.5	<5.0	<5.0	<2.5	<2.5	<0.19
IW-48	Shallow	2/25/2020	Non-Ded. B. Pump	IW-48-022520	350	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	11	<5.0	<5.0	<2.5	<2.5	<0.20
IW-49	Shallow	12/19/2019	Non-Ded. B. Pump	IW-49-121919	390	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	9.9	<5.0	<5.0	<2.5	1.51	<0.19
IW-49	Shallow	1/23/2020	Non-Ded. B. Pump	IW-49-012320	140	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.1	<2.0	<2.0	<1.0	1.0	<0.19
IW-49	Shallow	2/25/2020	Non-Ded. B. Pump	IW-49-022520	310	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	9.7	<5.0	<5.0	<2.5	<2.5	<0.19
IW-50	Shallow	12/19/2019	Non-Ded. B. Pump	IW-50-121919	430	8.3	<2.5	<2.5	<2.5	<2.5	<2.5	6.0	<5.0	<5.0	<2.5	<2.5	5.4
IW-50	Shallow	1/23/2020	Non-Ded. B. Pump	IW-50-012320	170	3.9	<1.0	<1.0	<1.0	<1.0	<1.0	4.0	<2.0	<2.0	<1.0	<1.0	4.9
IW-50	Shallow	2/25/2020	Non-Ded. B. Pump	IW-50-022520	150	3.5	<2.5	<2.5	<2.5	<2.5	<2.5	4.7	<5.0	<5.0	<2.5	<2.5	4.4

Abbreviations:

- TCE - trichloroethene
- PCE - tetrachloroethene
- 1,1-DCE - 1,1-dichloroethene
- 1,1-DCA - 1,1-dichloroethane
- TCFM - trichlorofluoromethane (Freon 11)
- c-1,2-DCE - cis-1,2-dichloroethene
- BDCM - bromodichloromethane
- DBCM - dibromochloromethane
- µg/L - micrograms per liter

Notes:

All samples analyzed by Eurofins TestAmerica in Irvine, CA
 Analyses by 82608 for standard VOC analysis and 8270D SIM for 1,4-dioxane.
 Results for grab samples, samples from decommissioned well, and samples collected before installation of dedicated bladder pumps are compiled in previous annual groundwater monitoring reports.
 Dashes (-) indicate analysis was not conducted or analysis was not possible to do high permanganate concentration.
 * Indicates well was not purged due to permanganate; non-purge sample collected
 ** Indicates duplicate sample for the primary sample listed above it.
 *** Indicated sample was re-analyzed

J - The compound was positively identified; however, the associated numerical value is an estimated concentration only.
 < Result is not detected above the listed laboratory reporting limit (RL)
 Ded. B. Pump - Dedicated bladder pump
 Non-Ded. B. Pump - Non-dedicated bladder pump
 A - Instrument related QC outside of acceptance limits
 NA - Constituent not analyzed
 R - Data results are rejected due to significant laboratory quality control (QC) issues as indicated in the data validation reports.

Table 4
Sodium Permanganate Concentrations in Groundwater
 Areas I, II and III
 General Atomics, San Diego, CA

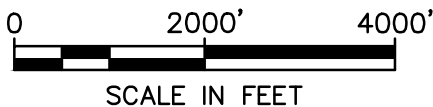
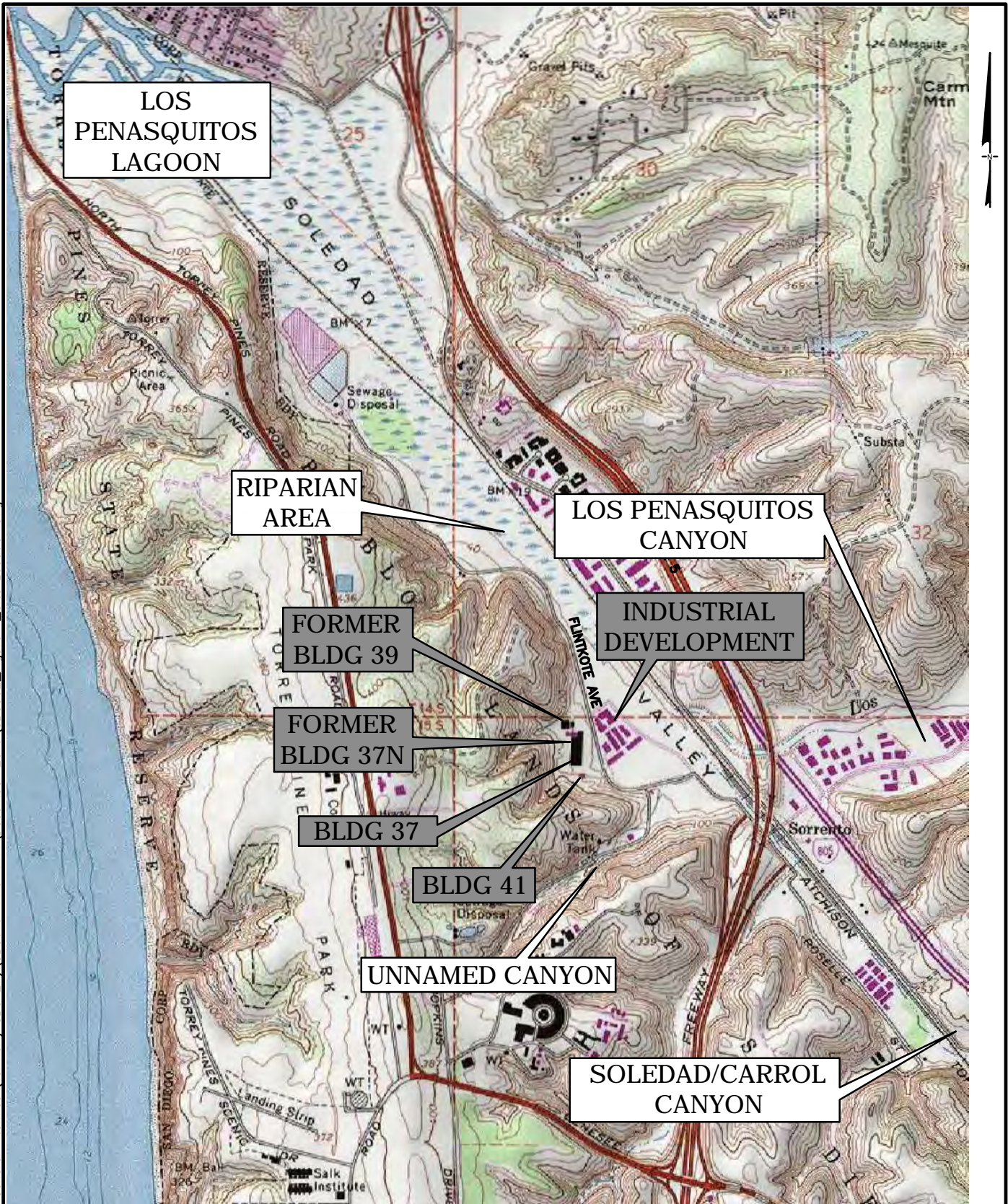
Well ID	Date Analyzed	NaMnO4 (mg/L)	Color (in VOA)
GECC-401	1/4/2021	1,600	black
	3/19/2021	360	dark purple
GECC-901	1/4/2021	<2	colorless
	1/22/2021	<2	colorless
	2/17/2021	<2	colorless
	3/19/2021	<2	colorless
GECC-902	1/4/2021	<2	colorless
	1/22/2021	<2	colorless
	2/17/2021	<2	colorless
	3/19/2021	<2	colorless
GECC-905	1/4/2021	<2	colorless
	1/22/2021	<2	colorless
	2/17/2021	<2	colorless
	3/19/2021	<2	colorless
MW-1	1/4/2021	16	pink
	3/19/2021	1,200	black
MW-3	1/4/2021	4,100	black
	3/19/2021	22,000	black
MW-7	1/4/2021	4,300	black
	3/19/2021	8 J	pink
MW-8	1/4/2021	<2	colorless
	3/19/2021	<2	colorless
MW-9	1/4/2021	<2	colorless
	1/22/2021	<2	colorless
	2/17/2021	<2	colorless
	3/19/2021	<2	colorless
MW-10	3/19/2021	<2	colorless
MW-10D	3/19/2021	<2	colorless
MW-16I	1/4/2021	<2	colorless
MW-17	1/4/2021	<2	colorless
	1/22/2021	<2	colorless
	2/17/2021	<2	colorless
	3/19/2021	<2	colorless
MW-18D	1/4/2021	<2	pale yellow
MW-19S	1/4/2021	<2	colorless
MW-19D	1/4/2021	<2	pale yellow
MW-20S	1/4/2021	<2	colorless
MW-22D	1/4/2021	<2	pale yellow
MW-23	3/19/2021	<2	colorless
MW-30S	1/4/2021	<2	colorless
MW-32S	1/4/2021	<2	colorless
MW-33	1/4/2021	<2	colorless
	1/22/2021	<2	colorless
	2/17/2021	<2	colorless
	3/19/2021	<2	colorless
MW-34	1/4/2021	19	pink
	3/19/2021	4,600	pink
MW-35	1/4/2021	<2	colorless
	3/19/2021	1,500	black
MW-36	1/4/2021	50	pink
	3/19/2021	390	purple
P-1	1/4/2021	<2	pale yellow
P-2	1/4/2021	<2	pale yellow

Table 4
Sodium Permanganate Concentrations in Groundwater
 Areas I, II and III
 General Atomics, San Diego, CA

Well ID	Date Analyzed	NaMnO4 (mg/L)	Color (in VOA)
P-3	1/4/2021	<2	colorless
P-111	1/4/2021	<2	colorless
	1/22/2021	<2	colorless
	2/17/2021	<2	colorless
	3/19/2021	<2	colorless
P-112	1/4/2021	<2	colorless
	1/22/2021	<2	colorless
	2/17/2021	<2	colorless
	3/19/2021	<2	colorless
P-113	1/4/2021	<2	colorless
	1/22/2021	<2	colorless
	2/17/2021	<2	colorless
	3/19/2021	<2	colorless
P-114	1/4/2021	<2	colorless
	1/22/2021	<2	colorless
	2/17/2021	<2	colorless
	3/19/2021	<2	colorless
SVE-1	1/4/2021	2,300	black
	3/19/2021	5,900	black
SVE-2	1/4/2021	<2	colorless
	3/19/2021	6,200	black
SVE-3	1/4/2021	<2	colorless
	3/19/2021	1,900	black
SVE-4	1/4/2021	9,000	black
	3/19/2021	15,000	black
SVE-5	1/4/2021	890	very dark purple
	3/19/2021	6,600	black
SVE-6	1/4/2021	10,000	black
	3/19/2021	8,000	black
SVE-7	1/4/2021	850	black
	3/19/2021	5,400	black
SVE-8	1/4/2021	490	very dark purple
	3/19/2021	6,000	black
SVE-9	1/4/2021	150	purple
	3/19/2021	7,600	black
SVE-10	1/4/2021	21	pink
	3/19/2021	2,600	black
SVE-11	1/4/2021	<2	colorless
	3/19/2021	2,800	black
SVE-12	1/4/2021	5,000	Black
	3/19/2021	6,600	Black
SVE-13	1/4/2021	370	Purple
	3/19/2021	4,100	black
SVE-14	1/4/2021	<2	colorless
	3/19/2021	4,300	black
SVE-15	1/4/2021	2,300	black
	3/19/2021	4,500	black
SVE-16	1/4/2021	630	very dark purple
	3/19/2021	4,900	black
TW-3	1/4/2021	4,200	black
	3/19/2021	3,100	black

J - estimated value

Figures



SCALE IN FEET

PROPERTY LOCATION MAP
 NORTHERN SORRENTO VALLEY PROPERTY, GENERAL ATOMICS
 SAN DIEGO, CALIFORNIA



DATE: April 2021

PROJECT NO. SB0616

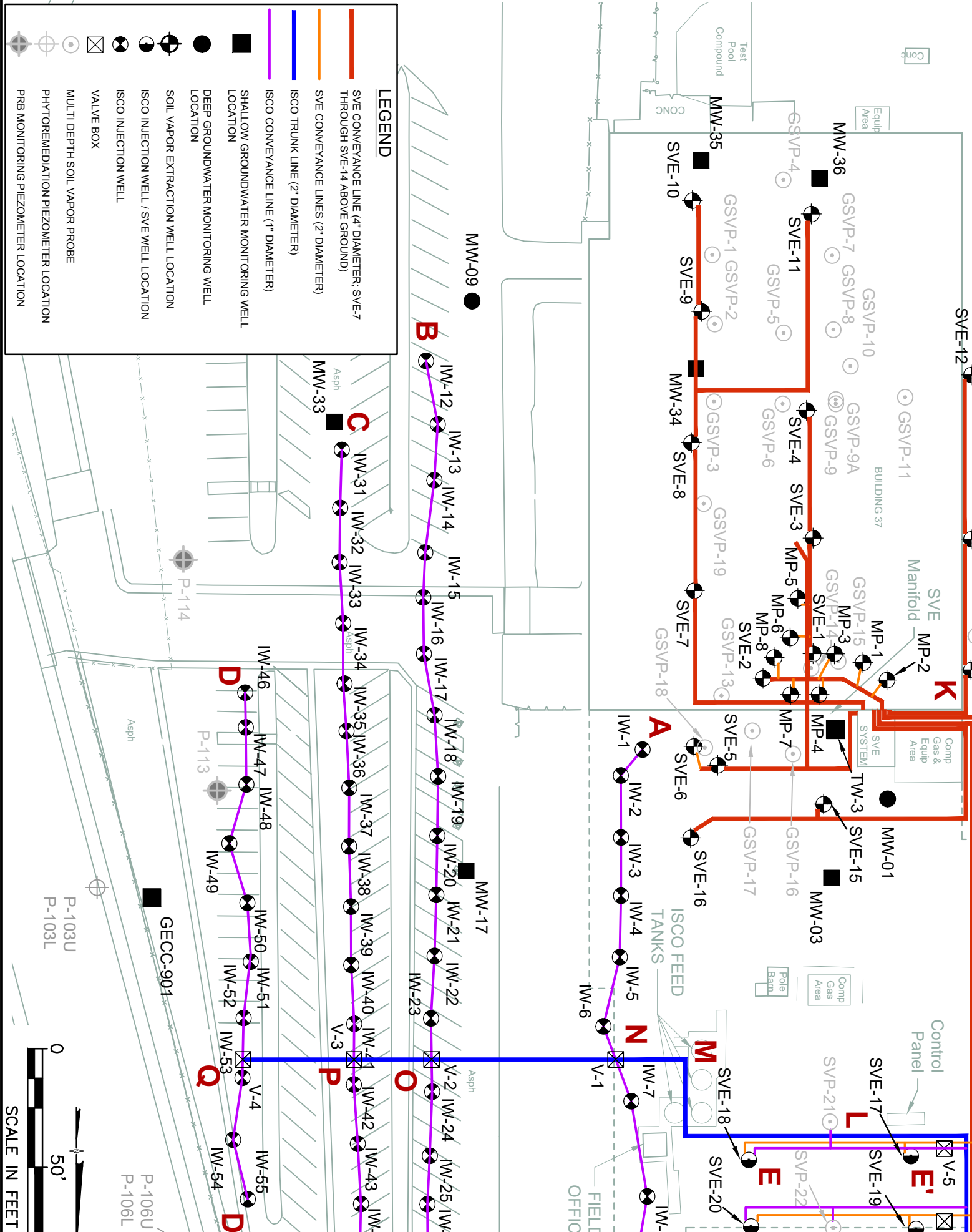
FIGURE

1



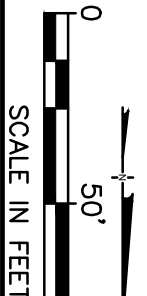
- LEGEND**
- SHALLOW GROUNDWATER MONITORING WELL LOCATION
 - DEEP GROUNDWATER MONITORING WELL LOCATION
 - ⊕ PIEZOMETER LOCATION
 - ⊙ ISCO INJECTION WELL
 - ⊖ ISCO INJECTION WELL / SVE WELL LOCATION

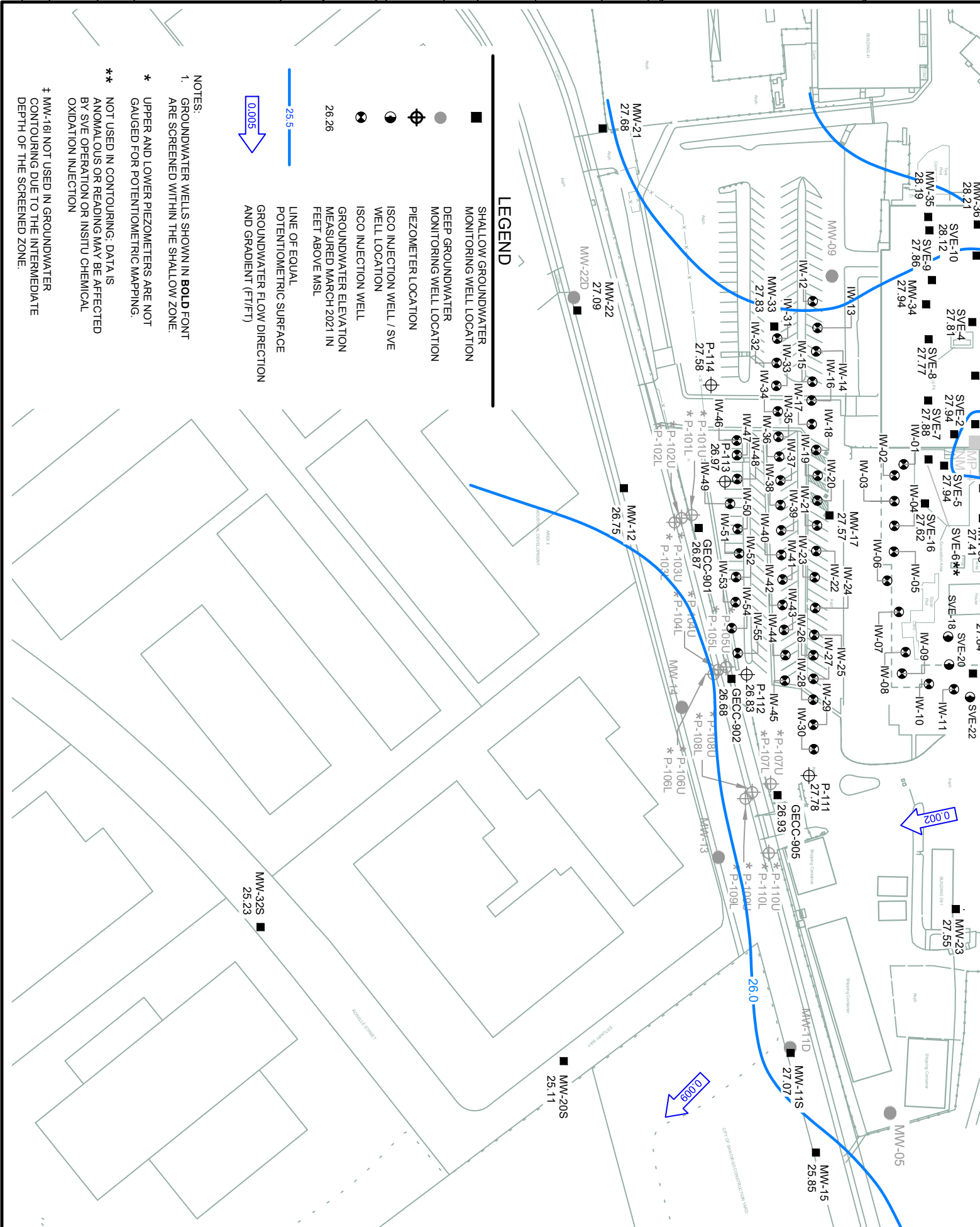




LEGEND

- SVE CONVEYANCE LINE (1/4" DIAMETER; SVE-7 THROUGH SVE-14 ABOVE GROUND)
- SVE CONVEYANCE LINES (2" DIAMETER)
- ISCO TRUNK LINE (2" DIAMETER)
- ISCO CONVEYANCE LINE (1" DIAMETER)
- SHALLOW GROUNDWATER MONITORING WELL LOCATION
- DEEP GROUNDWATER MONITORING WELL LOCATION
- ⊙ SOIL VAPOR EXTRACTION WELL LOCATION
- ⊗ ISCO INJECTION WELL / SVE WELL LOCATION
- ⊘ ISCO INJECTION WELL
- ⊠ VALVE BOX
- ⊕ MULTI DEPTH SOIL VAPOR PROBE
- ⊖ PHYTOREMEDIATION PIEZOMETER LOCATION
- ⊗ PRB MONITORING PIEZOMETER LOCATION



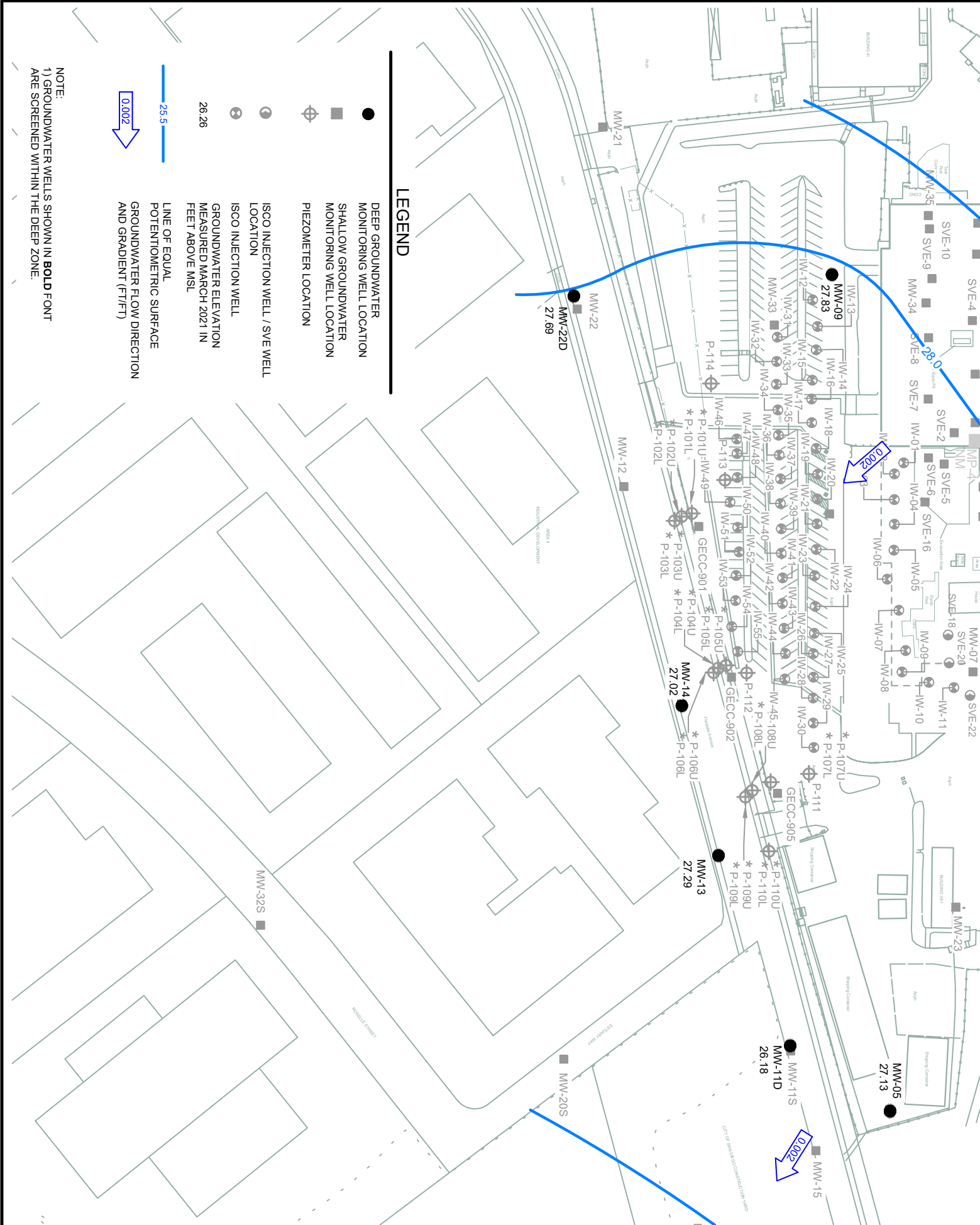


LEGEND

- SHALLOW GROUNDWATER MONITORING WELL LOCATION
- DEEP GROUNDWATER MONITORING WELL LOCATION
- ⊕ PIEZOMETER LOCATION
- ⊙ ISCO INJECTION WELL / SVE WELL LOCATION
- ⊗ ISCO INJECTION WELL
- 26.26 GROUNDWATER ELEVATION MEASURED MARCH 2021 IN FEET ABOVE MSL
- 25.5 LINE OF EQUAL POTENTIOMETRIC SURFACE
- 0.005 GROUNDWATER FLOW DIRECTION AND GRADIENT (FT/FT)

NOTES:

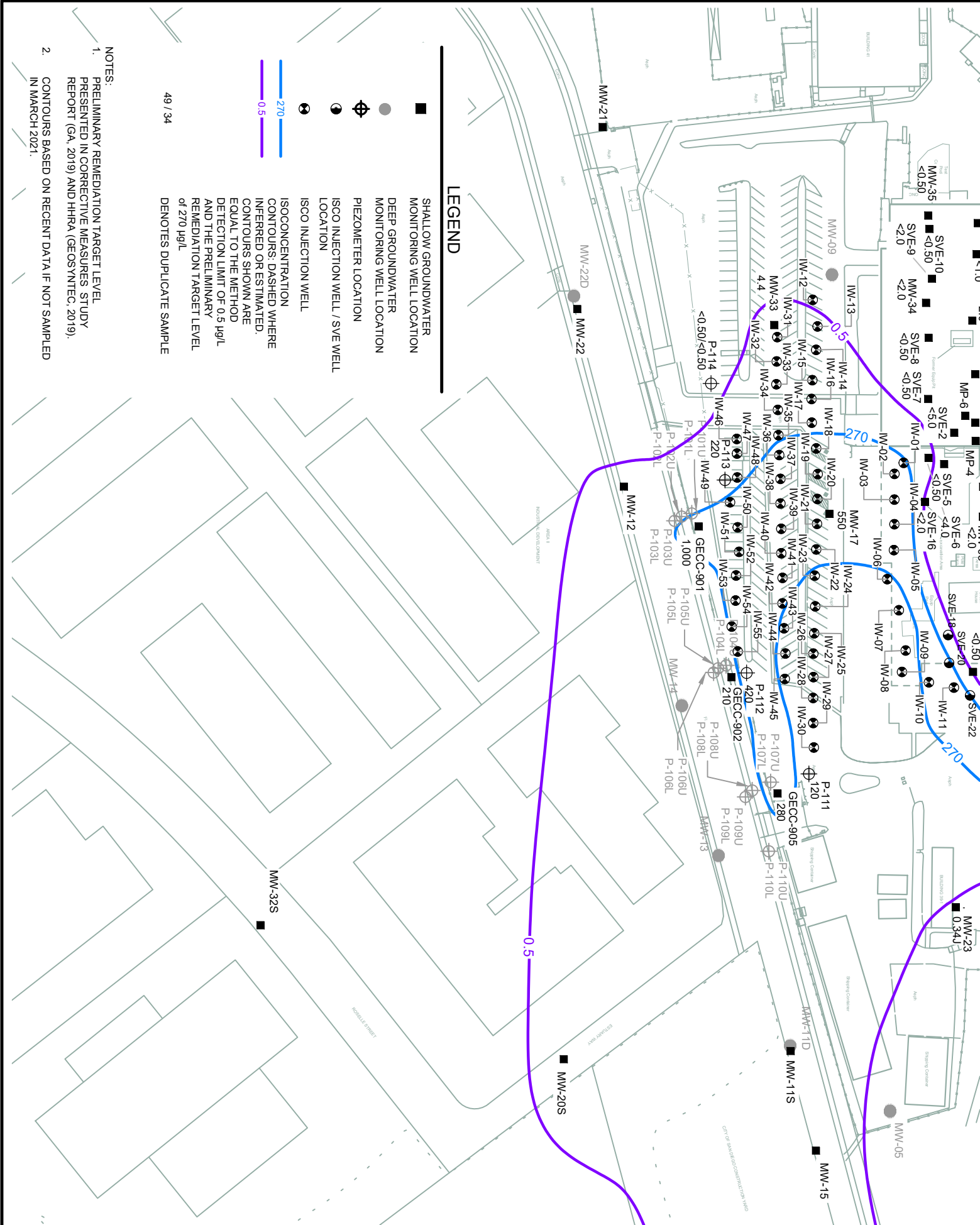
1. GROUNDWATER WELLS SHOWN IN **BOLD FONT** ARE SCREENED WITHIN THE SHALLOW ZONE.
- * UPPER AND LOWER PIEZOMETERS ARE NOT GAUGED FOR POTENTIOMETRIC MAPPING.
- ** NOT USED IN CONTOURING; DATA IS ANOMALOUS OR READING MAY BE AFFECTED BY SVE OPERATION OR INSTITU CHEMICAL OXIDATION INJECTION
- † MW-161 NOT USED IN GROUNDWATER CONTOURING DUE TO THE INTERMEDIATE DEPTH OF THE SCREENED ZONE.



LEGEND

- DEEP GROUNDWATER MONITORING WELL LOCATION
- SHALLOW GROUNDWATER MONITORING WELL LOCATION
- ⊕ PIEZOMETER LOCATION
- ⊙ ISCO INJECTION WELL / SVE WELL LOCATION
- ⊗ ISCO INJECTION WELL
- 26.26 GROUNDWATER ELEVATION MEASURED MARCH 2021 IN FEET ABOVE MSL
- 25.5 LINE OF EQUAL POTENTIOMETRIC SURFACE
- ↔ 0.002 GROUNDWATER FLOW DIRECTION AND GRADIENT (F/T)

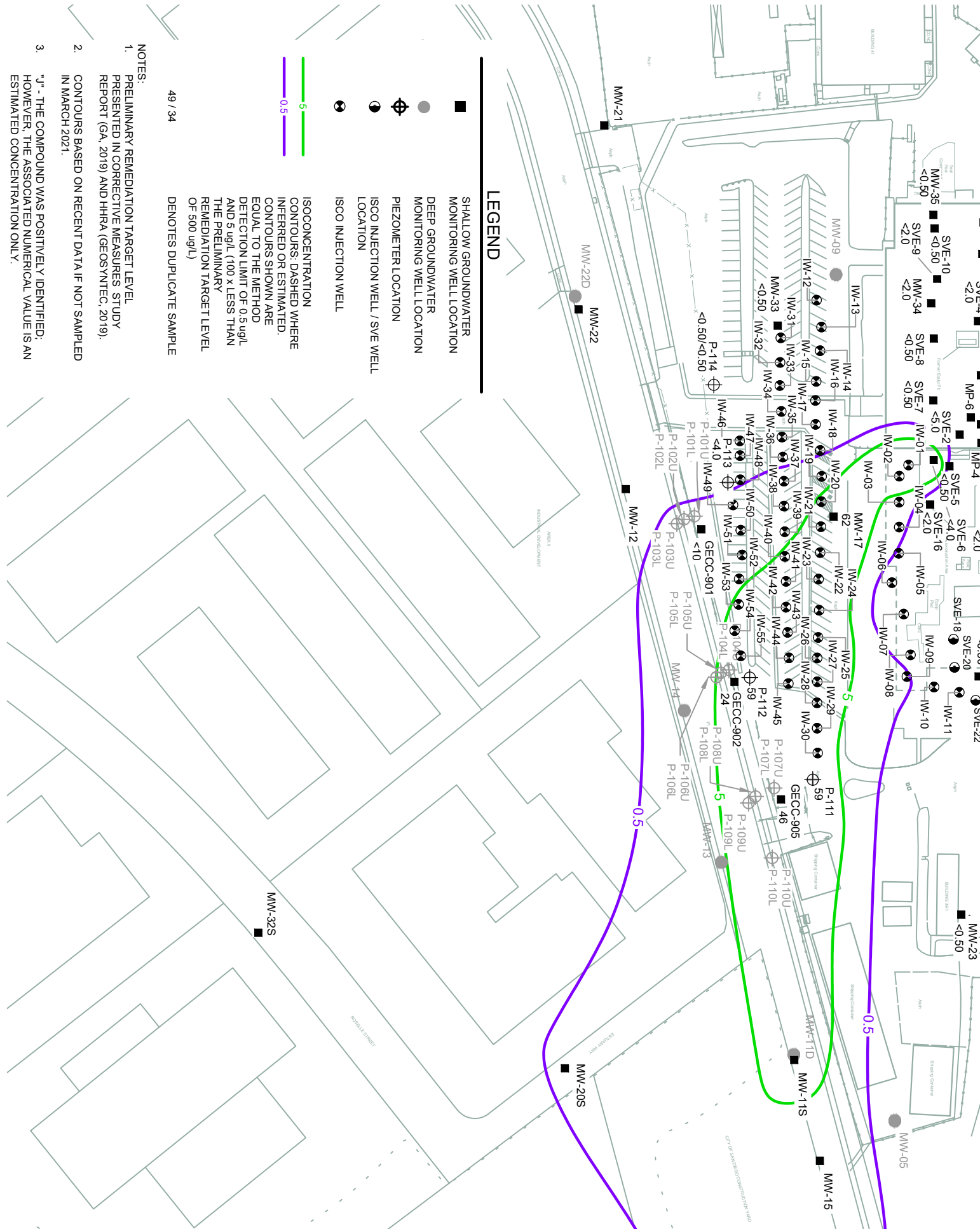
NOTE:
1) GROUNDWATER WELLS SHOWN IN **BOLD FONT** ARE SCREENED WITHIN THE DEEP ZONE.



LEGEND

- SHALLOW GROUNDWATER MONITORING WELL LOCATION
 - DEEP GROUNDWATER MONITORING WELL LOCATION
 - ⊕ PIEZOMETER LOCATION
 - ⊗ ISCO INJECTION WELL / SVE WELL LOCATION
 - ⊙ ISCO INJECTION WELL
 - 270
 - 0.5
- ISOCENTRATION CONTOURS: DASHED WHERE INFERRED OR ESTIMATED. CONTOURS SHOWN ARE EQUAL TO THE METHOD DETECTION LIMIT OF 0.5 µg/L AND THE PRELIMINARY REMEDIATION TARGET LEVEL of 270 µg/L
- 49 / 34

- NOTES:**
1. PRELIMINARY REMEDIATION TARGET LEVEL PRESENTED IN CORRECTIVE MEASURES STUDY REPORT (GA, 2019) AND HHRA (GEOSYNTEC, 2019).
 2. CONTOURS BASED ON RECENT DATA IF NOT SAMPLED IN MARCH 2021.



LEGEND

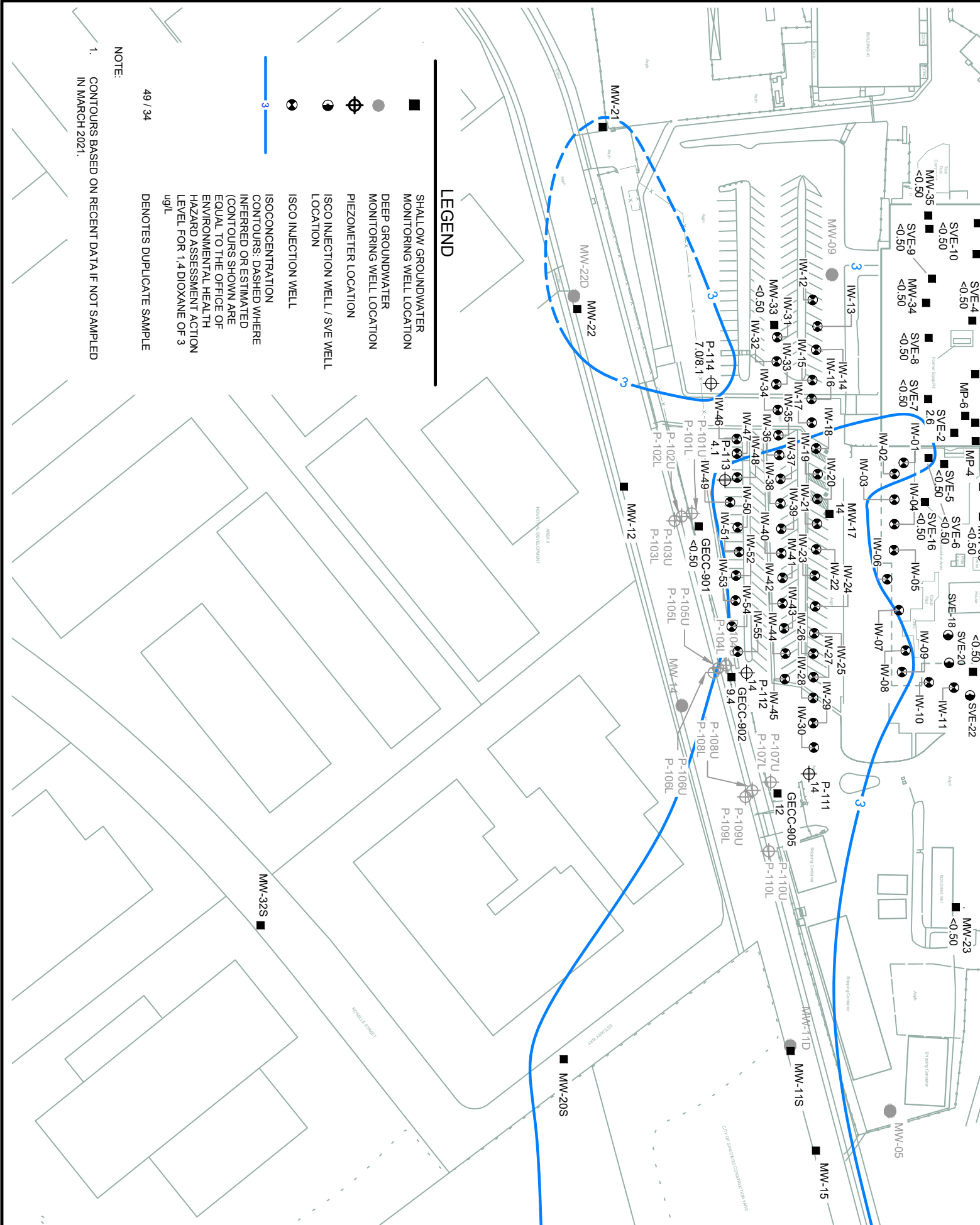
- SHALLOW GROUNDWATER MONITORING WELL LOCATION
- DEEP GROUNDWATER MONITORING WELL LOCATION
- ⊕ PIEZOMETER LOCATION
- ⊕ ISCO INJECTION WELL / SVE WELL LOCATION
- ⊗ ISCO INJECTION WELL

ISOCENTRATION CONTOURS: DASHED WHERE INFERRED OR ESTIMATED. CONTOURS SHOWN ARE EQUAL TO THE METHOD DETECTION LIMIT OF 0.5 ug/L AND 5 ug/L (100 x LESS THAN THE PRELIMINARY REMEDIATION TARGET LEVEL OF 500 ug/L)

49 / 34 DENOTES DUPLICATE SAMPLE

NOTES:

1. PRELIMINARY REMEDIATION TARGET LEVEL PRESENTED IN CORRECTIVE MEASURES STUDY REPORT (GA, 2019) AND HHRA (GEOSYNTEC, 2019).
2. CONTOURS BASED ON RECENT DATA IF NOT SAMPLED IN MARCH 2021.
3. *J* - THE COMPOUND WAS POSITIVELY IDENTIFIED. HOWEVER, THE ASSOCIATED NUMERICAL VALUE IS AN ESTIMATED CONCENTRATION ONLY.



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Uqf kwo 'Rgto cpi cpcvg"
Kplgevkqp'Uwo o ct {

Attachment A
Sodium Permanganate Injection Summary
Northern Sorrento Valley Property
San Diego, California



ISCO Pilot Study Injection Quantities (gallons) - April 2019 through February 2020					
No:	Injection Wells	Phase 1 (4/19/2019 - 5/4/2019)	Phase 2 (7/4/2019 - 9/2/2019)	Phase 3 (12/29/2019 - 2/4/2020)	TOTAL - (Phases 1, 2 and 3)
1	MW-3	1750	900	0	2650
2	MW-7	1950	900	0	2850
3	TW-3	2250	650	250	3150
4	SVE-1	2700	650	0	3350
5	SVE-4	1750	650	0	2400
6	GECC-401	2100	650	0	2750
7	SVE-5	0	500	1000	1500
8	SVE-6	0	1000	1000	2000
9	MW-1	0	900	250	1150
10	SVE-13	0	650	0	650
11	SVE-14	0	650	0	650
12	SVE-15	0	900	0	900
13	SVE-16	0	1000	250	1250
14	IW-1	0	0	3000	3000
15	IW-2	0	0	2750	2750
16	IW-3	0	0	2250	2250
17	IW-4	0	0	2250	2250
18	IW-5	0	0	1750	1750
19	IW-6	0	0	1250	1250
20	IW-7	0	0	750	750
21	IW-8	0	0	1000	1000
22	IW-9	0	0	1250	1250
23	IW-10	0	0	1250	1250
24	IW-11	0	0	2250	2250
	TOTAL	12,500	10,000	22,500	45,000

ISCO Full-Scale Injection Quantities (gallons) - 4Q2020 and 1Q2021						
No:	Injection Wells	Full-Scale Injections - 12/26/2020 - 1/3/2021	Full-Scale Injections - 1/23/2021 - 1/30/2021	Full-Scale Injections - 2/20/2021 - 2/28/2021	Full-Scale Injections - 3/20/2021 - 3/30/2021	TOTAL
1	MW-1	0	350	350	500	1200
2	MW-3	0	350	350	250	950
3	TW-3	350	350	350	250	1300
4	MW-7	0	350	350	250	950
5	MW-34	0	350	350	500	1200
6	MW-35	0	350	350	500	1200
7	MW-36	0	350	350	500	1200
8	SVE-2	350	350	350	500	1550
9	SVE-4	0	350	350	500	1200
10	SVE-5	350	350	350	500	1550
11	SVE-6	350	350	350	500	1550
12	SVE-7	350	350	350	500	1550
13	SVE-8	350	350	350	500	1550
14	SVE-9	0	350	350	500	1200
15	SVE-10	0	350	350	500	1200
16	SVE-11	0	350	350	500	1200
17	SVE-12	0	350	350	250	950
18	SVE-13	0	350	350	500	1200
19	SVE-14	0	350	350	500	1200
20	SVE-15	0	0	0	250	250
21	SVE-16	350	350	350	500	1550
22	Transect AA' - IW-1 through IW-11 (11)	2750	3850	3850	5500	15950
23	Transect BB' - IW-12 through IW-30 (19)	2850	6650	6650	9500	25650
24	Transect CC' - IW-31 through IW-45 (15)	0	0	0	0	0
25	SVE-17 through SVE-22 (6)	0	0	0	3000	3000
26	SVE-23 through SVE-31 (9)	0	0	0	4500	4500
	TOTAL	8,050	17,500	17,500	31,750	74,800

Cwcej o gpv'B
Groundwater Sampling
Field Forms"

WELL GAUGING DATA

Project # 210118-KCl

Date 01-18-21

Client General Atomics

Site 11222 Flintkote, San Diego

Well ID	Well Size (in.)	Time Gauged	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC
MW-9	4	0808					15.44	---	TOC
MW-17	4	0812					15.13	---	
MW-33	2	0804				11.16	---		
GECC-901	2	0830				9.54	---		
GECC-902	2	0826				11.71	---		
GECC-905	2	0820				14.42	---		
P-111	2	0816				14.72	---		
P-112	1	0823				13.21	---		
P-113	2	0834				9.61			
P-114	2	0800				8.27	---		

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: <u>210118-KC1</u>	Date: <u>01-18-21</u>
Sampler: <u>KC</u>	Project Address: <u>11222 Flintkote Ave, San Diego</u>
Well ID: <u>GECC-901</u>	Project Number: <u>General Atomics</u>
Borehole Diameter: <u>(8)</u> 10 12 _____	Well Diameter: <u>(2)</u> 3 4 6 8 _____
Referenced to: <u>(PVC)</u> Grade	Water Column Height: _____
Total Well Depth: <u>ded pump</u>	Depth to Water: <u>9.54</u> Time <u>0830</u>
Depth to Free Product: _____	Thickness of Free Product (feet): _____
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]: _____	
Meter type/ID: Ultrameter <u>(YSI 556)</u> YSI 550	ID: <u>16M100925</u>
Decontamination Method: <u>(Steam/High Pressure Wash)</u> 3 Stage Rinse Other _____	
Recharge type: Fast <u>x</u> Slow _____	Water Level Indicator Type: <u>GeoSlope Indicator</u> ID: <u>1537413</u>

Purge Method: Bailer Waterra Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement (Dedicated Pump) New Tubing
 Fixed Electric Submersible Other _____ (Dedicated Tubing)
 Variable Electric Submersible Other: _____

Purge Rate: 100 ml/min Start Purge: 0838

Purging Methods	
<input checked="" type="checkbox"/> Method 3, Low-flow install pump at least 2hrs prior to start of purging:	Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (ms or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/l)	Salinity (ppt)
0841	22.3	7.07	16.24	2	1.16	154.3	10.04	300	10569	9.55
0844	21.7	7.06	16.35	2	1.00	147.1	10.04	600	10634	9.61
0847	21.9	7.06	16.50	2	0.89	140.6	10.04	900	10743	9.72
0850	22.2	7.06	16.61	2	0.81	135.7	10.04	1200	10822	9.79
0853	22.2	7.06	16.67	2	0.76	133.4	10.04	1500	10852	9.81
0856	22.3	7.06	16.71	1	0.72	131.6	10.04	1800	10861	9.82

Did well dewater? Yes <u>(No)</u> Volume actually evacuated: <u>1,800 ml</u>
Sampling Date: <u>01-19-21</u> Sampling Time: <u>0859</u> Depth to Water: <u>10.04</u>
Sample I.D.: <u>GECC-901</u> Laboratory: Test America
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) <u>(See SOW)</u> Quantity: <u>6</u> Filtered: <u>(NY)</u>
EB I.D. (if applicable): Time Duplicate I.D. (if applicable):
D.O. (if req'd): Pre-purge: _____ mg/L Post-purge: _____ mg/L
O.R.P. (if req'd): Pre-purge: _____ mV Post-purge: _____ mV
Field Sheet Checked by: _____

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210118-KC1	Date: 01-18-21
Sampler: KC	Project Address: 11222 Flintkote Ave, San Diego
Well ID: GECC-902	Project Number: General Atomics
Borehole Diameter: (8) 10 12 ___	Well Diameter: (2) 3 4 6 8 ___
Referenced to: (PVC) Grade	Water Column Height: _____
Total Well Depth: ded pump	Depth to Water: 11.71 Time 0826
Depth to Free Product: _____	Thickness of Free Product (feet): _____
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]: _____	
Meter type/ID: Ultrameter (YSI 556) YSI 550	ID: 10M100925
Decontamination Method: (Steam/High Pressure Wash) 3 Stage Rinse Other	
Recharge type: Fast <input checked="" type="checkbox"/> Slow ___	Water Level Indicator Type: GeoSlope Indicator ID: 1537413

Purge Method: Bailer Waterra Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement (Dedicated Pump) New Tubing
 Fixed Electric Submersible Other _____ (Dedicated Tubing)
 Variable Electric Submersible Other: _____

Purge Rate: 100 ml/min Start Purge: 1017

Purging Methods <input checked="" type="checkbox"/> Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____	Dedicated Pump
---	----------------

Time	Temp (°C)	pH	Cond. (mS, or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/l)	Salinity (ppt)
1020	22.4	6.89	8.89	6	0.71	96.1	12.14	300	5778	4.98
1023	22.5	6.88	8.96	5	0.70	94.5	12.17	600	5837	5.03
1026	22.6	6.88	8.98	5	0.63	92.4	12.18	900	5837	5.03
1029	22.3	6.87	9.01	4	0.60	84.6	12.18	1,200	5859	5.04
1032	22.1	6.87	9.03	4	0.57	72.9	12.18	1,500	5869	5.06
1035	22.2	6.87	9.02	4	0.54	70.6	12.18	1,800	5863	5.05
1038	22.3	6.87	9.04	4	0.51	64.7	12.18	2,100	5889	5.08

Did well dewater? Yes (No)	Volume actually evacuated: 2,100 ml	
Sampling Date: 01-19-21	Sampling Time: 1041	Depth to Water: 12.18
Sample I.D.: GECC-902-011921	Laboratory: Test America	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) (See SOW)	Quantity: 6	Filtered: (N/Y)
EB I.D. (if applicable):	Time	Duplicate I.D. (if applicable):
D.O. (if req'd):	Pre-purge: mg/L	Post-purge: mg/L
O.R.P. (if req'd):	Pre-purge: mV	Post-purge: mV
Field Sheet Checked by:		

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210118-KC1		Date: 01-18-21	
Sampler: KC		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: GECC-905		Project Number: General Atomics	
Borehole Diameter: (8) 10 12		Well Diameter: (2) 3 4 6 8	
Referenced to: (PVC) Grade		Water Column Height: _____	
Total Well Depth: <u>ded pump</u>		Depth to Water: 14.42 Time 0820	
Depth to Free Product: _____		Thickness of Free Product (feet): _____	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]: _____			
Meter type/ID: Ultrameter (YSI 556) YSI 550		ID: 16M100925	
Decontamination Method: (Steam/High Pressure Wash) 3 Stage Rinse Other			
Recharge type: Fast <input checked="" type="checkbox"/> Slow _____		Water Level Indicator Type: GeoSlope Indicator ID: 1537413	

Purge Method:	Bailer Disposable Bailer Positive Air Displacement Fixed Electric Submersible Variable Electric Submersible	Waterra Peristaltic (Dedicated Pump) Other _____	Bailer Disposable Bailer New Tubing (Dedicated Tubing) Other: _____
---------------	---	---	---

Purge Rate: 100 ml/min Start Purge: 1104

Purging Methods			
<input checked="" type="checkbox"/> Method 3, Low-flow install pump at least 2hrs prior to start of purging:		Portable Pump	Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/l)	Salinity (ppt)
1107	21.9	6.81	9.31	5	0.99	48.1	14.89	300	6051	5.23
1110	21.9	6.81	9.33	3	0.75	41.8	14.89	600	6064	5.24
1113	21.9	6.81	9.34	3	0.69	39.9	14.89	900	6071	5.25
1116	21.8	6.81	9.32	3	0.67	39.0	14.89	1,200	6062	5.24
1119	21.7	6.81	9.32	2	0.65	38.3	14.89	1,500	6058	5.23
1122 KC								1800 cc		

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Volume actually evacuated: 1,500	
Sampling Date: 01-21 01-19-21		Sampling Time: 1222	
Sample I.D.: GECC-905-011921		Laboratory: (Test America)	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) (See SOW)		Quantity: 6 Filtered: (N)Y	
EB I.D. (if applicable):		Duplicate I.D. (if applicable):	
D.O. (if req'd):	Pre-purge: _____ mg/L	Post-purge: _____ mg/L	
O.R.P. (if req'd):	Pre-purge: _____ mV	Post-purge: _____ mV	
Field Sheet Checked by: _____			

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: <u>210118-KC1</u>		Date: <u>01-18-21</u>
Sampler: <u>HC</u>		Project Address: <u>11222 Flintkote Ave, San Diego</u>
Well ID: ██████████ <u>mw-9</u>		Project Number: <u>General Atomics</u>
Borehole Diameter: 8 <u>(10)</u> 12		Well Diameter: 2 3 <u>(4)</u> 6 8
Referenced to: <u>(PVC)</u> Grade		Water Column Height:
Total Well Depth: <u>ded pump</u>		Depth to Water: <u>15.44</u> Time <u>0808</u>
Depth to Free Product: _____		Thickness of Free Product (feet): _____
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]: _____		
Meter type/ID: Ultrameter <u>(YSI 556)</u> YSI 550		ID: <u>110M100925</u>
Decontamination Method: <u>(Steam/High Pressure Wash)</u> 3 Stage Rinse Other		
Recharge type: Fast <u>X</u> Slow		Water Level Indicator Type: <u>GeoSlope Indicator</u> ID: <u>1537413</u>

Purge Method:	Bailer Disposable Bailer Positive Air Displacement Fixed Electric Submersible Variable Electric Submersible	Waterra Peristaltic <u>(Dedicated Pump)</u> Other: _____	Bailer Disposable Bailer <u>(New Tubing)</u> <u>KLe</u> <u>(Dedicated Tubing)</u> Other: _____
Purge Rate: <u>100 m³/min</u>	Start Purge: <u>1139</u>		

Purging Methods
 Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/l)	Salinity (ppt)
1142	21.8	7.02	9.89	2	3.34	-125.2	15.44	300	6454	5.59
1145	22.2	6.97	9.99	1	4.17	-64.0	15.44	600	6506	5.65
1148	22.1	6.95	10.02	1	4.04	-45.3	15.44	900	6513	5.66
1151	22.2	6.85	10.02	1	2.81	17.7	15.44	1,200	6518	5.66
1154	22.1	6.81	10.06	1	2.00	47.4	15.44	1,500	6541	5.68
1157	22.2	6.78	10.10	1	1.41	51.8	15.44	1,800	6587	5.71
1200	22.2	6.76	10.13	1	1.15	56.4	15.44	2,100	6630	5.74
1203	22.3	6.76	10.16	1	1.08	59.0	15.44	2,400	6634	5.75
1206	22.4	6.76	10.18	1	1.02	60.6	15.44	2,700	6636	5.77

Did well dewater? Yes <u>(No)</u>	Volume actually evacuated: <u>2,700</u>	
Sampling Date: <u>01-18-21</u>	Sampling Time: <u>1209</u>	Depth to Water: <u>15.44</u>
Sample I.D.: ██████████ <u>mw-9-011821</u> Laboratory: <u>Test America</u>		
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW	Quantity: <u>6</u>	Filtered: <u>(N/A)</u>
EB I.D. (if applicable):	Time	Duplicate I.D. (if applicable):
D.O. (if req'd):	Pre-purge: _____ mg/L	Post-purge: _____ mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV	Post-purge: _____ mV
Field Sheet Checked by: _____		

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210118-KC1		Date: 01-18-21	
Sampler: KC		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: MW-17		Project Number: General Atomics	
Borehole Diameter: 8 (10) 12		Well Diameter: 2 3 (4) 6 8	
Referenced to: (PVC) Grade		Water Column Height:	
Total Well Depth: dead pump		Depth to Water: 15.13 Time 0812	
Depth to Free Product: —		Thickness of Free Product (feet): —	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]: —			
Meter type/ID: Ultrameter (YSI 556) YSI 550		ID: 16M100925	
Decontamination Method: Steam/High Pressure Wash		3 Stage Rinse Other	
Recharge type: Fast <input type="checkbox"/> Slow <input checked="" type="checkbox"/>		Water Level Indicator Type: GeoSlope Indicator ID: 1537413	

Purge Method: Bailer Waterra Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Dedicated Pump New Tubing
 Fixed Electric Submersible Other _____ Dedicated Tubing
 Variable Electric Submersible Other: _____

Purge Rate: 100 ml/min Start Purge: 1043

Purging Methods			
<input checked="" type="checkbox"/> Method 3, Low-flow install pump at least 2hrs prior to start of purging:		Portable Pump	Dedicated Pump
Install Date: _____		Time: _____	

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/l)	Salinity (ppt)
1046	21.5	6.91	8.41	3	1.38	123.9	15.30	300	5466	4.69
1049	21.2	6.92	8.39	3	1.42	117.9	15.30	600	5453	4.67
1052	21.2	6.92	8.37	2	1.40	116.1	15.30	900	5440	4.67
1055	21.2	6.92	8.37	1	1.37	111.6	15.30	1200	5440	4.66
1058	21.4	6.92	8.37	1	1.29	110.7	15.30	1500	5434	4.66
1101	21.5	6.92	8.37	1	1.26	110.5	15.30	1800	5434	4.66

Did well dewater? Yes (No)		Volume actually evacuated: 1,800 mL	
Sampling Date: 01-18-21		Sampling Time: 1104	
Sample I.D.: MW-17-011821		Laboratory: Test America	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) <u>(See SOW)</u>		Quantity: 6 Filtered: <u>NY</u>	
EB I.D. (if applicable):		Duplicate I.D. (if applicable):	
D.O. (if req'd): Pre-purge: mg/L		Post-purge: mg/L	
O.R.P. (if req'd): Pre-purge: mV		Post-purge: mV	
Field Sheet Checked by: _____			

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 200118-KC1 ^{KC} 210118-KC1		Date: 01-18-21
Sampler: KC		Project Address: 11222 Flintkote Ave, San Diego
Well ID: mw-33		Project Number: General Atomics
Borehole Diameter: (8) 10 12 ___		Well Diameter: (2) 3 4 6 8 ___
Referenced to: PVC Grade		Water Column Height:
Total Well Depth: dead pump		Depth to Water: 11.16 Time 0804
Depth to Free Product: ___		Thickness of Free Product (feet): ___
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]: ___		
Meter type/ID: Ultrameter ^{KC} (YSI 556) YSI 550		ID: 16M100925
Decontamination Method: Steam/High Pressure Wash 3 Stage Rinse Other		
Recharge type: Fast <input checked="" type="checkbox"/> Slow ___		Water Level Indicator Type: GeoSlope Indicator ID: 1537413

Purge Method: Bailer Waterra Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Dedicated Pump New Tubing
 Fixed Electric Submersible Other _____ Dedicated Tubing
 Variable Electric Submersible Other: _____

Purge Rate: 100 ml/min Start Purge: 1238

Purging Methods		
<input checked="" type="checkbox"/> Method 3, Low-flow install pump at least 2hrs prior to start of purging:	Portable Pump Install Date: _____ Time: _____	Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/l)	Salinity (ppt)
1241	21.9	6.58	21.54	6	1.73	85.8	11.40	300	14014	12.98
1244	22.0	6.57	21.74	4	1.67	88.9	11.48	600	14150	13.14
1247	21.9	6.57	22.03	4	1.66	91.6	11.52	900	14320	13.29
1250	21.9	6.56	22.15	3	1.65	95.5	11.54	1,200	14397	13.35
1253	22.1	6.55	22.21	3	1.59	98.1	11.55	1,500	14441	13.44
1256	22.3	6.55	22.30	2	1.57	99.3	11.55	1,800	14508	13.49
1259	22.5	6.54	22.36	2	1.52	100.4	11.55	2,100	14533	13.51

Did well dewater? Yes (No)	Volume actually evacuated: 2,100ml	
Sampling Date: 01-18-21	Sampling Time: 1302	Depth to Water: 11.55
Sample I.D.: mw-33-011821	Laboratory: Test America	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) <u>See SOW</u>	Quantity: 6	Filtered: <input checked="" type="checkbox"/> Y
EB I.D. (if applicable):	Time	Duplicate I.D. (if applicable):
D.O. (if req'd): Pre-purge:	mg/L	Post-purge: mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge: mV
Field Sheet Checked by:		

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210118-KC1		Date: 01-18-21	
Sampler: KC		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: P-111		Project Number: General Atomics	
Borehole Diameter: (8) 10 12		Well Diameter: (2) 3 4 6 8	
Referenced to: (PVC) Grade		Water Column Height:	
Total Well Depth: dead pump		Depth to Water: 14.72 Time 0816	
Depth to Free Product: _____		Thickness of Free Product (feet): _____	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]: _____			
Meter type/ID: Ultrameter (YSI 556) YSI 550		ID: 16M100925	
Decontamination Method: (Steam/High Pressure Wash) 3 Stage Rinse Other			
Recharge type: Fast <input checked="" type="checkbox"/> Slow _____		Water Level Indicator Type: GeoSlope Indicator ID: 1537413	

Purge Method:	Bailer Disposable Bailer Positive Air Displacement Fixed Electric Submersible Variable Electric Submersible	Waterra Peristaltic (Dedicated Pump) Other: _____	Bailer Disposable Bailer New Tubing (Dedicated Tubing) Other: _____
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Purge Rate: 100 ml/min Start Purge: 1337

Purging Methods			
<input checked="" type="checkbox"/> Method 3, Low-flow install pump at least 2hrs prior to start of purging:		Portable Pump	Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/l)	Salinity (ppt)
1340	20.6	6.83	9.27	310	0.74	79.0	14.72	300	6025	5.21
1343	20.7	6.83	9.24	220	0.63	78.4	14.72	600	6008	5.17
1346	20.9	6.82	9.20	191	0.59	77.6	14.72	900	5967	5.15
1349	21.3	6.81	9.19	178	0.55	73.7	14.72	1,200	5986	5.17
1352	21.2	6.81	9.16	169	0.51	72.1	14.72	1,500	5951	5.15
1355	21.1	6.81	9.14	161	0.48	71.3	14.72	1,800	5934	5.13
1358	21.3	6.81	9.16	165	0.47	71.7	14.72	2,100	5947	5.14
1401	21.4	6.81	9.16	164	0.46	72.8	14.72	2,400	5950	5.14

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Volume actually evacuated: 2,400 ml	
Sampling Date: 01-18-21		Sampling Time: 1404	
Sample I.D.: P-111-011821		Depth to Water: 14.72	
Laboratory: Test America		Quantity: 6	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) (See SOW)		Filterd: <input checked="" type="checkbox"/> NY	
EB I.D. (if applicable):		Duplicate I.D. (if applicable):	
D.O. (if req'd):	Pre-purge: _____ mg/L	Post-purge: _____ mg/L	
O.R.P. (if req'd):	Pre-purge: _____ mV	Post-purge: _____ mV	
Field Sheet Checked by: _____			

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: <u>210118-KC1</u>		Date: <u>01-18-21</u>	
Sampler: <u>LC</u>		Project Address: <u>11222 Flintkote Ave, San Diego</u>	
Well ID: <u>P-112</u>		Project Number: <u>General Atomics</u>	
Borehole Diameter: 8 10 12 <u>(1)</u>		Well Diameter: 2 3 4 6 8 <u> </u>	
Referenced to: <u>(PVC)</u> Grade		Water Column Height: <u> </u>	
Total Well Depth: <u> </u>		Depth to Water: <u>13.21</u> Time <u>0823</u>	
Depth to Free Product: <u> </u>		Thickness of Free Product (feet): <u> </u>	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]: <u> </u>			
Meter type/ID: Ultrameter <u>(YSI 556)</u> YSI 550		ID: <u>16M100925</u>	
Decontamination Method: <u>(Steam/High Pressure Wash)</u> 3 Stage Rinse Other			
Recharge type: Fast <u>(✓)</u> Slow <u> </u>		Water Level Indicator Type: GeoSlope Indicator ID: <u>1537413</u>	

Purge Method:	Bailer Disposable Bailer Positive Air Displacement Fixed Electric Submersible Variable Electric Submersible	Waterra Peristaltic <u>(Dedicated Pump)</u> Other: <u> </u>	Bailer Disposable Bailer New Tubing <u>(Dedicated Tubing)</u> Other: <u> </u>
Purge Rate: <u>100ml/min</u>	Start Purge: <u>1426</u>		

Purging Methods
 Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: Time: Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/l)	Salinity (ppt)
1429	22.0	6.98	9.10	63	0.92	100.9	13.52	300	5921	5.11
1432	22.3	6.97	9.24	39	0.77	101.3	13.58	600	6006	5.19
1435	22.0	6.92	9.29	33	0.73	100.8	13.58	900	6027	5.22
1438	21.8	6.86	9.33	31	0.71	100.0	13.58	1,200	6058	5.23
1441	21.9	6.89	9.34	28	0.70	92.7	13.58	1,500	6063	5.24
1444	22.0	6.93	9.35	27	0.68	88.9	13.58	1,800	6067	5.24
1447	22.2	6.94	9.33	26	0.65	87.8	13.58	2,100	6070	5.25

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Volume actually evacuated: <u>2,100 ml</u>	
Sampling Date: <u>01-18-21</u>		Sampling Time: <u>1450</u>	
Sample I.D.: <u>P-112-011821</u>		Laboratory: <u>(Test America)</u>	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW		Quantity: <u>6</u>	Filterd: <u>(N/Y)</u>
EB I.D. (if applicable): <u> </u>		Duplicate I.D. (if applicable): <u> </u>	
D.O. (if req'd):	Pre-purge: <u> </u> mg/L	Post-purge: <u> </u> mg/L	
O.R.P. (if req'd):	Pre-purge: <u> </u> mV	Post-purge: <u> </u> mV	
Field Sheet Checked by: <u> </u>			

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210118-KC1		Date: 01-18-21	
Sampler: KC		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: P-113		Project Number: General Atomics	
Borehole Diameter: (8) 10 12		Well Diameter: (2) 3 4 6 8	
Referenced to: (PVC) Grade		Water Column Height: 15.30	
Total Well Depth: 24.91		Depth to Water: 9.61 Time: 0834	
Depth to Free Product: _____		Thickness of Free Product (feet): _____	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]: _____			
Meter type/ID: Ultrameter (YSI 556) YSI 550		ID: 16M100925	
Decontamination Method: (Steam/High Pressure Wash) 3 Stage Rinse Other			
Recharge type: Fast <input checked="" type="checkbox"/> Slow _____		Water Level Indicator Type: GeoSlope Indicator ID: 1537413	

Purge Method: Bailer Waterra Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Dedicated Pump (New Tubing)
 Fixed Electric Submersible Other (Bladder pump) Dedicated Tubing
 Variable Electric Submersible Other: _____

Purge Rate: 100 ml/min Start Purge: 0929

Purging Methods			
<input checked="" type="checkbox"/> Method 3, Low-flow install pump at least 2hrs prior to start of purging:		Portable Pump Install Date: _____ Time: _____	Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/l)	Salinity (ppt)
0932	20.7	7.21	16.38	61	1.17	92.8	9.81	300	10666	9.64
0935	20.9	7.21	16.43	64	1.10	92.5	9.91	600	10679	9.67
0938	21.3	7.20	16.52	60	0.94	91.7	9.95	900	10711	9.72
0941	21.6	7.19	16.56	58	0.83	90.8	9.99	1,200	10764	9.74
0944	21.5	7.19	16.57	57	0.82	90.4	10.01	1,500	10764	9.74
0945	21.4	7.19	16.58	56	0.81	90.2	10.02	1,800	10765	9.73

Did well dewater? Yes (No)		Volume actually evacuated: 1,800	
Sampling Date: 01-19-21		Sampling Time: 0948	
Sample I.D.: P-113-011921		Laboratory: (Test America)	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) (See SOW)		Quantity: 6 Filtered: (N/Y)	
EB I.D. (if applicable):		Duplicate I.D. (if applicable):	
D.O. (if req'd): Pre-purge: mg/L		Post-purge: mg/L	
O.R.P. (if req'd): Pre-purge: mV		Post-purge: mV	
Field Sheet Checked by: _____			

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210118-KC1		Date: 01-18-21	
Sampler: KC		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: P-114		Project Number: General Atomics	
Borehole Diameter: (8) 10 12		Well Diameter: 2 3 4 6 8	
Referenced to: (PVC) Grade		Water Column Height:	
Total Well Depth: dead pump		Depth to Water: 8.27 Time: 0800	
Depth to Free Product: _____		Thickness of Free Product (feet): _____	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]: _____			
Meter type/ID: Ultrameter (YSI 556) YSI 550		ID: 1667100925	
Decontamination Method: (Steam/High Pressure Wash) 3 Stage Rinse Other			
Recharge type: Fast <input checked="" type="checkbox"/> Slow _____		Water Level Indicator Type: GeoSlope Indicator ID: 1537413	

Purge Method: Bailer Waterra Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement (Dedicated Pump) (New Tubing) ^{KC}
 Fixed Electric Submersible Other _____ (Dedicated Tubing)
 Variable Electric Submersible Other: _____

Purge Rate: 100 ml/min Start Purge: 0933

Purging Methods			
<input checked="" type="checkbox"/> Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump			

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/l)	Salinity (ppt)
0936	23.4	6.99	9.80	9	2.14	212.1	8.46	300	6383	6.53
0939	23.8	6.98	10.07	7	2.25	202.4	8.46	600	6558	5.70
0942	23.7	6.95	10.13	7	2.15	197.4	8.46	900	6591	5.72
0945	23.8	6.94	10.20	6	1.81	188.9	8.46	1,200	6630	5.76
0948	23.9	6.93	10.26	6	1.71	181.0	8.46	1,500	6682	5.80
0951	23.7	6.93	10.30	5	1.64	173.5	8.46	1,800	6701	5.82
0954	23.4	6.94	10.31	5	1.57	166.9	8.46	2,100	6701	5.82

Did well dewater? Yes (No)		Volume actually evacuated: 2,100 ml	
Sampling Date: 01-18-21		Sampling Time: 0957	
Sample I.D.: P-114-011821		Laboratory: Test America	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) (See SOW)		Quantity: 6 Filtered: (N/Y)	
EB I.D. (if applicable):		Duplicate I.D. (if applicable):	
D.O. (if req'd): Pre-purge: mg/L Post-purge: mg/L			
O.R.P. (if req'd): Pre-purge: mV Post-purge: mV			
Field Sheet Checked by: _____			

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FedEx Envelope*

FedEx Pak* Small Pak and FedEx Large Pak.

FedEx Box

FedEx Tube

Other

6 Special Handling and Delivery Signature Options

SATURDAY Delivery

Signature Required

Direct Signature

Indirect Signature

Signature Required with Adult Signature

Signature Required with Restricted Address

Signature Required with Restricted Address and Restricted Deliveries Only

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PULL AND RETAIN THIS COPY BEFORE AFFIXING TO THE PACKAGE. NO POUCH NEEDED.

7 Payment Bill to:

Sender Enter FedEx Acct. No. or Credit Card No. below.

Acct. No. & Section Recipient Third Party Credit Card Cash/Check

FedEx Acct. No. 9210 885-4455 Total Packages 1 Total Weight 0.00 lbs. \$ 0.00

Bill/Credit No. 92100189 Total Declared Value*

Sup. Dim. 605

Four liability is limited to \$100 unless you declare a higher value. See back for details. By using this Airbill you agree to the service conditions on the back of this Airbill and in the current FedEx Service Guide, including terms that limit our liability.

1/2

BLAINE

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0555

TECH SERVICES, INC.

CHAIN OF CUSTODY **BTS #**
 CLIENT General Atomics
 SITE General Atomics
 11222 Flintoke
 San Diego, CA

SAMPLE I.D.	DATE	TIME	MATRIX S # H ₂ O # SIL	CONTAINERS	
				TOTAL	Various
3003-9-011821	01-18-21	1209	W	5	Various
3003-17-011821		1104	W	5	
3003-14-011821		0957	W	5	
3003-33-011821		1302	W	5	
3003-11-011821		1404	W	5	
3003-112-011821		1450	W	5	
3003-011821		0715	W	2	Verob
3003-901-011921	01-19-21	0859	W	5	Various
3003-113-011921		0948	W	5	
3003-902-011921		1041	W	5	

SAMPLING PERFORMED BY **Henry L. Campbell**

SAMPLING COMPLETED 01-19-21 1222

RELEASED BY *[Signature]* DATE 01-19-21 TIME 1430 RECEIVED BY

RELEASED BY DATE TIME RECEIVED BY

RELEASED BY DATE TIME RECEIVED BY

SHIPPED VIA DATE SENT TIME SENT COOLER #

LAB		Test America		DHS #
SPECIAL INSTRUCTIONS				
Report to: Anil Dharmapal Project Manager Licensing, Safety and Nuclear Compliance 3550 General Atomics Court, San Diego, CA 92121 Office: (858) 455-2540, Cell: (858) 226-0582				
CONDUCT ANALYSIS TO DETECT				
VOC analyses (USEPA Method 8260B)	X			
1,4-Dioxane (USEPA Method 8270D)	X			
Alkalinity				
Chloride				
Cr (VI)				
Metals (total/dissolved)				
TOC				
ADD'L INFORMATION				
STATUS				
CONDITION				
LAB SAMPLE #				
RESULTS NEEDED NO LATER THAN				

BLAINE

TECH SERVICES, INC.

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0555

CHAIN OF CUSTODY
 CLIENT General Atomics
 SITE General Atomics
 11222 Flintoke
 San Diego, CA

LAB Prima Environmental
 SPECIAL INSTRUCTIONS
 Report to:
Anil Dharmapal
 Project Manager
 Licensing, Safety and Nuclear Compliance
 3550 General Atomics Court, San Diego, CA 92121
 Office: (858) 455-2540, Cell: (858) 226-0582

TCE Project 91430008

SAMPLE I.D.	DATE	TIME	MATRIX	CONTAINERS	TOTAL						CONDUCT ANALYSIS TO DETECT		
											ADD'L INFORMATION	STATUS	CONDITION
GECC-901-011921	01-19-21	0859	W	Vec	1								
GECC-902-011921	01-19-21	1041											
GECC-905-011921	01-19-21	1222											
MW-9-011821	01-18-21	1209											
MW-17-011821	01-18-21	1104											
MW-33-011821	01-18-21	1302											
P-111-011821	01-18-21	1404											
P-112-011821	01-18-21	1450											
P-113-011921	01-19-21	0948											
P-114-011821	01-18-21	0957											

sodium permanganate concentrations

SAMPLING PERFORMED BY	DATE	TIME	RECEIVED BY	DATE	TIME
Sherry L. Campbell	01-19-21	1430			
	01-19-21				
	01-19-21				
	01-19-21				

RESULTS NEEDED
NO LATER THAN

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

WELLHEAD INSPECTION CHECKLIST

Client General Atomics Date 01-18-21

Site Address 11222 Flintkote, San Diego

Job Number 210118-KC1 Technician KC

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12" or less)	WELL IS CLEARLY MARKED WITH THE WORDS "MONITORING WELL" (12" or less)	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
mw-9	X	X	X			X	X			
mw-17	X	X	X							
mw-33	X	X	X							
GECC-901	X	X	X							
GECC-902	X	X	X							
GECC-905	X	X	X							
P-111	X	X	X							
P-112	X	X	X							
P-113	X	X	X							
P-114	X	X	X							

NOTES: _____

WELLHEAD INSPECTION CHECKLIST

Client General Atomics Date 02/15/24
 Site Address 11222 Frintote San Diego
 Job Number 210215-021 Technician 12

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12" or less)	WELL IS CLEARLY MARKED WITH THE WORDS "MONITORING WELL" (12" or less)	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
Mw-9	X	X	X							
Mw-33	X	X	X							
Mw-17	X	X	X							
WELL-901	X	X	X							
WELL-902	X	X	X	X						
WELL-905	X	X	X							
P-111	X	X	X							
P-112	X	X	X							
P-113	X	X	X							
P-114	X	X	X							

NOTES: _____

WELL GAUGING DATA

Project # 210215-021 Date 02-15-21

Client General Atomics

Site 11222 Flint Knot San Diego, CA

Well ID	Well Size (in.)	Time Gauged	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC
MW-9	4	0740					15.39		TOC
MW-33	2	0745					11.11		↓
MW-47	4	0750					15.20		
GELL-901	2	0814					9.64		
GELL-902	2	0821					11.63		
GELL-905	2	0758					14.40		
P-111	2	0754					14.71		
P-112	1	0824					13.98		
P-113	2	0810					9.51		
P-114	2	0805					8.34		

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210215-CZ1		Date: 02/15/21	
Sampler: CZ		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: MW-9		Project Number: General Atomics	
Borehole Diameter: 8 10 12		Well Diameter: 2 3 4 6 8	
Referenced to: PVC Grade		Water Column Height:	
Total Well Depth: 2nd pump		Depth to Water: 15.39 Time 0740	
Depth to Free Product:		Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: Ultrameter YSI 556 YSI 550		ID: 19F104517	
Decontamination Method: Steam/High Pressure Wash		3 Stage Rinse Other	
Recharge type: Fast Slow		Water Level Indicator Type: GeoSlope Indicator ID: 40799	

Purge Method: Bailer Watera Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Dedicated Pump New Tubing
 Fixed Electric Submersible Other Dedicated Tubing
 Variable Electric Submersible Other:

Purge Rate: 100 mL/min Start Purge: 12:13

Purging Methods
 Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: Time: Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/L)	Salinity (ppt)
1216	21.5	7.08	10895	12	1.70	-163.2	15.39	300	7033.00	6.17
1219	20.8	7.02	10738	13	1.98	-122.3	15.39	600	6474.50	6.10
1222	20.7	6.97	10696	9	2.66	-83.3	15.39	900	6455.20	6.48
1225	20.3	6.92	10641	11	2.72	-61.3	15.39	1200	6442.00	6.06
1228	20.4	6.88	10645	12	2.61	-47.7	15.39	1500	6416.00	6.04
1231	20.6	6.81	10611	12	2.17	-39.4	15.39	1800	6409.00	6.04
1234	20.2	6.77	10585	11	2.16	-32.4	15.39	2100	6373.00	6.01
1237	20.5	6.74	10582	11	1.99	-27.0	15.39	2400	6377.00	6.00
1240	20.5	6.73	10631	11	1.95	-24.8	15.39	2700	6403.00	6.03

Did well dewater? Yes No Volume actually evacuated: 2700

Sampling Date: 02/15/21 Sampling Time: 12:43 Depth to Water: 15.39

Sample I.D.: MW-9-021521 Laboratory: Test America

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW Quantity: 5 Filterd: N/Y

EB I.D. (if applicable): Duplicate I.D. (if applicable):

D.O. (if req'd): Pre-purge: mg/L Post-purge: mg/L

O.R.P. (if req'd): Pre-purge: mV Post-purge: mV

Field Sheet Checked by:

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210215-CZ1		Date: 02/15/21	
Sampler: CZ		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: MW-17		Project Number: General Atomics	
Borehole Diameter: 8 10 12		Well Diameter: 2 3 4 6 8	
Referenced to: <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Grade		Water Column Height:	
Total Well Depth: <u>drill pump</u>		Depth to Water: 15.20 Time: 0750	
Depth to Free Product:		Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: Ultrameter <u>YSI 556</u> YSI 550		ID: <u>19F04517</u>	
Decontamination Method: <u>Steam/High Pressure Wash</u>		3 Stage Rinse Other	
Recharge type: Fast <input type="checkbox"/> Slow <input type="checkbox"/>		Water Level Indicator Type: GeoSlope Indicator ID: <u>4069</u>	

Purge Method: Bailor Waterra Bailor
 Disposable Bailor Peristaltic Disposable Bailor
 Positive Air Displacement Dedicated Pump New Tubing
 Fixed Electric Submersible Other Dedicated Tubing
 Variable Electric Submersible Other:

Purge Rate: 100 gpm Start Purge: 1313

Purging Methods
 Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/L)	Salinity (ppt)
1316	20.4	6.92	9115	10	2.13	14.8	15.20	300	5928.00	5.12
1319	20.1	6.86	9129	12	2.01	18.7	15.20	600	5934.00	5.13
1322	20.1	6.82	9148	9	1.49	21.5	15.20	900	5947.50	5.14
1325	20.0	6.81	9127	10	1.25	22.2	15.20	1200	5934.50	5.13
1328	20.2	6.79	9136	11	1.06	23.0	15.20	1500	5941.00	5.13
1331	20.5	6.78	9137	11	0.92	23.6	15.20	1800	5941.00	5.13
1334	20.2	6.79	9160	10	0.87	23.8	15.20	2100	5947.00	5.14

Did well dewater? Yes No Volume actually evacuated: 2100 mL

Sampling Date: 02/15/21 Sampling Time: 1337 Depth to Water: 15.20

Sample I.D.: MW-17-021521 Laboratory: Test America

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW Quantity: 6 Filtered: Y N

EB I.D. (if applicable): _____ Time _____ Duplicate I.D. (if applicable): _____

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

Field Sheet Checked by: _____

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210215-CZ1		Date: 02/15/21	
Sampler: CZ		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: MW-33		Project Number: General Atomics	
Borehole Diameter: 8 10 12		Well Diameter: 3 4 6 8	
Referenced to: PVC Grade		Water Column Height:	
Total Well Depth: old pump		Depth to Water: 11.11 Time 0745	
Depth to Free Product:		Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: Ultrameter YSI 556 YSI 550		ID: 14F104517	
Decontamination Method: Steam/High Pressure Wash		3 Stage Rinse Other	
Recharge type: Fast Slow		Water Level Indicator Type: GeoSlope Indicator ID: 40744	

Purge Method: Bailer Waterra Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Dedicated Pump New Tubing
 Fixed Electric Submersible Other Dedicated Tubing
 Variable Electric Submersible Other:

Purge Rate: 100 mL/min Start Purge: 1115

Purging Methods
 Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/L)	Salinity (ppt)
1118	22.2	6.64	22833	45	3.82	168.6	11.37	300	14838.0	13.80
1121	22.4	6.60	22840	24	2.40	166.8	11.27	600	14846.0	13.81
1124	21.6	6.58	22858	22	1.60	164.5	11.32	900	14875.0	13.80
1127	22.7	6.56	22781	18	1.71	161.3	11.34	1200	14794	13.79
1130	22.9	6.55	22800	16	1.16	158.4	11.40	1500	14826.0	13.77
1133	22.5	6.54	22866	16	1.16	156.1	11.42	1800	14857.0	13.80
1136	22.6	6.54	22858	15	1.16	154.1	11.42	2100	14855.0	13.80

Did well dewater? Yes No Volume actually evacuated: 2100 mL

Sampling Date: 02/15/21 Sampling Time: 1134 Depth to Water: 11.42

Sample I.D.: MW-33-021521 Laboratory: Test America

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW Quantity: 6 Filtered: Y

EB I.D. (if applicable): _____ Time _____ Duplicate I.D. (if applicable): _____

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

Field Sheet Checked by: _____

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210215-CZ1		Date: 02/15/21	
Sampler: CZ		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: GEC-901		Project Number: General Atomics	
Borehole Diameter: 8 10 12		Well Diameter: ② 3 4 6 8	
Referenced to: PVC Grade		Water Column Height:	
Total Well Depth: dead pump		Depth to Water: 9.64 Time 0814	
Depth to Free Product:		Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: Ultrameter YSI 556 YSI 550		ID: 19F104517	
Decontamination Method: Steam/High Pressure Wash		3 Stage Rinse Other	
Recharge type: Fast Slow		Water Level Indicator Type: GeoSlope Indicator ID: 40799	

Purge Method: Bailer Waterra Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Dedicated Pump New Tubing
 Fixed Electric Submersible Other Dedicated Tubing
 Variable Electric Submersible Other:

Purge Rate: 100 mL/min Start Purge: 1107

Purging Methods
 Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/L)	Salinity (ppt)
1110	21.8	7.00	17490	15	2.67	99.2	9.79	300	11362.00	10.32
1113	21.7	7.03	17528	14	0.96	98.8	9.81	600	11381.00	10.34
1116	22.3	7.03	17497	12	0.57	99.5	9.83	900	11382.50	10.33
1119	22.0	7.03	17486	15	0.45	100.8	9.78	1,200	11362.00	10.32
1122	20.8	7.04	17684	15	0.43	101.9	9.76	1,500	11505.00	10.47
1125	19.9	7.05	17526	15	0.46	103.2	9.76	1,800	11375.00	10.35
1128	19.9	7.06	17397	14	0.47	104.1	9.76	2,100	11302.00	10.27

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Volume actually evacuated: 2100 mL	
Sampling Date: 0211621		Sampling Time: 1131	
Sample I.D.: GEC-901-021621		Laboratory: Test America	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) <u>See SOW</u>		Quantity: 6	Filtered: <input checked="" type="checkbox"/> Y
EB I.D. (if applicable):		Duplicate I.D. (if applicable):	
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: mV
Field Sheet Checked by:			

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210215-CZ1		Date: 02/15/21	
Sampler: CZ		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: GELL-902		Project Number: General Atomics	
Borehole Diameter: 8 10 12 <u> </u>		Well Diameter: 2 3 4 6 8 <u> </u>	
Referenced to: <u>PVC</u> Grade		Water Column Height:	
Total Well Depth: <u>ded. pump</u>		Depth to Water: <u>11.63</u> Time <u>0821</u>	
Depth to Free Product: <u> </u>		Thickness of Free Product (feet): <u> </u>	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: Ultrameter <u>YSI 556</u> YSI 550		ID: <u>MF104517</u>	
Decontamination Method: <u>Steam/High Pressure Wash</u>		3 Stage Rinse Other	
Recharge type: Fast <u> </u> Slow <u> </u>		Water Level Indicator Type: GeoSlope Indicator ID: <u>40789</u>	

Purge Method: Bailer Waterra Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Dedicated Pump New Tubing
 Fixed Electric Submersible Other Dedicated Tubing
 Variable Electric Submersible Other:

Purge Rate: 100 ml/min Start Purge: 1004

Purging Methods
 Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: Time: Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/L)	Salinity (ppt)
1007	20.6	7.01	9308	26	1.32	51.8	11.98	300	6051.00	5.25
1010	21.5	6.96	9256	25	0.87	57.7	12.03	600	6019.00	5.20
1013	21.7	6.93	9286	23	0.63	64.1	12.04	900	6030.50	5.21
1016	22.1	6.91	9311	21	0.46	68.7	12.04	1200	6051.50	5.22
1019	22.3	6.90	9304	19	0.40	69.4	12.04	1500	6051.50	5.22
1022	22.2	6.90	9306	18	0.35	69.6	12.04	1800	6051.50	5.23
1025	21.9	6.84	9301	17	0.33	60.0	12.04	2100	6045.00	5.22
1028	21.9	6.84	9303	17	0.33	53.8	12.04	2400	6045.00	5.22

Did well dewater? Yes <u>No</u>		Volume actually evacuated: <u>2400 ml</u>	
Sampling Date: 02/16/21		Sampling Time: <u>1031</u> Depth to Water: <u>12.04</u>	
Sample I.D.: <u>GELL-902-021621</u>		Laboratory: Test America	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) <u>See SOW</u>		Quantity: <u>1</u> Filtered: <u>N/Y</u>	
EB I.D. (if applicable):		Duplicate I.D. (if applicable):	
D.O. (if req'd): Pre-purge: mg/L		Post-purge: mg/L	
O.R.P. (if req'd): Pre-purge: mV		Post-purge: mV	
Field Sheet Checked by: <u> </u>			

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210215-CZ1		Date: 02/15/21	
Sampler: CZ		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: GELL-905		Project Number: General Atomics	
Borehole Diameter: 8 10 12		Well Diameter: 2 3 4 6 8	
Referenced to: <u>PVG</u> Grade		Water Column Height:	
Total Well Depth: <u>deh pump</u>		Depth to Water: 14.40 Time: <u>07:00</u>	
Depth to Free Product: _____		Thickness of Free Product (feet): _____	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: Ultrameter <u>YSI 556</u> YSI 550		ID: <u>19F104517</u>	
Decontamination Method: <u>Steam/High Pressure Wash</u>		3 Stage Rinse Other	
Recharge type: Fast <input type="checkbox"/> Slow <input type="checkbox"/>		Water Level Indicator Type: GeoSlope Indicator ID: <u>40799</u>	

Purge Method: Bailer Waterra Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Dedicated Pump New Tubing
 Fixed Electric Submersible Other _____ Dedicated Tubing
 Variable Electric Submersible Other: _____

Purge Rate: 100 ml/min Start Purge: 0906

Purging Methods
 Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/L)	Salinity (ppt)
0909	20.6	6.84	9522	78	1.33	101.9	14.58	300	618800	5.37
0912	20.9	6.82	9569	33	0.93	101.7	14.55	600	620700	5.39
0915	21.4	6.80	9585	23	0.80	101.6	14.62	900	622700	5.39
0918	21.5	6.79	9581	25	0.62	101.8	14.62	1200	623750	5.40
0921	21.7	6.77	9583	18	0.46	102.3	14.62	1500	625300	5.41
0924	21.3	6.77	9596	15	0.43	102.5	14.62	1800	627000	5.40
0927	21.2	6.77	9590	15	0.43	102.7	14.62	2100	628500	5.40
0930	21.3	6.77	9577	14	0.41	102.9	14.62	2400	622000	5.40

Did well dewater? Yes <u>No</u>		Volume actually evacuated: <u>2,400</u> ml	
Sampling Date: 02/16/21		Sampling Time: 0933	
Sample I.D.: GELL-905-021621		Laboratory: Test America	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) <u>See SOW</u>		Quantity: <u>6</u>	Filtered: <u>N/Y</u>
EB I.D. (if applicable):		Duplicate I.D. (if applicable):	
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: mV
Field Sheet Checked by:			

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210215-CZ1		Date: 02/15/21	
Sampler: CZ		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: P-111		Project Number: General Atomics	
Borehole Diameter: 8 10 12		Well Diameter: 0 3 4 6 8	
Referenced to: PVC Grade		Water Column Height:	
Total Well Depth: <u>dec pump</u>		Depth to Water: 14.71 Time 0754	
Depth to Free Product:		Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: Ultrameter YSI 556 YSI 550		ID: 19F104917	
Decontamination Method: Steam/High Pressure Wash		3 Stage Rinse Other	
Recharge type: Fast Slow		Water Level Indicator Type: GeoSlope Indicator ID: 40719	

Purge Method: Bailer Waterra Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Dedicated Pump New Tubing
 Fixed Electric Submersible Other Dedicated Tubing
 Variable Electric Submersible Other:

Purge Rate: 100 mL/min Start Purge: 0758

Purging Methods
 Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: Time: Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/L)	Salinity (ppt)
0801	20.0	6.72	9266	7000	1.36	183.9	14.72	300	6019.00	5.21
0804	20.6	6.71	9277	71000	1.34	150.1	14.72	600	6025.00	5.24
0807	21.2	6.71	9278	71000	1.22	123.0	14.71	900	6030.00	5.21
0810	21.2	6.71	9278	71000	1.03	114.6	14.72	1200	6036.00	5.22
0813	20.5	6.71	9302	662	0.81	111.2	14.72	1500	6045.00	5.23
0816	20.3	6.71	9274	558	0.70	108.4	14.72	1800	6045.00	5.21
0819	20.6	6.72	9280	369	0.63	106.0	14.72	2,100	6036.00	5.22
0822	20.9	6.72	9275	336	0.54	103.7	14.72	2,400	6032.00	5.21
0825	21.0	6.72	9289	354	0.46	102.3	14.72	2,700	6038.00	5.22
0828	21.0	6.72	9275	331	0.42	101.3	14.72	3,000	6025.00	5.24

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Volume actually evacuated: 3,000 mL	
Sampling Date: 02/16/21	Sampling Time: 0831	Depth to Water: 14.72
Sample I.D.: P-111-021621	Laboratory: Test America	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) <u>See SOW</u>	Quantity: 6	Filtered: <input checked="" type="checkbox"/> Y
EB I.D. (if applicable):	Time	Duplicate I.D. (if applicable):
D.O. (if req'd): Pre-purge: mg/L		Post-purge: mg/L
O.R.P. (if req'd): Pre-purge: mV		Post-purge: mV
Field Sheet Checked by:		

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210215-CZ1		Date: 02-15-21	
Sampler: CZ		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: P-112		Project Number: General Atomics	
Borehole Diameter: 8 10 12		Well Diameter: 2 3 4 6 8 <u>10</u>	
Referenced to: <u>PVC</u> Grade		Water Column Height:	
Total Well Depth: <u>ded. pump</u>		Depth to Water: <u>13.98</u> Time <u>0824</u>	
Depth to Free Product:		Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: Ultrameter <u>YSI 536</u> YSI 550		ID: <u>19-104517</u>	
Decontamination Method: <u>Steam/High Pressure Wash</u>		3 Stage Rinse Other	
Recharge type: Fast <input type="checkbox"/> Slow <input type="checkbox"/>		Water Level Indicator Type: GeoSlope Indicator ID: <u>40793</u>	

Purge Method: Bailer Waterra Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Dedicated Pump New Tubing
 Fixed Electric Submersible Other _____ Dedicated Tubing
 Variable Electric Submersible Other: _____

Purge Rate: 100 mL/min Start Purge: 0849

Purging Methods
 Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/L)	Salinity (ppt)
0852	20.0	6.64	9265	113	1.58	171.8	14.04	300	5986.50	5.19
0855	22.5	6.74	9384	110	1.76	159.2	14.08	600	6116.00	5.28
0858	22.7	6.77	9444	67	1.06	150.9	14.16	900	6149.00	5.31
0901	22.6	6.79	9444	52	1.16	144.2	14.18	1200	6136.00	5.30
0904	22.8	6.80	9428	46	1.03	140.2	14.23	1500	6129.00	5.30
0907	22.8	6.81	9448	41	0.99	134.9	14.24	1800	6142.50	5.31
0910	22.9	6.81	9425	41	0.87	130.0	14.26	2100	6129.50	5.29
0913	22.9	6.81	9424	40	0.74	125.2	14.26	2400	6136.00	5.30

Did well dewater? Yes <u>No</u> Volume actually evacuated: <u>2,400</u> mL
Sampling Date: <u>02-15-21</u> Sampling Time: <u>0916</u> Depth to Water: <u>14.26</u>
Sample I.D.: <u>P-112-021521</u> Laboratory: Test America
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) <u>See-SOW</u> Quantity: <u>6</u> Filtered: <u>N/Y</u>
EB I.D. (if applicable): Time Duplicate I.D. (if applicable):
D.O. (if req'd): Pre-purge: mg/L Post-purge: mg/L
O.R.P. (if req'd): Pre-purge: mV Post-purge: mV
Field Sheet Checked by:

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210215-CZ1		Date: 02/15/21
Sampler: CZ		Project Address: 11222 Flintkote Ave, San Diego
Well ID: P-113		Project Number: General Atomics
Borehole Diameter: 8 10 12		Well Diameter: 3 4 6 8
Referenced to: PYC Grade		Water Column Height: 15.30
Total Well Depth: 24.81		Depth to Water: 9.51 Time 0818
Depth to Free Product: _____		Thickness of Free Product (feet): _____
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:		
Meter type/ID: Ultrameter <u>YSI 556</u> YSI 550		ID: <u>19F-104517</u>
Decontamination Method: <u>Steam/High Pressure Wash</u>		3 Stage Rinse Other
Recharge type: Fast <input type="checkbox"/> Slow <input type="checkbox"/>		Water Level Indicator Type: GeoSlope Indicator ID: <u>90799</u>

Purge Method:

<input type="checkbox"/> Bailer <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Fixed Electric Submersible <input type="checkbox"/> Variable Electric Submersible	<input type="checkbox"/> Waterra <input type="checkbox"/> Peristaltic <input type="checkbox"/> Dedicated Pump <input checked="" type="checkbox"/> Other <u>Bailer Peristaltic</u>	<input type="checkbox"/> Bailer <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> New Tubing <input checked="" type="checkbox"/> Dedicated Tubing <input type="checkbox"/> Other: _____
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Purge Rate: 100 mL/min Start Purge: 1006

Purging Methods

Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/L)	Salinity (ppt)
1009	21.2	7.23	16664	107	1.28	130.5	9.52	300	10830	9.81
1012	21.6	7.19	16694	105	0.70	127.5	9.53	600	10842	9.81
1015	21.2	7.19	16702	101	0.61	126.2	9.56	900	10855	9.82
1018	21.0	7.18	16624	90	0.59	124.4	9.62	1200	10830	9.77
1021	21.5	7.18	16604	86	0.69	122.5	9.67	1500	10796	9.77
1024	22.1	7.15	16630	87	0.79	121.6	9.72	1800	10816	9.78
1027	22.1	7.17	16637	82	0.76	119.8	9.78	2100	10804	9.77

Did well dewater? Yes No Volume actually evacuated: 2100 mL

Sampling Date: 02/15/21 Sampling Time: 1030 Depth to Water: 9.78

Sample I.D.: P-113-021521 Laboratory: Test America

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW Quantity: 6 Filtered: N/Y

EB I.D. (if applicable): _____ Time _____ Duplicate I.D. (if applicable): _____

D.O. (if req'd): Pre-purge: _____ mg/L Post-purge: _____ mg/L

O.R.P. (if req'd): Pre-purge: _____ mV Post-purge: _____ mV

Field Sheet Checked by: _____

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210215-CZ1		Date: 02/15/12	
Sampler: CZ		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: P-114		Project Number: General Atomics	
Borehole Diameter: 8 10 12		Well Diameter: 2 3 4 6 8	
Referenced to: <u>PVO</u> Grade		Water Column Height:	
Total Well Depth: <u>dept. pump</u>		Depth to Water: 8.34 Time <u>0805</u>	
Depth to Free Product: _____		Thickness of Free Product (feet): _____	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: Ultrameter <u>YSI 556</u> YSI 550		ID: <u>19F104517</u>	
Decontamination Method: <u>Steam/High Pressure Wash</u>		3 Stage Rinse Other	
Recharge type: Fast <u>Slow</u>		Water Level Indicator Type: GeoSlope Indicator ID: <u>40799</u>	

Purge Method: Bailer Waterra Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Dedicated Pump New Tubing
 Fixed Electric Submersible Other _____ Dedicated Tubing
 Variable Electric Submersible Other: _____

Purge Rate: 100 gpm Start Purge: 1408

Purging Methods
 Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/L)	Salinity (ppt)
1411	20.7	6.94	10751	43	2.36	30.1	8.36	300	699.7	6.12
1414	21.2	6.90	10880	46	1.55	29.6	8.36	600	708.0	6.19
1417	21.4	6.88	10908	42	1.14	27.5	8.36	900	709.0	6.20
1420	21.3	6.87	10935	28	0.97	25.6	8.36	1200	711.0	6.22
1423	21.0	6.86	10924	25	0.88	24.4	8.36	1500	704.2	6.21
1426	21.3	6.86	10889	17	0.85	23.1	8.36	1800	708.2	6.19
1429	21.3	6.85	10921	18	0.77	22.0	8.36	2100	708.0	6.21
1432	21.1	6.85	10912	18	0.69	21.3	8.36	2400	709.0	6.21

Did well dewater? Yes No Volume actually evacuated: 2400 mL

Sampling Date: 02/15/12 Sampling Time: 1435 Depth to Water: 8.36

Sample I.D.: P-114-021521 Laboratory: Test America

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW Quantity: 6 Filtered: NY

EB I.D. (if applicable): Time Duplicate I.D. (if applicable):

D.O. (if req'd): Pre-purge: mg/L Post-purge: mg/L

O.R.P. (if req'd): Pre-purge: mV Post-purge: mV

Field Sheet Checked by: _____

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME <i>General</i>		PROJECT NUMBER <i>210215-121</i>					
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
<i>YSI 402</i>	<i>14FW4517</i>	<i>02/15/21 (1) 0830</i>	<i>PM7-410 Certified NIST traceable 0.01% 0.02% 0.05% 0.1% 0.2% 0.5% 1.0% 2.0% 5.0% 10.0%</i>	<i>701, 4.00, 20.0 388.0, 2.0, 10.0 24.3 or 101.5 %</i>	<i>YES</i>	<i>13.1</i>	<i>LC</i>
<i>11</i>	<i>11</i>	<i>02/16/21 (1) 0740</i>	<i>PM7-410 Certified NIST traceable 0.01% 0.02% 0.05% 0.1% 0.2% 0.5% 1.0% 2.0% 5.0% 10.0%</i>	<i>648, 4.00, 10.0 387.0 239.5 or 101.2 %</i>	<i>YES</i>	<i>16.0</i>	<i>LC</i>

32

200

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State CA ZIP 90746-3509

2 Your Internal Billing Reference

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3 To Recipient's Name Cindy Schreier

Phone 916 939-7300

Company Prima Environmental

Address 5070 Robert J. Mathews Pkwy

Address Suite 300

City El Dorado Hills

State CA ZIP 95762

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BLAINE

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0555

TECH SERVICES, INC.

CHAIN OF CUSTODY
 CLIENT: General Atomics
 SITE: General Atomics
 11222 Flintoke
 San Diego, CA

BTS # 210215-121

CONDUCT ANALYSIS TO DETECT

SAMPLE I.D.	DATE	TIME	MATRIX SO TO SO	CONTAINERS TOTAL	CONDUCT ANALYSIS TO DETECT						ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
					VOC analyses (USEPA Method 826B)	1,4-Dioxane (USEPA Method 827D)	Alkalinity	Chloride	Cr (VI)	Metals (total/dissolved)				
TB-021521	02/15/21	0630	W	2	X									
P-112-021521	02/15/21	0916	W	5	X	X								
P-112-021521	02/15/21	0930	W	5	X	X								
MW-33-021521	02/15/21	1139	W	5	X	X								
MW-9-021521	02/15/21	1243	W	5	X	X								
MW-17-021521	02/15/21	1337	W	5	X	X								
P-114-021521	02/15/21	0835	W	5	X	X								
P-111-021621	02/16/21	0831	W	5	X	X								
GECC-905-021621	02/16/21	0933	W	5	X	X								
GECC-907-021621	02/16/21	1031	W	5	X	X								

RESULTS NEEDED
 NO LATER THAN

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	DATE	TIME	RECEIVED BY	DATE	TIME
	02/16/21	1200				<i>[Signature]</i>		
RELEASED BY								
RELEASED BY								
RELEASED BY								
SHIPPED VIA								

LAB Test Ameirca

DHS #

SPECIAL INSTRUCTIONS

Report to:
 Anil Dharmapal
 Project Manager
 Licensing, Safety and Nuclear Compliance
 3550 General Atomics Court, San Diego, CA 92121
 Office: (858) 455-2540, Cell: (858) 226-0582

ADD'L INFORMATION

STATUS

CONDITION

LAB SAMPLE #

DATE

TIME

DATE

TIME

DATE

TIME

RECEIVED BY

RECEIVED BY

RECEIVED BY

RECEIVED BY

RECEIVED BY

RECEIVED BY

DATE

DATE

DATE

DATE

DATE

TIME

TIME

TIME

TIME

TIME

COOLER #

TIME SENT

TIME SENT

TIME SENT

TIME SENT

TIME SENT

BLAINE

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0555

TECH SERVICES, INC.

CHAIN OF CUSTODY
 BTS # 210215-C2

CLIENT
 General Atomics

SITE
 General Atomics

11222 Flintoke

San Diego, CA

SAMPLE I.D.	DATE	TIME	MATRIX S = Sol O = H2O	CONTAINERS	TOTAL	CONDUCT ANALYSIS TO DETECT						ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
						VOC analyses (USEPA Method 8260B)	1,4-Dioxane (USEPA Method 8270D)	Alkalinity	Chloride	Cr (VI)	Metals (total/dissolved)				
6-E4-901-02181	02/16/12	1131	W		5	X	X								

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED	
	02/16/12	1200	Chris Zaleski	NO LATER THAN	
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
SHIPPED VIA	DATE SENT	TIME SENT	COOLER #	DATE	TIME

LAB Test America

DHS #

SPECIAL INSTRUCTIONS

Report to:
 Anil Dharmapal
 Project Manager
 Licensing, Safety and Nuclear Compliance
 3550 General Atomics Court, San Diego, CA 92121
 Office: (858) 455-2540, Cell: (858) 226-0582

BLAINE

TECH SERVICES, INC.

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
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CHAIN OF CUSTODY
 CLIENT **BTS # 210215-C21**
 General Atomics
 SITE **General Atomics**
 11222 Flintoke
 San Diego, CA

SAMPLE I.D.	DATE	TIME	MATRIX SO = H ₂ O = M	CONTAINERS TOTAL	CONDUCT ANALYSIS TO DETECT			
					ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
P-112-021521	02/15/21	0916	W	1 VOA				
P-113-021521	02/15/21	1030	W	1 VOA				
MW-33-021521	02/15/21	1139	W	1 VOA				
MW-9-021521	02/15/21	1243	W	1 VOA				
MW-17-021521	02/15/21	1337	W	1 VOA				
P-114-021521	02/15/21	1435	W	1 VOA				
P-111-021621	02/16/21	0831	W	1 VOA				
GEU-905-021621	02/16/21	0933	W	1 VOA				
GEU-902-021621	02/16/21	1031	W	1 VOA				
GEU-901-021621	02/16/21	1131	W	1 VOA				

SAMPLING COMPLETED 02/16/21 1200 PERFORMED BY Chris Zaleski

RELEASED BY [Signature]

RELEASED BY [Signature]

RELEASED BY [Signature]

SHIPPED VIA DATE SENT TIME SENT COOLER #

LAB **Prima** DHS #

SPECIAL INSTRUCTIONS
 Report to:
Anil Dharmapal
 Project Manager
 Licensing, Safety and Nuclear Compliance
 3550 General Atomics Court, San Diego, CA 92121
 Office: (858) 455-2540, Cell: (858) 226-0582

RESULTS NEEDED
 NO LATER THAN

WELL GAUGING DATA

Project # 210315-021 Date 03/15/21

Client General Atomics

Site 11222 Flintkote San Diego, CA

Well ID	Well Size (in.)	Time Gauged	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC
MW-8	4	1059					32.51	—	TOC
GECC-401	2	1003					28.43	—	
MW-1	4	0833					33.13	—	
MW-3	4	0837					32.51	—	
TW-3	4	0846					33.05	—	
SVE-1	4	0918					32.83	—	
SVE-2	4	1026					32.88	—	
SVE-3	4	0923					33.16	—	
SVE-4	4	0928					33.17	—	
SVE-5	4	0852					32.59	—	
SVE-6	2	0857					37.34	—	
SVE-7	4	0910					32.72	—	
SVE-8	4	0914					32.91	—	
SVE-9	4	0932					33.13	—	
SVE-10	4	0941					32.94	—	
SVE-11	4	0946					33.09	—	
SVE-12	4	0955					32.62	—	↓

WELL GAUGING DATA

Project # 210315-C21 Date 03/15/21

Client General Atomics

Site 11222 FlintKote San Diego, CA

Well ID	Well Size (in.)	Time Gauged	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC
SVE-13	4	1008					32.47	—	TOC
SVE-14	4	1012					32.14	—	
SVE-15	4	0841					32.44	—	
SVE-16	4	0903					31.72	—	
MW-34	2 4	1039					33.11	—	
MW-35	2	1046					32.89	—	
MW-36	2	1034					32.91	—	
MW-4	4	1104					33.38	—	
MW-5	4	0834	ODOR				10.641	—	
MW-7	4	0820					31.81	—	
MW-9	4	0920					15.43	—	
MW-33	4	0927					11.03	—	
MW-10	4	1111					32.44	—	
MW-10D	4	1115					32.24	—	
MW-17	4	0911					^{15.20} 23.58	—	
MW-23	4	1124					23.58	—	
GECC-901	2	0900					9.44	—	↓

WELL GAUGING DATA

Project # 210315-C21 Date 03/15/21 Client General Atomics

Site 11222 Flintkote San Diego, CA

Well ID	Well Size (in.)	Time Gauged	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC
GECC-902	2	0850					11.72	—	TOC
GECC-905	2	0844					14.40	—	↓
P-111	2	0840					14.45	—	
P-112	1	0855					13.09	—	
P-113	2	0906					9.16	—	
P-114	2	0931					8.21	—	
MW-21	4	0937					5.70	—	
MW-22	4	0942					4.80	—	
MW-22D	4	0947					4.11	—	
MW-12	4	0953					6.12	—	
MW-14	4	0959					7.89	—	
MW-13	4	1007					7.88	—	
MW-11S	4	1013					5.15	—	
MW-11D	4	1018					6.19	—	
MW-15	4	1029					4.34	—	
MW-16S	4	1035					2.63	—	
MW-16I	4	1042					2.30	—	

WELL GAUGING DATA

Project # 210315-C21 Date 03115/21 Client General Atomics

Site 11222 FlintKote San Diego, CA

Well ID	Well Size (in.)	Time Gauged	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC
MW-18S	4	1045					3.75	—	TOC
MW-18D	4	1048					3.34	—	
MW-19S	4	1206					2.52	—	
MW-19D	4	1148					1.18	—	
MW-20S	4	1059					1.56	—	
MW-32S	4	1108					2.08	—	
MW-30S	4	1245					5.71	—	
P-1	1	1230					3.83	—	
P-2	1	1211					3.74	—	
P-3	1	1137					2.04	—	↓

WELLHEAD INSPECTION CHECKLIST

Client General Atomics Date 03/15/21

Site Address 11222 Flintkote San Diego, CA

Job Number 210315-CZ1 Technician 12

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12" or less)	WELL IS CLEARLY MARKED WITH CORRECT IDENTIFICATION	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
MW-8	X	X	X							
GELL-401		X	X	X						X
MW-1	X	X	X							
MW-3	X	X	X							
TW-3	X	X	X							
SVE-1	X	X	X							
SVE-2	X	X	X							
SVE-3	X	X	X							
SVE-4	X	X	X							
SVE-5	X	X	X							
SVE-6	X	X	X							
SVE-7	X	X	X							
SVE-8	X	X	X							
SVE-9	X	X	X							
SVE-10	X	X	X							
SVE-11	X	X	X							
SVE-12	X	X	X							

NOTES: GELL-401 1/2 tubs stripped

WELLHEAD INSPECTION CHECKLIST

Client General Atomics Date 03/15/21
 Site Address 11222 Flintkote San Diego, CA
 Job Number 210315-C21 Technician CR

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12" or less)	WELL IS CLEARLY MARKED WITH CORRECT IDENTIFICATION	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
SVE-13	X	X	X							
SVE-14	X	X	X							
SVE-15	X	X	X							
SVE-16	X	X	X							
MW-34	X	X	X							
MW-35	X	X	X							
MW-36	X	X	X							
MW-4	X	X	X							
MW-5	X	X	X							
MW-7	X	X	X							
MW-9	X	X	X							
MW-33	X	X	X							
MW-10	X	X	X							
MW-10D	X	X	X							
MW-17	X	X	X							
MW-23	X	X	X							
GECL-901	X	X	X							

NOTES: _____

WELLHEAD INSPECTION CHECKLIST

Client General Atomics Date 03/19/21
 Site Address 11222 Flint Gate San Diego, CA
 Job Number 210315-021 Technician CZ

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12' or less)	WELL IS CLEARLY MARKED WITH CORRECT IDENTIFICATION	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
GEL-902	X	X	X							
GEL-905	X	X	X							
P-111	X	X	X							
P-112	X	X	X							
P-113	X	X	X							
P-114	X	X	X							
MW-21	X	X	X							
MW-22		X	X					X		
MW-22D	X	X	X							
MW-12	X	X	X							
MW-14	X	X	X							
MW-13	X	X	X							
MW-115	X	X	X							
MW-11D	X	X	X							
MW-15	X	X	X							
MW-16S	X	X	X							
MW-16I	X	X	X							

NOTES: MW-22 2/2 NEED REPAIR

WELLHEAD INSPECTION CHECKLIST

Client General Atomics Date 03/15/21
 Site Address 11222 Flintgate San Diego
 Job Number 210315 - C21 Technician C2

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12" or less)	WELL IS CLEARLY MARKED WITH CORRECT IDENTIFICATION	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
MW-185			X					X		
MW-181	X	X	✓							
MW-195	X	X	✓							
MW-191	X	X	X							
MW-205	X	X	X	X						
MW-325	X	X	X							
MW-305	X	X	X							
P-1	X	X	X							
P-2	X	X	X							
P-3	X	X	X							

NOTES: MW-185 1/2 BROKEN THRS, DAMAGED WELL LIP

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: DR		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: MW-8		Project Number: General Atomics	
Borehole Diameter: 8 10 (12) ___		Well Diameter: 2 3 (4) 6 8 ___	
Referenced to: (PVC) Grade		Water Column Height:	
Total Well Depth: QED		Depth to Water: 32.71 Time 2:10	
Depth to Free Product:		Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: Ultrameter YSI 556 YSI 550		ID: _____	
Decontamination Method: (Steam/High Pressure Wash)		3 Stage Rinse Other	
Recharge type: Fast ___ Slow ___		Water Level Indicator Type: GeoSlope Indicator ID: _____	

Purge Method: Bailer Waterra Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Dedicated Pump New Tubing
 Fixed Electric Submersible Other _____ Dedicated Tubing
 Variable Electric Submersible Other: _____

Purge Rate: 200 mL/min Start Purge: 0718

Purging Methods
 ___ Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/L)	Salinity (ppt)
0721	17.8	7.60	6.481	2	4.43	-17.1	33.30	600	4.803	4.15
0724	17.6	7.45	6.581	2	4.72	-13.6	33.37	1200	4.946	4.27
0727	17.2	7.36	6.607	1	4.78	-12.6	33.41	1800	5.037	4.31
0730	17.1	7.31	6.601	2	4.71	-12.0	33.42	2400	5.057	4.33
0733	16.9	7.24	6.572	2	4.74	-11.6	33.43	3000	5.043	4.31
0736	16.9	7.27	6.570	2	4.79	-11.7	33.43	3600	5.036	4.31

Did well dewater? Yes (No)		Volume actually evacuated: 36 L	
Sampling Date: 3/16/21		Sampling Time: 0737	
Sample I.D.: MW-8-031621		Laboratory: Test America RLMA	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW		Quantity: 8 Filterd: N/Y	
EB I.D. (if applicable):		Duplicate I.D. (if applicable):	
D.O. (if req'd): Pre-purge: mg/L		Post-purge: mg/L	
O.R.P. (if req'd): Pre-purge: mV		Post-purge: mV	
Field Sheet Checked by:			

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: C2		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: GELL-401		Project Number: General Atomics	
Borehole Diameter: 8 10 12 ___		Well Diameter: 2 3 4 6 8 ___	
Referenced to: PVC Grade		Water Column Height:	
Total Well Depth: <u>Acid pump</u>		Depth to Water: 28.43 Time: <u>las</u>	
Depth to Free Product: _____		Thickness of Free Product (feet): _____	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: Ultrameter YSI 556 YSI 550		ID: 623818	
Decontamination Method: Steam/High Pressure Wash		3 Stage Rinse Other	
Recharge type: Fast ___ Slow ___		Water Level Indicator Type: GeoSlope Indicator ID: 40749	

Purge Method:

Bailer	Watera	Bailer
Disposable Bailer	Peristaltic	Disposable Bailer
Positive Air Displacement	Dedicated Pump	New Tubing
Fixed Electric Submersible	Other _____	Dedicated Tubing
Variable Electric Submersible		Other: _____

Purge Rate: _____ Start Purge: _____

Purging Methods
 ___ Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/L)	Salinity (ppt)
0729	18.2	6.9	3932	71000	—	588	28.43	—	2968	—
— Permanganate detected, sample quenched w/ ascorbic acid — — No purge sample —										

Did well dewater? Yes No Volume actually evacuated: _____

Sampling Date: 03/16/21 Sampling Time: 0729 Depth to Water: 28.43

Sample I.D.: GELL-401-031621 Laboratory: (Test America) (Prima)

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW Quantity: 5 Filtered: N/Y

EB I.D. (if applicable): _____ Time Duplicate I.D. (if applicable): _____

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

Field Sheet Checked by: _____

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: <u>CZ</u>		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: <u>MW-1</u>		Project Number: General Atomics	
Borehole Diameter: 8 10 12 <u> </u>		Well Diameter: 2 3 <u>4</u> 6 8 <u> </u>	
Referenced to: <u>PVC</u> Grade		Water Column Height:	
Total Well Depth: <u>d ed. pump</u>		Depth to Water: <u>33.13</u> Time <u>0835</u>	
Depth to Free Product: <u> </u>		Thickness of Free Product (feet): <u> </u>	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: <u>Ultrameter</u> YSI 556 YSI 550		ID: <u>6233818</u>	
Decontamination Method: <u>Steam/High Pressure Wash</u>		3 Stage Rinse Other	
Recharge type: Fast <u> </u> Slow <u> </u>		Water Level Indicator Type: GeoSlope Indicator ID: <u>40799</u>	

Purge Method:

Bailer	Waterra	Bailer
Disposable Bailer	Peristaltic	<u>Disposable Bailer</u>
Positive Air Displacement	Dedicated Pump	New Tubing
Fixed Electric Submersible	Other <u> </u>	Dedicated Tubing
Variable Electric Submersible		Other: <u> </u>

Purge Rate: Start Purge:

Purging Methods

 Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: Time: Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/L)	Salinity (ppt)
0807	19.7	11.3	8886	28	—	610	33.13	—	7222	—
<u>permanganate detected, sample analyzed w/ ascorbic acid</u>										
<u>NO purge sample</u>										

Did well dewater? Yes No Volume actually evacuated:

Sampling Date: 03/16/21 Sampling Time: 0807 Depth to Water: 33.13

Sample I.D.: MW-1-031621 Laboratory: Test America Pr. mg

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW Quantity: 5 Filtered: D/Y

EB I.D. (if applicable): Duplicate I.D. (if applicable):

D.O. (if req'd):	Pre-purge: <u> </u> mg/L	Post-purge: <u> </u> mg/L
O.R.P. (if req'd):	Pre-purge: <u> </u> mV	Post-purge: <u> </u> mV

Field Sheet Checked by:

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: <u>R</u>		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: <u>MW-3</u>		Project Number: General Atomics	
Borehole Diameter: 8 10 <u>12</u> ___		Well Diameter: 2 3 <u>4</u> 6 8 ___	
Referenced to: <u>PVC</u> Grade		Water Column Height:	
Total Well Depth: <u>DED PUMP</u>		Depth to Water: <u>32.51</u> Time: <u>0837</u>	
Depth to Free Product:		Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: <u>Ultrameter</u> YSI 556 YSI 550		ID: _____	
Decontamination Method: <u>Steam/High Pressure Wash</u> 3 Stage Rinse Other			
Recharge type: Fast ___ Slow ___		Water Level Indicator Type: GeoSlope Indicator ID: _____	

Purge Method:

Bailer	Waterra	Bailer
<u>Disposable Bailer</u>	Peristaltic	<u>Disposable Bailer</u>
Positive Air Displacement	Dedicated Pump	New Tubing
Fixed Electric Submersible	Other _____	Dedicated Tubing
Variable Electric Submersible		Other: _____

Purge Rate: _____ Start Purge: _____

Purging Methods
 ___ Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/l)	Salinity (ppt)
<u>0830</u>	<u>17.0</u>	<u>4.86</u>	<u>28.53</u>	<u>21</u>	<u>—</u>	<u>700</u>	<u>32.51</u>	<u>—</u>	<u>28.97</u>	<u>—</u>
<u>PERMANGANATE</u>			<u>DETECTED, SAMPLE</u>			<u>QUENCHED W/ ASCORBIC ACID</u>				
<u>NO PURGE SAMPLE</u>										

Did well dewater? Yes No Volume actually evacuated: _____

Sampling Date: 3/16/21 Sampling Time: 0830 Depth to Water: 32.51

Sample I.D.: MW-3-031621 Laboratory: Test America, PRIMA

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW Quantity: 5 Filtered: N/Y

EB I.D. (if applicable): _____ Duplicate I.D. (if applicable): _____

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

Field Sheet Checked by: _____

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: <u>CZ</u>		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: <u>TW-3</u>		Project Number: General Atomics	
Borehole Diameter: 8 <u>10</u> 12		Well Diameter: 2 3 <u>4</u> 6 8	
Referenced to: <u>PVC</u> Grade		Water Column Height:	
Total Well Depth: <u>ded. pump</u>		Depth to Water: <u>33.05</u> Time <u>0846</u>	
Depth to Free Product:		Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: <u>Ultrameter</u> YSI 556 YSI 550		ID: <u>6258010</u>	
Decontamination Method: <u>Steam/High Pressure Wash</u> 3 Stage Rinse Other			
Recharge type: Fast <input type="checkbox"/> Slow <input type="checkbox"/>		Water Level Indicator Type: GeoSlope Indicator ID: <u>40744</u>	

Purge Method:

Bailer	Watterra	Bailer
Disposable Bailer	Peristaltic	<u>Disposable Bailer</u>
Positive Air Displacement	Dedicated Pump	New Tubing
Fixed Electric Submersible	Other	Dedicated Tubing
Variable Electric Submersible		Other: _____

Purge Rate: _____ Start Purge: _____

Purging Methods

Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/L)	Salinity (ppt)
0851	19.5	9.0	6495	51	—	655	33.05	—	5089	—
Permanganate detected, sample analyzed w/ ascorbic acid										
No purge sample										

Did well dewater? Yes No Volume actually evacuated: _____

Sampling Date: 03/16/21 Sampling Time: 0851 Depth to Water: 33.05

Sample I.D.: TW-3-031621 Laboratory: Test America Pr. Inc.

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW Quantity: 5 Filtered: N/Y

EB I.D. (if applicable): _____ Duplicate I.D. (if applicable): _____

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

Field Sheet Checked by: _____

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: <u>CZ</u>		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: <u>SUE-1</u>		Project Number: General Atomics	
Borehole Diameter: 8 10 12 <u> </u>		Well Diameter: 2 3 <u>4</u> 6 8 <u> </u>	
Referenced to: <u>PVE</u> Grade		Water Column Height:	
Total Well Depth:		Depth to Water: <u>32.83</u> Time <u>0915</u>	
Depth to Free Product: <u> </u>		Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: <u>Ultrameter</u> YSI 556 YSI 550		ID: <u>623388</u>	
Decontamination Method: <u>Steam/High Pressure Wash</u> 3 Stage Rinse Other			
Recharge type: Fast <u> </u> Slow <u> </u>		Water Level Indicator Type: GeoSlope Indicator ID: <u>40799</u>	

Purge Method:

<input type="checkbox"/> Bailer	<input type="checkbox"/> Waterra	<input type="checkbox"/> Bailer
<input type="checkbox"/> Disposable Bailer	<input type="checkbox"/> Peristaltic	<input checked="" type="checkbox"/> Disposable Bailer
<input type="checkbox"/> Positive Air Displacement	<input type="checkbox"/> Dedicated Pump	<input type="checkbox"/> New Tubing
<input type="checkbox"/> Fixed Electric Submersible	Other: <u> </u>	<input type="checkbox"/> Dedicated Tubing
<input type="checkbox"/> Variable Electric Submersible		Other: <u> </u>

Purge Rate: Start Purge:

Purging Methods
 Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: Time: Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/L)	Salinity (ppt)
0915	18.3	7.4	918	18	—	676	32.83	—	7429	—
<u>— Permanganate detected, sample quenched w/ascorbic acid —</u>										
<u>— No purge sample —</u>										

Did well dewater? Yes No Volume actually evacuated:

Sampling Date: 03/16/21 Sampling Time: 0915 Depth to Water: 32.83

Sample I.D.: SUE-1-031621 Laboratory: Test America, Pittsburg

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW Quantity: 5 Filtered: Y

EB I.D. (if applicable): Duplicate I.D. (if applicable):

D.O. (if req'd): Pre-purge: mg/L Post-purge: mg/L

O.R.P. (if req'd): Pre-purge: mV Post-purge: mV

Field Sheet Checked by:

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1	Date: 03/15/21
Sampler: <u>2</u>	Project Address: 11222 Flintkote Ave, San Diego
Well ID: <u>SVE-2</u>	Project Number: General Atomics
Borehole Diameter: 8 <u>10</u> 12	Well Diameter: 2 3 <u>4</u> 6 8
Referenced to: <u>PVE</u> Grade	Water Column Height:
Total Well Depth:	Depth to Water: <u>32.88</u> Time: <u>10:26</u>
Depth to Free Product:	Thickness of Free Product (feet):
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:	
Meter type/ID: <u>Ultrameter</u> YSI 556 YSI 550	ID: <u>6233818</u>
Decontamination Method: <u>Steam/High Pressure Wash</u> 3 Stage Rinse Other	
Recharge type: Fast <input type="checkbox"/> Slow <input type="checkbox"/>	Water Level Indicator Type: GeoSlope Indicator ID: <u>40744</u>

Purge Method:

<input checked="" type="checkbox"/> Bailer	<input type="checkbox"/> Waterra	<input type="checkbox"/> Bailer
<input type="checkbox"/> Disposable Bailer	<input type="checkbox"/> Peristaltic	<input checked="" type="checkbox"/> Disposable Bailer
<input type="checkbox"/> Positive Air Displacement	<input type="checkbox"/> Dedicated Pump	<input type="checkbox"/> New Tubing
<input type="checkbox"/> Fixed Electric Submersible	Other: _____	<input type="checkbox"/> Dedicated Tubing
<input type="checkbox"/> Variable Electric Submersible		Other: _____

Purge Rate: _____ Start Purge: _____

Purging Methods
 Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or μS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/L)	Salinity (ppt)
0933	17.9	8.3	13.52	30	—	695	32.88	—	11.57	—

Did well dewater? Yes No Volume actually evacuated: _____

Sampling Date: 03/16/21 Sampling Time: 0933 Depth to Water: _____

Sample I.D.: SVE-2-031621 Laboratory: Test America, P1, m3

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW Quantity: 5 Filtered: Y

EB I.D. (if applicable): _____ Duplicate I.D. (if applicable): _____

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

Field Sheet Checked by: _____

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1	Date: 03/15/21
Sampler: C2	Project Address: 11222 Flintkote Ave, San Diego
Well ID: SVE-3	Project Number: General Atomics
Borehole Diameter: 8 10 12	Well Diameter: 2 3 4 6 8
Referenced to: PVC Grade	Water Column Height:
Total Well Depth:	Depth to Water: 33.16 Time 0925
Depth to Free Product:	Thickness of Free Product (feet):
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:	
Meter type/ID: Ultrameter YSI 556 YSI 550	ID: 6253818
Decontamination Method: Steam/High Pressure Wash	3 Stage Rinse Other
Recharge type: Fast Slow	Water Level Indicator Type: GeoSlope Indicator ID:

Purge Method:

Bailer	Waterra	Bailer
Disposable Bailer	Peristaltic	Disposable Bailer
Positive Air Displacement	Dedicated Pump	New Tubing
Fixed Electric Submersible	Other _____	Dedicated Tubing
Variable Electric Submersible		Other: _____

Purge Rate: _____ Start Purge: _____

Purging Methods

Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/L)	Salinity (ppt)
0957	18.6	8.8	11.18	37	—	666	33.16	—	9328	—
— Permanganate detected, sample quenched w/ ascorbic acid —										
— No purge sample —										

Did well dewater? Yes No Volume actually evacuated: _____

Sampling Date: 03/16/21 Sampling Time: 0957 Depth to Water: 33.16

Sample I.D.: SVE-3-031621 Laboratory: Test America P.I. 1011

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW Quantity: 5 Filtered: Y

EB I.D. (if applicable): _____ Duplicate I.D. (if applicable): _____

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

Field Sheet Checked by: _____

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: <u>D2</u>		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: <u>SVE-4</u>		Project Number: General Atomics	
Borehole Diameter: 8 10 <u>(12)</u>		Well Diameter: 2 3 <u>(4)</u> 6 8	
Referenced to: <u>PVC</u> Grade		Water Column Height:	
Total Well Depth: _____		Depth to Water: <u>33.17</u>	Time: <u>09:20</u>
Depth to Free Product:		Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: <u>Ultrameter</u> YSI 556 YSI 550		ID: _____	
Decontamination Method: <u>Steam/High Pressure Wash</u> 3 Stage Rinse <input checked="" type="radio"/> Other			
Recharge type: <u>Fast</u> <u>Slow</u>		Water Level Indicator Type: <u>GeoSlope Indicator</u> ID: _____	

Purge Method:

<input type="checkbox"/> Bailer	<input type="checkbox"/> Waterra	<input type="checkbox"/> Bailer
<input type="checkbox"/> Disposable Bailer	<input type="checkbox"/> Peristaltic	<input checked="" type="checkbox"/> Disposable Bailer
<input type="checkbox"/> Positive Air Displacement	<input type="checkbox"/> Dedicated Pump	<input type="checkbox"/> New Tubing
<input type="checkbox"/> Fixed Electric Submersible	<input type="checkbox"/> Other _____	<input type="checkbox"/> Dedicated Tubing
<input type="checkbox"/> Variable Electric Submersible		<input type="checkbox"/> Other: _____

Purge Rate: _____ Start Purge: _____

Purging Methods
 Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/L)	Salinity (ppt)
<u>1008</u>	<u>19.6</u>	<u>9.86</u>	<u>12.58</u>	<u>18</u>	<u>—</u>	<u>656</u>	<u>33.17</u>	<u>—</u>	<u>9643</u>	<u>—</u>
<u>PERMANGANATE DETECTED, SAMPLE QUENCHED w/ ASCORBIC ACID</u>										
<u>NO PURGE SAMPLE</u>										

Did well dewater? Yes No Volume actually evacuated: _____

Sampling Date: 3/16/21 Sampling Time: 1008 Depth to Water: 33.17

Sample I.D.: SVE-4-031621 Laboratory: Test America, PRIMA

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW Quantity: 5 Filtered: N/Y

EB I.D. (if applicable): _____ Duplicate I.D. (if applicable): _____

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

Field Sheet Checked by: _____

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: <u>C2</u>		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: <u>SVE-5</u>		Project Number: General Atomics	
Borehole Diameter: 8 <u>10</u> 12		Well Diameter: 2 3 <u>4</u> 6 8	
Referenced to: <u>PVC</u> Grade		Water Column Height:	
Total Well Depth:		Depth to Water: <u>32.59</u> Time <u>0852</u>	
Depth to Free Product:		Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: <u>Ultrameter</u> YSI 556 YSI 550		ID: <u>6233010</u>	
Decontamination Method: <u>Steam/High Pressure Wash</u> 3 Stage Rinse Other			
Recharge type: Fast <u>Slow</u>		Water Level Indicator Type: GeoSlope Indicator ID: <u>40249</u>	

Purge Method: Bailer Waterra Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Dedicated Pump New Tubing
 Fixed Electric Submersible Other: _____ Dedicated Tubing
 Variable Electric Submersible Other: _____

Purge Rate: _____ Start Purge: _____

Purging Methods
 _____ Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/L)	Salinity (ppt)
1035	19.7	8.0	4518	71000	—	672	32.59	—	3417	—
<u>Permanganate detected, sample quenched w/ ascorbic acid</u>										
<u>No purge sample</u>										

Did well dewater? Yes No Volume actually evacuated: _____

Sampling Date: 03/16/21 Sampling Time: 1035 Depth to Water: _____

Sample I.D.: SVE-5-031621 Laboratory: Test America Proton

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW Quantity: 5 Filtered: Y

EB I.D. (if applicable): _____ Time _____ Duplicate I.D. (if applicable): _____

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

Field Sheet Checked by: _____

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: <u>D2</u>		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: <u>SVE-6</u>		Project Number: General Atomics	
Borehole Diameter: 8 10 <u>12</u> ___		Well Diameter: <u>(2)</u> 3 4 6 8 ___	
Referenced to: <u>PVC</u> Grade		Water Column Height:	
Total Well Depth: _____		Depth to Water: <u>37.34</u> Time <u>0857</u>	
Depth to Free Product:		Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: <u>Ultrameter</u> YSI 556 YSI 550		ID: _____	
Decontamination Method: Steam/High Pressure Wash 3 Stage Rinse Other			
Recharge type: Fast ___ Slow ___		Water Level Indicator Type: GeoSlope Indicator ID: _____	

Purge Method:

Bailer	Water	Bailer
Disposable Bailer	Peristaltic	Disposable Bailer
Positive Air Displacement	Dedicated Pump	New Tubing
Fixed Electric Submersible	Other _____	Dedicated Tubing
Variable Electric Submersible		Other: _____

Purge Rate: _____ Start Purge: _____

Purging Methods			
___ Method 3, Low-flow install pump at least 2hrs prior to start of purging:		Portable Pump Install Date: _____ Time: _____	Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/L)	Salinity (ppt)
<u>1100</u>	<u>17.5</u>	<u>7.04</u>	<u>6955</u>	<u>23</u>	—	<u>679</u>	<u>37.34</u>	—	<u>5506</u>	—
<u>PERMANGANATE DETECTED, SAMPLE QUENCHED w/ ASCORBIC ACID</u>										
<u>NO PURGE SAMPLE</u>										

Did well dewater? <u>Yes</u> <u>No</u>		Volume actually evacuated: _____	
Sampling Date: <u>3/14/21</u>		Sampling Time: <u>1100</u>	
Sample I.D.: <u>SVE-6-031621</u>		Depth to Water: <u>37.34</u>	
Laboratory: <u>Test America</u>		<u>PRIMA</u>	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) <u>See SOW</u>		Quantity: <u>5</u> Filtered: <u>N/Y</u>	
EB I.D. (if applicable): _____		Duplicate I.D. (if applicable): _____	
D.O. (if req'd): Pre-purge: _____ mg/L		Post-purge: _____ mg/L	
O.R.P. (if req'd): Pre-purge: _____ mV		Post-purge: _____ mV	
Field Sheet Checked by: _____			

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1	Date: 03/15/21
Sampler: <u>(2)</u>	Project Address: 11222 Flintkote Ave, San Diego
Well ID: <u>SVE-7</u>	Project Number: General Atomics
Borehole Diameter: 8 <u>10</u> 12	Well Diameter: 2 3 <u>4</u> 6 8
Referenced to: <u>PVC</u> Grade	Water Column Height:
Total Well Depth:	Depth to Water: <u>32.72</u> Time <u>0410</u>
Depth to Free Product:	Thickness of Free Product (feet):
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:	
Meter type/ID: <u>Ultrameter</u> YSI 556 YSI 550 ID: <u>6233818</u>	
Decontamination Method: <u>Steam/High Pressure Wash</u> 3 Stage Rinse Other	
Recharge type: Fast <input type="checkbox"/> Slow <input type="checkbox"/>	Water Level Indicator Type: GeoSlope Indicator ID: <u>40749</u>

Purge Method:

Bailer	Waterra	Bailer
Disposable Bailer	Peristaltic	<u>Disposable Bailer</u>
Positive Air Displacement	Dedicated Pump	New Tubing
Fixed Electric Submersible	Other: _____	Dedicated Tubing
Variable Electric Submersible		Other: _____

Purge Rate: _____ Start Purge: _____

Purging Methods

Method 3, Low-flow install pump at least 2hrs prior to start of purging; Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/l)	Salinity (ppt)
1115	14.6	7.1	4829	176	—	680	32.72	—	3667	—
<u>Permanganate detected, sample quenched w/ ascorbic acid</u>										
<u>NO purges sample</u>										

Did well dewater? Yes No Volume actually evacuated: _____

Sampling Date: 03/16/21 Sampling Time: 1115 Depth to Water: 32.72

Sample I.D.: SVE-7-031621 Laboratory: Test America P. 107

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (S) See SOW Quantity: 5 Filtered: N/Y

EB I.D. (if applicable): _____ Time _____ Duplicate I.D. (if applicable): _____

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

Field Sheet Checked by: _____

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: <u>CZ</u>		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: <u>SVE-8</u>		Project Number: General Atomics	
Borehole Diameter: 8 <u>10</u> 12		Well Diameter: 2 3 <u>4</u> 6 8	
Referenced to: <u>PGC</u> Grade		Water Column Height:	
Total Well Depth:		Depth to Water: <u>32.91</u> Time: <u>0914</u>	
Depth to Free Product:		Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: <u>Ultrameter</u> YSI 556 YSI 550		ID: <u>623388</u>	
Decontamination Method: <u>Steam/High Pressure Wash</u> 3 Stage Rinse Other			
Recharge type: Fast <u>Slow</u>		Water Level Indicator Type: GeoSlope Indicator ID: <u>48799</u>	

Purge Method:

<input type="checkbox"/> Bailer	<input type="checkbox"/> Waterra	<input type="checkbox"/> Bailer
<input type="checkbox"/> Disposable Bailer	<input type="checkbox"/> Peristaltic	<input type="checkbox"/> Disposable Bailer
<input type="checkbox"/> Positive Air Displacement	<input type="checkbox"/> Dedicated Pump	<input type="checkbox"/> New Tubing
<input type="checkbox"/> Fixed Electric Submersible	Other: _____	<input type="checkbox"/> Dedicated Tubing
<input type="checkbox"/> Variable Electric Submersible		Other: _____

Purge Rate: _____ Start Purge: _____

Purging Methods
 Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/L)	Salinity (ppt)
<u>1139</u>	<u>19.0</u>	<u>7.1</u>	<u>4459</u>	<u>39</u>	—	<u>668</u>	<u>32.91</u>	—	<u>3785</u>	—
<u>Permananganate detected, sample quenched w/ ascorbic acid</u>										
<u>No Purge sample</u>										

Did well dewater? Yes No Volume actually evacuated: _____

Sampling Date: 03/16/21 Sampling Time: 1139 Depth to Water: _____

Sample I.D.: SVE-8-031621 Laboratory: Test America Pr, mg

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW Quantity: 5 Filtered: N/Y

EB I.D. (if applicable): _____ Time _____ Duplicate I.D. (if applicable): _____

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

Field Sheet Checked by: _____

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21
Sampler: <u>DR</u>		Project Address: 11222 Flintkote Ave, San Diego
Well ID: <u>SVE-9</u>		Project Number: General Atomics
Borehole Diameter: 8 10 <u>12</u> ___	Well Diameter: 2 3 <u>4</u> 6 8 ___	
Referenced to: <u>PVC</u> Grade	Water Column Height:	
Total Well Depth: _____	Depth to Water: <u>33.13</u>	Time: <u>0932</u>
Depth to Free Product:	Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:		
Meter type/ID: <u>Ultrameter</u> YSI 556 YSI 550	ID: _____	
Decontamination Method: <u>Steam/High Pressure Wash</u> 3 Stage Rinse Other		
Recharge type: Fast ___ Slow ___	Water Level Indicator Type: GeoSlope Indicator ID: _____	

Purge Method: Bailer Watera Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Dedicated Pump New Tubing
 Fixed Electric Submersible Other _____ Dedicated Tubing
 Variable Electric Submersible Other: _____

Purge Rate: _____ Start Purge: _____

Purging Methods
 Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/l)	Salinity (ppt)
<u>1220</u>	<u>16.8</u>	<u>7.21</u>	<u>7252</u>	<u>17</u>	<u>—</u>	<u>670</u>	<u>33.13</u>	<u>—</u>	<u>5926</u>	<u>—</u>
<u>PERMANGANATE DETECTED, SAMPLE COLLECTED W/ ASCORBIC ACID</u>										
<u>NO PURGE SAMPLE</u>										

Did well dewater? Yes No Volume actually evacuated: _____

Sampling Date: 3/16/21 Sampling Time: 1220 Depth to Water: 33.13

Sample I.D.: SVE-9-031621 Laboratory: Test America AR110

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW Quantity: 5 Filtered: N/Y

EB I.D. (if applicable): _____ Time _____ Duplicate I.D. (if applicable): _____

D.O. (if req'd):	Pre-purge:	_____ mg/L	Post-purge:	_____ mg/L
O.R.P. (if req'd):	Pre-purge:	_____ mV	Post-purge:	_____ mV

Field Sheet Checked by: _____

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1	Date: 03/15/21
Sampler: C2	Project Address: 11222 Flintkote Ave, San Diego
Well ID: SVE-10	Project Number: General Atomics
Borehole Diameter: 8 10 12	Well Diameter: 2 3 (4) 6 8
Referenced to: PVC Grade	Water Column Height:
Total Well Depth:	Depth to Water: 32.94 Time: 0941
Depth to Free Product:	Thickness of Free Product (feet):
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:	
Meter type/ID: Ultrameter YSI 556 YSI 550	ID: 6258810
Decontamination Method: Steam/High Pressure Wash	3 Stage Rinse Other
Recharge type: Fast Slow	Water Level Indicator Type: GeoSlope Indicator ID: 4079

Purge Method:

<input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Fixed Electric Submersible <input type="checkbox"/> Variable Electric Submersible	<input type="checkbox"/> Waterra <input type="checkbox"/> Peristaltic <input type="checkbox"/> Dedicated Pump <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> New Tubing <input type="checkbox"/> Dedicated Tubing <input type="checkbox"/> Other
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Purge Rate: _____ Start Purge: _____

Purging Methods

Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS _{20°C} (mg/L)	Salinity (ppt)
1235	20.0	7.1	10.10	309	—	688	32.94	—	8277	—
Permanganate detected, sample of water checked w/ ascorbic acid										
No purge sample										

Did well dewater? Yes No Volume actually evacuated: _____

Sampling Date: 03/16/21 Sampling Time: 1235 Depth to Water: 32.94

Sample I.D.: SVE-10-031621 Laboratory: Test America (Pr. mg)

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW Quantity: 5 Filtered: NY

EB I.D. (if applicable): _____ Time _____ Duplicate I.D. (if applicable): _____

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

Field Sheet Checked by: _____

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: <u>DR</u>		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: <u>SVE-11</u>		Project Number: General Atomics	
Borehole Diameter: 8 10 <u>(12)</u> ___		Well Diameter: 2 3 <u>(4)</u> 6 8 ___	
Referenced to: <u>PVC</u> Grade		Water Column Height:	
Total Well Depth: _____		Depth to Water: <u>33.09</u> Time <u>0946</u>	
Depth to Free Product:		Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: Ultrameter YSI 556 YSI 550		ID: _____	
Decontamination Method: Steam/High Pressure Wash		3 Stage Rinse Other	
Recharge type: Fast ___ Slow ___		Water Level Indicator Type: GeoSlope Indicator ID: _____	

Purge Method:

Bailer	Waterra	Bailer
Disposable Bailer	Peristaltic	Disposable Bailer
Positive Air Displacement	Dedicated Pump	New Tubing
Fixed Electric Submersible	Other _____	Dedicated Tubing
Variable Electric Submersible		Other: _____

Purge Rate: _____ Start Purge: _____

Purging Methods
 ___ Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/l)	Salinity (ppt)
1300	16.8	7.07	4647	19	—	675	33.09	—	3411	—
PERMANGANATE DETECTED. SAMPLE QUENCHED w/ ASCORBIC ACID. NO PURGE SAMPLE.										

Did well dewater? Yes ~~No~~ Volume actually evacuated: _____

Sampling Date: 3/16/21 Sampling Time: 1300 Depth to Water: 33.09

Sample I.D.: SVE-11-031621 Laboratory: Test America PRIMA

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW Quantity: 15 Filtered: N/Y

EB I.D. (if applicable): _____ Time _____ Duplicate I.D. (if applicable): _____

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

Field Sheet Checked by: _____

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: C2		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: SUE-12		Project Number: General Atomics	
Borehole Diameter: 8 10 12		Well Diameter: 2 3 4 6 8	
Referenced to: PVS Grade		Water Column Height:	
Total Well Depth:		Depth to Water: 32.62 Time: 0955	
Depth to Free Product:		Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: Ultrameter YSI 556 YSI 550		ID: 6231818	
Decontamination Method: Steam/High Pressure Wash 3 Stage Rinse Other			
Recharge type: Fast <input type="checkbox"/> Slow <input type="checkbox"/>		Water Level Indicator Type: GeoSlope Indicator ID: 40799	

Purge Method:

<input type="checkbox"/> Bailer	<input type="checkbox"/> Waterra	<input type="checkbox"/> Bailer
<input type="checkbox"/> Disposable Bailer	<input type="checkbox"/> Peristaltic	<input checked="" type="checkbox"/> Disposable Bailer
<input type="checkbox"/> Positive Air Displacement	<input type="checkbox"/> Dedicated Pump	<input type="checkbox"/> New Tubing
<input type="checkbox"/> Fixed Electric Submersible	<input type="checkbox"/> Other: _____	<input type="checkbox"/> Dedicated Tubing
<input type="checkbox"/> Variable Electric Submersible		<input type="checkbox"/> Other: _____

Purge Rate: _____ Start Purge: _____

Purging Methods

Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/L)	Salinity (ppt)
1313	22.4	7.5	6014	34	—	669	32.62	—	4638	—
Permanganate detected, sample voided w/ ascorbic acid.										
No purge sample										

Did well dewater? Yes No Volume actually evacuated: _____

Sampling Date: 03/16/21 Sampling Time: 1313 Depth to Water: 32.62

Sample I.D.: SUE-12-031621 Laboratory: ~~Test America~~ (P. Imey)

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW Quantity: 5 Filtered: Y

EB I.D. (if applicable): _____ Time Duplicate I.D. (if applicable): _____

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

Field Sheet Checked by: _____

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: C2		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: SVE-13		Project Number: General Atomics	
Borehole Diameter: 8 <u>10</u> 12		Well Diameter: 2 3 <u>4</u> 6 8	
Referenced to: <u>PVC</u> Grade		Water Column Height:	
Total Well Depth:		Depth to Water: <u>32.47</u> Time: <u>1008</u>	
Depth to Free Product:		Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: <u>Ultrameter</u> YSI 556 YSI 550		ID: <u>6233018</u>	
Decontamination Method: <u>Steam/High Pressure Wash</u>		3 Stage Rinse Other	
Recharge type: Fast <u>Slow</u>		Water Level Indicator Type: GeoSlope Indicator ID: <u>10749</u>	

Purge Method:

<input type="checkbox"/> Bailer <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Fixed Electric Submersible <input type="checkbox"/> Variable Electric Submersible	<input checked="" type="checkbox"/> <u>Water</u> <input type="checkbox"/> Peristaltic <input type="checkbox"/> Dedicated Pump <input type="checkbox"/> Other	<input type="checkbox"/> Bailer <input checked="" type="checkbox"/> <u>Disposable Bailer</u> <input type="checkbox"/> New Tubing <input type="checkbox"/> Dedicated Tubing <input type="checkbox"/> Other
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Purge Rate: _____ Start Purge: _____

Purging Methods
 Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/L)	Salinity (ppt)
1341	22.9	7.1	6603	22	—	662	32.47	—	5156	—
Permanganate detected, sample analyzed w/ ascorbic acid										
No purge sample										

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Volume actually evacuated: _____	
Sampling Date: <u>03/16/21</u>		Sampling Time: <u>1341</u>	
Sample I.D.: <u>SVE-13-03/16/21</u>		Laboratory: <u>Test America</u>	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) <u>See SOW</u>		Quantity: <u>7</u>	Filtered: <u>NY</u>
EB I.D. (if applicable): _____		Duplicate I.D. (if applicable): _____	
D.O. (if req'd):	Pre-purge: _____ mg/L	Post-purge: _____ mg/L	
O.R.P. (if req'd):	Pre-purge: _____ mV	Post-purge: _____ mV	
Field Sheet Checked by: _____			

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: <u>DR</u>		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: <u>SVE-14</u>		Project Number: General Atomics	
Borehole Diameter: 8 10 <u>12</u> _____		Well Diameter: 2 3 <u>4</u> 6 8 _____	
Referenced to: <u>PVC</u> Grade		Water Column Height:	
Total Well Depth: _____		Depth to Water: <u>32.14</u> Time <u>1012</u>	
Depth to Free Product:		Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: <u>Ultrameter</u> YSI 556 YSI 550 ID: _____			
Decontamination Method: Steam/High Pressure Wash 3 Stage Rinse Other			
Recharge type: Fast _____ Slow _____		Water Level Indicator Type: GeoSlope Indicator ID: _____	

Purge Method:
 Bailer Watertra Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Dedicated Pump New Tubing
 Fixed Electric Submersible Other _____ Dedicated Tubing
 Variable Electric Submersible Other: _____

Purge Rate: _____ Start Purge: _____

Purging Methods
 Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/L)	Salinity (ppt)
<u>1400</u>	<u>15.4</u>	<u>7.27</u>	<u>4617</u>	<u>33</u>	<u>—</u>	<u>687</u>	<u>32.14</u>	<u>—</u>	<u>3594</u>	<u>—</u>
<u>PERMANGENATE DETECTED, SAMPLE QUENCHED w/ ASCORBIC ACID</u>										
<u>NO PURGE SAMPLE</u>										

Did well dewater? Yes _____ No _____ Volume actually evacuated: _____

Sampling Date: 3/16/21 Sampling Time: 1400 Depth to Water: 32.14

Sample I.D.: SVE-14-031621 Laboratory: Test America PRIMA

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW Quantity: 5 Filtered: N/Y

EB I.D. (if applicable): _____ Time _____ Duplicate I.D. (if applicable): _____

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

Field Sheet Checked by: _____

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: <u>CZ</u>		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: <u>SVE-15</u>		Project Number: General Atomics	
Borehole Diameter: 8 <u>10</u> 12		Well Diameter: 2 3 <u>4</u> 6 8	
Referenced to: <u>PVC</u> Grade		Water Column Height:	
Total Well Depth:		Depth to Water: <u>32.44</u> Time: <u>08:41</u>	
Depth to Free Product:		Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: <u>Ultrameter</u> YSI 556 YSI 550		ID: <u>6233818</u>	
Decontamination Method: <u>Steam/High Pressure Wash</u>		3 Stage Rinse Other	
Recharge type: Fast <input type="checkbox"/> Slow <input type="checkbox"/>		Water Level Indicator Type: GeoSlope Indicator ID: <u>70799</u>	

Purge Method:

<input checked="" type="checkbox"/> Bailer	<input type="checkbox"/> Waterra	<input type="checkbox"/> Bailer
<input checked="" type="checkbox"/> Disposable Bailer	<input type="checkbox"/> Peristaltic	<input checked="" type="checkbox"/> Disposable Bailer
<input type="checkbox"/> Positive Air Displacement	<input type="checkbox"/> Dedicated Pump	<input type="checkbox"/> New Tubing
<input type="checkbox"/> Fixed Electric Submersible	<input type="checkbox"/> Other: _____	<input type="checkbox"/> Dedicated Tubing
<input type="checkbox"/> Variable Electric Submersible		<input type="checkbox"/> Other: _____

Purge Rate: _____ Start Purge: _____

Purging Methods
 Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS ₂₀ (mg/L)	Salinity (ppt)
0753	18.1	7.1	16.09	15	—	681	32.44	—	13.79	—
<u>— Permanganate detected, sample advanced w/ ascorbic acid —</u>										
<u>— No purge sample —</u>										

Did well dewater? Yes No Volume actually evacuated: _____

Sampling Date: <u>031121</u>	Sampling Time: <u>0753</u>	Depth to Water: <u>32.44</u>
Sample I.D.: <u>SVE-15-031721</u>	Laboratory: <u>Test America</u> (<u>PRM</u>)	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) <u>See SOW</u>	Quantity: <u>5</u>	Filtered: <input checked="" type="checkbox"/> Y
EB I.D. (if applicable): _____	Time _____	Duplicate I.D. (if applicable): _____
D.O. (if req'd):	Pre-purge: _____ mg/L	Post-purge: _____ mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV	Post-purge: _____ mV
Field Sheet Checked by: _____		

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: PK		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: SVE-16		Project Number: General Atomics	
Borehole Diameter: 8 10 (12) _____		Well Diameter: 2 3 (4) 6 8 _____	
Referenced to: (PVC) Grade		Water Column Height:	
Total Well Depth: _____		Depth to Water: 31.72 Time 0903	
Depth to Free Product: _____		Thickness of Free Product (feet): _____	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: Ultrameter YSI 556 YSI 550		ID: _____	
Decontamination Method: Steam/High Pressure Wash 3 Stage Rinse Other			
Recharge type: Fast _____ Slow _____		Water Level Indicator Type: GeoSlope Indicator ID: _____	

Purge Method: Bailer Waterra Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Dedicated Pump New Tubing
 Fixed Electric Submersible Other _____ Dedicated Tubing
 Variable Electric Submersible Other: _____

Purge Rate: _____ Start Purge: _____

Purging Methods
 ___ Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/L)	Salinity (ppt)
0800	15.9	6.89	22.39	27	—	703	31.72	—	21.46	—
PERMANGANATE DETECTED, SAMPLE QUANTIFIED w/ DISCOBIC ACID NO PURGE SAMPLE										

Did well dewater? Yes _____ No _____ Volume actually evacuated: _____

Sampling Date: 3/17/21 Sampling Time: 0800 Depth to Water: 31.72

Sample I.D.: SVE-16-031721 Laboratory: Test America PRIMA

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW Quantity: 5 Filtered: NY

EB I.D. (if applicable): Time Duplicate I.D. (if applicable):

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

Field Sheet Checked by: _____

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: <u>CZ</u>		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: 2 MW-34 <u>MW-34</u>		Project Number: General Atomics	
Borehole Diameter: <u>8</u> 10 12		Well Diameter: <u>8</u> 3 4 6 8	
Referenced to: <u>PDC</u> Grade		Water Column Height:	
Total Well Depth: <u>drd, pump</u>		Depth to Water: <u>33.11</u> Time: <u>0834</u>	
Depth to Free Product: _____		Thickness of Free Product (feet): _____	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: <u>Ultrameter</u> YSI 556 YSI 550		ID: <u>623388</u>	
Decontamination Method: <u>Steam/High Pressure Wash</u>		3 Stage Rinse Other	
Recharge type: Fast <input type="checkbox"/> Slow <input type="checkbox"/>		Water Level Indicator Type: GeoSlope Indicator ID: <u>40744</u>	

Purge Method:

<input checked="" type="checkbox"/> Bailer	<input type="checkbox"/> Waterra	<input type="checkbox"/> Bailer
<input checked="" type="checkbox"/> Disposable Bailer	<input type="checkbox"/> Peristaltic	<input checked="" type="checkbox"/> Disposable Bailer
<input type="checkbox"/> Positive Air Displacement	<input type="checkbox"/> Dedicated Pump	<input type="checkbox"/> New Tubing
<input type="checkbox"/> Fixed Electric Submersible	<input type="checkbox"/> Other _____	<input type="checkbox"/> Dedicated Tubing
<input type="checkbox"/> Variable Electric Submersible		<input type="checkbox"/> Other: _____

Purge Rate: _____ Start Purge: _____

Purging Methods
 Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/L)	Salinity (ppt)
0834	17.9	11.2	524	126	—	684	33.11	—	3898	—
<u>— Permanganate detected, sample quenched w/ ascorbic acid —</u>										
<u>— No purge sample —</u>										

Did well dewater? Yes No Volume actually evacuated: _____

Sampling Date: <u>03/17/21</u>	Sampling Time: <u>0834</u>	Depth to Water: _____
Sample I.D.: <u>MW-34-031721</u>	Laboratory: <u>Test America (PV inc)</u>	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW	Quantity: <u>5</u>	Filtered: <u>NY</u>
EB I.D. (if applicable): _____	Time _____	Duplicate I.D. (if applicable): _____
D.O. (if req'd): Pre-purge: _____ mg/L	Post-purge: _____ mg/L	
O.R.P. (if req'd): Pre-purge: _____ mV	Post-purge: _____ mV	
Field Sheet Checked by: _____		

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: <u>12</u>		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: <u>MW-35</u>		Project Number: General Atomics	
Borehole Diameter: <u>8</u> 10 12		Well Diameter: <u>2</u> 3 4 6 8	
Referenced to: <u>eye</u> Grade		Water Column Height:	
Total Well Depth: <u>dad, pump</u>		Depth to Water: <u>32.89</u> Time <u>1040</u>	
Depth to Free Product: <u> </u>		Thickness of Free Product (feet): <u> </u>	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: <u>Ultrameter</u> YSI 556 YSI 550		ID: <u>62550.2</u>	
Decontamination Method: <u>Steam/High Pressure Wash</u>		3 Stage Rinse Other	
Recharge type: Fast <u> </u> Slow <u> </u>		Water Level Indicator Type: GeoSlope Indicator ID: <u>80799</u>	

Purge Method:

Bailer	Waterra	Bailer
Disposable Bailer	Peristaltic	<u>Disposable Bailer</u>
Positive Air Displacement	Dedicated Pump	New Tubing
Fixed Electric Submersible	Other <u> </u>	Dedicated Tubing
Variable Electric Submersible		Other: <u> </u>

Purge Rate: Start Purge:

Purging Methods
 Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: Time: Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	mi. Removed	TDS (mg/L)	Salinity (ppt)
0907	18.4	6.8	15.88	477	—	709	32.89	—	13.51	—
<u>— Permanganate detected, sample quenched w/ ascorbic acid —</u>										
<u>— No purge sample —</u>										

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Volume actually evacuated: <u> </u>	
Sampling Date: <u>03/17/21</u>		Sampling Time: <u>0907</u>	
Sample I.D.: <u>MW-35-031721</u>		Laboratory: <u>Test America (Perma)</u>	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) <u>See SOW</u>		Quantity: <u>5</u> Filtered: <u>Y</u>	
EB I.D. (if applicable): <u> </u>		Duplicate I.D. (if applicable): <u> </u>	
D.O. (if req'd):	Pre-purge: <u> </u> mg/L	Post-purge: <u> </u> mg/L	
O.R.P. (if req'd):	Pre-purge: <u> </u> mV	Post-purge: <u> </u> mV	
Field Sheet Checked by: <u> </u>			

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: <u>U2</u>		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: <u>MW-36</u>		Project Number: General Atomics	
Borehole Diameter: <u>8</u> 10 12		Well Diameter: <u>8</u> 3 4 6 8	
Referenced to: <u>PVO</u> Grade		Water Column Height:	
Total Well Depth: <u>ded. pump</u>		Depth to Water: <u>32.91</u> Time <u>10:34</u>	
Depth to Free Product:		Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: <u>Ultrameter</u> YSI 556 YSI 550		ID: <u>6233818</u>	
Decontamination Method: <u>Steam/High Pressure Wash</u>		3 Stage Rinse Other	
Recharge type: Fast <input type="checkbox"/> Slow <input type="checkbox"/>		Water Level Indicator Type: GeoSlope Indicator ID: <u>U40744</u>	

Purge Method:

Bailer	Waters	Bailer
Disposable Bailer	Peristaltic	<u>Disposable Bailer</u>
Positive Air Displacement	Dedicated Pump	New Tubing
Fixed Electric Submersible	Other _____	Dedicated Tubing
Variable Electric Submersible		Other: _____

Purge Rate: _____ Start Purge: _____

Purging Methods

Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS _{25°C} (mg/L)	Salinity (ppt)
0944	19.8	11.2	4436	85	—	681	32.91	—	3450	—
<u>— Permanganate detected, sample quenched w/ discharge acid</u>										
<u>— No purge sample</u>										

Did well dewater? Yes No Volume actually evacuated: _____

Sampling Date: 0311721 Sampling Time: 0944 Depth to Water: 32.91

Sample I.D.: MW-36-031721 Laboratory: Test America, Primary

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW Quantity: 5 Filterd: N/Y

EB I.D. (if applicable): _____ Duplicate I.D. (if applicable): _____

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

Field Sheet Checked by: _____

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: 12		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: MW-7		Project Number: General Atomics	
Borehole Diameter: 8 10 12		Well Diameter: 2 3 <u>4</u> 6 8	
Referenced to: <u>PVG</u> Grade		Water Column Height:	
Total Well Depth: <u>ded. pump</u>		Depth to Water: 31.81 Time <u>0820</u>	
Depth to Free Product:		Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: <u>Ultrameter</u> YSI 556 YSI 550		ID: <u>6235P18</u>	
Decontamination Method: <u>Steam/High Pressure Wash</u>		3 Stage Rinse Other	
Recharge type: Fast <input type="checkbox"/> Slow <input type="checkbox"/>		Water Level Indicator Type: GeoSlope Indicator ID: <u>40749</u>	

Purge Method:

<input type="checkbox"/> Bailer <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Fixed Electric Submersible <input type="checkbox"/> Variable Electric Submersible	<input checked="" type="checkbox"/> Waterra <input type="checkbox"/> Peristaltic <input type="checkbox"/> Dedicated Pump <input type="checkbox"/> Other: _____	<input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> New Tubing <input type="checkbox"/> Dedicated Tubing <input type="checkbox"/> Other: _____
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Purge Rate: _____ Start Purge: _____

Purging Methods
 Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/l)	Salinity (ppt)
1013	20.7	11.4	739.1	132	—	578	31.81	—	496.7	—
Permanganate detected sample given up d/w ascorbic acid										
No Purge sample										

Did well dewater? Yes No Volume actually evacuated: _____

Sampling Date: 03/15/21 Sampling Time: 1013 Depth to Water: 31.81

Sample I.D.: MW-7-031721 Laboratory: Test America, Primary

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW Quantity: 5 Filtered: NY

EB I.D. (if applicable): _____ Duplicate I.D. (if applicable): _____

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

Field Sheet Checked by: _____

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: DR		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: MW-9		Project Number: General Atomics	
Borehole Diameter: 8 10 (12) ___		Well Diameter: 2 3 (4) 6 8 ___	
Referenced to: PVC Grade		Water Column Height:	
Total Well Depth: GET		Depth to Water: 15.57 15.43 Time 1108	
Depth to Free Product:		Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: Ultrameter YSI 556 YSI 550		ID: 13C1000003	
Decontamination Method: Steam/High Pressure Wash		3 Stage Rinse Other	
Recharge type: Fast ___ Slow ___		Water Level Indicator Type: GeoSlope Indicator ID: _____	

Purge Method: Bailer Waterra Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Dedicated Pump New Tubing
 Fixed Electric Submersible Other _____ Dedicated Tubing
 Variable Electric Submersible Other: _____

Purge Rate: 200 ml/min Start Purge: 1110 * 0002 *

Purging Methods
 ___ Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/l)	Salinity (ppt)
1113	20.1	7.32	12.95	2	3.87	-31.4	15.44	600	9.211	8.23
1116	20.4	7.23	12.98	2	2.20	-28.4	15.44	1200	9.267	8.29
1119	19.4	7.17	12.63	2	1.44	-27.8	15.46	1800	9.159	8.18
1122	20.9	7.16	13.08	2	0.88	-28.2	15.52	2400	9.210	8.23
1125	21.2	7.14	13.26	2	0.74	-28.0	15.54	3000	9.300	8.32
1128	20.9	7.12	13.28	2	0.62	-28.4	15.54	3600	9.358	8.37
1131	20.9	7.12	13.32	2	0.58	-28.7	15.54	4200	9.374	8.39
1134	20.8	7.13	13.29	2	0.55	-29.0	15.54	4800	9.392	8.40

Did well dewater? Yes (No)		Volume actually evacuated: 4.8 L	
Sampling Date: 3/17/21		Sampling Time: 1135	
Sample I.D.: MW-9-031721		Laboratory: Test America PRMUT	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW		Quantity: 8 Filtered: (N/Y)	
EB I.D. (if applicable):		Duplicate I.D. (if applicable):	
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: mV
Field Sheet Checked by:			

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1			Date: 03/15/21		
Sampler: DR			Project Address: 11222 Flintkote Ave, San Diego		
Well ID: MW-33			Project Number: General Atomics		
Borehole Diameter: 8 10 (12) _____			Well Diameter: (2) 3 4 6 8 _____		
Referenced to: _____ (PVC) _____ Grade			Water Column Height:		
Total Well Depth: QED			Depth to Water: 10.99 Time: 158		
Depth to Free Product:			Thickness of Free Product (feet):		
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:					
Meter type/ID: Ultrameter YSI 556 YSI 550			ID: BCL00603		
Decontamination Method: Steam/High Pressure Wash			3 Stage Rinse		Other
Recharge type: Fast _____ Slow _____			Water Level Indicator Type: GeoSlope Indicator ID: _____		

Purge Method: Bailer Waterra Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Dedicated Pump New Tubing
 Fixed Electric Submersible Other _____ Dedicated Tubing
 Variable Electric Submersible Other: _____

Purge Rate: 200 ml/min → 100 ml/min Start Purge: 1200

Purging Methods
 _____ Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/L)	Salinity (ppt)
1203	20.7	7.16	27.98	8	1.06	-14.3	11.32	600	19.81	18.94
1206	20.7	7.10	27.95	5	1.01	-17.5	11.45	1200	19.76	18.91
1209	20.7	7.07	27.97	3	0.97	-20.0	11.48	1500	19.86	19.01
1212	20.0	7.06	27.62	3	0.91	-22.6	11.50	1800	19.89	19.04
1215	19.9	7.06	27.46	3	0.93	-23.8	11.51	2100	19.75	18.91
1218	20.0	7.06	27.58	3	0.93	-24.3	11.52	2400	19.79	18.94

SLOWED TO 100 ml/min

Did well dewater? Yes (No) Volume actually evacuated: 2.4 L

Sampling Date: 3/17/21 Sampling Time: 1219 Depth to Water: 11.5 L

Sample I.D.: MW-33-031721 Laboratory: Test America PRIMA

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW Quantity: 8 Filtered: (N/Y)

EB I.D. (if applicable): Time Duplicate I.D. (if applicable):

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

Field Sheet Checked by: _____

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: <u>12</u>		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: <u>MW-10</u>		Project Number: General Atomics	
Borehole Diameter: 8 <u>10</u> 12		Well Diameter: 2 3 <u>4</u> 6 8	
Referenced to: <u>PVC</u> Grade		Water Column Height:	
Total Well Depth: <u>App. Pump</u>		Depth to Water: <u>32.44</u> Time <u>11/1</u>	
Depth to Free Product:		Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: Ultrameter <u>YSI 556</u> YSI 550		ID: <u>145-104572</u>	
Decontamination Method: <u>Steam/High Pressure Wash</u> 3 Stage Rinse Other			
Recharge type: Fast <u>Slow</u>		Water Level Indicator Type: GeoSlope Indicator ID: <u>40749</u>	

Purge Method: Bailer Waterra Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Dedicated Pump New Tubing
 Fixed Electric Submersible Other _____ Dedicated Tubing
 Variable Electric Submersible Other: _____

Purge Rate: 200 mL/min Start Purge: 1128

Purging Methods
 Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/l)	Salinity (ppt)
1131	18.4	6.62	11.77	3	2.69	169.4	32.63	600	7631.00	6.72
1134	20.0	6.65	11.70	1	1.33	166.3	32.63	1200	7611.50	6.71
1137	20.1	6.67	11.77	1	1.06	158.4	32.63	1800	7652.05	6.74
1140	19.9	6.70	11.76	1	1.08	155.5	32.63	2400	7644.00	6.73
1143	20.1	6.71	11.76	1	1.05	154.0	32.63	3000	7651.00	6.74

Did well dewater? Yes <u>No</u>		Volume actually evacuated: <u>3000 mL</u>	
Sampling Date: <u>03/17/21</u>		Sampling Time: <u>1146</u> Depth to Water: <u>32.63</u>	
Sample I.D.: <u>MW-10-031721</u>		Laboratory: <u>Test America</u> <u>Prime</u>	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW		Quantity: <u>8</u> Filtered: <u>N/Y</u>	
EB I.D. (if applicable):		Duplicate I.D. (if applicable):	
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: mV
Field Sheet Checked by:			

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: <u>CZ</u>		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: <u>MW-10D</u>		Project Number: General Atomics	
Borehole Diameter: 8 <u>10</u> 12		Well Diameter: 2 3 <u>4</u> 6 8	
Referenced to: <u>PVC</u> Grade		Water Column Height: <u>45.74</u>	
Total Well Depth: <u>77.98</u>		Depth to Water: <u>32.24</u> Time <u>11:15</u>	
Depth to Free Product: _____		Thickness of Free Product (feet): _____	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: Ultrameter <u>YSI 556</u> YSI 550		ID: <u>195104517</u>	
Decontamination Method: <u>Steam/High Pressure Wash</u>		3 Stage Rinse Other	
Recharge type: Fast ___ Slow ___		Water Level Indicator Type: GeoSlope Indicator ID: <u>40749</u>	

Purge Method:	Bailer Disposable Bailer Positive Air Displacement Fixed Electric Submersible Variable Electric Submersible	Waterra Peristaltic Dedicated Pump Other <u>Bladder pump</u>	Bailer Disposable Bailer New Tubing Dedicated Tubing Other: _____
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Purge Rate: 200 mL/min Start Purge: 12:34

Purging Methods Method 3, Low-flow install pump at least 2hrs prior to start of purging:	Portable Pump Install Date: _____ Time: _____ Dedicated Pump
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Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/l)	Salinity (ppt)
1237	19.8	6.81	8.29	6	1.82	-99.2	32.33	600	5395.0	4.64
1240	19.8	6.76	8.37	4	1.22	-86.9	32.35	1200	5445.0	4.67
1243	19.6	6.73	8.38	3	0.94	-73.8	32.35	1800	5447.0	4.68
1246	19.9	6.72	8.40	3	0.77	-63.1	32.35	2400	5446.0	4.69
1249	20.1	6.71	8.39	3	0.72	-54.4	32.28	3000	5453.0	4.69
1252	20.1	6.70	8.40	3	0.73	-50.6	32.28	3600	5461.0	4.69
1255	20.0	6.70	8.42	3	0.74	-42.3	32.30	4200	5460.0	4.69
1258	20.0	6.65	8.40	3	0.72	-34.4	32.30	4800	5464.0	4.69
1301	19.9	6.68	8.4	3	0.78	-31.2	32.30	5400	5463.0	4.69
1304	19.9	6.68	8.40	3	0.69	-29.3	32.30	6000	5462.0	4.69

Did well dewater? Yes No Volume actually evacuated: 6000

Sampling Date: 03/17/21 Sampling Time: 13:07 Depth to Water: 32.30

Sample I.D.: MW-10D-031721 Laboratory: Test America Primary

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW Quantity: 8 Filterd: Y

EB I.D. (if applicable): _____ Duplicate I.D. (if applicable): DUP-1-031721

D.O. (if req'd): Pre-purge: _____ mg/L Post-purge: _____ mg/L

O.R.P. (if req'd): Pre-purge: _____ mV Post-purge: _____ mV

Field Sheet Checked by: _____

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: <u>DIR</u>		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: <u>MW-17</u>		Project Number: General Atomics	
Borehole Diameter: 8 10 <u>12</u> _____		Well Diameter: 2 3 <u>4</u> 6 8 _____	
Referenced to: _____ <u>PVC</u> Grade		Water Column Height:	
Total Well Depth: <u>QED</u>		Depth to Water: <u>15.10</u> Time: <u>3:15</u>	
Depth to Free Product:		Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: Ultrameter <u>YSI 556</u> YSI 550		ID: <u>13C1000603</u>	
Decontamination Method: Steam/High Pressure Wash		3 Stage Rinse Other	
Recharge type: Fast _____ Slow _____		Water Level Indicator Type: GeoSlope Indicator ID: _____	

Purge Method: Bailer Waterra Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Dedicated Pump New Tubing
 Fixed Electric Submersible Other _____ Dedicated Tubing
 Variable Electric Submersible Other: _____

Purge Rate: 200 ml/min Start Purge: 13:18

Purging Methods
 _____ Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/L)	Salinity (ppt)
1321	20.6	7.51	11.23	4	1.69	-24.9	15.16	600	7.945	7.01
1324	20.7	7.35	11.19	4	0.97	-24.5	15.17	1200	7.913	6.98
1327	20.7	7.30	11.17	4	0.77	-25.0	15.17	1800	7.900	6.97
1330	20.8	7.26	11.18	4	0.69	-24.6	15.18	2400	7.893	6.96
1333	20.8	7.25	11.17	3	0.62	-24.3	15.18	3000	7.890	6.96
1336	20.8	7.24	11.17	3	0.58	-23.8	15.18	3600	7.891	6.96

Did well dewater? Yes No Volume actually evacuated: 3.6L

Sampling Date: 3/17/21 Sampling Time: 1337 Depth to Water: 15.18

Sample I.D.: MW-17-031721 Laboratory: Test America PRIMA

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW Quantity: 8 Filtered: N/Y

EB I.D. (if applicable): Time Duplicate I.D. (if applicable):

D.O. (if req'd): Pre-purge: mg/L Post-purge: mg/L

O.R.P. (if req'd): Pre-purge: mV Post-purge: mV

Field Sheet Checked by: _____

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: C2		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: MW-23		Project Number: General Atomics	
Borehole Diameter: 8 10 12		Well Diameter: 2 3 4 6 8	
Referenced to: <u>PVD</u> Grade		Water Column Height:	
Total Well Depth: <u>ded, pump</u>		Depth to Water: 23.58 Time <u>1:24</u>	
Depth to Free Product:		Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: Ultrameter <u>YSI 556</u> YSI 550		ID: <u>19R104517</u>	
Decontamination Method: <u>Steam/High Pressure Wash</u>		3 Stage Rinse Other	
Recharge type: Fast <input type="checkbox"/> Slow <input type="checkbox"/>		Water Level Indicator Type: GeoSlope Indicator ID: <u>40749</u>	

Purge Method:	Bailer Disposable Bailer Positive Air Displacement Fixed Electric Submersible Variable Electric Submersible	Waterra Peristaltic <u>Dedicated Pump</u> Other:	Bailer Disposable Bailer New Tubing <u>Dedicated Tubing</u> Other:
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Purge Rate: 200 ml/min Start Purge: 0758

Purging Methods
 Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/l)	Salinity (ppt)
0801	20.4	6.70	16.76	2	2.21	156.3	23.72	600	10879.0	9.86
0804	20.6	6.78	16.73	1	2.15	148.9	23.83	1200	10871.0	9.86
0807	20.1	6.81	16.75	1	2.09	146.9	23.86	1800	10874.0	9.86
0810	19.5	6.83	16.71	1	1.99	146.3	23.90	2400	10861.0	9.84
0813	19.7	6.84	16.69	1	2.06	145.7	23.90	3000	10858.0	9.84

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Volume actually evacuated: <u>3000 ml</u>	
Sampling Date: <u>03/18/21</u>		Sampling Time: <u>0816</u>	
Sample I.D.: <u>MW-23-031821</u>		Laboratory: <u>Test America</u>	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) <u>See SOW</u>		Quantity: <u>8</u> Filtered: <u>Y</u>	
EB I.D. (if applicable):		Duplicate I.D. (if applicable):	
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: mV
Field Sheet Checked by:			

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: DR		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: <u>Gecc-901</u>		Project Number: General Atomics	
Borehole Diameter: 8 10 <u>12</u>		Well Diameter: <u>2</u> 3 4 6 8	
Referenced to: <u>PVC</u> Grade		Water Column Height:	
Total Well Depth: <u>GED</u>		Depth to Water: <u>9.45</u> Time <u>0800</u>	
Depth to Free Product:		Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: Ultrameter <u>YSI 556</u> YSI 550		ID: <u>13C100603</u>	
Decontamination Method: Steam/High Pressure Wash 3 Stage Rinse Other			
Recharge type: Fast <input type="checkbox"/> Slow <input checked="" type="checkbox"/>		Water Level Indicator Type: GeoSlope Indicator ID: _____	

Purge Method:

Bailer	Watterra	Bailer
Disposable Bailer	Peristaltic	Disposable Bailer
Positive Air Displacement	<u>Dedicated Pump</u>	New Tubing
Fixed Electric Submersible	Other _____	<u>Dedicated Tubing</u>
Variable Electric Submersible		Other: _____

Purge Rate: 100 mL/min Start Purge: 0807

Purging Methods
 ___ Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/L)	Salinity (ppt)
0810	19.3	7.55	20.38	6	1.64	-22.7	9.80	300	14.92	13.92
0813	18.8	7.51	20.44	5	0.83	-28.1	9.86	600	15.04	14.03
0816	19.3	7.51	20.74	5	0.65	-30.4	9.80	900	15.12	14.12
0819	19.7	7.47	21.00	4	0.54	-31.3	9.80	1200	15.20	14.20
0822	19.1	7.46	20.84	4	0.54	-31.9	9.80	1500	15.31	14.30
0825	19.0	7.46	20.26	4	0.52	-33.2	9.80	1800	15.14	14.13
0828	18.9	7.46	20.52	4	0.47	-33.9	9.80	2100	15.11	14.16

Did well dewater? Yes No Volume actually evacuated: 2.1 L

Sampling Date: 3/18/21 Sampling Time: 0829 Depth to Water: 9.80

Sample I.D.: Gecc-901-031821 Laboratory: Test America PRMUT

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW Quantity: 8 Filtered: N/Y

EB I.D. (if applicable): _____ Time Duplicate I.D. (if applicable): _____

D.O. (if req'd):	Pre-purge:	<u>mg/L</u>	Post-purge:	<u>mg/L</u>
O.R.P. (if req'd):	Pre-purge:	<u>mV</u>	Post-purge:	<u>mV</u>

Field Sheet Checked by: _____

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: 12		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: GELL-902		Project Number: General Atomic	
Borehole Diameter: 8 10 12		Well Diameter: 0 3 4 6 8	
Referenced to: PVC Grade		Water Column Height:	
Total Well Depth: dead pump		Depth to Water: 11.72 Time: 0850	
Depth to Free Product:		Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: Ultrameter YSI 556 YSI 550		ID: 19K162054	
Decontamination Method: Steam/High Pressure Wash		3 Stage Rinse Other	
Recharge type: Fast Slow		Water Level Indicator Type: GeoSlope Indicator ID: 40799	

Purge Method: Bailer Watertra Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Dedicated Pump New Tubing
 Fixed Electric Submersible Other Dedicated Tubing
 Variable Electric Submersible Other:

Purge Rate: 100 mL/min Start Purge: 0855

Purging Methods
 Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: Time: Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/l)	Salinity (ppt)
0858	20.3	7.05	9.16	9	0.71	110.5	11.84	300	5947.50	5.14
0901	20.8	7.00	9.14	12	0.52	112.4	11.85	600	5944.00	5.13
0904	21.2	6.97	9.15	9	0.32	115.4	11.88	900	5947.00	5.13
0907	21.0	6.95	9.14	7	0.28	117.3	11.84	1200	5944.00	5.13
0910	21.3	6.95	9.13	7	0.30	116.8	11.91	1500	5944.50	5.12
0913	21.5	6.94	9.14	6	0.27	105.7	11.93	1800	5944.50	5.12
0916	21.3	6.94	9.20	6	0.23	84.2	11.94	2100	5984.50	5.16
0919	20.8	6.93	9.11	5	0.27	82.8	11.94	2400	5921.50	5.11
0922	21.4	6.93	9.14	5	0.26	75.6	11.96	2700	5934.50	5.12

Did well dewater? Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		Volume actually evacuated: 2700 mL	
Sampling Date: 03/18/21		Sampling Time: 0925	
Sample I.D.: GELL-902-031821		Laboratory: Test America (P, mg)	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See SOW		Quantity: 8 Filtered: N/Y	
EB I.D. (if applicable):		Duplicate I.D. (if applicable):	
D.O. (if req'd): Pre-purge: mg/L		Post-purge: mg/L	
O.R.P. (if req'd): Pre-purge: mV		Post-purge: mV	
Field Sheet Checked by:			

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: DR		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: GECC-905		Project Number: General Atomics	
Borehole Diameter: 8 10 <u>12</u> ___		Well Diameter: <u>2</u> 3 4 6 8 ___	
Referenced to: <u>PVC</u> Grade		Water Column Height:	
Total Well Depth: <u>GEV</u>		Depth to Water: <u>14.30</u> Time <u>0854</u>	
Depth to Free Product:		Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: Ultrameter <u>YSI 556</u> YSI 550		ID: <u>13C100603</u>	
Decontamination Method: Steam/High Pressure Wash		3 Stage Rinse Other	
Recharge type: Fast ___ Slow ___		Water Level Indicator Type: GeoSlope Indicator ID: _____	

Purge Method: Bailer Waterra Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Dedicated Pump New Tubing
 Fixed Electric Submersible Other _____ Dedicated Tubing
 Variable Electric Submersible Other: _____

Purge Rate: 100 ml/min Start Purge: 0856

Purging Methods
 ___ Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/L)	Salinity (ppt)
0859	18.9	7.52	11.50	8	1.29	-33.3	14.42	300	8.446	7.50
0902	19.1	7.38	11.36	3	0.76	-32.2	14.42	600	8.306	7.37
0905	18.8	7.32	11.29	3	0.60	-32.4	14.42	900	8.301	7.36
0908	18.7	7.29	11.20	3	0.52	-32.9	14.42	1200	8.279	7.34
0911	18.6	7.29	11.17	3	0.48	-33.4	14.42	1500	8.257	7.32
0914	18.5	7.27	11.14	3	0.46	-34.0	14.42	1800	8.254	7.32

Did well dewater? Yes <u>No</u> Volume actually evacuated: <u>1.8 L</u>	
Sampling Date: <u>3/18/21</u>	Sampling Time: <u>0915</u> Depth to Water: <u>14.42</u>
Sample I.D.: <u>GECC-905-031821</u>	Laboratory: <u>Test America PRIMA</u>
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See <u>SOW</u>	Quantity: <u>8</u> Filtered: <u>N/Y</u>
EB I.D. (if applicable):	Time Duplicate I.D. (if applicable):
D.O. (if req'd): Pre-purge: mg/L Post-purge: mg/L	
O.R.P. (if req'd): Pre-purge: mV Post-purge: mV	
Field Sheet Checked by:	

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: <u>DL2</u>		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: <u>P-111</u>		Project Number: General Atomics	
Borehole Diameter: 8 10 <u>12</u> ___		Well Diameter: <u>2</u> 3 4 6 8 ___	
Referenced to: <u>PVC</u> Grade		Water Column Height:	
Total Well Depth: <u>QED</u>		Depth to Water: <u>14.60</u> Time <u>0938</u>	
Depth to Free Product:		Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: Ultrameter <u>YSI 556</u> YSI 550		ID: <u>13C100603</u>	
Decontamination Method: Steam/High Pressure Wash		3 Stage Rinse Other	
Recharge type: Fast ___ Slow ___		Water Level Indicator Type: GeoSlope Indicator ID: _____	

Purge Method: Bailer Waterra Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Dedicated Pump New Tubing
 Fixed Electric Submersible Other _____ Dedicated Tubing
 Variable Electric Submersible Other: _____

Purge Rate: 100 ml/min Start Purge: 0940

Purging Methods
 ___ Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (<u>mS</u> or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (<u>µg</u> / mg/l)	Salinity (ppt)
0943	19.9	7.44	11.09	989	1.59	-25.6	14.72	300	7.988	7.06
0946	20.2	7.33	11.18	71000	0.73	-26.3	14.72	600	7.993	7.06
0949	20.4	7.25	11.28	71000	0.51	-27.2	14.72	900	8.021	7.09
0952	20.4	7.23	11.27	71000	0.48	-27.7	14.72	1200	8.021	7.09
0955	20.7	7.22	11.31	71000	0.44	-28.2	14.72	1500	8.002	7.01
0958	20.8	7.21	11.35	71000	0.46	-29.7	14.72	1800	8.014	7.08

Did well dewater? Yes <u>No</u> Volume actually evacuated: <u>1.8 L</u>	
Sampling Date: <u>3/18/21</u>	Sampling Time: <u>0959</u> Depth to Water: <u>14.72</u>
Sample I.D.: <u>P-111-031821</u>	Laboratory: Test America <u>PR11112</u>
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) See <u>SOW</u>	Quantity: <u>8</u> Filtered: <u>N/Y</u>
EB I.D. (if applicable):	Time Duplicate I.D. (if applicable):
D.O. (if req'd): Pre-purge: mg/L Post-purge: mg/L	
O.R.P. (if req'd): Pre-purge: mV Post-purge: mV	
Field Sheet Checked by:	

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: <u> </u>		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: <u>P12</u>		Project Number: General Atomics	
Borehole Diameter: 8 10 12 <u> </u>		Well Diameter: 2 3 4 6 8 <u>6</u>	
Referenced to: <u> </u> <u> </u> <u> </u> Grade		Water Column Height:	
Total Well Depth: <u>ded. pump</u>		Depth to Water: <u>13.09</u> Time <u>08:55</u>	
Depth to Free Product: <u> </u>		Thickness of Free Product (feet): <u> </u>	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: Ultrameter <u>YSI 558</u> YSI 550		ID: <u>19E104517</u>	
Decontamination Method: <u>Steam/High Pressure Wash</u>		3 Stage Rinse Other	
Recharge type: Fast <u> </u> Slow <u> </u>		Water Level Indicator Type: GeoSlope Indicator ID: <u>40799</u>	

Purge Method:	Bailer Disposable Bailer Positive Air Displacement Fixed Electric Submersible Variable Electric Submersible	Waterra Peristaltic <u>Dedicated Pump</u> Other <u> </u>	Bailer Disposable Bailer New Tubing <u>Dedicated Tubing</u> Other: <u> </u>
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Purge Rate: 100 ml/min Start Purge: 0955

Purging Methods		
<input checked="" type="checkbox"/> Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: <u> </u> Time: <u> </u> <u>Dedicated Pump</u>		

Time	Temp (°C)	pH	Cond. (mS or μS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/l)	Salinity (ppt)
0958	22.8	7.02	9.30	30	3.36	1268	13.34	300	605.82	5.21
1001	23.1	6.98	9.33	34	1.71	1258	13.37	600	605.92	5.23
1004	23.1	6.96	9.32	27	0.68	1253	13.37	900	605.92	5.22
1007	23.1	6.95	9.35	16	0.46	1246	13.37	1200	605.90	5.24
1010	23.4	6.95	9.31	10	0.40	1234	13.37	1500	605.90	5.22
1013	23.0	6.94	9.31	10	0.36	1230	13.37	1800	605.90	5.21
1016	23.2	6.93	9.31	9	0.39	1211	13.37	2100	605.90	5.22

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Volume actually evacuated: <u>2100 ml</u>	
Sampling Date: <u>03118/21</u>		Sampling Time: <u>1019</u> Depth to Water: <u>13.37</u>	
Sample I.D.: <u>P-112-031824</u>		Laboratory: <u>Test America</u> (<u>Primary</u>)	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) <u>See SOW</u>		Quantity: <u>7</u> Filtered: <u>N/Y</u>	
EB I.D. (if applicable): <u> </u>		Duplicate I.D. (if applicable): <u> </u>	
D.O. (if req'd): Pre-purge: <u> </u> mg/L		Post-purge: <u> </u> mg/L	
O.R.P. (if req'd): Pre-purge: <u> </u> mV		Post-purge: <u> </u> mV	
Field Sheet Checked by: <u> </u>			

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: <u>C2</u>		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: <u>P-113</u>		Project Number: General Atomics	
Borehole Diameter: 8 10 12 <u> </u>		Well Diameter: <u>Ø</u> 3 4 6 8 <u> </u>	
Referenced to: <u>PVO</u> Grade		Water Column Height: <u>15.84</u>	
Total Well Depth: <u>25.00</u>		Depth to Water: <u>9.16</u> Time <u>0906</u>	
Depth to Free Product: <u> </u>		Thickness of Free Product (feet): <u> </u>	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: Ultrameter <u>YSI 556</u> YSI 550		ID: <u>19F104517</u>	
Decontamination Method: <u>Steam/High Pressure Wash</u>		3 Stage Rinse Other	
Recharge type: Fast <u> </u> Slow <u> </u>		Water Level Indicator Type: GeoSlope Indicator ID: <u>90799</u>	

Purge Method: Bailer Waterra Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Dedicated Pump New Tubing
 Fixed Electric Submersible Other Bladder pump Dedicated Tubing
 Variable Electric Submersible Other:

Purge Rate: 100 ml/min Start Purge: 1101

Purging Methods
 Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: Time: Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/l)	Salinity (ppt)
1104	21.4	7.19	16.78	125	1.65	164.9	9.54	300	10920.00	9.88
1107	21.7	7.18	16.85	108	1.38	167.8	9.69	600	10965.50	9.72
1110	21.1	7.18	16.76	89	0.92	166.2	9.72	900	10965.50	9.87
1113	21.2	7.21	16.55	75	0.78	165.4	9.72	1200	10894.00	9.69
1116	21.0	7.23	16.43	69	0.67	165.2	9.72	1500	10791.00	9.65
1119	20.5	7.24	16.32	59	0.59	165.7	9.72	1800	10600.00	9.58
1122	20.5	7.24	16.31	59	0.59	166.1	9.72	2100	10608.00	9.58
1125	20.3	7.24	16.34	57	0.58	166.4	9.72	2400	10621.00	9.61

Did well dewater? Yes <u>No</u>		Volume actually evacuated: <u>2400 mL</u>	
Sampling Date: <u>03/18/21</u>		Sampling Time: <u>1128</u> Depth to Water: <u>9.72</u>	
Sample I.D.: <u>P-113-031821</u>		Laboratory: <u>Test America (Pr. Inv)</u>	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) <u>See SOW</u>		Quantity: <u>8</u> Filterd: <u>N/Y</u>	
EB I.D. (if applicable):		Duplicate I.D. (if applicable):	
D.O. (if req'd): Pre-purge: mg/L		Post-purge: mg/L	
O.R.P. (if req'd): Pre-purge: mV		Post-purge: mV	
Field Sheet Checked by: <u> </u>			

SAN DIEGO COUNTY LOW FLOW WELL MONITORING DATA SHEET

BTS #: 210315-CZ1		Date: 03/15/21	
Sampler: DR		Project Address: 11222 Flintkote Ave, San Diego	
Well ID: P-114		Project Number: General Atomics	
Borehole Diameter: 8 10 <u>12</u>		Well Diameter: <u>2</u> 3 4 6 8	
Referenced to: <u>PVC</u> Grade		Water Column Height:	
Total Well Depth: <u>GED</u>		Depth to Water: <u>8.16</u> Time: <u>1027</u>	
Depth to Free Product:		Thickness of Free Product (feet):	
DTW with 80% Recharge of drawdown [(Maximum Drawdown during purging x 0.20) + DTW]:			
Meter type/ID: Ultrameter <u>YSI 556</u> YSI 550		ID: <u>13C100603</u>	
Decontamination Method: Steam/High Pressure Wash		3 Stage Rinse Other	
Recharge type: Fast <input type="checkbox"/> Slow <input checked="" type="checkbox"/>		Water Level Indicator Type: GeoSlope Indicator ID: _____	

Purge Method:

Bailer	Waterra	Bailer
Disposable Bailer	Peristaltic	Disposable Bailer
Positive Air Displacement	<u>Dedicated Pump</u>	New Tubing
Fixed Electric Submersible	Other _____	<u>Dedicated Tubing</u>
Variable Electric Submersible		Other: _____

Purge Rate: 100 ml/min Start Purge: 1031

Purging Methods
 Method 3, Low-flow install pump at least 2hrs prior to start of purging: Portable Pump Install Date: _____ Time: _____ Dedicated Pump

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP	Depth to Water	ml. Removed	TDS (mg/l)	Salinity (ppt)
1034	19.4	7.05	12.95	34	1.64	-12.7	8.20	300	9.425	8.44
1037	19.3	7.05	12.96	21	1.36	-15.0	8.26	600	9.449	8.47
1040	19.2	7.05	12.95	15	1.00	-19.6	8.27	900	9.457	8.48
1043	19.4	7.06	12.99	10	0.83	-23.0	8.27	1200	9.452	8.47
1046	19.2	7.06	12.98	10	0.80	-24.5	8.27	1500	9.477	8.50
1049	19.5	7.07	13.01	9	0.73	-26.6	8.27 8.27	1800	9.454	8.47
1052	9.5	7.08	13.03	10	0.70	-22.8	8.27	2100	9.467	8.49

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Volume actually evacuated: <u>2.1 L</u>	
Sampling Date: <u>3/18/21</u>		Sampling Time: <u>1053</u> Depth to Water: <u>8.27</u>	
Sample I.D.: <u>P-114-031821</u>		Laboratory: Test America <u>PRMVA</u>	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) <u>See SOW</u>		Quantity: <u>16</u> Filtered: <u>N/A</u>	
EB I.D. (if applicable): _____		Duplicate I.D. (if applicable): <u>DUP-2-031821</u>	
D.O. (if req'd):	Pre-purge: _____ mg/L	Post-purge: _____ mg/L	
O.R.P. (if req'd):	Pre-purge: _____ mV	Post-purge: _____ mV	
Field Sheet Checked by: _____			

BLAINE TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY
BTS # 210315-021

CLIENT
General Atomics

SITE
General Atomics

11222 Flintoke

San Diego, CA

1/2

LAB **Test America** **DHS #**

SPECIAL INSTRUCTIONS
Report to:
Anil Dharmapal
Project Manager
Licensing, Safety and Nuclear Compliance
3550 General Atomics Court, San Diego, CA 92121
Office: (858) 455-2540, Cell: (858) 226-0582

ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
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CONDUCT ANALYSIS TO DETECT						
VOC analyses (USEPA Method 8260B)	1,4-Dioxane (USEPA Method 8270D)	Alkalinity	Chloride	Cr (VI)	Metals (total/dissolved)	TOC
X						
X	X					
X	X					
X	X					
X	X					
X	X					
X	X					
X	X					
X	X					
X	X					

RESULTS NEEDED
NO LATER THAN

DATE | TIME | DATE | TIME
03/16/21 | 1513 | 3/16/21 | 1513

RECEIVED BY
William Rivera

SAMPLE I.D.	DATE	TIME	MATRIX # Soil # H2O	CONTAINERS TOTAL	SAMPLING PERFORMED BY
03-031621	03/16/21	0600	W	2	WRS
03-031621	03/16/21	0737	W	7	WRS
03-031621	03/16/21	0729	W	4	WRS
03-031621	03/16/21	0807	W	4	WRS
03-031621	03/16/21	0830	W	4	WRS
03-031621	03/16/21	0857	W	4	WRS
03-031621	03/16/21	0915	W	4	WRS
03-031621	03/16/21	0933	W	4	WRS
03-031621	03/16/21	0957	W	4	WRS
03-031621	03/16/21	1008	W	4	WRS

RELEASED BY
WRS

DATE | TIME | DATE | TIME | DATE | TIME | DATE | TIME
03/16/21 | 1400 |

RECEIVED BY
William Rivera

SHIPPED VIA

DATE SENT | TIME SENT | COOLER #

1/2

BLAINE
TECH SERVICES, INC.
1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY
BTS # 21015-121
General Atomics
General Atomics
11222 Flintoke
San Diego, CA

LAB		Test Ameirca		DHS #
SPECIAL INSTRUCTIONS				
Report to: Anil Dharmapal Project Manager Licensing, Safety and Nuclear Compliance 3550 General Atomics Court, San Diego, CA 92121 Office: (858) 455-2540, Cell: (858) 226-0582				

SAMPLE I.D.	DATE	TIME	MATRIX	CONTAINERS	CONDUCT ANALYSIS TO DETECT						RESULTS NEEDED NO LATER THAN	
					VOC analyses (USEPA Method 8260B)	1,4-Dioxane (USEPA Method 8270D)	Alkalinity	Chloride	Cr (VI)	Metals (total/dissolved)		TOC
10-031721	03/17/21	0600	W	2	X							
15-031721	03/17/21	0753	W	4	X	X						
16-031721	03/17/21	0800	W	4	X	X						
17-031721	03/17/21	0834	W	4	X	X						
25-031721	03/17/21	0907	W	4	X	X						
36-031721	03/17/21	0944	W	4	X	X						
05-031721	03/17/21	1013	W	4	X	X						
09-031721	03/17/21	1135	W	7	X	X						
33-031721	03/17/21	1249	W	7	X	X						
40-031721	03/17/21	1446	W	7	X	X						

Chromium
Zinc

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY
03/17/21	03/17/21	1615	William Rivera
RELEASED BY	DATE	TIME	RECEIVED BY
William Rivera	03/17/21	1615	William Rivera
RELEASED BY	DATE	TIME	RECEIVED BY
SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

2/2

BLAINE 1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0555

TECH SERVICES, INC.

CHAIN OF CUSTODY
 CLIENT **General Atomics**
 SITE **General Atomics**
 11222 Flintoke
 San Diego, CA

LAB Test America DHS #

SPECIAL INSTRUCTIONS
 Report to:
Anil Dharmapal
 Project Manager
 Licensing, Safety and Nuclear Compliance
 3550 General Atomics Court, San Diego, CA 92121
 Office: (858) 455-2540, Cell: (858) 226-0582

SAMPLE I.D.	DATE	TIME	MATRIX	CONTAINERS		CONDUCT ANALYSIS TO DETECT								ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
				SOIL	H2O	VOC analyses (USEPA Method 8260B)	1,4-Dioxane (USEPA Method 8270D)	Alkalinity	Chloride	Cr (VI)	Metals (total/dissolved)	TOC					
MS-10-031721	03/17/21	1307	W			X	X										
MS-17-031721	03/17/21	1337	W			X	X										
MS-1-031721	03/17/21	—	W			X	X										

RESULTS NEEDED NO LATER THAN

SAMPLING COMPLETED: DATE 03/17/21 TIME 1615 PERFORMED BY **Chris Zaleski**

RELEASED BY: DATE 03/17/21 TIME 1615 RECEIVED BY **William Rivera**

RELEASED BY: DATE [] TIME [] RECEIVED BY []

RELEASED BY: DATE [] TIME [] RECEIVED BY []

SHIPPED VIA: DATE SENT [] TIME SENT [] COOLER # []

BLAINE

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

TECH SERVICES, INC.

CHAIN OF CUSTODY
BTS # 210315-021
General Atomics
General Atomics
11222 Flintoke
San Diego, CA

SAMPLE I.D.	DATE	TIME	MATRIX SO H ₂ O	CONTAINERS	
				TOTAL	
TB-031821	03/18/21	0600	W	2	WMS
MW-031821	03/18/21	0816	W	7	WMS
GEU-901-031821	03/18/21	0829	W	7	
GEU-902-031821	03/18/21	0925	W	7	
GEU-905-031821	03/18/21	0915	W	7	
P-111-031821	03/18/21	0959	W	7	
P-112-031821	03/18/21	1019	W	7	
P-113-031821	03/18/21	1128	W	7	
P-114-031821	03/18/21	1053	W	7	
DUP-2-031821	03/18/21	—	W	7	↓

SAMPLING PERFORMED BY: *Chris Zaleski*
 SAMPLING COMPLETED DATE: 03/18/21 TIME: 1128
 RELEASED BY: *William Rivera* DATE: 03/18/21 TIME: 1350
 RECEIVED BY: *William Rivera* DATE: 3/18/21 TIME: 1350
 RELEASED BY: DATE: TIME:
 RECEIVED BY: DATE: TIME:
 SHIPPED VIA: DATE SENT: TIME SENT: COOLER #:

CONDUCT ANALYSIS TO DETECT		LAB	Test America	DHS #										
VOC analyses (USEPA Method 8260B)	1,4-Dioxane (USEPA Method 8270D)				Alkalinity	Chloride	Cr (VI)	Metals (total/dissolved)	TOC					
X														
X														
X														
X														
X														
X														
X														
X														
X														

SPECIAL INSTRUCTIONS
 Report to:
 Anil Dharmapal
 Project Manager
 Licensing, Safety and Nuclear Compliance
 3550 General Atomics Court, San Diego, CA 92121
 Office: (858) 455-2540, Cell: (858) 226-0582

RESULTS NEEDED NO LATER THAN

115

BLAINE

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

TECH SERVICES, INC.

CHAIN OF CUSTODY **BTS # 210315-(2)**

CLIENT General Atomics

SITE General Atomics

11222 Flintoke

San Diego, CA

SAMPLE I.D.	DATE	TIME	MATRIX S O H 2 O	CONTAINERS	
				TOTAL	
MW-8-031621	03/16/21	0737	W	1	✓ 018
6-EU-411-031621	03/16/21	0729	W	1	
MW-1-031621	03/16/21	0807	W	1	
MW-3-031621	03/16/21	0830	W	1	
TW-3-031621	03/16/21	0851	W	1	
SVE-1-031621	03/16/21	0915	W	1	
SVE-2-031621	03/16/21	0933	W	1	
SVE-3-031621	03/16/21	0957	W	1	
SVE-4-031621	03/16/21	1008	W	1	
SVE-5-031621	03/16/21	1035	W	1	↓

SAMPLING PERFORMED BY *Chris Zolteski*

CONDUCT ANALYSIS TO DETECT		LAB	Prima	DHS #
RESULTS NEEDED NO LATER THAN	NO LATER THAN			
Sodium Permanganate Concentrations		SPECIAL INSTRUCTIONS Report to: Anil Dharmapal Project Manager Licensing, Safety and Nuclear Compliance 3550 General Atomics Court, San Diego, CA 92121 Office: (858) 455-2540, Cell: (858) 226-0582		
		ADD'L INFORMATION	STATUS	CONDITION
				LAB SAMPLE #

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
<i>[Signature]</i>	03/18/21	1500	<i>[Signature]</i>		
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
SHIPPED VIA	DATE SENT	TIME SENT	COOLER #		

215

BLAINE

TECH SERVICES, INC.

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0555

CHAIN OF CUSTODY
 BTS # 210315-021
 General Atomics
 General Atomics
 11222 Flintoke
 San Diego, CA

LAB Prima DHS #

SPECIAL INSTRUCTIONS
 Report to:
 Anil Dharmapal
 Project Manager
 Licensing, Safety and Nuclear Compliance
 3550 General Atomics Court, San Diego, CA 92121
 Office: (858) 455-2540, Cell: (858) 226-0582

CONDUCT ANALYSIS TO DETECT	STATUS	CONDITION	LAB SAMPLE #
Sodium Permanganate Concentrations	X		
	X		
	X		
	X		
	X		
	X		
	X		
	X		
	X		
	X		
	X		
	X		
	X		
	X		
	X		

SAMPLE I.D.	DATE	TIME	MATRIX	CONTAINERS	TOTAL	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
SVE-6-031621	03/16/21	1100	W		1				
SVE-7-031621	03/16/21	1115	W		1				
SVE-8-031621	03/16/21	1139	W		1				
SVE-9-031621	03/16/21	1220	W		1				
SVE-10-031621	03/16/21	1235	W		1				
SVE-11-031621	03/16/21	1300	W		1				
SVE-12-031621	03/16/21	1313	W		1				
SVE-13-031621	03/16/21	1341	W		1				
SVE-14-031621	03/16/21	1400	W		1				
SVE-15-031721	03/17/21	0753	W		1				

SAMPLING COMPLETED	DATE	TIME	PERFORMED BY	RESULTS NEEDED
03/18/21	03/18/21	1128	Chr3 Zaleski	NO LATER THAN

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
<i>[Signature]</i>	03/18/21	1500	<i>[Signature]</i>		

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

365

BLAINE

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0555

TECH SERVICES, INC.

CHAIN OF CUSTODY
 CLIENT: General Atomics
 SITE: General Atomics
 11222 Flintoke
 San Diego, CA

LAB: Prima
 SPECIAL INSTRUCTIONS
 Report to:
 Anil Dharmapal
 Project Manager
 Licensing, Safety and Nuclear Compliance
 3550 General Atomics Court, San Diego, CA 92121
 Office: (858) 455-2540, Cell: (858) 226-0582

SAMPLE I.D.	DATE	TIME	MATRIX	CONTAINERS		SODIUM PERMANGANATE CONCENTRATIONS	STATUS	CONDITION	LAB SAMPLE #
				NO	TOTAL				
MW-16-031721	03/17/21	0806	W	1	1	X			
MW-14-031721	03/17/21	0834	W	1	1	X			
MW-25-031721	03/17/21	0907	W	1	1	X			
MW-36-031721	03/17/21	0944	W	1	1	X			
MW-7-031721	03/17/21	1013	W	1	1	X			
MW-9-031721	03/17/21	1135	W	1	1	X			
MW-33-031721	03/17/21	1219	W	1	1	X			
MW-10-031721	03/17/21	1146	W	1	1	X			
MW-100-031721	03/17/21	1307	W	1	1	X			

RESULTS NEEDED
NO LATER THAN

RECEIVED BY: Chris Zaleski
 DATE: 03/18/21
 TIME: 1500

RECEIVED BY: [Signature]
 DATE: []
 TIME: []

RECEIVED BY: []
 DATE: []
 TIME: []

SHIPPED VIA: []
 DATE SENT: []
 TIME SENT: []
 COOLER #: []

415

BLAINE
TECH SERVICES, INC.
1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY
CLIENT: General Atomics
SITE: General Atomics
11222 Flintoke
San Diego, CA

BTS # 210315-021

LAB **Prima** **DHS #**

SPECIAL INSTRUCTIONS
Report to:
Anil Dharmapal
Project Manager
Licensing, Safety and Nuclear Compliance
3550 General Atomics Court, San Diego, CA 92121
Office: (858) 455-2540, Cell: (858) 226-0582

SAMPLE I.D.	DATE	TIME	MATRIX	CONTAINERS	CONDUCT ANALYSIS TO DETECT				ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
					Sodium	Pernganganate	Concentrations					
MW-17-031821	03/18/21	1357	W	1	VOG				X			
MW-23-031821	03/18/21	0816	W	1	VOG				X			
GE(1901-031821	03/18/21	0829	W	1	VOG				X			
GE(1902-031821	03/18/21	0925	W	1	VOG				X			
GE(1905-031821	03/18/21	0915	W	1	VOG				X			
P-114-031821	03/18/21	0959	W	1	VOG				X			
P-112-031821	03/18/21	1019	W	1	VOG				X			
P-113-031821	03/18/21	1128	W	1	VOG				X			
P-114-031821	03/18/21	1053	W	1	VOG				X			

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED NO LATER THAN	
	03/18/21	1128	(handwritten signature)		
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
	03/18/21	1500			
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
SHIPPED VIA	DATE SENT	TIME SENT	COOLER #		

SPH Drum Log Sheet

Site Address: 11222 Flinthote Ave, San Diego

STATUS OF DRUM(S) UPON ARRIVAL						
Date	03/16/21	03/17/21	03/18/21			
Number of drum(s) empty:						
Number of drum(s) 1/4 full:		1	1			
Number of drum(s) 1/2 full:						
Number of drum(s) 3/4 full:						
Number of drum(s) full:	2	2	2			
Total drum(s) on site:	2	3	3			
Are the drum(s) properly labeled?	YES	YES	YES			
If any drum(s) are partially or totally filled, what is the first use date:	01/23/21	09/23/21	09/23/21			

If you add any product to an empty or partially filled drum, make sure the drum has at least 20 gals. of water in it first. Just offload purgewater into the drum, or DI water.
The drum **MUST** be steel **AND** labeled with the appropriate label.

STATUS OF DRUM(S) UPON DEPARTURE						
Date	03/16/21	03/17/21	03/18/21			
Number of drums empty:						
Number of drum(s) 1/4 full:	1	1				
Number of drum(s) 1/2 full:			1			
Number of drum(s) 3/4 full:						
Number of drum(s) full:	2	2	2			
Total drum(s) on site:	3	3	3			
Are the drum(s) properly labeled?	YES	YES	YES			

LOCATION OF DRUM(S)
Describe location of drum(s): <u>North East corner of parking lot near fencing</u>

FINAL STATUS						
Number of new drum(s) left on site this event	1					
Date of inspection:	03/18/21					
Logged by BTS Field Tech:	12					
Office reviewed by:						

Please Notify Property Owners of any Drums left onsite

Cwcej o gpv'C
Laboratory Analytical Reports

ANALYTICAL REPORT

Eurofins Calscience Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

Laboratory Job ID: 440-277714-1
Client Project/Site: General Atomics
Revision: 1

For:
General Atomics
PO BOX 85608
San Diego, California 92138-5608

Attn: Anil Dharmapal



Authorized for release by:
4/19/2021 5:25:41 PM

Lena Davidkov, Project Manager II
(949)260-3229
Lena.Davidkova@Eurofinset.com

LINKS

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results through
TotalAccess

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www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.





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Sample Summary

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
440-277714-1	MW-9-011821	Water	01/18/21 12:09	01/21/21 12:50	
440-277714-2	MW-17-011821	Water	01/18/21 11:04	01/21/21 12:50	
440-277714-3	P-114-011821	Water	01/18/21 09:57	01/21/21 12:50	
440-277714-4	MW-33-011821	Water	01/18/21 13:02	01/21/21 12:50	
440-277714-5	P-111-011821	Water	01/18/21 14:04	01/21/21 12:50	
440-277714-6	P-112-011821	Water	01/18/21 14:50	01/21/21 12:50	
440-277714-7	TB-011821	Water	01/18/21 07:15	01/21/21 12:50	
440-277714-8	GECC-901-011921	Water	01/19/21 08:59	01/21/21 12:50	
440-277714-9	P-113-011921	Water	01/19/21 09:48	01/21/21 12:50	
440-277714-10	GECC-902-011921	Water	01/19/21 10:41	01/21/21 12:50	
440-277714-11	GECC-905-011921	Water	01/19/21 12:22	01/21/21 12:50	

- 1
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- 9
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- 12
- 13
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Case Narrative

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Job ID: 440-277714-1

Laboratory: Eurofins Calscience Irvine

Narrative

**Job Narrative
440-277714-1**

Comments

This report was revised to include QC data for Trichlorotrifluoroethane

Receipt

The samples were received on 1/21/2021 12:50 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.3° C.

GC/MS VOA

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-124261.

Method 8260B: The following analyte(s) recovered outside control limits for the LCSD associated with analytical batch 570-124261: 1,2-Dichlorobenzene, 1,2,3-Trichlorobenzene and 1,4-Dichlorobenzene. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Method 8260B: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: MW-33-011821 (440-277714-4). Elevated reporting limits (RLs) are provided.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-124974.

Method 8260B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 570-124974 recovered outside control limits for the following analytes: 1,1,2,2-Tetrachloroethane, 1,2,3-Trichlorobenzene and Bromoform.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



Client Sample Results

Client: General Atomics
 Project/Site: General Atomics

Job ID: 440-277714-1

Client Sample ID: MW-9-011821

Lab Sample ID: 440-277714-1

Date Collected: 01/18/21 12:09

Matrix: Water

Date Received: 01/21/21 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			01/24/21 07:10	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			01/24/21 07:10	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			01/24/21 07:10	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			01/24/21 07:10	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			01/24/21 07:10	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			01/24/21 07:10	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			01/24/21 07:10	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			01/24/21 07:10	1
1,2,3-Trichlorobenzene	ND	*+	0.50	0.28	ug/L			01/24/21 07:10	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			01/24/21 07:10	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			01/24/21 07:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			01/24/21 07:10	1
1,2-Dichlorobenzene	ND	*+	0.50	0.23	ug/L			01/24/21 07:10	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			01/24/21 07:10	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			01/24/21 07:10	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			01/24/21 07:10	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			01/24/21 07:10	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			01/24/21 07:10	1
1,4-Dichlorobenzene	ND	*+	0.50	0.22	ug/L			01/24/21 07:10	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			01/24/21 07:10	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			01/24/21 07:10	1
2-Hexanone	ND		6.0	4.3	ug/L			01/24/21 07:10	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			01/24/21 07:10	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			01/24/21 07:10	1
Acetone	ND		8.0	4.0	ug/L			01/24/21 07:10	1
Benzene	ND		0.50	0.27	ug/L			01/24/21 07:10	1
Bromobenzene	ND		0.50	0.26	ug/L			01/24/21 07:10	1
Bromoform	ND		0.50	0.39	ug/L			01/24/21 07:10	1
Bromomethane	ND		1.0	0.93	ug/L			01/24/21 07:10	1
Carbon disulfide	ND		1.0	0.24	ug/L			01/24/21 07:10	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			01/24/21 07:10	1
Chlorobenzene	ND		0.50	0.24	ug/L			01/24/21 07:10	1
Bromochloromethane	ND		1.0	0.35	ug/L			01/24/21 07:10	1
Chloroethane	ND		0.50	0.44	ug/L			01/24/21 07:10	1
Chloroform	ND		0.50	0.28	ug/L			01/24/21 07:10	1
Chloromethane	ND		1.0	0.29	ug/L			01/24/21 07:10	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			01/24/21 07:10	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			01/24/21 07:10	1
Dibromochloromethane	ND		0.50	0.27	ug/L			01/24/21 07:10	1
Dibromomethane	ND		0.50	0.23	ug/L			01/24/21 07:10	1
Bromodichloromethane	ND		0.50	0.22	ug/L			01/24/21 07:10	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/24/21 07:10	1
Ethylbenzene	ND		0.50	0.36	ug/L			01/24/21 07:10	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			01/24/21 07:10	1
Isopropylbenzene	ND		0.50	0.38	ug/L			01/24/21 07:10	1
m,p-Xylene	ND		1.0	0.78	ug/L			01/24/21 07:10	1
Methylene Chloride	ND		1.0	0.48	ug/L			01/24/21 07:10	1
Naphthalene	ND		1.0	0.32	ug/L			01/24/21 07:10	1
n-Butylbenzene	ND		0.50	0.29	ug/L			01/24/21 07:10	1

Client Sample Results

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Client Sample ID: MW-9-011821

Lab Sample ID: 440-277714-1

Date Collected: 01/18/21 12:09

Matrix: Water

Date Received: 01/21/21 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.50	0.39	ug/L			01/24/21 07:10	1
o-Xylene	ND		0.50	0.35	ug/L			01/24/21 07:10	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			01/24/21 07:10	1
Styrene	ND		0.50	0.28	ug/L			01/24/21 07:10	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			01/24/21 07:10	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			01/24/21 07:10	1
Toluene	ND		0.50	0.33	ug/L			01/24/21 07:10	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			01/24/21 07:10	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			01/24/21 07:10	1
Trichloroethene	ND		0.50	0.29	ug/L			01/24/21 07:10	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			01/24/21 07:10	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			01/24/21 07:10	1
Vinyl chloride	ND		0.50	0.40	ug/L			01/24/21 07:10	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			01/24/21 07:10	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			01/24/21 07:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			01/24/21 07:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		80 - 128					01/24/21 07:10	1
Dibromofluoromethane (Surr)	91		80 - 127					01/24/21 07:10	1
Toluene-d8 (Surr)	96		80 - 120					01/24/21 07:10	1
4-Bromofluorobenzene (Surr)	95		68 - 120					01/24/21 07:10	1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	7.0		0.50	0.34	ug/L		01/22/21 11:36	01/25/21 16:33	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	61		15 - 150				01/22/21 11:36	01/25/21 16:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	98		46 - 128				01/22/21 11:36	01/25/21 16:33	1

Client Sample ID: MW-17-011821

Lab Sample ID: 440-277714-2

Date Collected: 01/18/21 11:04

Matrix: Water

Date Received: 01/21/21 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	3.2	ug/L			01/24/21 08:01	10
1,1,1,2-Tetrachloroethane	ND		5.0	2.6	ug/L			01/24/21 08:01	10
1,1,1-Trichloroethane	ND		5.0	2.7	ug/L			01/24/21 08:01	10
1,1,2,2-Tetrachloroethane	ND		5.0	1.9	ug/L			01/24/21 08:01	10
1,1,2-Trichloroethane	ND		5.0	0.85	ug/L			01/24/21 08:01	10
1,1-Dichloroethane	ND		5.0	3.5	ug/L			01/24/21 08:01	10
1,1-Dichloroethene	6.7		5.0	3.9	ug/L			01/24/21 08:01	10
1,1-Dichloropropene	ND		5.0	2.4	ug/L			01/24/21 08:01	10
1,2,3-Trichlorobenzene	ND	*+	5.0	2.8	ug/L			01/24/21 08:01	10
1,2,4-Trichlorobenzene	ND		5.0	3.8	ug/L			01/24/21 08:01	10
1,2,4-Trimethylbenzene	ND		5.0	2.9	ug/L			01/24/21 08:01	10
1,2-Dibromo-3-Chloropropane	ND		10	6.4	ug/L			01/24/21 08:01	10

Client Sample Results

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Client Sample ID: MW-17-011821

Lab Sample ID: 440-277714-2

Date Collected: 01/18/21 11:04

Matrix: Water

Date Received: 01/21/21 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND	*+	5.0	2.3	ug/L			01/24/21 08:01	10
1,2-Dichloroethane	ND		5.0	1.5	ug/L			01/24/21 08:01	10
1,2-Dichloropropane	ND		5.0	2.4	ug/L			01/24/21 08:01	10
1,3,5-Trimethylbenzene	ND		5.0	2.8	ug/L			01/24/21 08:01	10
1,3-Dichlorobenzene	ND		5.0	2.6	ug/L			01/24/21 08:01	10
1,3-Dichloropropane	ND		5.0	2.0	ug/L			01/24/21 08:01	10
1,4-Dichlorobenzene	ND	*+	5.0	2.2	ug/L			01/24/21 08:01	10
2,2-Dichloropropane	ND		5.0	4.0	ug/L			01/24/21 08:01	10
2-Chlorotoluene	ND		5.0	3.1	ug/L			01/24/21 08:01	10
2-Hexanone	ND		60	43	ug/L			01/24/21 08:01	10
4-Chlorotoluene	ND		5.0	3.4	ug/L			01/24/21 08:01	10
4-Isopropyltoluene	ND		5.0	2.8	ug/L			01/24/21 08:01	10
Acetone	ND		80	40	ug/L			01/24/21 08:01	10
Benzene	ND		5.0	2.7	ug/L			01/24/21 08:01	10
Bromobenzene	ND		5.0	2.6	ug/L			01/24/21 08:01	10
Bromoform	ND		5.0	3.9	ug/L			01/24/21 08:01	10
Bromomethane	ND		10	9.3	ug/L			01/24/21 08:01	10
Carbon disulfide	ND		10	2.4	ug/L			01/24/21 08:01	10
Carbon tetrachloride	ND		5.0	2.7	ug/L			01/24/21 08:01	10
Chlorobenzene	ND		5.0	2.4	ug/L			01/24/21 08:01	10
Bromochloromethane	ND		10	3.5	ug/L			01/24/21 08:01	10
Chloroethane	ND		5.0	4.4	ug/L			01/24/21 08:01	10
Chloroform	ND		5.0	2.8	ug/L			01/24/21 08:01	10
Chloromethane	ND		10	2.9	ug/L			01/24/21 08:01	10
cis-1,2-Dichloroethene	ND		5.0	3.0	ug/L			01/24/21 08:01	10
cis-1,3-Dichloropropene	ND		5.0	1.9	ug/L			01/24/21 08:01	10
Dibromochloromethane	ND		5.0	2.7	ug/L			01/24/21 08:01	10
Dibromomethane	ND		5.0	2.3	ug/L			01/24/21 08:01	10
Bromodichloromethane	ND		5.0	2.2	ug/L			01/24/21 08:01	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			01/24/21 08:01	10
Ethylbenzene	ND		5.0	3.6	ug/L			01/24/21 08:01	10
Hexachlorobutadiene	ND		10	3.2	ug/L			01/24/21 08:01	10
Isopropylbenzene	ND		5.0	3.8	ug/L			01/24/21 08:01	10
m,p-Xylene	ND		10	7.8	ug/L			01/24/21 08:01	10
Methylene Chloride	ND		10	4.8	ug/L			01/24/21 08:01	10
Naphthalene	ND		10	3.2	ug/L			01/24/21 08:01	10
n-Butylbenzene	ND		5.0	2.9	ug/L			01/24/21 08:01	10
N-Propylbenzene	ND		5.0	3.9	ug/L			01/24/21 08:01	10
o-Xylene	ND		5.0	3.5	ug/L			01/24/21 08:01	10
sec-Butylbenzene	ND		5.0	3.4	ug/L			01/24/21 08:01	10
Styrene	ND		5.0	2.8	ug/L			01/24/21 08:01	10
tert-Butylbenzene	ND		5.0	3.4	ug/L			01/24/21 08:01	10
Tetrachloroethene (PCE)	63		5.0	2.9	ug/L			01/24/21 08:01	10
Toluene	ND		5.0	3.3	ug/L			01/24/21 08:01	10
trans-1,2-Dichloroethene	ND		5.0	3.6	ug/L			01/24/21 08:01	10
trans-1,3-Dichloropropene	ND		5.0	1.7	ug/L			01/24/21 08:01	10
Trichloroethene	460		5.0	2.9	ug/L			01/24/21 08:01	10
Trichlorofluoromethane	5.8		5.0	3.0	ug/L			01/24/21 08:01	10
Trichlorotrifluoroethane	ND		5.0	2.5	ug/L			01/24/21 08:01	10

Client Sample Results

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Client Sample ID: MW-17-011821

Lab Sample ID: 440-277714-2

Date Collected: 01/18/21 11:04

Matrix: Water

Date Received: 01/21/21 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		5.0	4.0	ug/L			01/24/21 08:01	10
1,2-Dibromoethane (EDB)	ND		5.0	1.4	ug/L			01/24/21 08:01	10
2-Butanone (MEK)	ND		50	30	ug/L			01/24/21 08:01	10
4-Methyl-2-pentanone (MIBK)	ND		50	22	ug/L			01/24/21 08:01	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		80 - 128					01/24/21 08:01	10
Dibromofluoromethane (Surr)	95		80 - 127					01/24/21 08:01	10
Toluene-d8 (Surr)	99		80 - 120					01/24/21 08:01	10
4-Bromofluorobenzene (Surr)	90		68 - 120					01/24/21 08:01	10

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	12		0.50	0.34	ug/L		01/22/21 11:36	01/25/21 16:48	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	60		15 - 150				01/22/21 11:36	01/25/21 16:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	104		46 - 128				01/22/21 11:36	01/25/21 16:48	1

Client Sample ID: P-114-011821

Lab Sample ID: 440-277714-3

Date Collected: 01/18/21 09:57

Matrix: Water

Date Received: 01/21/21 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			01/24/21 07:35	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			01/24/21 07:35	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			01/24/21 07:35	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			01/24/21 07:35	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			01/24/21 07:35	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			01/24/21 07:35	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			01/24/21 07:35	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			01/24/21 07:35	1
1,2,3-Trichlorobenzene	ND	*+	0.50	0.28	ug/L			01/24/21 07:35	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			01/24/21 07:35	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			01/24/21 07:35	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			01/24/21 07:35	1
1,2-Dichlorobenzene	ND	*+	0.50	0.23	ug/L			01/24/21 07:35	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			01/24/21 07:35	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			01/24/21 07:35	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			01/24/21 07:35	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			01/24/21 07:35	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			01/24/21 07:35	1
1,4-Dichlorobenzene	ND	*+	0.50	0.22	ug/L			01/24/21 07:35	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			01/24/21 07:35	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			01/24/21 07:35	1
2-Hexanone	ND		6.0	4.3	ug/L			01/24/21 07:35	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			01/24/21 07:35	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			01/24/21 07:35	1

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Client Sample Results

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Client Sample ID: P-114-011821

Lab Sample ID: 440-277714-3

Date Collected: 01/18/21 09:57

Matrix: Water

Date Received: 01/21/21 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		8.0	4.0	ug/L			01/24/21 07:35	1
Benzene	ND		0.50	0.27	ug/L			01/24/21 07:35	1
Bromobenzene	ND		0.50	0.26	ug/L			01/24/21 07:35	1
Bromoform	ND		0.50	0.39	ug/L			01/24/21 07:35	1
Bromomethane	ND		1.0	0.93	ug/L			01/24/21 07:35	1
Carbon disulfide	ND		1.0	0.24	ug/L			01/24/21 07:35	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			01/24/21 07:35	1
Chlorobenzene	ND		0.50	0.24	ug/L			01/24/21 07:35	1
Bromochloromethane	ND		1.0	0.35	ug/L			01/24/21 07:35	1
Chloroethane	ND		0.50	0.44	ug/L			01/24/21 07:35	1
Chloroform	ND		0.50	0.28	ug/L			01/24/21 07:35	1
Chloromethane	ND		1.0	0.29	ug/L			01/24/21 07:35	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			01/24/21 07:35	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			01/24/21 07:35	1
Dibromochloromethane	ND		0.50	0.27	ug/L			01/24/21 07:35	1
Dibromomethane	ND		0.50	0.23	ug/L			01/24/21 07:35	1
Bromodichloromethane	ND		0.50	0.22	ug/L			01/24/21 07:35	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/24/21 07:35	1
Ethylbenzene	ND		0.50	0.36	ug/L			01/24/21 07:35	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			01/24/21 07:35	1
Isopropylbenzene	ND		0.50	0.38	ug/L			01/24/21 07:35	1
m,p-Xylene	ND		1.0	0.78	ug/L			01/24/21 07:35	1
Methylene Chloride	ND		1.0	0.48	ug/L			01/24/21 07:35	1
Naphthalene	ND		1.0	0.32	ug/L			01/24/21 07:35	1
n-Butylbenzene	ND		0.50	0.29	ug/L			01/24/21 07:35	1
N-Propylbenzene	ND		0.50	0.39	ug/L			01/24/21 07:35	1
o-Xylene	ND		0.50	0.35	ug/L			01/24/21 07:35	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			01/24/21 07:35	1
Styrene	ND		0.50	0.28	ug/L			01/24/21 07:35	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			01/24/21 07:35	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			01/24/21 07:35	1
Toluene	ND		0.50	0.33	ug/L			01/24/21 07:35	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			01/24/21 07:35	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			01/24/21 07:35	1
Trichloroethene	ND		0.50	0.29	ug/L			01/24/21 07:35	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			01/24/21 07:35	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			01/24/21 07:35	1
Vinyl chloride	ND		0.50	0.40	ug/L			01/24/21 07:35	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			01/24/21 07:35	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			01/24/21 07:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			01/24/21 07:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		80 - 128		01/24/21 07:35	1
Dibromofluoromethane (Surr)	91		80 - 127		01/24/21 07:35	1
Toluene-d8 (Surr)	95		80 - 120		01/24/21 07:35	1
4-Bromofluorobenzene (Surr)	92		68 - 120		01/24/21 07:35	1

Client Sample Results

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Client Sample ID: P-114-011821

Lab Sample ID: 440-277714-3

Date Collected: 01/18/21 09:57

Matrix: Water

Date Received: 01/21/21 12:50

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	8.4		0.50	0.34	ug/L		01/22/21 11:36	01/25/21 17:03	1
<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>1,4-Dioxane-d8</i>	<i>52</i>		<i>15 - 150</i>				<i>01/22/21 11:36</i>	<i>01/25/21 17:03</i>	<i>1</i>
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Nitrobenzene-d5 (Surr)</i>	<i>102</i>		<i>46 - 128</i>				<i>01/22/21 11:36</i>	<i>01/25/21 17:03</i>	<i>1</i>

Client Sample ID: MW-33-011821

Lab Sample ID: 440-277714-4

Date Collected: 01/18/21 13:02

Matrix: Water

Date Received: 01/21/21 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		1.0	0.64	ug/L			01/27/21 17:41	2
1,1,1,2-Tetrachloroethane	ND		1.0	0.51	ug/L			01/27/21 17:41	2
1,1,1-Trichloroethane	ND		1.0	0.53	ug/L			01/27/21 17:41	2
1,1,2,2-Tetrachloroethane	ND	*1	1.0	0.39	ug/L			01/27/21 17:41	2
1,1,2-Trichloroethane	ND		1.0	0.17	ug/L			01/27/21 17:41	2
1,1-Dichloroethane	ND		1.0	0.71	ug/L			01/27/21 17:41	2
1,1-Dichloroethene	ND		1.0	0.78	ug/L			01/27/21 17:41	2
1,1-Dichloropropene	ND		1.0	0.48	ug/L			01/27/21 17:41	2
1,2,3-Trichlorobenzene	ND	*1	1.0	0.55	ug/L			01/27/21 17:41	2
1,2,4-Trichlorobenzene	ND		1.0	0.75	ug/L			01/27/21 17:41	2
1,2,4-Trimethylbenzene	ND		1.0	0.57	ug/L			01/27/21 17:41	2
1,2-Dibromo-3-Chloropropane	ND		2.0	1.3	ug/L			01/27/21 17:41	2
1,2-Dichlorobenzene	ND		1.0	0.46	ug/L			01/27/21 17:41	2
1,2-Dichloroethane	ND		1.0	0.30	ug/L			01/27/21 17:41	2
1,2-Dichloropropane	ND		1.0	0.48	ug/L			01/27/21 17:41	2
1,3,5-Trimethylbenzene	ND		1.0	0.57	ug/L			01/27/21 17:41	2
1,3-Dichlorobenzene	ND		1.0	0.51	ug/L			01/27/21 17:41	2
1,3-Dichloropropane	ND		1.0	0.41	ug/L			01/27/21 17:41	2
1,4-Dichlorobenzene	ND		1.0	0.45	ug/L			01/27/21 17:41	2
2,2-Dichloropropane	ND		1.0	0.79	ug/L			01/27/21 17:41	2
2-Chlorotoluene	ND		1.0	0.62	ug/L			01/27/21 17:41	2
2-Hexanone	ND		12	8.6	ug/L			01/27/21 17:41	2
4-Chlorotoluene	ND		1.0	0.67	ug/L			01/27/21 17:41	2
4-Isopropyltoluene	ND		1.0	0.55	ug/L			01/27/21 17:41	2
Acetone	ND		16	8.0	ug/L			01/27/21 17:41	2
Benzene	ND		1.0	0.53	ug/L			01/27/21 17:41	2
Bromobenzene	ND		1.0	0.52	ug/L			01/27/21 17:41	2
Bromoform	ND	*1	1.0	0.78	ug/L			01/27/21 17:41	2
Bromomethane	ND		2.0	1.9	ug/L			01/27/21 17:41	2
Carbon disulfide	ND		2.0	0.49	ug/L			01/27/21 17:41	2
Carbon tetrachloride	ND		1.0	0.54	ug/L			01/27/21 17:41	2
Chlorobenzene	ND		1.0	0.48	ug/L			01/27/21 17:41	2
Bromochloromethane	ND		2.0	0.70	ug/L			01/27/21 17:41	2
Chloroethane	ND		1.0	0.88	ug/L			01/27/21 17:41	2
Chloroform	ND		1.0	0.57	ug/L			01/27/21 17:41	2
Chloromethane	ND		2.0	0.59	ug/L			01/27/21 17:41	2
cis-1,2-Dichloroethene	ND		1.0	0.60	ug/L			01/27/21 17:41	2

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Client Sample Results

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Client Sample ID: MW-33-011821

Lab Sample ID: 440-277714-4

Date Collected: 01/18/21 13:02

Matrix: Water

Date Received: 01/21/21 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.0	0.38	ug/L			01/27/21 17:41	2
Dibromochloromethane	ND		1.0	0.54	ug/L			01/27/21 17:41	2
Dibromomethane	ND		1.0	0.46	ug/L			01/27/21 17:41	2
Bromodichloromethane	ND		1.0	0.45	ug/L			01/27/21 17:41	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			01/27/21 17:41	2
Ethylbenzene	ND		1.0	0.71	ug/L			01/27/21 17:41	2
Hexachlorobutadiene	ND		2.0	0.63	ug/L			01/27/21 17:41	2
Isopropylbenzene	ND		1.0	0.77	ug/L			01/27/21 17:41	2
m,p-Xylene	ND		2.0	1.6	ug/L			01/27/21 17:41	2
Methylene Chloride	ND		2.0	0.96	ug/L			01/27/21 17:41	2
Naphthalene	ND		2.0	0.64	ug/L			01/27/21 17:41	2
n-Butylbenzene	ND		1.0	0.59	ug/L			01/27/21 17:41	2
N-Propylbenzene	ND		1.0	0.78	ug/L			01/27/21 17:41	2
o-Xylene	ND		1.0	0.70	ug/L			01/27/21 17:41	2
sec-Butylbenzene	ND		1.0	0.68	ug/L			01/27/21 17:41	2
Styrene	ND		1.0	0.55	ug/L			01/27/21 17:41	2
tert-Butylbenzene	ND		1.0	0.68	ug/L			01/27/21 17:41	2
Tetrachloroethene (PCE)	ND		1.0	0.58	ug/L			01/27/21 17:41	2
Toluene	ND		1.0	0.66	ug/L			01/27/21 17:41	2
trans-1,2-Dichloroethene	ND		1.0	0.72	ug/L			01/27/21 17:41	2
trans-1,3-Dichloropropene	ND		1.0	0.35	ug/L			01/27/21 17:41	2
Trichloroethene	4.4		1.0	0.58	ug/L			01/27/21 17:41	2
Trichlorofluoromethane	ND		1.0	0.59	ug/L			01/27/21 17:41	2
Trichlorotrifluoroethane	ND		1.0	0.50	ug/L			01/27/21 17:41	2
Vinyl chloride	ND		1.0	0.80	ug/L			01/27/21 17:41	2
1,2-Dibromoethane (EDB)	ND		1.0	0.27	ug/L			01/27/21 17:41	2
2-Butanone (MEK)	ND		10	6.1	ug/L			01/27/21 17:41	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.5	ug/L			01/27/21 17:41	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		80 - 128		01/27/21 17:41	2
Dibromofluoromethane (Surr)	98		80 - 127		01/27/21 17:41	2
Toluene-d8 (Surr)	99		80 - 120		01/27/21 17:41	2
4-Bromofluorobenzene (Surr)	93		68 - 120		01/27/21 17:41	2

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50	0.34	ug/L		01/22/21 11:36	01/25/21 17:17	1
Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1,4-Dioxane-d8	55		15 - 150	01/22/21 11:36	01/25/21 17:17	1			
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
Nitrobenzene-d5 (Surr)	103		46 - 128	01/22/21 11:36	01/25/21 17:17	1			

Client Sample Results

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Client Sample ID: P-111-011821

Lab Sample ID: 440-277714-5

Date Collected: 01/18/21 14:04

Matrix: Water

Date Received: 01/21/21 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		2.0	1.3	ug/L			01/27/21 18:06	4
1,1,1,2-Tetrachloroethane	ND		2.0	1.0	ug/L			01/27/21 18:06	4
1,1,1-Trichloroethane	ND		2.0	1.1	ug/L			01/27/21 18:06	4
1,1,2,2-Tetrachloroethane	ND	*1	2.0	0.78	ug/L			01/27/21 18:06	4
1,1,2-Trichloroethane	ND		2.0	0.34	ug/L			01/27/21 18:06	4
1,1-Dichloroethane	ND		2.0	1.4	ug/L			01/27/21 18:06	4
1,1-Dichloroethene	5.3		2.0	1.6	ug/L			01/27/21 18:06	4
1,1-Dichloropropene	ND		2.0	0.97	ug/L			01/27/21 18:06	4
1,2,3-Trichlorobenzene	ND	*1	2.0	1.1	ug/L			01/27/21 18:06	4
1,2,4-Trichlorobenzene	ND		2.0	1.5	ug/L			01/27/21 18:06	4
1,2,4-Trimethylbenzene	ND		2.0	1.1	ug/L			01/27/21 18:06	4
1,2-Dibromo-3-Chloropropane	ND		4.0	2.6	ug/L			01/27/21 18:06	4
1,2-Dichlorobenzene	ND		2.0	0.92	ug/L			01/27/21 18:06	4
1,2-Dichloroethane	ND		2.0	0.60	ug/L			01/27/21 18:06	4
1,2-Dichloropropane	ND		2.0	0.96	ug/L			01/27/21 18:06	4
1,3,5-Trimethylbenzene	ND		2.0	1.1	ug/L			01/27/21 18:06	4
1,3-Dichlorobenzene	ND		2.0	1.0	ug/L			01/27/21 18:06	4
1,3-Dichloropropane	ND		2.0	0.82	ug/L			01/27/21 18:06	4
1,4-Dichlorobenzene	ND		2.0	0.90	ug/L			01/27/21 18:06	4
2,2-Dichloropropane	ND		2.0	1.6	ug/L			01/27/21 18:06	4
2-Chlorotoluene	ND		2.0	1.2	ug/L			01/27/21 18:06	4
2-Hexanone	ND		24	17	ug/L			01/27/21 18:06	4
4-Chlorotoluene	ND		2.0	1.3	ug/L			01/27/21 18:06	4
4-Isopropyltoluene	ND		2.0	1.1	ug/L			01/27/21 18:06	4
Acetone	ND		32	16	ug/L			01/27/21 18:06	4
Benzene	ND		2.0	1.1	ug/L			01/27/21 18:06	4
Bromobenzene	ND		2.0	1.0	ug/L			01/27/21 18:06	4
Bromoform	ND	*1	2.0	1.6	ug/L			01/27/21 18:06	4
Bromomethane	ND		4.0	3.7	ug/L			01/27/21 18:06	4
Carbon disulfide	ND		4.0	0.98	ug/L			01/27/21 18:06	4
Carbon tetrachloride	ND		2.0	1.1	ug/L			01/27/21 18:06	4
Chlorobenzene	ND		2.0	0.95	ug/L			01/27/21 18:06	4
Bromochloromethane	ND		4.0	1.4	ug/L			01/27/21 18:06	4
Chloroethane	ND		2.0	1.8	ug/L			01/27/21 18:06	4
Chloroform	ND		2.0	1.1	ug/L			01/27/21 18:06	4
Chloromethane	ND		4.0	1.2	ug/L			01/27/21 18:06	4
cis-1,2-Dichloroethene	ND		2.0	1.2	ug/L			01/27/21 18:06	4
cis-1,3-Dichloropropene	ND		2.0	0.77	ug/L			01/27/21 18:06	4
Dibromochloromethane	ND		2.0	1.1	ug/L			01/27/21 18:06	4
Dibromomethane	ND		2.0	0.92	ug/L			01/27/21 18:06	4
Bromodichloromethane	ND		2.0	0.89	ug/L			01/27/21 18:06	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			01/27/21 18:06	4
Ethylbenzene	ND		2.0	1.4	ug/L			01/27/21 18:06	4
Hexachlorobutadiene	ND		4.0	1.3	ug/L			01/27/21 18:06	4
Isopropylbenzene	ND		2.0	1.5	ug/L			01/27/21 18:06	4
m,p-Xylene	ND		4.0	3.1	ug/L			01/27/21 18:06	4
Methylene Chloride	ND		4.0	1.9	ug/L			01/27/21 18:06	4
Naphthalene	ND		4.0	1.3	ug/L			01/27/21 18:06	4
n-Butylbenzene	ND		2.0	1.2	ug/L			01/27/21 18:06	4

Client Sample Results

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Client Sample ID: P-111-011821

Lab Sample ID: 440-277714-5

Date Collected: 01/18/21 14:04

Matrix: Water

Date Received: 01/21/21 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		2.0	1.6	ug/L			01/27/21 18:06	4
o-Xylene	ND		2.0	1.4	ug/L			01/27/21 18:06	4
sec-Butylbenzene	ND		2.0	1.4	ug/L			01/27/21 18:06	4
Styrene	ND		2.0	1.1	ug/L			01/27/21 18:06	4
tert-Butylbenzene	ND		2.0	1.4	ug/L			01/27/21 18:06	4
Tetrachloroethene (PCE)	50		2.0	1.2	ug/L			01/27/21 18:06	4
Toluene	ND		2.0	1.3	ug/L			01/27/21 18:06	4
trans-1,2-Dichloroethene	ND		2.0	1.4	ug/L			01/27/21 18:06	4
trans-1,3-Dichloropropene	ND		2.0	0.69	ug/L			01/27/21 18:06	4
Trichloroethene	120		2.0	1.2	ug/L			01/27/21 18:06	4
Trichlorofluoromethane	3.1		2.0	1.2	ug/L			01/27/21 18:06	4
Trichlorotrifluoroethane	ND		2.0	1.0	ug/L			01/27/21 18:06	4
Vinyl chloride	ND		2.0	1.6	ug/L			01/27/21 18:06	4
1,2-Dibromoethane (EDB)	ND		2.0	0.55	ug/L			01/27/21 18:06	4
2-Butanone (MEK)	ND		20	12	ug/L			01/27/21 18:06	4
4-Methyl-2-pentanone (MIBK)	ND		20	9.0	ug/L			01/27/21 18:06	4
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		80 - 128					01/27/21 18:06	4
Dibromofluoromethane (Surr)	96		80 - 127					01/27/21 18:06	4
Toluene-d8 (Surr)	102		80 - 120					01/27/21 18:06	4
4-Bromofluorobenzene (Surr)	94		68 - 120					01/27/21 18:06	4

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	11		0.50	0.34	ug/L		01/22/21 11:36	01/25/21 17:32	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	52		15 - 150				01/22/21 11:36	01/25/21 17:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	99		46 - 128				01/22/21 11:36	01/25/21 17:32	1

Client Sample ID: P-112-011821

Lab Sample ID: 440-277714-6

Date Collected: 01/18/21 14:50

Matrix: Water

Date Received: 01/21/21 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	3.2	ug/L			01/24/21 08:26	10
1,1,1,2-Tetrachloroethane	ND		5.0	2.6	ug/L			01/24/21 08:26	10
1,1,1-Trichloroethane	ND		5.0	2.7	ug/L			01/24/21 08:26	10
1,1,2,2-Tetrachloroethane	ND		5.0	1.9	ug/L			01/24/21 08:26	10
1,1,2-Trichloroethane	ND		5.0	0.85	ug/L			01/24/21 08:26	10
1,1-Dichloroethane	ND		5.0	3.5	ug/L			01/24/21 08:26	10
1,1-Dichloroethene	6.1		5.0	3.9	ug/L			01/24/21 08:26	10
1,1-Dichloropropene	ND		5.0	2.4	ug/L			01/24/21 08:26	10
1,2,3-Trichlorobenzene	ND	*+	5.0	2.8	ug/L			01/24/21 08:26	10
1,2,4-Trichlorobenzene	ND		5.0	3.8	ug/L			01/24/21 08:26	10
1,2,4-Trimethylbenzene	ND		5.0	2.9	ug/L			01/24/21 08:26	10
1,2-Dibromo-3-Chloropropane	ND		10	6.4	ug/L			01/24/21 08:26	10

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Client Sample Results

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Client Sample ID: P-112-011821

Lab Sample ID: 440-277714-6

Date Collected: 01/18/21 14:50

Matrix: Water

Date Received: 01/21/21 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND	*+	5.0	2.3	ug/L			01/24/21 08:26	10
1,2-Dichloroethane	ND		5.0	1.5	ug/L			01/24/21 08:26	10
1,2-Dichloropropane	ND		5.0	2.4	ug/L			01/24/21 08:26	10
1,3,5-Trimethylbenzene	ND		5.0	2.8	ug/L			01/24/21 08:26	10
1,3-Dichlorobenzene	ND		5.0	2.6	ug/L			01/24/21 08:26	10
1,3-Dichloropropane	ND		5.0	2.0	ug/L			01/24/21 08:26	10
1,4-Dichlorobenzene	ND	*+	5.0	2.2	ug/L			01/24/21 08:26	10
2,2-Dichloropropane	ND		5.0	4.0	ug/L			01/24/21 08:26	10
2-Chlorotoluene	ND		5.0	3.1	ug/L			01/24/21 08:26	10
2-Hexanone	ND		60	43	ug/L			01/24/21 08:26	10
4-Chlorotoluene	ND		5.0	3.4	ug/L			01/24/21 08:26	10
4-Isopropyltoluene	ND		5.0	2.8	ug/L			01/24/21 08:26	10
Acetone	ND		80	40	ug/L			01/24/21 08:26	10
Benzene	ND		5.0	2.7	ug/L			01/24/21 08:26	10
Bromobenzene	ND		5.0	2.6	ug/L			01/24/21 08:26	10
Bromoform	ND		5.0	3.9	ug/L			01/24/21 08:26	10
Bromomethane	ND		10	9.3	ug/L			01/24/21 08:26	10
Carbon disulfide	ND		10	2.4	ug/L			01/24/21 08:26	10
Carbon tetrachloride	ND		5.0	2.7	ug/L			01/24/21 08:26	10
Chlorobenzene	ND		5.0	2.4	ug/L			01/24/21 08:26	10
Bromochloromethane	ND		10	3.5	ug/L			01/24/21 08:26	10
Chloroethane	ND		5.0	4.4	ug/L			01/24/21 08:26	10
Chloroform	ND		5.0	2.8	ug/L			01/24/21 08:26	10
Chloromethane	ND		10	2.9	ug/L			01/24/21 08:26	10
cis-1,2-Dichloroethene	3.0	J	5.0	3.0	ug/L			01/24/21 08:26	10
cis-1,3-Dichloropropene	ND		5.0	1.9	ug/L			01/24/21 08:26	10
Dibromochloromethane	ND		5.0	2.7	ug/L			01/24/21 08:26	10
Dibromomethane	ND		5.0	2.3	ug/L			01/24/21 08:26	10
Bromodichloromethane	ND		5.0	2.2	ug/L			01/24/21 08:26	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			01/24/21 08:26	10
Ethylbenzene	ND		5.0	3.6	ug/L			01/24/21 08:26	10
Hexachlorobutadiene	ND		10	3.2	ug/L			01/24/21 08:26	10
Isopropylbenzene	ND		5.0	3.8	ug/L			01/24/21 08:26	10
m,p-Xylene	ND		10	7.8	ug/L			01/24/21 08:26	10
Methylene Chloride	ND		10	4.8	ug/L			01/24/21 08:26	10
Naphthalene	ND		10	3.2	ug/L			01/24/21 08:26	10
n-Butylbenzene	ND		5.0	2.9	ug/L			01/24/21 08:26	10
N-Propylbenzene	ND		5.0	3.9	ug/L			01/24/21 08:26	10
o-Xylene	ND		5.0	3.5	ug/L			01/24/21 08:26	10
sec-Butylbenzene	ND		5.0	3.4	ug/L			01/24/21 08:26	10
Styrene	ND		5.0	2.8	ug/L			01/24/21 08:26	10
tert-Butylbenzene	ND		5.0	3.4	ug/L			01/24/21 08:26	10
Tetrachloroethene (PCE)	65		5.0	2.9	ug/L			01/24/21 08:26	10
Toluene	ND		5.0	3.3	ug/L			01/24/21 08:26	10
trans-1,2-Dichloroethene	ND		5.0	3.6	ug/L			01/24/21 08:26	10
trans-1,3-Dichloropropene	ND		5.0	1.7	ug/L			01/24/21 08:26	10
Trichloroethene	450		5.0	2.9	ug/L			01/24/21 08:26	10
Trichlorofluoromethane	5.4		5.0	3.0	ug/L			01/24/21 08:26	10
Trichlorotrifluoroethane	ND		5.0	2.5	ug/L			01/24/21 08:26	10

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Client Sample Results

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Client Sample ID: P-112-011821

Lab Sample ID: 440-277714-6

Date Collected: 01/18/21 14:50

Matrix: Water

Date Received: 01/21/21 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		5.0	4.0	ug/L			01/24/21 08:26	10
1,2-Dibromoethane (EDB)	ND		5.0	1.4	ug/L			01/24/21 08:26	10
2-Butanone (MEK)	ND		50	30	ug/L			01/24/21 08:26	10
4-Methyl-2-pentanone (MIBK)	ND		50	22	ug/L			01/24/21 08:26	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		80 - 128					01/24/21 08:26	10
Dibromofluoromethane (Surr)	94		80 - 127					01/24/21 08:26	10
Toluene-d8 (Surr)	100		80 - 120					01/24/21 08:26	10
4-Bromofluorobenzene (Surr)	91		68 - 120					01/24/21 08:26	10

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	13		0.50	0.34	ug/L		01/22/21 11:36	01/25/21 17:47	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	52		15 - 150				01/22/21 11:36	01/25/21 17:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	97		46 - 128				01/22/21 11:36	01/25/21 17:47	1

Client Sample ID: TB-011821

Lab Sample ID: 440-277714-7

Date Collected: 01/18/21 07:15

Matrix: Water

Date Received: 01/21/21 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			01/24/21 05:01	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			01/24/21 05:01	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			01/24/21 05:01	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			01/24/21 05:01	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			01/24/21 05:01	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			01/24/21 05:01	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			01/24/21 05:01	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			01/24/21 05:01	1
1,2,3-Trichlorobenzene	ND	*+	0.50	0.28	ug/L			01/24/21 05:01	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			01/24/21 05:01	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			01/24/21 05:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			01/24/21 05:01	1
1,2-Dichlorobenzene	ND	*+	0.50	0.23	ug/L			01/24/21 05:01	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			01/24/21 05:01	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			01/24/21 05:01	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			01/24/21 05:01	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			01/24/21 05:01	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			01/24/21 05:01	1
1,4-Dichlorobenzene	ND	*+	0.50	0.22	ug/L			01/24/21 05:01	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			01/24/21 05:01	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			01/24/21 05:01	1
2-Hexanone	ND		6.0	4.3	ug/L			01/24/21 05:01	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			01/24/21 05:01	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			01/24/21 05:01	1

Eurofins Calscience Irvine

Client Sample Results

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Client Sample ID: TB-011821

Lab Sample ID: 440-277714-7

Date Collected: 01/18/21 07:15

Matrix: Water

Date Received: 01/21/21 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		8.0	4.0	ug/L			01/24/21 05:01	1
Benzene	ND		0.50	0.27	ug/L			01/24/21 05:01	1
Bromobenzene	ND		0.50	0.26	ug/L			01/24/21 05:01	1
Bromoform	ND		0.50	0.39	ug/L			01/24/21 05:01	1
Bromomethane	ND		1.0	0.93	ug/L			01/24/21 05:01	1
Carbon disulfide	ND		1.0	0.24	ug/L			01/24/21 05:01	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			01/24/21 05:01	1
Chlorobenzene	ND		0.50	0.24	ug/L			01/24/21 05:01	1
Bromochloromethane	ND		1.0	0.35	ug/L			01/24/21 05:01	1
Chloroethane	ND		0.50	0.44	ug/L			01/24/21 05:01	1
Chloroform	ND		0.50	0.28	ug/L			01/24/21 05:01	1
Chloromethane	ND		1.0	0.29	ug/L			01/24/21 05:01	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			01/24/21 05:01	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			01/24/21 05:01	1
Dibromochloromethane	ND		0.50	0.27	ug/L			01/24/21 05:01	1
Dibromomethane	ND		0.50	0.23	ug/L			01/24/21 05:01	1
Bromodichloromethane	ND		0.50	0.22	ug/L			01/24/21 05:01	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/24/21 05:01	1
Ethylbenzene	ND		0.50	0.36	ug/L			01/24/21 05:01	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			01/24/21 05:01	1
Isopropylbenzene	ND		0.50	0.38	ug/L			01/24/21 05:01	1
m,p-Xylene	ND		1.0	0.78	ug/L			01/24/21 05:01	1
Methylene Chloride	ND		1.0	0.48	ug/L			01/24/21 05:01	1
Naphthalene	ND		1.0	0.32	ug/L			01/24/21 05:01	1
n-Butylbenzene	ND		0.50	0.29	ug/L			01/24/21 05:01	1
N-Propylbenzene	ND		0.50	0.39	ug/L			01/24/21 05:01	1
o-Xylene	ND		0.50	0.35	ug/L			01/24/21 05:01	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			01/24/21 05:01	1
Styrene	ND		0.50	0.28	ug/L			01/24/21 05:01	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			01/24/21 05:01	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			01/24/21 05:01	1
Toluene	ND		0.50	0.33	ug/L			01/24/21 05:01	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			01/24/21 05:01	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			01/24/21 05:01	1
Trichloroethene	ND		0.50	0.29	ug/L			01/24/21 05:01	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			01/24/21 05:01	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			01/24/21 05:01	1
Vinyl chloride	ND		0.50	0.40	ug/L			01/24/21 05:01	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			01/24/21 05:01	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			01/24/21 05:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			01/24/21 05:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		80 - 128		01/24/21 05:01	1
Dibromofluoromethane (Surr)	94		80 - 127		01/24/21 05:01	1
Toluene-d8 (Surr)	96		80 - 120		01/24/21 05:01	1
4-Bromofluorobenzene (Surr)	93		68 - 120		01/24/21 05:01	1

Client Sample Results

Client: General Atomics
 Project/Site: General Atomics

Job ID: 440-277714-1

Client Sample ID: GECC-901-011921

Lab Sample ID: 440-277714-8

Date Collected: 01/19/21 08:59

Matrix: Water

Date Received: 01/21/21 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		20	13	ug/L			01/24/21 11:00	40
1,1,1,2-Tetrachloroethane	ND		20	10	ug/L			01/24/21 11:00	40
1,1,1-Trichloroethane	ND		20	11	ug/L			01/24/21 11:00	40
1,1,2,2-Tetrachloroethane	ND		20	7.8	ug/L			01/24/21 11:00	40
1,1,2-Trichloroethane	ND		20	3.4	ug/L			01/24/21 11:00	40
1,1-Dichloroethane	ND		20	14	ug/L			01/24/21 11:00	40
1,1-Dichloroethene	ND		20	16	ug/L			01/24/21 11:00	40
1,1-Dichloropropene	ND		20	9.7	ug/L			01/24/21 11:00	40
1,2,3-Trichlorobenzene	ND	*+	20	11	ug/L			01/24/21 11:00	40
1,2,4-Trichlorobenzene	ND		20	15	ug/L			01/24/21 11:00	40
1,2,4-Trimethylbenzene	ND		20	11	ug/L			01/24/21 11:00	40
1,2-Dibromo-3-Chloropropane	ND		40	26	ug/L			01/24/21 11:00	40
1,2-Dichlorobenzene	ND	*+	20	9.2	ug/L			01/24/21 11:00	40
1,2-Dichloroethane	ND		20	6.0	ug/L			01/24/21 11:00	40
1,2-Dichloropropane	ND		20	9.6	ug/L			01/24/21 11:00	40
1,3,5-Trimethylbenzene	ND		20	11	ug/L			01/24/21 11:00	40
1,3-Dichlorobenzene	ND		20	10	ug/L			01/24/21 11:00	40
1,3-Dichloropropane	ND		20	8.2	ug/L			01/24/21 11:00	40
1,4-Dichlorobenzene	ND	*+	20	9.0	ug/L			01/24/21 11:00	40
2,2-Dichloropropane	ND		20	16	ug/L			01/24/21 11:00	40
2-Chlorotoluene	ND		20	12	ug/L			01/24/21 11:00	40
2-Hexanone	ND		240	170	ug/L			01/24/21 11:00	40
4-Chlorotoluene	ND		20	13	ug/L			01/24/21 11:00	40
4-Isopropyltoluene	ND		20	11	ug/L			01/24/21 11:00	40
Acetone	ND		320	160	ug/L			01/24/21 11:00	40
Benzene	ND		20	11	ug/L			01/24/21 11:00	40
Bromobenzene	ND		20	10	ug/L			01/24/21 11:00	40
Bromoform	ND		20	16	ug/L			01/24/21 11:00	40
Bromomethane	ND		40	37	ug/L			01/24/21 11:00	40
Carbon disulfide	ND		40	9.8	ug/L			01/24/21 11:00	40
Carbon tetrachloride	ND		20	11	ug/L			01/24/21 11:00	40
Chlorobenzene	ND		20	9.5	ug/L			01/24/21 11:00	40
Bromochloromethane	ND		40	14	ug/L			01/24/21 11:00	40
Chloroethane	ND		20	18	ug/L			01/24/21 11:00	40
Chloroform	ND		20	11	ug/L			01/24/21 11:00	40
Chloromethane	ND		40	12	ug/L			01/24/21 11:00	40
cis-1,2-Dichloroethene	ND		20	12	ug/L			01/24/21 11:00	40
cis-1,3-Dichloropropene	ND		20	7.7	ug/L			01/24/21 11:00	40
Dibromochloromethane	ND		20	11	ug/L			01/24/21 11:00	40
Dibromomethane	ND		20	9.2	ug/L			01/24/21 11:00	40
Bromodichloromethane	ND		20	8.9	ug/L			01/24/21 11:00	40
Dichlorodifluoromethane	ND		40	27	ug/L			01/24/21 11:00	40
Ethylbenzene	ND		20	14	ug/L			01/24/21 11:00	40
Hexachlorobutadiene	ND		40	13	ug/L			01/24/21 11:00	40
Isopropylbenzene	ND		20	15	ug/L			01/24/21 11:00	40
m,p-Xylene	ND		40	31	ug/L			01/24/21 11:00	40
Methylene Chloride	ND		40	19	ug/L			01/24/21 11:00	40
Naphthalene	ND		40	13	ug/L			01/24/21 11:00	40
n-Butylbenzene	ND		20	12	ug/L			01/24/21 11:00	40

Client Sample Results

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Client Sample ID: GECC-901-011921

Lab Sample ID: 440-277714-8

Date Collected: 01/19/21 08:59

Matrix: Water

Date Received: 01/21/21 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		20	16	ug/L			01/24/21 11:00	40
o-Xylene	ND		20	14	ug/L			01/24/21 11:00	40
sec-Butylbenzene	ND		20	14	ug/L			01/24/21 11:00	40
Styrene	ND		20	11	ug/L			01/24/21 11:00	40
tert-Butylbenzene	ND		20	14	ug/L			01/24/21 11:00	40
Tetrachloroethene (PCE)	ND		20	12	ug/L			01/24/21 11:00	40
Toluene	ND		20	13	ug/L			01/24/21 11:00	40
trans-1,2-Dichloroethene	ND		20	14	ug/L			01/24/21 11:00	40
trans-1,3-Dichloropropene	ND		20	6.9	ug/L			01/24/21 11:00	40
Trichloroethene	1100		20	12	ug/L			01/24/21 11:00	40
Trichlorofluoromethane	ND		20	12	ug/L			01/24/21 11:00	40
Trichlorotrifluoroethane	ND		20	10	ug/L			01/24/21 11:00	40
Vinyl chloride	ND		20	16	ug/L			01/24/21 11:00	40
1,2-Dibromoethane (EDB)	ND		20	5.5	ug/L			01/24/21 11:00	40
2-Butanone (MEK)	ND		200	120	ug/L			01/24/21 11:00	40
4-Methyl-2-pentanone (MIBK)	ND		200	90	ug/L			01/24/21 11:00	40
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		80 - 128					01/24/21 11:00	40
Dibromofluoromethane (Surr)	96		80 - 127					01/24/21 11:00	40
Toluene-d8 (Surr)	97		80 - 120					01/24/21 11:00	40
4-Bromofluorobenzene (Surr)	94		68 - 120					01/24/21 11:00	40

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.4		0.50	0.34	ug/L		01/22/21 11:36	01/25/21 18:01	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	53		15 - 150				01/22/21 11:36	01/25/21 18:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	101		46 - 128				01/22/21 11:36	01/25/21 18:01	1

Client Sample ID: P-113-011921

Lab Sample ID: 440-277714-9

Date Collected: 01/19/21 09:48

Matrix: Water

Date Received: 01/21/21 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		2.0	1.3	ug/L			01/24/21 08:52	4
1,1,1,2-Tetrachloroethane	ND		2.0	1.0	ug/L			01/24/21 08:52	4
1,1,1-Trichloroethane	ND		2.0	1.1	ug/L			01/24/21 08:52	4
1,1,2,2-Tetrachloroethane	ND		2.0	0.78	ug/L			01/24/21 08:52	4
1,1,2-Trichloroethane	ND		2.0	0.34	ug/L			01/24/21 08:52	4
1,1-Dichloroethane	ND		2.0	1.4	ug/L			01/24/21 08:52	4
1,1-Dichloroethene	ND		2.0	1.6	ug/L			01/24/21 08:52	4
1,1-Dichloropropene	ND		2.0	0.97	ug/L			01/24/21 08:52	4
1,2,3-Trichlorobenzene	ND	*+	2.0	1.1	ug/L			01/24/21 08:52	4
1,2,4-Trichlorobenzene	ND		2.0	1.5	ug/L			01/24/21 08:52	4
1,2,4-Trimethylbenzene	ND		2.0	1.1	ug/L			01/24/21 08:52	4
1,2-Dibromo-3-Chloropropane	ND		4.0	2.6	ug/L			01/24/21 08:52	4

Client Sample Results

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Client Sample ID: P-113-011921

Lab Sample ID: 440-277714-9

Date Collected: 01/19/21 09:48

Matrix: Water

Date Received: 01/21/21 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND	*+	2.0	0.92	ug/L			01/24/21 08:52	4
1,2-Dichloroethane	ND		2.0	0.60	ug/L			01/24/21 08:52	4
1,2-Dichloropropane	ND		2.0	0.96	ug/L			01/24/21 08:52	4
1,3,5-Trimethylbenzene	ND		2.0	1.1	ug/L			01/24/21 08:52	4
1,3-Dichlorobenzene	ND		2.0	1.0	ug/L			01/24/21 08:52	4
1,3-Dichloropropane	ND		2.0	0.82	ug/L			01/24/21 08:52	4
1,4-Dichlorobenzene	ND	*+	2.0	0.90	ug/L			01/24/21 08:52	4
2,2-Dichloropropane	ND		2.0	1.6	ug/L			01/24/21 08:52	4
2-Chlorotoluene	ND		2.0	1.2	ug/L			01/24/21 08:52	4
2-Hexanone	ND		24	17	ug/L			01/24/21 08:52	4
4-Chlorotoluene	ND		2.0	1.3	ug/L			01/24/21 08:52	4
4-Isopropyltoluene	ND		2.0	1.1	ug/L			01/24/21 08:52	4
Acetone	ND		32	16	ug/L			01/24/21 08:52	4
Benzene	ND		2.0	1.1	ug/L			01/24/21 08:52	4
Bromobenzene	ND		2.0	1.0	ug/L			01/24/21 08:52	4
Bromoform	ND		2.0	1.6	ug/L			01/24/21 08:52	4
Bromomethane	ND		4.0	3.7	ug/L			01/24/21 08:52	4
Carbon disulfide	ND		4.0	0.98	ug/L			01/24/21 08:52	4
Carbon tetrachloride	ND		2.0	1.1	ug/L			01/24/21 08:52	4
Chlorobenzene	ND		2.0	0.95	ug/L			01/24/21 08:52	4
Bromochloromethane	ND		4.0	1.4	ug/L			01/24/21 08:52	4
Chloroethane	ND		2.0	1.8	ug/L			01/24/21 08:52	4
Chloroform	ND		2.0	1.1	ug/L			01/24/21 08:52	4
Chloromethane	ND		4.0	1.2	ug/L			01/24/21 08:52	4
cis-1,2-Dichloroethene	3.4		2.0	1.2	ug/L			01/24/21 08:52	4
cis-1,3-Dichloropropene	ND		2.0	0.77	ug/L			01/24/21 08:52	4
Dibromochloromethane	ND		2.0	1.1	ug/L			01/24/21 08:52	4
Dibromomethane	ND		2.0	0.92	ug/L			01/24/21 08:52	4
Bromodichloromethane	ND		2.0	0.89	ug/L			01/24/21 08:52	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			01/24/21 08:52	4
Ethylbenzene	ND		2.0	1.4	ug/L			01/24/21 08:52	4
Hexachlorobutadiene	ND		4.0	1.3	ug/L			01/24/21 08:52	4
Isopropylbenzene	ND		2.0	1.5	ug/L			01/24/21 08:52	4
m,p-Xylene	ND		4.0	3.1	ug/L			01/24/21 08:52	4
Methylene Chloride	ND		4.0	1.9	ug/L			01/24/21 08:52	4
Naphthalene	ND		4.0	1.3	ug/L			01/24/21 08:52	4
n-Butylbenzene	ND		2.0	1.2	ug/L			01/24/21 08:52	4
N-Propylbenzene	ND		2.0	1.6	ug/L			01/24/21 08:52	4
o-Xylene	ND		2.0	1.4	ug/L			01/24/21 08:52	4
sec-Butylbenzene	ND		2.0	1.4	ug/L			01/24/21 08:52	4
Styrene	ND		2.0	1.1	ug/L			01/24/21 08:52	4
tert-Butylbenzene	ND		2.0	1.4	ug/L			01/24/21 08:52	4
Tetrachloroethene (PCE)	ND		2.0	1.2	ug/L			01/24/21 08:52	4
Toluene	ND		2.0	1.3	ug/L			01/24/21 08:52	4
trans-1,2-Dichloroethene	ND		2.0	1.4	ug/L			01/24/21 08:52	4
trans-1,3-Dichloropropene	ND		2.0	0.69	ug/L			01/24/21 08:52	4
Trichloroethene	180		2.0	1.2	ug/L			01/24/21 08:52	4
Trichlorofluoromethane	ND		2.0	1.2	ug/L			01/24/21 08:52	4
Trichlorotrifluoroethane	ND		2.0	1.0	ug/L			01/24/21 08:52	4

Client Sample Results

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Client Sample ID: P-113-011921

Lab Sample ID: 440-277714-9

Date Collected: 01/19/21 09:48

Matrix: Water

Date Received: 01/21/21 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		2.0	1.6	ug/L			01/24/21 08:52	4
1,2-Dibromoethane (EDB)	ND		2.0	0.55	ug/L			01/24/21 08:52	4
2-Butanone (MEK)	ND		20	12	ug/L			01/24/21 08:52	4
4-Methyl-2-pentanone (MIBK)	ND		20	9.0	ug/L			01/24/21 08:52	4
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		80 - 128					01/24/21 08:52	4
Dibromofluoromethane (Surr)	96		80 - 127					01/24/21 08:52	4
Toluene-d8 (Surr)	100		80 - 120					01/24/21 08:52	4
4-Bromofluorobenzene (Surr)	94		68 - 120					01/24/21 08:52	4

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	5.9		0.50	0.34	ug/L		01/22/21 11:36	01/25/21 18:16	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	50		15 - 150				01/22/21 11:36	01/25/21 18:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	97		46 - 128				01/22/21 11:36	01/25/21 18:16	1

Client Sample ID: GECC-902-011921

Lab Sample ID: 440-277714-10

Date Collected: 01/19/21 10:41

Matrix: Water

Date Received: 01/21/21 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		2.0	1.3	ug/L			01/24/21 09:18	4
1,1,1,2-Tetrachloroethane	ND		2.0	1.0	ug/L			01/24/21 09:18	4
1,1,1-Trichloroethane	ND		2.0	1.1	ug/L			01/24/21 09:18	4
1,1,2,2-Tetrachloroethane	ND		2.0	0.78	ug/L			01/24/21 09:18	4
1,1,2-Trichloroethane	ND		2.0	0.34	ug/L			01/24/21 09:18	4
1,1-Dichloroethane	ND		2.0	1.4	ug/L			01/24/21 09:18	4
1,1-Dichloroethene	ND		2.0	1.6	ug/L			01/24/21 09:18	4
1,1-Dichloropropene	ND		2.0	0.97	ug/L			01/24/21 09:18	4
1,2,3-Trichlorobenzene	ND	*+	2.0	1.1	ug/L			01/24/21 09:18	4
1,2,4-Trichlorobenzene	ND		2.0	1.5	ug/L			01/24/21 09:18	4
1,2,4-Trimethylbenzene	ND		2.0	1.1	ug/L			01/24/21 09:18	4
1,2-Dibromo-3-Chloropropane	ND		4.0	2.6	ug/L			01/24/21 09:18	4
1,2-Dichlorobenzene	ND	*+	2.0	0.92	ug/L			01/24/21 09:18	4
1,2-Dichloroethane	ND		2.0	0.60	ug/L			01/24/21 09:18	4
1,2-Dichloropropane	ND		2.0	0.96	ug/L			01/24/21 09:18	4
1,3,5-Trimethylbenzene	ND		2.0	1.1	ug/L			01/24/21 09:18	4
1,3-Dichlorobenzene	ND		2.0	1.0	ug/L			01/24/21 09:18	4
1,3-Dichloropropane	ND		2.0	0.82	ug/L			01/24/21 09:18	4
1,4-Dichlorobenzene	ND	*+	2.0	0.90	ug/L			01/24/21 09:18	4
2,2-Dichloropropane	ND		2.0	1.6	ug/L			01/24/21 09:18	4
2-Chlorotoluene	ND		2.0	1.2	ug/L			01/24/21 09:18	4
2-Hexanone	ND		24	17	ug/L			01/24/21 09:18	4
4-Chlorotoluene	ND		2.0	1.3	ug/L			01/24/21 09:18	4
4-Isopropyltoluene	ND		2.0	1.1	ug/L			01/24/21 09:18	4

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Client Sample Results

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Client Sample ID: GECC-902-011921

Lab Sample ID: 440-277714-10

Date Collected: 01/19/21 10:41

Matrix: Water

Date Received: 01/21/21 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		32	16	ug/L			01/24/21 09:18	4
Benzene	ND		2.0	1.1	ug/L			01/24/21 09:18	4
Bromobenzene	ND		2.0	1.0	ug/L			01/24/21 09:18	4
Bromoform	ND		2.0	1.6	ug/L			01/24/21 09:18	4
Bromomethane	ND		4.0	3.7	ug/L			01/24/21 09:18	4
Carbon disulfide	ND		4.0	0.98	ug/L			01/24/21 09:18	4
Carbon tetrachloride	ND		2.0	1.1	ug/L			01/24/21 09:18	4
Chlorobenzene	ND		2.0	0.95	ug/L			01/24/21 09:18	4
Bromochloromethane	ND		4.0	1.4	ug/L			01/24/21 09:18	4
Chloroethane	ND		2.0	1.8	ug/L			01/24/21 09:18	4
Chloroform	ND		2.0	1.1	ug/L			01/24/21 09:18	4
Chloromethane	ND		4.0	1.2	ug/L			01/24/21 09:18	4
cis-1,2-Dichloroethene	3.3		2.0	1.2	ug/L			01/24/21 09:18	4
cis-1,3-Dichloropropene	ND		2.0	0.77	ug/L			01/24/21 09:18	4
Dibromochloromethane	ND		2.0	1.1	ug/L			01/24/21 09:18	4
Dibromomethane	ND		2.0	0.92	ug/L			01/24/21 09:18	4
Bromodichloromethane	ND		2.0	0.89	ug/L			01/24/21 09:18	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			01/24/21 09:18	4
Ethylbenzene	ND		2.0	1.4	ug/L			01/24/21 09:18	4
Hexachlorobutadiene	ND		4.0	1.3	ug/L			01/24/21 09:18	4
Isopropylbenzene	ND		2.0	1.5	ug/L			01/24/21 09:18	4
m,p-Xylene	ND		4.0	3.1	ug/L			01/24/21 09:18	4
Methylene Chloride	ND		4.0	1.9	ug/L			01/24/21 09:18	4
Naphthalene	ND		4.0	1.3	ug/L			01/24/21 09:18	4
n-Butylbenzene	ND		2.0	1.2	ug/L			01/24/21 09:18	4
N-Propylbenzene	ND		2.0	1.6	ug/L			01/24/21 09:18	4
o-Xylene	ND		2.0	1.4	ug/L			01/24/21 09:18	4
sec-Butylbenzene	ND		2.0	1.4	ug/L			01/24/21 09:18	4
Styrene	ND		2.0	1.1	ug/L			01/24/21 09:18	4
tert-Butylbenzene	ND		2.0	1.4	ug/L			01/24/21 09:18	4
Tetrachloroethene (PCE)	24		2.0	1.2	ug/L			01/24/21 09:18	4
Toluene	ND		2.0	1.3	ug/L			01/24/21 09:18	4
trans-1,2-Dichloroethene	ND		2.0	1.4	ug/L			01/24/21 09:18	4
trans-1,3-Dichloropropene	ND		2.0	0.69	ug/L			01/24/21 09:18	4
Trichloroethene	220		2.0	1.2	ug/L			01/24/21 09:18	4
Trichlorofluoromethane	ND		2.0	1.2	ug/L			01/24/21 09:18	4
Trichlorotrifluoroethane	ND		2.0	1.0	ug/L			01/24/21 09:18	4
Vinyl chloride	ND		2.0	1.6	ug/L			01/24/21 09:18	4
1,2-Dibromoethane (EDB)	ND		2.0	0.55	ug/L			01/24/21 09:18	4
2-Butanone (MEK)	ND		20	12	ug/L			01/24/21 09:18	4
4-Methyl-2-pentanone (MIBK)	ND		20	9.0	ug/L			01/24/21 09:18	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		80 - 128		01/24/21 09:18	4
Dibromofluoromethane (Surr)	94		80 - 127		01/24/21 09:18	4
Toluene-d8 (Surr)	98		80 - 120		01/24/21 09:18	4
4-Bromofluorobenzene (Surr)	92		68 - 120		01/24/21 09:18	4

Client Sample Results

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Client Sample ID: GECC-902-011921

Lab Sample ID: 440-277714-10

Date Collected: 01/19/21 10:41

Matrix: Water

Date Received: 01/21/21 12:50

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	10		0.50	0.34	ug/L		01/22/21 11:36	01/25/21 18:31	1
<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>1,4-Dioxane-d8</i>	52		15 - 150				01/22/21 11:36	01/25/21 18:31	1
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Nitrobenzene-d5 (Surr)</i>	99		46 - 128				01/22/21 11:36	01/25/21 18:31	1

Client Sample ID: GECC-905-011921

Lab Sample ID: 440-277714-11

Date Collected: 01/19/21 12:22

Matrix: Water

Date Received: 01/21/21 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		2.0	1.3	ug/L			01/24/21 09:43	4
1,1,1,2-Tetrachloroethane	ND		2.0	1.0	ug/L			01/24/21 09:43	4
1,1,1-Trichloroethane	ND		2.0	1.1	ug/L			01/24/21 09:43	4
1,1,2,2-Tetrachloroethane	ND		2.0	0.78	ug/L			01/24/21 09:43	4
1,1,2-Trichloroethane	ND		2.0	0.34	ug/L			01/24/21 09:43	4
1,1-Dichloroethane	ND		2.0	1.4	ug/L			01/24/21 09:43	4
1,1-Dichloroethene	5.0		2.0	1.6	ug/L			01/24/21 09:43	4
1,1-Dichloropropene	ND		2.0	0.97	ug/L			01/24/21 09:43	4
1,2,3-Trichlorobenzene	ND	*+	2.0	1.1	ug/L			01/24/21 09:43	4
1,2,4-Trichlorobenzene	ND		2.0	1.5	ug/L			01/24/21 09:43	4
1,2,4-Trimethylbenzene	ND		2.0	1.1	ug/L			01/24/21 09:43	4
1,2-Dibromo-3-Chloropropane	ND		4.0	2.6	ug/L			01/24/21 09:43	4
1,2-Dichlorobenzene	ND	*+	2.0	0.92	ug/L			01/24/21 09:43	4
1,2-Dichloroethane	ND		2.0	0.60	ug/L			01/24/21 09:43	4
1,2-Dichloropropane	ND		2.0	0.96	ug/L			01/24/21 09:43	4
1,3,5-Trimethylbenzene	ND		2.0	1.1	ug/L			01/24/21 09:43	4
1,3-Dichlorobenzene	ND		2.0	1.0	ug/L			01/24/21 09:43	4
1,3-Dichloropropane	ND		2.0	0.82	ug/L			01/24/21 09:43	4
1,4-Dichlorobenzene	ND	*+	2.0	0.90	ug/L			01/24/21 09:43	4
2,2-Dichloropropane	ND		2.0	1.6	ug/L			01/24/21 09:43	4
2-Chlorotoluene	ND		2.0	1.2	ug/L			01/24/21 09:43	4
2-Hexanone	ND		24	17	ug/L			01/24/21 09:43	4
4-Chlorotoluene	ND		2.0	1.3	ug/L			01/24/21 09:43	4
4-Isopropyltoluene	ND		2.0	1.1	ug/L			01/24/21 09:43	4
Acetone	ND		32	16	ug/L			01/24/21 09:43	4
Benzene	ND		2.0	1.1	ug/L			01/24/21 09:43	4
Bromobenzene	ND		2.0	1.0	ug/L			01/24/21 09:43	4
Bromoform	ND		2.0	1.6	ug/L			01/24/21 09:43	4
Bromomethane	ND		4.0	3.7	ug/L			01/24/21 09:43	4
Carbon disulfide	ND		4.0	0.98	ug/L			01/24/21 09:43	4
Carbon tetrachloride	ND		2.0	1.1	ug/L			01/24/21 09:43	4
Chlorobenzene	ND		2.0	0.95	ug/L			01/24/21 09:43	4
Bromochloromethane	ND		4.0	1.4	ug/L			01/24/21 09:43	4
Chloroethane	ND		2.0	1.8	ug/L			01/24/21 09:43	4
Chloroform	ND		2.0	1.1	ug/L			01/24/21 09:43	4
Chloromethane	ND		4.0	1.2	ug/L			01/24/21 09:43	4
cis-1,2-Dichloroethene	ND		2.0	1.2	ug/L			01/24/21 09:43	4

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Client Sample Results

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Client Sample ID: GECC-905-011921

Lab Sample ID: 440-277714-11

Date Collected: 01/19/21 12:22

Matrix: Water

Date Received: 01/21/21 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		2.0	0.77	ug/L			01/24/21 09:43	4
Dibromochloromethane	ND		2.0	1.1	ug/L			01/24/21 09:43	4
Dibromomethane	ND		2.0	0.92	ug/L			01/24/21 09:43	4
Bromodichloromethane	ND		2.0	0.89	ug/L			01/24/21 09:43	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			01/24/21 09:43	4
Ethylbenzene	ND		2.0	1.4	ug/L			01/24/21 09:43	4
Hexachlorobutadiene	ND		4.0	1.3	ug/L			01/24/21 09:43	4
Isopropylbenzene	ND		2.0	1.5	ug/L			01/24/21 09:43	4
m,p-Xylene	ND		4.0	3.1	ug/L			01/24/21 09:43	4
Methylene Chloride	ND		4.0	1.9	ug/L			01/24/21 09:43	4
Naphthalene	ND		4.0	1.3	ug/L			01/24/21 09:43	4
n-Butylbenzene	ND		2.0	1.2	ug/L			01/24/21 09:43	4
N-Propylbenzene	ND		2.0	1.6	ug/L			01/24/21 09:43	4
o-Xylene	ND		2.0	1.4	ug/L			01/24/21 09:43	4
sec-Butylbenzene	ND		2.0	1.4	ug/L			01/24/21 09:43	4
Styrene	ND		2.0	1.1	ug/L			01/24/21 09:43	4
tert-Butylbenzene	ND		2.0	1.4	ug/L			01/24/21 09:43	4
Tetrachloroethene (PCE)	39		2.0	1.2	ug/L			01/24/21 09:43	4
Toluene	ND		2.0	1.3	ug/L			01/24/21 09:43	4
trans-1,2-Dichloroethene	ND		2.0	1.4	ug/L			01/24/21 09:43	4
trans-1,3-Dichloropropene	ND		2.0	0.69	ug/L			01/24/21 09:43	4
Trichloroethene	260		2.0	1.2	ug/L			01/24/21 09:43	4
Trichlorofluoromethane	3.4		2.0	1.2	ug/L			01/24/21 09:43	4
Trichlorotrifluoroethane	ND		2.0	1.0	ug/L			01/24/21 09:43	4
Vinyl chloride	ND		2.0	1.6	ug/L			01/24/21 09:43	4
1,2-Dibromoethane (EDB)	ND		2.0	0.55	ug/L			01/24/21 09:43	4
2-Butanone (MEK)	ND		20	12	ug/L			01/24/21 09:43	4
4-Methyl-2-pentanone (MIBK)	ND		20	9.0	ug/L			01/24/21 09:43	4
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		80 - 128					01/24/21 09:43	4
Dibromofluoromethane (Surr)	96		80 - 127					01/24/21 09:43	4
Toluene-d8 (Surr)	98		80 - 120					01/24/21 09:43	4
4-Bromofluorobenzene (Surr)	94		68 - 120					01/24/21 09:43	4

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	11		0.50	0.34	ug/L		01/22/21 11:36	01/25/21 18:45	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	50		15 - 150				01/22/21 11:36	01/25/21 18:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	97		46 - 128				01/22/21 11:36	01/25/21 18:45	1

Method Summary

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8270C SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	ECL 1
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	ECL 1
5030C	Purge and Trap	SW846	ECL 2

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494



Lab Chronicle

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Client Sample ID: MW-9-011821

Lab Sample ID: 440-277714-1

Date Collected: 01/18/21 12:09

Matrix: Water

Date Received: 01/21/21 12:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	124261	01/24/21 07:10	OH1	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	123964	01/22/21 11:36	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			124357	01/25/21 16:33	AJ2Q	ECL 1

Client Sample ID: MW-17-011821

Lab Sample ID: 440-277714-2

Date Collected: 01/18/21 11:04

Matrix: Water

Date Received: 01/21/21 12:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	20 mL	20 mL	124261	01/24/21 08:01	OH1	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	123964	01/22/21 11:36	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			124357	01/25/21 16:48	AJ2Q	ECL 1

Client Sample ID: P-114-011821

Lab Sample ID: 440-277714-3

Date Collected: 01/18/21 09:57

Matrix: Water

Date Received: 01/21/21 12:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	124261	01/24/21 07:35	OH1	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	123964	01/22/21 11:36	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			124357	01/25/21 17:03	AJ2Q	ECL 1

Client Sample ID: MW-33-011821

Lab Sample ID: 440-277714-4

Date Collected: 01/18/21 13:02

Matrix: Water

Date Received: 01/21/21 12:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	20 mL	20 mL	124974	01/27/21 17:41	UJHB	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	123964	01/22/21 11:36	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			124357	01/25/21 17:17	AJ2Q	ECL 1

Client Sample ID: P-111-011821

Lab Sample ID: 440-277714-5

Date Collected: 01/18/21 14:04

Matrix: Water

Date Received: 01/21/21 12:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	20 mL	20 mL	124974	01/27/21 18:06	UJHB	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	123964	01/22/21 11:36	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			124357	01/25/21 17:32	AJ2Q	ECL 1

Client Sample ID: P-112-011821

Lab Sample ID: 440-277714-6

Date Collected: 01/18/21 14:50

Matrix: Water

Date Received: 01/21/21 12:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	20 mL	20 mL	124261	01/24/21 08:26	OH1	ECL 2

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Lab Chronicle

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Client Sample ID: P-112-011821

Lab Sample ID: 440-277714-6

Date Collected: 01/18/21 14:50

Matrix: Water

Date Received: 01/21/21 12:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			100.0 mL	10 mL	123964	01/22/21 11:36	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			124357	01/25/21 17:47	AJ2Q	ECL 1

Client Sample ID: TB-011821

Lab Sample ID: 440-277714-7

Date Collected: 01/18/21 07:15

Matrix: Water

Date Received: 01/21/21 12:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	124261	01/24/21 05:01	OH1	ECL 2

Client Sample ID: GECC-901-011921

Lab Sample ID: 440-277714-8

Date Collected: 01/19/21 08:59

Matrix: Water

Date Received: 01/21/21 12:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		40	20 mL	20 mL	124261	01/24/21 11:00	OH1	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	123964	01/22/21 11:36	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			124357	01/25/21 18:01	AJ2Q	ECL 1

Client Sample ID: P-113-011921

Lab Sample ID: 440-277714-9

Date Collected: 01/19/21 09:48

Matrix: Water

Date Received: 01/21/21 12:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	20 mL	20 mL	124261	01/24/21 08:52	OH1	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	123964	01/22/21 11:36	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			124357	01/25/21 18:16	AJ2Q	ECL 1

Client Sample ID: GECC-902-011921

Lab Sample ID: 440-277714-10

Date Collected: 01/19/21 10:41

Matrix: Water

Date Received: 01/21/21 12:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	20 mL	20 mL	124261	01/24/21 09:18	OH1	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	123964	01/22/21 11:36	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			124357	01/25/21 18:31	AJ2Q	ECL 1

Client Sample ID: GECC-905-011921

Lab Sample ID: 440-277714-11

Date Collected: 01/19/21 12:22

Matrix: Water

Date Received: 01/21/21 12:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	20 mL	20 mL	124261	01/24/21 09:43	OH1	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	123964	01/22/21 11:36	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			124357	01/25/21 18:45	AJ2Q	ECL 1

Eurofins Calscience Irvine

Lab Chronicle

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494
ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494



QC Sample Results

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-124261/7
Matrix: Water
Analysis Batch: 124261

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			01/24/21 04:36	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			01/24/21 04:36	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			01/24/21 04:36	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			01/24/21 04:36	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			01/24/21 04:36	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			01/24/21 04:36	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			01/24/21 04:36	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			01/24/21 04:36	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			01/24/21 04:36	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			01/24/21 04:36	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			01/24/21 04:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			01/24/21 04:36	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			01/24/21 04:36	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			01/24/21 04:36	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			01/24/21 04:36	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			01/24/21 04:36	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			01/24/21 04:36	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			01/24/21 04:36	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			01/24/21 04:36	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			01/24/21 04:36	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			01/24/21 04:36	1
2-Hexanone	ND		6.0	4.3	ug/L			01/24/21 04:36	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			01/24/21 04:36	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			01/24/21 04:36	1
Acetone	ND		8.0	4.0	ug/L			01/24/21 04:36	1
Benzene	ND		0.50	0.27	ug/L			01/24/21 04:36	1
Bromobenzene	ND		0.50	0.26	ug/L			01/24/21 04:36	1
Bromoform	ND		0.50	0.39	ug/L			01/24/21 04:36	1
Bromomethane	ND		1.0	0.93	ug/L			01/24/21 04:36	1
Carbon disulfide	ND		1.0	0.24	ug/L			01/24/21 04:36	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			01/24/21 04:36	1
Chlorobenzene	ND		0.50	0.24	ug/L			01/24/21 04:36	1
Bromochloromethane	ND		1.0	0.35	ug/L			01/24/21 04:36	1
Chloroethane	ND		0.50	0.44	ug/L			01/24/21 04:36	1
Chloroform	ND		0.50	0.28	ug/L			01/24/21 04:36	1
Chloromethane	ND		1.0	0.29	ug/L			01/24/21 04:36	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			01/24/21 04:36	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			01/24/21 04:36	1
Dibromochloromethane	ND		0.50	0.27	ug/L			01/24/21 04:36	1
Dibromomethane	ND		0.50	0.23	ug/L			01/24/21 04:36	1
Bromodichloromethane	ND		0.50	0.22	ug/L			01/24/21 04:36	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/24/21 04:36	1
Ethylbenzene	ND		0.50	0.36	ug/L			01/24/21 04:36	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			01/24/21 04:36	1
Isopropylbenzene	ND		0.50	0.38	ug/L			01/24/21 04:36	1
m,p-Xylene	ND		1.0	0.78	ug/L			01/24/21 04:36	1
Methylene Chloride	ND		1.0	0.48	ug/L			01/24/21 04:36	1
Naphthalene	ND		1.0	0.32	ug/L			01/24/21 04:36	1

QC Sample Results

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-124261/7
Matrix: Water
Analysis Batch: 124261

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
n-Butylbenzene	ND		0.50	0.29	ug/L			01/24/21 04:36	1
N-Propylbenzene	ND		0.50	0.39	ug/L			01/24/21 04:36	1
o-Xylene	ND		0.50	0.35	ug/L			01/24/21 04:36	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			01/24/21 04:36	1
Styrene	ND		0.50	0.28	ug/L			01/24/21 04:36	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			01/24/21 04:36	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			01/24/21 04:36	1
Toluene	ND		0.50	0.33	ug/L			01/24/21 04:36	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			01/24/21 04:36	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			01/24/21 04:36	1
Trichloroethene	ND		0.50	0.29	ug/L			01/24/21 04:36	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			01/24/21 04:36	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			01/24/21 04:36	1
Vinyl chloride	ND		0.50	0.40	ug/L			01/24/21 04:36	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			01/24/21 04:36	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			01/24/21 04:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			01/24/21 04:36	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	93		80 - 128		01/24/21 04:36	1
Dibromofluoromethane (Surr)	93		80 - 127		01/24/21 04:36	1
Toluene-d8 (Surr)	98		80 - 120		01/24/21 04:36	1
4-Bromofluorobenzene (Surr)	90		68 - 120		01/24/21 04:36	1

Lab Sample ID: LCS 570-124261/3
Matrix: Water
Analysis Batch: 124261

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	10.0	10.6		ug/L		106	80 - 126
1,1,1-Trichloroethane	10.0	10.5		ug/L		105	80 - 125
1,1,2,2-Tetrachloroethane	10.0	9.57		ug/L		96	80 - 120
1,1,2-Trichloroethane	10.0	10.2		ug/L		102	80 - 120
1,1-Dichloroethane	10.0	10.3		ug/L		103	77 - 120
1,1-Dichloroethene	10.0	10.2		ug/L		102	74 - 128
1,1-Dichloropropene	10.0	10.8		ug/L		108	79 - 125
1,2,3-Trichlorobenzene	10.0	10.4		ug/L		104	80 - 121
1,2,4-Trichlorobenzene	10.0	10.0		ug/L		100	80 - 120
1,2,4-Trimethylbenzene	10.0	9.87		ug/L		99	80 - 122
1,2-Dibromo-3-Chloropropane	10.0	9.54		ug/L		95	67 - 120
1,2-Dichlorobenzene	10.0	10.6		ug/L		106	80 - 120
1,2-Dichloroethane	10.0	10.3		ug/L		103	80 - 123
1,2-Dichloropropane	10.0	10.3		ug/L		103	80 - 120
1,3,5-Trimethylbenzene	10.0	11.1		ug/L		111	80 - 121
1,3-Dichlorobenzene	10.0	10.3		ug/L		103	80 - 120
1,3-Dichloropropane	10.0	10.2		ug/L		102	80 - 120
1,4-Dichlorobenzene	10.0	10.4		ug/L		104	80 - 120

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QC Sample Results

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-124261/3
Matrix: Water
Analysis Batch: 124261

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,2-Dichloropropane	10.0	9.52		ug/L		95	77 - 139
2-Chlorotoluene	10.0	11.0		ug/L		110	80 - 120
2-Hexanone	20.0	19.8		ug/L		99	66 - 129
4-Chlorotoluene	10.0	9.82		ug/L		98	80 - 120
4-Isopropyltoluene	10.0	10.3		ug/L		103	80 - 121
Acetone	20.0	18.3		ug/L		92	58 - 131
Benzene	10.0	10.4		ug/L		104	80 - 120
Bromobenzene	10.0	11.2		ug/L		112	80 - 120
Bromoform	10.0	10.1		ug/L		101	70 - 141
Bromomethane	10.0	11.5		ug/L		115	50 - 150
Carbon disulfide	10.0	10.8		ug/L		108	65 - 136
Carbon tetrachloride	10.0	10.8		ug/L		108	75 - 142
Chlorobenzene	10.0	10.9		ug/L		109	80 - 120
Bromochloromethane	10.0	11.0		ug/L		110	80 - 120
Chloroethane	10.0	10.2		ug/L		102	74 - 123
Chloroform	10.0	10.9		ug/L		109	80 - 120
Chloromethane	10.0	7.85		ug/L		79	54 - 140
cis-1,2-Dichloroethene	10.0	10.8		ug/L		108	80 - 121
cis-1,3-Dichloropropene	10.0	9.83		ug/L		98	80 - 120
Dibromochloromethane	10.0	10.8		ug/L		108	80 - 128
Dibromomethane	10.0	10.3		ug/L		103	80 - 120
Bromodichloromethane	10.0	10.5		ug/L		105	80 - 126
Dichlorodifluoromethane	10.0	8.76		ug/L		88	63 - 135
Ethylbenzene	10.0	10.9		ug/L		109	80 - 120
Hexachlorobutadiene	10.0	10.7		ug/L		107	80 - 130
Isopropylbenzene	10.0	10.9		ug/L		109	80 - 121
m,p-Xylene	20.0	21.7		ug/L		109	80 - 120
Methylene Chloride	10.0	9.86		ug/L		99	71 - 125
Naphthalene	10.0	9.89		ug/L		99	80 - 125
n-Butylbenzene	10.0	9.83		ug/L		98	80 - 124
N-Propylbenzene	10.0	11.1		ug/L		111	80 - 121
o-Xylene	10.0	10.5		ug/L		105	80 - 120
sec-Butylbenzene	10.0	10.1		ug/L		101	80 - 120
Styrene	10.0	10.8		ug/L		108	80 - 120
tert-Butylbenzene	10.0	10.2		ug/L		102	80 - 120
Tetrachloroethene (PCE)	10.0	11.3		ug/L		113	80 - 126
Toluene	10.0	10.8		ug/L		108	80 - 120
trans-1,2-Dichloroethene	10.0	10.3		ug/L		103	74 - 121
trans-1,3-Dichloropropene	10.0	10.4		ug/L		104	80 - 123
Trichloroethene	10.0	10.9		ug/L		109	80 - 120
Trichlorofluoromethane	10.0	10.7		ug/L		107	74 - 137
Trichlorotrifluoroethane	10.0	9.71		ug/L		97	51 - 140
Vinyl chloride	10.0	9.46		ug/L		95	72 - 126
1,2-Dibromoethane (EDB)	10.0	10.5		ug/L		105	80 - 120
2-Butanone (MEK)	20.0	17.9		ug/L		89	50 - 127
4-Methyl-2-pentanone (MIBK)	20.0	19.3		ug/L		97	72 - 120

QC Sample Results

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-124261/3

Matrix: Water

Analysis Batch: 124261

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		80 - 128
Dibromofluoromethane (Surr)	99		80 - 127
Toluene-d8 (Surr)	99		80 - 120
4-Bromofluorobenzene (Surr)	102		68 - 120

Lab Sample ID: LCSD 570-124261/4

Matrix: Water

Analysis Batch: 124261

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichloropropane	10.0	10.5		ug/L		105	80 - 120	4	20
1,1,1,2-Tetrachloroethane	10.0	11.1		ug/L		111	80 - 126	5	20
1,1,1-Trichloroethane	10.0	10.2		ug/L		102	80 - 125	3	20
1,1,2,2-Tetrachloroethane	10.0	11.3		ug/L		113	80 - 120	16	20
1,1,2-Trichloroethane	10.0	10.3		ug/L		103	80 - 120	2	20
1,1-Dichloroethane	10.0	9.80		ug/L		98	77 - 120	5	20
1,1-Dichloroethene	10.0	9.66		ug/L		97	74 - 128	6	20
1,1-Dichloropropene	10.0	10.4		ug/L		104	79 - 125	4	20
1,2,3-Trichlorobenzene	10.0	12.2	*+	ug/L		122	80 - 121	16	20
1,2,4-Trichlorobenzene	10.0	11.9		ug/L		119	80 - 120	17	20
1,2,4-Trimethylbenzene	10.0	11.6		ug/L		116	80 - 122	16	20
1,2-Dibromo-3-Chloropropane	10.0	10.9		ug/L		109	67 - 120	13	20
1,2-Dichlorobenzene	10.0	12.3	*+	ug/L		123	80 - 120	15	20
1,2-Dichloroethane	10.0	10.4		ug/L		104	80 - 123	1	20
1,2-Dichloropropane	10.0	10.3		ug/L		103	80 - 120	0	20
1,3,5-Trimethylbenzene	10.0	11.3		ug/L		113	80 - 121	1	20
1,3-Dichlorobenzene	10.0	12.0		ug/L		120	80 - 120	15	20
1,3-Dichloropropane	10.0	10.4		ug/L		104	80 - 120	3	20
1,4-Dichlorobenzene	10.0	12.1	*+	ug/L		121	80 - 120	15	20
2,2-Dichloropropane	10.0	9.01		ug/L		90	77 - 139	6	20
2-Chlorotoluene	10.0	11.1		ug/L		111	80 - 120	1	20
2-Hexanone	20.0	21.1		ug/L		106	66 - 129	6	21
4-Chlorotoluene	10.0	11.4		ug/L		114	80 - 120	15	20
4-Isopropyltoluene	10.0	11.8		ug/L		118	80 - 121	13	20
Acetone	20.0	18.3		ug/L		91	58 - 131	0	30
Benzene	10.0	10.3		ug/L		103	80 - 120	1	20
Bromobenzene	10.0	11.5		ug/L		115	80 - 120	3	20
Bromoform	10.0	12.3		ug/L		123	70 - 141	19	20
Bromomethane	10.0	10.4		ug/L		104	50 - 150	10	22
Carbon disulfide	10.0	10.4		ug/L		104	65 - 136	4	20
Carbon tetrachloride	10.0	10.1		ug/L		101	75 - 142	6	20
Chlorobenzene	10.0	11.0		ug/L		110	80 - 120	0	20
Bromochloromethane	10.0	10.7		ug/L		107	80 - 120	2	20
Chloroethane	10.0	9.86		ug/L		99	74 - 123	4	20
Chloroform	10.0	10.5		ug/L		105	80 - 120	4	20
Chloromethane	10.0	7.60		ug/L		76	54 - 140	3	20
cis-1,2-Dichloroethene	10.0	10.3		ug/L		103	80 - 121	5	20
cis-1,3-Dichloropropene	10.0	10.0		ug/L		100	80 - 120	2	20

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QC Sample Results

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-124261/4
Matrix: Water
Analysis Batch: 124261

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dibromochloromethane	10.0	11.2		ug/L		112	80 - 128	4	20
Dibromomethane	10.0	10.5		ug/L		105	80 - 120	2	20
Bromodichloromethane	10.0	10.5		ug/L		105	80 - 126	1	20
Dichlorodifluoromethane	10.0	8.26		ug/L		83	63 - 135	6	20
Ethylbenzene	10.0	10.8		ug/L		108	80 - 120	0	20
Hexachlorobutadiene	10.0	12.2		ug/L		122	80 - 130	13	20
Isopropylbenzene	10.0	11.1		ug/L		111	80 - 121	1	20
m,p-Xylene	20.0	22.0		ug/L		110	80 - 120	1	20
Methylene Chloride	10.0	9.48		ug/L		95	71 - 125	4	20
Naphthalene	10.0	11.8		ug/L		118	80 - 125	18	20
n-Butylbenzene	10.0	11.2		ug/L		112	80 - 124	13	20
N-Propylbenzene	10.0	11.1		ug/L		111	80 - 121	0	20
o-Xylene	10.0	10.7		ug/L		107	80 - 120	2	20
sec-Butylbenzene	10.0	11.7		ug/L		117	80 - 120	14	20
Styrene	10.0	11.0		ug/L		110	80 - 120	2	20
tert-Butylbenzene	10.0	11.8		ug/L		118	80 - 120	15	20
Tetrachloroethene (PCE)	10.0	11.3		ug/L		113	80 - 126	0	20
Toluene	10.0	10.6		ug/L		106	80 - 120	2	20
trans-1,2-Dichloroethene	10.0	9.83		ug/L		98	74 - 121	5	20
trans-1,3-Dichloropropene	10.0	10.8		ug/L		108	80 - 123	4	20
Trichloroethene	10.0	10.8		ug/L		108	80 - 120	1	20
Trichlorofluoromethane	10.0	10.3		ug/L		103	74 - 137	4	20
Trichlorotrifluoroethane	10.0	9.34		ug/L		93	51 - 140	4	20
Vinyl chloride	10.0	9.09		ug/L		91	72 - 126	4	20
1,2-Dibromoethane (EDB)	10.0	10.7		ug/L		107	80 - 120	2	20
2-Butanone (MEK)	20.0	20.2		ug/L		101	50 - 127	12	26
4-Methyl-2-pentanone (MIBK)	20.0	20.2		ug/L		101	72 - 120	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		80 - 128
Dibromofluoromethane (Surr)	99		80 - 127
Toluene-d8 (Surr)	98		80 - 120
4-Bromofluorobenzene (Surr)	97		68 - 120

Lab Sample ID: MB 570-124974/7
Matrix: Water
Analysis Batch: 124974

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			01/27/21 11:38	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			01/27/21 11:38	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			01/27/21 11:38	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			01/27/21 11:38	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			01/27/21 11:38	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			01/27/21 11:38	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			01/27/21 11:38	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			01/27/21 11:38	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			01/27/21 11:38	1

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QC Sample Results

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-124974/7
Matrix: Water
Analysis Batch: 124974

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			01/27/21 11:38	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			01/27/21 11:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			01/27/21 11:38	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			01/27/21 11:38	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			01/27/21 11:38	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			01/27/21 11:38	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			01/27/21 11:38	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			01/27/21 11:38	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			01/27/21 11:38	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			01/27/21 11:38	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			01/27/21 11:38	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			01/27/21 11:38	1
2-Hexanone	ND		6.0	4.3	ug/L			01/27/21 11:38	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			01/27/21 11:38	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			01/27/21 11:38	1
Acetone	ND		8.0	4.0	ug/L			01/27/21 11:38	1
Benzene	ND		0.50	0.27	ug/L			01/27/21 11:38	1
Bromobenzene	ND		0.50	0.26	ug/L			01/27/21 11:38	1
Bromoform	ND		0.50	0.39	ug/L			01/27/21 11:38	1
Bromomethane	ND		1.0	0.93	ug/L			01/27/21 11:38	1
Carbon disulfide	ND		1.0	0.24	ug/L			01/27/21 11:38	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			01/27/21 11:38	1
Chlorobenzene	ND		0.50	0.24	ug/L			01/27/21 11:38	1
Bromochloromethane	ND		1.0	0.35	ug/L			01/27/21 11:38	1
Chloroethane	ND		0.50	0.44	ug/L			01/27/21 11:38	1
Chloroform	ND		0.50	0.28	ug/L			01/27/21 11:38	1
Chloromethane	ND		1.0	0.29	ug/L			01/27/21 11:38	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			01/27/21 11:38	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			01/27/21 11:38	1
Dibromochloromethane	ND		0.50	0.27	ug/L			01/27/21 11:38	1
Dibromomethane	ND		0.50	0.23	ug/L			01/27/21 11:38	1
Bromodichloromethane	ND		0.50	0.22	ug/L			01/27/21 11:38	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/27/21 11:38	1
Ethylbenzene	ND		0.50	0.36	ug/L			01/27/21 11:38	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			01/27/21 11:38	1
Isopropylbenzene	ND		0.50	0.38	ug/L			01/27/21 11:38	1
m,p-Xylene	ND		1.0	0.78	ug/L			01/27/21 11:38	1
Methylene Chloride	ND		1.0	0.48	ug/L			01/27/21 11:38	1
Naphthalene	ND		1.0	0.32	ug/L			01/27/21 11:38	1
n-Butylbenzene	ND		0.50	0.29	ug/L			01/27/21 11:38	1
N-Propylbenzene	ND		0.50	0.39	ug/L			01/27/21 11:38	1
o-Xylene	ND		0.50	0.35	ug/L			01/27/21 11:38	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			01/27/21 11:38	1
Styrene	ND		0.50	0.28	ug/L			01/27/21 11:38	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			01/27/21 11:38	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			01/27/21 11:38	1
Toluene	ND		0.50	0.33	ug/L			01/27/21 11:38	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			01/27/21 11:38	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			01/27/21 11:38	1

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QC Sample Results

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-124974/7
Matrix: Water
Analysis Batch: 124974

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Trichloroethene	ND		0.50	0.29	ug/L			01/27/21 11:38	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			01/27/21 11:38	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			01/27/21 11:38	1
Vinyl chloride	ND		0.50	0.40	ug/L			01/27/21 11:38	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			01/27/21 11:38	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			01/27/21 11:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			01/27/21 11:38	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	98		80 - 128		01/27/21 11:38	1
Dibromofluoromethane (Surr)	97		80 - 127		01/27/21 11:38	1
Toluene-d8 (Surr)	99		80 - 120		01/27/21 11:38	1
4-Bromofluorobenzene (Surr)	97		68 - 120		01/27/21 11:38	1

Lab Sample ID: LCS 570-124974/4
Matrix: Water
Analysis Batch: 124974

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.
		Result	Qualifier				Limits
1,2,3-Trichloropropane	10.0	9.78		ug/L		98	80 - 120
1,1,1,2-Tetrachloroethane	10.0	9.83		ug/L		98	80 - 126
1,1,1-Trichloroethane	10.0	9.13		ug/L		91	80 - 125
1,1,2,2-Tetrachloroethane	10.0	9.46		ug/L		95	80 - 120
1,1,2-Trichloroethane	10.0	9.84		ug/L		98	80 - 120
1,1-Dichloroethane	10.0	9.23		ug/L		92	77 - 120
1,1-Dichloroethene	10.0	8.12		ug/L		81	74 - 128
1,1-Dichloropropene	10.0	8.85		ug/L		89	79 - 125
1,2,3-Trichlorobenzene	10.0	9.87		ug/L		99	80 - 121
1,2,4-Trichlorobenzene	10.0	9.69		ug/L		97	80 - 120
1,2,4-Trimethylbenzene	10.0	9.30		ug/L		93	80 - 122
1,2-Dibromo-3-Chloropropane	10.0	9.22		ug/L		92	67 - 120
1,2-Dichlorobenzene	10.0	9.51		ug/L		95	80 - 120
1,2-Dichloroethane	10.0	10.0		ug/L		100	80 - 123
1,2-Dichloropropane	10.0	9.96		ug/L		100	80 - 120
1,3,5-Trimethylbenzene	10.0	9.69		ug/L		97	80 - 121
1,3-Dichlorobenzene	10.0	9.33		ug/L		93	80 - 120
1,3-Dichloropropane	10.0	9.94		ug/L		99	80 - 120
1,4-Dichlorobenzene	10.0	9.43		ug/L		94	80 - 120
2,2-Dichloropropane	10.0	9.38		ug/L		94	77 - 139
2-Chlorotoluene	10.0	9.58		ug/L		96	80 - 120
2-Hexanone	20.0	21.1		ug/L		105	66 - 129
4-Chlorotoluene	10.0	9.30		ug/L		93	80 - 120
4-Isopropyltoluene	10.0	9.31		ug/L		93	80 - 121
Acetone	20.0	22.6		ug/L		113	58 - 131
Benzene	10.0	9.43		ug/L		94	80 - 120
Bromobenzene	10.0	9.83		ug/L		98	80 - 120
Bromoform	10.0	10.2		ug/L		102	70 - 141
Bromomethane	10.0	11.9		ug/L		119	50 - 150

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QC Sample Results

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-124974/4

Matrix: Water

Analysis Batch: 124974

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon disulfide	10.0	8.44		ug/L		84	65 - 136
Carbon tetrachloride	10.0	8.48		ug/L		85	75 - 142
Chlorobenzene	10.0	9.65		ug/L		96	80 - 120
Bromochloromethane	10.0	9.64		ug/L		96	80 - 120
Chloroethane	10.0	10.3		ug/L		103	74 - 123
Chloroform	10.0	9.77		ug/L		98	80 - 120
Chloromethane	10.0	10.2		ug/L		102	54 - 140
cis-1,2-Dichloroethene	10.0	9.71		ug/L		97	80 - 121
cis-1,3-Dichloropropene	10.0	9.87		ug/L		99	80 - 120
Dibromochloromethane	10.0	9.89		ug/L		99	80 - 128
Dibromomethane	10.0	10.2		ug/L		102	80 - 120
Bromodichloromethane	10.0	10.3		ug/L		103	80 - 126
Dichlorodifluoromethane	10.0	9.18		ug/L		92	63 - 135
Ethylbenzene	10.0	9.46		ug/L		95	80 - 120
Hexachlorobutadiene	10.0	9.52		ug/L		95	80 - 130
Isopropylbenzene	10.0	9.53		ug/L		95	80 - 121
m,p-Xylene	20.0	19.5		ug/L		97	80 - 120
Methylene Chloride	10.0	9.09		ug/L		91	71 - 125
Naphthalene	10.0	9.95		ug/L		99	80 - 125
n-Butylbenzene	10.0	9.27		ug/L		93	80 - 124
N-Propylbenzene	10.0	9.42		ug/L		94	80 - 121
o-Xylene	10.0	9.71		ug/L		97	80 - 120
sec-Butylbenzene	10.0	9.03		ug/L		90	80 - 120
Styrene	10.0	9.84		ug/L		98	80 - 120
tert-Butylbenzene	10.0	9.14		ug/L		91	80 - 120
Tetrachloroethene (PCE)	10.0	8.87		ug/L		89	80 - 126
Toluene	10.0	9.59		ug/L		96	80 - 120
trans-1,2-Dichloroethene	10.0	9.00		ug/L		90	74 - 121
trans-1,3-Dichloropropene	10.0	10.3		ug/L		103	80 - 123
Trichloroethene	10.0	9.51		ug/L		95	80 - 120
Trichlorofluoromethane	10.0	9.86		ug/L		99	74 - 137
Trichlorotrifluoroethane	10.0	6.37		ug/L		64	51 - 140
Vinyl chloride	10.0	10.2		ug/L		102	72 - 126
1,2-Dibromoethane (EDB)	10.0	9.74		ug/L		97	80 - 120
2-Butanone (MEK)	20.0	21.0		ug/L		105	50 - 127
4-Methyl-2-pentanone (MIBK)	20.0	20.6		ug/L		103	72 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		80 - 128
Dibromofluoromethane (Surr)	99		80 - 127
Toluene-d8 (Surr)	100		80 - 120
4-Bromofluorobenzene (Surr)	101		68 - 120

QC Sample Results

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-124974/5

Matrix: Water

Analysis Batch: 124974

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichloropropane	10.0	10.6		ug/L		106	80 - 120	8	20
1,1,1,2-Tetrachloroethane	10.0	10.4		ug/L		104	80 - 126	6	20
1,1,1-Trichloroethane	10.0	8.91		ug/L		89	80 - 125	2	20
1,1,2,2-Tetrachloroethane	10.0	11.7	*1	ug/L		117	80 - 120	21	20
1,1,2-Trichloroethane	10.0	10.3		ug/L		103	80 - 120	4	20
1,1-Dichloroethane	10.0	8.98		ug/L		90	77 - 120	3	20
1,1-Dichloroethene	10.0	7.97		ug/L		80	74 - 128	2	20
1,1-Dichloropropene	10.0	8.47		ug/L		85	79 - 125	4	20
1,2,3-Trichlorobenzene	10.0	12.1	*1	ug/L		121	80 - 121	21	20
1,2,4-Trichlorobenzene	10.0	11.5		ug/L		115	80 - 120	17	20
1,2,4-Trimethylbenzene	10.0	11.1		ug/L		111	80 - 122	18	20
1,2-Dibromo-3-Chloropropane	10.0	11.2		ug/L		112	67 - 120	20	20
1,2-Dichlorobenzene	10.0	11.5		ug/L		115	80 - 120	19	20
1,2-Dichloroethane	10.0	10.0		ug/L		100	80 - 123	0	20
1,2-Dichloropropane	10.0	9.89		ug/L		99	80 - 120	1	20
1,3,5-Trimethylbenzene	10.0	10.2		ug/L		102	80 - 121	5	20
1,3-Dichlorobenzene	10.0	11.1		ug/L		111	80 - 120	18	20
1,3-Dichloropropane	10.0	10.6		ug/L		106	80 - 120	7	20
1,4-Dichlorobenzene	10.0	11.4		ug/L		114	80 - 120	19	20
2,2-Dichloropropane	10.0	9.11		ug/L		91	77 - 139	3	20
2-Chlorotoluene	10.0	10.1		ug/L		101	80 - 120	5	20
2-Hexanone	20.0	23.3		ug/L		117	66 - 129	10	21
4-Chlorotoluene	10.0	11.1		ug/L		111	80 - 120	18	20
4-Isopropyltoluene	10.0	11.1		ug/L		111	80 - 121	17	20
Acetone	20.0	21.3		ug/L		106	58 - 131	6	30
Benzene	10.0	9.34		ug/L		93	80 - 120	1	20
Bromobenzene	10.0	10.3		ug/L		103	80 - 120	5	20
Bromoform	10.0	12.6	*1	ug/L		126	70 - 141	21	20
Bromomethane	10.0	12.1		ug/L		121	50 - 150	2	22
Carbon disulfide	10.0	8.23		ug/L		82	65 - 136	3	20
Carbon tetrachloride	10.0	8.41		ug/L		84	75 - 142	1	20
Chlorobenzene	10.0	10.2		ug/L		102	80 - 120	5	20
Bromochloromethane	10.0	9.95		ug/L		99	80 - 120	3	20
Chloroethane	10.0	10.2		ug/L		102	74 - 123	1	20
Chloroform	10.0	9.65		ug/L		96	80 - 120	1	20
Chloromethane	10.0	9.62		ug/L		96	54 - 140	6	20
cis-1,2-Dichloroethene	10.0	9.55		ug/L		95	80 - 121	2	20
cis-1,3-Dichloropropene	10.0	9.99		ug/L		100	80 - 120	1	20
Dibromochloromethane	10.0	10.7		ug/L		107	80 - 128	8	20
Dibromomethane	10.0	10.2		ug/L		102	80 - 120	1	20
Bromodichloromethane	10.0	10.4		ug/L		104	80 - 126	0	20
Dichlorodifluoromethane	10.0	8.95		ug/L		90	63 - 135	3	20
Ethylbenzene	10.0	10.1		ug/L		101	80 - 120	6	20
Hexachlorobutadiene	10.0	11.2		ug/L		112	80 - 130	16	20
Isopropylbenzene	10.0	9.94		ug/L		99	80 - 121	4	20
m,p-Xylene	20.0	20.2		ug/L		101	80 - 120	4	20
Methylene Chloride	10.0	9.07		ug/L		91	71 - 125	0	20
Naphthalene	10.0	12.2		ug/L		122	80 - 125	20	20

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QC Sample Results

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-124974/5
Matrix: Water
Analysis Batch: 124974

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
n-Butylbenzene	10.0	11.0		ug/L		110	80 - 124	17	20
N-Propylbenzene	10.0	9.82		ug/L		98	80 - 121	4	20
o-Xylene	10.0	10.1		ug/L		101	80 - 120	4	20
sec-Butylbenzene	10.0	10.8		ug/L		108	80 - 120	18	20
Styrene	10.0	10.3		ug/L		103	80 - 120	5	20
tert-Butylbenzene	10.0	10.5		ug/L		105	80 - 120	14	20
Tetrachloroethene (PCE)	10.0	9.35		ug/L		94	80 - 126	5	20
Toluene	10.0	9.47		ug/L		95	80 - 120	1	20
trans-1,2-Dichloroethene	10.0	8.91		ug/L		89	74 - 121	1	20
trans-1,3-Dichloropropene	10.0	10.8		ug/L		108	80 - 123	5	20
Trichloroethene	10.0	9.44		ug/L		94	80 - 120	1	20
Trichlorofluoromethane	10.0	9.74		ug/L		97	74 - 137	1	20
Trichlorotrifluoroethane	10.0	6.23		ug/L		62	51 - 140	2	20
Vinyl chloride	10.0	9.96		ug/L		100	72 - 126	2	20
1,2-Dibromoethane (EDB)	10.0	10.6		ug/L		106	80 - 120	9	20
2-Butanone (MEK)	20.0	21.1		ug/L		106	50 - 127	1	26
4-Methyl-2-pentanone (MIBK)	20.0	21.3		ug/L		106	72 - 120	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		80 - 128
Dibromofluoromethane (Surr)	99		80 - 127
Toluene-d8 (Surr)	100		80 - 120
4-Bromofluorobenzene (Surr)	97		68 - 120

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 570-123964/1-A
Matrix: Water
Analysis Batch: 124357

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 123964

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50	0.34	ug/L		01/22/21 09:14	01/25/21 11:10	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	58		15 - 150	01/22/21 09:14	01/25/21 11:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	124		46 - 128	01/22/21 09:14	01/25/21 11:10	1

Lab Sample ID: LCS 570-123964/2-A
Matrix: Water
Analysis Batch: 124357

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 123964

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	20.0	14.6		ug/L		73	57 - 136

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
1,4-Dioxane-d8	56		15 - 150

QC Sample Results

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) (Continued)

Lab Sample ID: LCS 570-123964/2-A
Matrix: Water
Analysis Batch: 124357

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 123964

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5 (Surr)	122		46 - 128

Lab Sample ID: LCSD 570-123964/3-A
Matrix: Water
Analysis Batch: 124357

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 123964

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	20.0	16.0		ug/L		80	57 - 136	9	20
Isotope Dilution		LCSD %Recovery	LCSD Qualifier	Limits					
1,4-Dioxane-d8		58		15 - 150					
Surrogate		LCSD %Recovery	LCSD Qualifier	Limits					
Nitrobenzene-d5 (Surr)		109		46 - 128					

Lab Sample ID: 570-48888-G-3-A MS
Matrix: Water
Analysis Batch: 124357

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 123964

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	3.5		20.0	20.6		ug/L		85	45 - 139
Isotope Dilution		MS %Recovery	MS Qualifier	Limits					
1,4-Dioxane-d8		56		15 - 150					
Surrogate		MS %Recovery	MS Qualifier	Limits					
Nitrobenzene-d5 (Surr)		112		46 - 128					

Lab Sample ID: 570-48888-G-3-B MSD
Matrix: Water
Analysis Batch: 124357

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 123964

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	3.5		20.0	20.1		ug/L		83	45 - 139	2	17
Isotope Dilution		MSD %Recovery	MSD Qualifier	Limits							
1,4-Dioxane-d8		57		15 - 150							
Surrogate		MSD %Recovery	MSD Qualifier	Limits							
Nitrobenzene-d5 (Surr)		97		46 - 128							

QC Association Summary

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

GC/MS VOA

Analysis Batch: 124261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-277714-1	MW-9-011821	Total/NA	Water	8260B	
440-277714-2	MW-17-011821	Total/NA	Water	8260B	
440-277714-3	P-114-011821	Total/NA	Water	8260B	
440-277714-6	P-112-011821	Total/NA	Water	8260B	
440-277714-7	TB-011821	Total/NA	Water	8260B	
440-277714-8	GECC-901-011921	Total/NA	Water	8260B	
440-277714-9	P-113-011921	Total/NA	Water	8260B	
440-277714-10	GECC-902-011921	Total/NA	Water	8260B	
440-277714-11	GECC-905-011921	Total/NA	Water	8260B	
MB 570-124261/7	Method Blank	Total/NA	Water	8260B	
LCS 570-124261/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-124261/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 124974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-277714-4	MW-33-011821	Total/NA	Water	8260B	
440-277714-5	P-111-011821	Total/NA	Water	8260B	
MB 570-124974/7	Method Blank	Total/NA	Water	8260B	
LCS 570-124974/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-124974/5	Lab Control Sample Dup	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 123964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-277714-1	MW-9-011821	Total/NA	Water	3510C	
440-277714-2	MW-17-011821	Total/NA	Water	3510C	
440-277714-3	P-114-011821	Total/NA	Water	3510C	
440-277714-4	MW-33-011821	Total/NA	Water	3510C	
440-277714-5	P-111-011821	Total/NA	Water	3510C	
440-277714-6	P-112-011821	Total/NA	Water	3510C	
440-277714-8	GECC-901-011921	Total/NA	Water	3510C	
440-277714-9	P-113-011921	Total/NA	Water	3510C	
440-277714-10	GECC-902-011921	Total/NA	Water	3510C	
440-277714-11	GECC-905-011921	Total/NA	Water	3510C	
MB 570-123964/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-123964/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-123964/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
570-48888-G-3-A MS	Matrix Spike	Total/NA	Water	3510C	
570-48888-G-3-B MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	

Analysis Batch: 124357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-277714-1	MW-9-011821	Total/NA	Water	8270C SIM ID	123964
440-277714-2	MW-17-011821	Total/NA	Water	8270C SIM ID	123964
440-277714-3	P-114-011821	Total/NA	Water	8270C SIM ID	123964
440-277714-4	MW-33-011821	Total/NA	Water	8270C SIM ID	123964
440-277714-5	P-111-011821	Total/NA	Water	8270C SIM ID	123964
440-277714-6	P-112-011821	Total/NA	Water	8270C SIM ID	123964
440-277714-8	GECC-901-011921	Total/NA	Water	8270C SIM ID	123964
440-277714-9	P-113-011921	Total/NA	Water	8270C SIM ID	123964

Eurofins Calscience Irvine

QC Association Summary

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

GC/MS Semi VOA (Continued)

Analysis Batch: 124357 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-277714-10	GECC-902-011921	Total/NA	Water	8270C SIM ID	123964
440-277714-11	GECC-905-011921	Total/NA	Water	8270C SIM ID	123964
MB 570-123964/1-A	Method Blank	Total/NA	Water	8270C SIM ID	123964
LCS 570-123964/2-A	Lab Control Sample	Total/NA	Water	8270C SIM ID	123964
LCSD 570-123964/3-A	Lab Control Sample Dup	Total/NA	Water	8270C SIM ID	123964
570-48888-G-3-A MS	Matrix Spike	Total/NA	Water	8270C SIM ID	123964
570-48888-G-3-B MSD	Matrix Spike Duplicate	Total/NA	Water	8270C SIM ID	123964

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Definitions/Glossary

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-0161	11-19-21
California	Los Angeles County Sanitation Districts	10109	09-30-21
California	SCAQMD LAP	17LA0919	11-30-21
California	State	2944	02-21-21
Guam	State	20-003R	10-31-20 *
Nevada	State	CA00111	07-31-21
Oregon	NELAP	CA300001	01-29-21
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-21

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Calscience Irvine



1/2

BLAINE
TECH SERVICES INC.
1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY
CLIENT: General Atomics
SITE: General Atomics
11222 Flintoke
San Diego, CA

SAMPLE ID	DATE	TIME	MATRIX W = H2O S = Soil	CONTAINERS	
				TOTAL	Various
MW-9-011821	01-18-21	1209	W	5	Various
MW-11-011821		1104	W	5	
P-114-011821		0957	W	5	
SW-33-011821		1302	W	5	
P-111-011821		1404	W	5	
P-112-011821		1450	W	5	
TB-011821		0715	W	2	Veap
GECC 901-011921	01-19-21	0859	W	5	Various
P-113-011921		0948	W	5	
GECC-902-011921		1041	W	5	

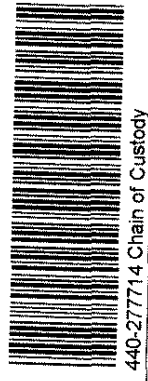
SAMPLING PERFORMED BY: *Kerry L. Campbell*

SAMPLING COMPLETED: 01-19-21 1222
RELEASED BY: *[Signature]*

RECEIVED BY: *EC-FI2V* DATE: 01-19-21 TIME: 1430
RELEASED BY: *[Signature]* DATE: 01-19-21 TIME: 1250

SHIPPED VIA: *IR43* DATE SENT: 01-21-21 TIME SENT: 1250

LAB	Test America	DHS #	CONDUCT ANALYSIS TO DETECT							
			VOC analyses (USEPA Method 8260B)	1,4-Dioxane (USEPA Method 8270D)	Alkalinity	Chloride	Cr (VI)	Metals (total/dissolved)	TOC	
SPECIAL INSTRUCTIONS Report to Anil Dharmapal Project Manager Licensing, Safety and Nuclear Compliance 3550 General Atomics Court, San Diego, CA 92121 Office (858) 455-2540, Cell (858) 226-0582			X	X						
ADD'L INFORMATION			X	X						
			X	X						
STATUS			X	X						
			X	X						
CONDITION			X	X						
			X	X						
LAB SAMPLE #			X	X						
			X	X						

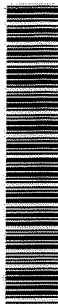


RESULTS NEEDED NO LATER THAN: EC-FI2V
DATE: 1-21-21 TIME: 11:00

RECEIVED BY: *[Signature]* DATE: 1/21/21 TIME: 12:50
SHIPPED VIA: *IR43* DATE SENT: 2/4/23



Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler		Lab PM:		Carrier Tracking No(s):		COC No:	
Client Contact Shipping/Receiving		Phone		Davidkov, Lena		440-165788 1		440-165788 1	
Company Eurofins Calscience LLC		E-Mail: Lena Davidkova@Eurofins.com		State of Origin California		Page 1 of 2		Page 1 of 2	
Address: 7440 Lincoln Way, City: Garden Grove State, Zip CA, 92841		Project #: 44023004		SOW#:		Job #: 440-277714-1		Job #: 440-277714-1	
Phone: 714-895-5494(Tel) 714-894-7501(Fax)		Site:		Project Name: General Atomics		Accreditations Required (See note): State Program - California		Preservation Codes: A - HCl B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amehlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other	
Email: 714-895-5494(Tel) 714-894-7501(Fax)		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (Water, Solid, On-water, BT-Tissue, A-Air)	
TAT Requested (days):		Perform MS/MSD (Yes or No)		Field Filtered Sample (Yes or No)		8260B_LL/5030C (MOD) Default/Ketones		8270C_SIM_MS_ID/3510C 1-4-Dioxane - SIM_MS_ID	
Analysis Requested		Special Instructions/Note:		Total Number of Containers					
MW-9-011821 (440-277714-1)	1/18/21	12:09 Pacific	Water	X	X				
MW-17-011821 (440-277714-2)	1/18/21	11:04 Pacific	Water	X	X				
P-114-011821 (440-277714-3)	1/18/21	09:57 Pacific	Water	X	X				
MW-33-011821 (440-277714-4)	1/18/21	13:02 Pacific	Water	X	X				
P-11-011821 (440-277714-5)	1/18/21	14:04 Pacific	Water	X	X				
P-112-011821 (440-277714-6)	1/18/21	14:50 Pacific	Water	X	X				
TB-011821 (440-277714-7)	1/18/21	07:15 Pacific	Water	X	X				
GECC-901-011921 (440-277714-8)	1/19/21	08:59 Pacific	Water	X	X				
P-113-011921 (440-277714-9)	1/19/21	09:48 Pacific	Water	X	X				

Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience.

Possible Hazard Identification
 Unconfirmed
 Deliverable Requested I, II, III, IV, Other (Specify) _____
 Primary Deliverable Rank 2

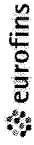
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client
 Disposal By Lab
 Special Instructions/QC Requirements: _____

Date/Time	Date	Time	Method of Shipment:
Relinquished by:	1/21/21	1700	Company: EA
Relinquished by:	01/21/21	1850	Company: EA
Relinquished by: _____	Date/Time:		Company:

Custody Seals Intact: Yes No
 Cooler Temperature(s) °C and Other Remarks: 3.0/1.9, 3.0/2.5 SCC



Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler:	Lab PM:	Carrier Tracking No(s):	GOC No:
Shipping/Receiving Company: Eurofins Calscience LLC		Phone:	Davidkov, Lena	State of Origin: California	440-165788.2
Address: 7440 Lincoln Way, Garden Grove, CA 92841		E-Mail: Lena.Davidkova@Eurofinset.com	State Program - California	Page: Page 2 of 2	Job #: 440-277714-1
Due Date Requested: 2/3/2021		Accreditations Required (See note): State Program - California			
TAT Requested (days):		Analysis Requested			
PO #:	Project #:	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B_LL/5030C (MOD) Default/Ketones	8270C_SIM_MS_ID/3510C 1,4-Dioxane - SIM_MS_ID
WO #:	SSOW#:	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Sewage, On-water, BT=Blank, A=Air)
Project Name: General Atomics		1/19/21	10:41 Pacific	Water	Water
Site:		1/19/21	12:22 Pacific	Water	Water
Sample Identification - Client ID (Lab ID)		Special Instructions/Note:			
GECC-902-011921 (440-277714-10)	Total Number of containers				
GECC-905-011921 (440-277714-11)					
<p>Possible Hazard Identification</p> <p>Unconfirmed Deliverable Requested I, II, III, IV, Other (specify):</p> <p>Primary Deliverable Rank: 2</p> <p>Special Instructions/QC Requirements:</p>		<p>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</p> <p>Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For: _____ Months</p>			
<p>Relinquished by: </p> <p>Relinquished by: </p> <p>Relinquished by: </p> <p>Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No</p>		<p>Method of Shipment:</p> <p>Date/Time: 1/21/21 1700 Company: ECI</p> <p>Date/Time: 1/21/21 1850 Company: ECI</p> <p>Date/Time: _____ Company: _____</p> <p>Cooler Temperature(s) °C and Other Remarks:</p>			



Login Sample Receipt Checklist

Client: General Atomics

Job Number: 440-277714-1

Login Number: 277714

List Source: Eurofins Irvine

List Number: 1

Creator: Escalante, Maria I

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: General Atomics

Job Number: 440-277714-1

Login Number: 277714

List Source: Eurofins Calscience

List Number: 2

List Creation: 01/22/21 09:25 AM

Creator: Cruise, Noel

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.9 & 2.5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Isotope Dilution Summary

Client: General Atomics
Project/Site: General Atomics

Job ID: 440-277714-1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DXE (15-150)
440-277714-1	MW-9-011821	61
440-277714-2	MW-17-011821	60
440-277714-3	P-114-011821	52
440-277714-4	MW-33-011821	55
440-277714-5	P-111-011821	52
440-277714-6	P-112-011821	52
440-277714-8	GECC-901-011921	53
440-277714-9	P-113-011921	50
440-277714-10	GECC-902-011921	52
440-277714-11	GECC-905-011921	50
570-48888-G-3-A MS	Matrix Spike	56
570-48888-G-3-B MSD	Matrix Spike Duplicate	57
LCS 570-123964/2-A	Lab Control Sample	56
LCSD 570-123964/3-A	Lab Control Sample Dup	58
MB 570-123964/1-A	Method Blank	58

Surrogate Legend

DXE = 1,4-Dioxane-d8



ANALYTICAL REPORT

Eurofins Calscience Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

Laboratory Job ID: 440-279223-1

Client Project/Site: Monthly In-situ Chemical Oxidation (ISCO)
Revision: 1

For:
General Atomics
PO BOX 85608
San Diego, California 92138-5608

Attn: Anil Dharmapal



Authorized for release by:
4/19/2021 5:28:11 PM

Lena Davidkov, Project Manager II
(949)260-3229
Lena.Davidkova@Eurofinset.com

LINKS

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www.eurofinsus.com/Env

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.





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Sample Summary

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
440-279223-1	TB-021521	Water	02/15/21 06:30	02/17/21 18:20	
440-279223-2	P-112-021521	Water	02/15/21 09:16	02/17/21 18:20	
440-279223-3	P-113-021521	Water	02/15/21 10:30	02/17/21 18:20	
440-279223-4	MW-33-021521	Water	02/15/21 11:39	02/17/21 18:20	
440-279223-5	MW-9-021521	Water	02/15/21 12:43	02/17/21 18:20	
440-279223-6	MW-17-021521	Water	02/15/21 13:37	02/17/21 18:20	
440-279223-7	P-114-021521	Water	02/15/21 14:35	02/17/21 18:20	
440-279223-8	P-111-021621	Water	02/16/21 08:31	02/17/21 18:20	
440-279223-9	GECC-905-021621	Water	02/16/21 09:33	02/17/21 18:20	
440-279223-10	GECC-902-021621	Water	02/16/21 10:31	02/17/21 18:20	
440-279223-11	GECC-901-021621	Water	02/16/21 11:31	02/17/21 18:20	

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Case Narrative

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Job ID: 440-279223-1

Laboratory: Eurofins Calscience Irvine

Narrative

Job Narrative
440-279223-1

Comments

This report was revised to include QC data for Trichlorotrifluoroethane

Receipt

The samples were received on 2/17/2021 6:20 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice.

GC/MS VOA

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-131728.

Method 8260B: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: MW-33-021521 (440-279223-4). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Client Sample ID: TB-021521

Lab Sample ID: 440-279223-1

Date Collected: 02/15/21 06:30

Matrix: Water

Date Received: 02/17/21 18:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			02/25/21 11:35	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			02/25/21 11:35	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			02/25/21 11:35	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			02/25/21 11:35	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			02/25/21 11:35	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			02/25/21 11:35	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			02/25/21 11:35	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			02/25/21 11:35	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			02/25/21 11:35	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			02/25/21 11:35	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			02/25/21 11:35	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			02/25/21 11:35	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			02/25/21 11:35	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			02/25/21 11:35	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			02/25/21 11:35	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			02/25/21 11:35	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			02/25/21 11:35	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			02/25/21 11:35	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			02/25/21 11:35	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			02/25/21 11:35	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			02/25/21 11:35	1
2-Hexanone	ND		6.0	4.3	ug/L			02/25/21 11:35	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			02/25/21 11:35	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			02/25/21 11:35	1
Acetone	ND		8.0	4.0	ug/L			02/25/21 11:35	1
Benzene	ND		0.50	0.27	ug/L			02/25/21 11:35	1
Bromobenzene	ND		0.50	0.26	ug/L			02/25/21 11:35	1
Bromoform	ND		0.50	0.39	ug/L			02/25/21 11:35	1
Bromomethane	ND		1.0	0.93	ug/L			02/25/21 11:35	1
Carbon disulfide	ND		1.0	0.24	ug/L			02/25/21 11:35	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			02/25/21 11:35	1
Chlorobenzene	ND		0.50	0.24	ug/L			02/25/21 11:35	1
Bromochloromethane	ND		1.0	0.35	ug/L			02/25/21 11:35	1
Chloroethane	ND		0.50	0.44	ug/L			02/25/21 11:35	1
Chloroform	ND		0.50	0.28	ug/L			02/25/21 11:35	1
Chloromethane	ND		1.0	0.29	ug/L			02/25/21 11:35	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			02/25/21 11:35	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			02/25/21 11:35	1
Dibromochloromethane	ND		0.50	0.27	ug/L			02/25/21 11:35	1
Dibromomethane	ND		0.50	0.23	ug/L			02/25/21 11:35	1
Bromodichloromethane	ND		0.50	0.22	ug/L			02/25/21 11:35	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			02/25/21 11:35	1
Ethylbenzene	ND		0.50	0.36	ug/L			02/25/21 11:35	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			02/25/21 11:35	1
Isopropylbenzene	ND		0.50	0.38	ug/L			02/25/21 11:35	1
m,p-Xylene	ND		1.0	0.78	ug/L			02/25/21 11:35	1
Methylene Chloride	ND		1.0	0.48	ug/L			02/25/21 11:35	1
Naphthalene	ND		1.0	0.32	ug/L			02/25/21 11:35	1
n-Butylbenzene	ND		0.50	0.29	ug/L			02/25/21 11:35	1

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Client Sample ID: TB-021521

Lab Sample ID: 440-279223-1

Date Collected: 02/15/21 06:30

Matrix: Water

Date Received: 02/17/21 18:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.50	0.39	ug/L			02/25/21 11:35	1
o-Xylene	ND		0.50	0.35	ug/L			02/25/21 11:35	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			02/25/21 11:35	1
Styrene	ND		0.50	0.28	ug/L			02/25/21 11:35	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			02/25/21 11:35	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			02/25/21 11:35	1
Toluene	ND		0.50	0.33	ug/L			02/25/21 11:35	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			02/25/21 11:35	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			02/25/21 11:35	1
Trichloroethene	ND		0.50	0.29	ug/L			02/25/21 11:35	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			02/25/21 11:35	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			02/25/21 11:35	1
Vinyl chloride	ND		0.50	0.40	ug/L			02/25/21 11:35	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			02/25/21 11:35	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			02/25/21 11:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			02/25/21 11:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		80 - 128					02/25/21 11:35	1
Dibromofluoromethane (Surr)	94		80 - 127					02/25/21 11:35	1
Toluene-d8 (Surr)	100		80 - 120					02/25/21 11:35	1
4-Bromofluorobenzene (Surr)	93		68 - 120					02/25/21 11:35	1

Client Sample ID: P-112-021521

Lab Sample ID: 440-279223-2

Date Collected: 02/15/21 09:16

Matrix: Water

Date Received: 02/17/21 18:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		10	6.4	ug/L			02/25/21 12:05	20
1,1,1,2-Tetrachloroethane	ND		10	5.1	ug/L			02/25/21 12:05	20
1,1,1-Trichloroethane	ND		10	5.3	ug/L			02/25/21 12:05	20
1,1,1,2-Tetrachloroethane	ND		10	3.9	ug/L			02/25/21 12:05	20
1,1,2-Trichloroethane	ND		10	1.7	ug/L			02/25/21 12:05	20
1,1-Dichloroethane	ND		10	7.1	ug/L			02/25/21 12:05	20
1,1-Dichloroethene	ND		10	7.8	ug/L			02/25/21 12:05	20
1,1-Dichloropropene	ND		10	4.8	ug/L			02/25/21 12:05	20
1,2,3-Trichlorobenzene	ND		10	5.5	ug/L			02/25/21 12:05	20
1,2,4-Trichlorobenzene	ND		10	7.5	ug/L			02/25/21 12:05	20
1,2,4-Trimethylbenzene	ND		10	5.7	ug/L			02/25/21 12:05	20
1,2-Dibromo-3-Chloropropane	ND		20	13	ug/L			02/25/21 12:05	20
1,2-Dichlorobenzene	ND		10	4.6	ug/L			02/25/21 12:05	20
1,2-Dichloroethane	ND		10	3.0	ug/L			02/25/21 12:05	20
1,2-Dichloropropane	ND		10	4.8	ug/L			02/25/21 12:05	20
1,3,5-Trimethylbenzene	ND		10	5.7	ug/L			02/25/21 12:05	20
1,3-Dichlorobenzene	ND		10	5.1	ug/L			02/25/21 12:05	20
1,3-Dichloropropane	ND		10	4.1	ug/L			02/25/21 12:05	20
1,4-Dichlorobenzene	ND		10	4.5	ug/L			02/25/21 12:05	20
2,2-Dichloropropane	ND		10	7.9	ug/L			02/25/21 12:05	20
2-Chlorotoluene	ND		10	6.2	ug/L			02/25/21 12:05	20

Eurofins Calscience Irvine

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Client Sample ID: P-112-021521

Lab Sample ID: 440-279223-2

Date Collected: 02/15/21 09:16

Matrix: Water

Date Received: 02/17/21 18:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	ND		120	86	ug/L			02/25/21 12:05	20
4-Chlorotoluene	ND		10	6.7	ug/L			02/25/21 12:05	20
4-Isopropyltoluene	ND		10	5.5	ug/L			02/25/21 12:05	20
Acetone	ND		160	80	ug/L			02/25/21 12:05	20
Benzene	ND		10	5.3	ug/L			02/25/21 12:05	20
Bromobenzene	ND		10	5.2	ug/L			02/25/21 12:05	20
Bromoform	ND		10	7.8	ug/L			02/25/21 12:05	20
Bromomethane	ND		20	19	ug/L			02/25/21 12:05	20
Carbon disulfide	ND		20	4.9	ug/L			02/25/21 12:05	20
Carbon tetrachloride	ND		10	5.4	ug/L			02/25/21 12:05	20
Chlorobenzene	ND		10	4.8	ug/L			02/25/21 12:05	20
Bromochloromethane	ND		20	7.0	ug/L			02/25/21 12:05	20
Chloroethane	ND		10	8.8	ug/L			02/25/21 12:05	20
Chloroform	ND		10	5.7	ug/L			02/25/21 12:05	20
Chloromethane	ND		20	5.9	ug/L			02/25/21 12:05	20
cis-1,2-Dichloroethene	ND		10	6.0	ug/L			02/25/21 12:05	20
cis-1,3-Dichloropropene	ND		10	3.8	ug/L			02/25/21 12:05	20
Dibromochloromethane	ND		10	5.4	ug/L			02/25/21 12:05	20
Dibromomethane	ND		10	4.6	ug/L			02/25/21 12:05	20
Bromodichloromethane	ND		10	4.5	ug/L			02/25/21 12:05	20
Dichlorodifluoromethane	ND		20	14	ug/L			02/25/21 12:05	20
Ethylbenzene	ND		10	7.1	ug/L			02/25/21 12:05	20
Hexachlorobutadiene	ND		20	6.3	ug/L			02/25/21 12:05	20
Isopropylbenzene	ND		10	7.7	ug/L			02/25/21 12:05	20
m,p-Xylene	ND		20	16	ug/L			02/25/21 12:05	20
Methylene Chloride	ND		20	9.6	ug/L			02/25/21 12:05	20
Naphthalene	ND		20	6.4	ug/L			02/25/21 12:05	20
n-Butylbenzene	ND		10	5.9	ug/L			02/25/21 12:05	20
N-Propylbenzene	ND		10	7.8	ug/L			02/25/21 12:05	20
o-Xylene	ND		10	7.0	ug/L			02/25/21 12:05	20
sec-Butylbenzene	ND		10	6.8	ug/L			02/25/21 12:05	20
Styrene	ND		10	5.5	ug/L			02/25/21 12:05	20
tert-Butylbenzene	ND		10	6.8	ug/L			02/25/21 12:05	20
Tetrachloroethene (PCE)	63		10	5.8	ug/L			02/25/21 12:05	20
Toluene	ND		10	6.6	ug/L			02/25/21 12:05	20
trans-1,2-Dichloroethene	ND		10	7.2	ug/L			02/25/21 12:05	20
trans-1,3-Dichloropropene	ND		10	3.5	ug/L			02/25/21 12:05	20
Trichloroethene	500		10	5.8	ug/L			02/25/21 12:05	20
Trichlorofluoromethane	6.5 J		10	5.9	ug/L			02/25/21 12:05	20
Trichlorotrifluoroethane	ND		10	5.0	ug/L			02/25/21 12:05	20
Vinyl chloride	ND		10	8.0	ug/L			02/25/21 12:05	20
1,2-Dibromoethane (EDB)	ND		10	2.7	ug/L			02/25/21 12:05	20
2-Butanone (MEK)	ND		100	61	ug/L			02/25/21 12:05	20
4-Methyl-2-pentanone (MIBK)	ND		100	45	ug/L			02/25/21 12:05	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		80 - 128		02/25/21 12:05	20
Dibromofluoromethane (Surr)	100		80 - 127		02/25/21 12:05	20
Toluene-d8 (Surr)	104		80 - 120		02/25/21 12:05	20
4-Bromofluorobenzene (Surr)	95		68 - 120		02/25/21 12:05	20

Eurofins Calscience Irvine

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Client Sample ID: P-112-021521

Lab Sample ID: 440-279223-2

Date Collected: 02/15/21 09:16

Matrix: Water

Date Received: 02/17/21 18:20

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	11		0.50	0.34	ug/L		02/20/21 10:56	02/22/21 16:47	1
<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>1,4-Dioxane-d8</i>	59		15 - 150				02/20/21 10:56	02/22/21 16:47	1
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Nitrobenzene-d5 (Surr)</i>	83		46 - 128				02/20/21 10:56	02/22/21 16:47	1

Client Sample ID: P-113-021521

Lab Sample ID: 440-279223-3

Date Collected: 02/15/21 10:30

Matrix: Water

Date Received: 02/17/21 18:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		2.0	1.3	ug/L			02/25/21 12:34	4
1,1,1,2-Tetrachloroethane	ND		2.0	1.0	ug/L			02/25/21 12:34	4
1,1,1-Trichloroethane	ND		2.0	1.1	ug/L			02/25/21 12:34	4
1,1,2,2-Tetrachloroethane	ND		2.0	0.78	ug/L			02/25/21 12:34	4
1,1,2-Trichloroethane	ND		2.0	0.34	ug/L			02/25/21 12:34	4
1,1-Dichloroethane	ND		2.0	1.4	ug/L			02/25/21 12:34	4
1,1-Dichloroethene	ND		2.0	1.6	ug/L			02/25/21 12:34	4
1,1-Dichloropropene	ND		2.0	0.97	ug/L			02/25/21 12:34	4
1,2,3-Trichlorobenzene	ND		2.0	1.1	ug/L			02/25/21 12:34	4
1,2,4-Trichlorobenzene	ND		2.0	1.5	ug/L			02/25/21 12:34	4
1,2,4-Trimethylbenzene	ND		2.0	1.1	ug/L			02/25/21 12:34	4
1,2-Dibromo-3-Chloropropane	ND		4.0	2.6	ug/L			02/25/21 12:34	4
1,2-Dichlorobenzene	ND		2.0	0.92	ug/L			02/25/21 12:34	4
1,2-Dichloroethane	ND		2.0	0.60	ug/L			02/25/21 12:34	4
1,2-Dichloropropane	ND		2.0	0.96	ug/L			02/25/21 12:34	4
1,3,5-Trimethylbenzene	ND		2.0	1.1	ug/L			02/25/21 12:34	4
1,3-Dichlorobenzene	ND		2.0	1.0	ug/L			02/25/21 12:34	4
1,3-Dichloropropane	ND		2.0	0.82	ug/L			02/25/21 12:34	4
1,4-Dichlorobenzene	ND		2.0	0.90	ug/L			02/25/21 12:34	4
2,2-Dichloropropane	ND		2.0	1.6	ug/L			02/25/21 12:34	4
2-Chlorotoluene	ND		2.0	1.2	ug/L			02/25/21 12:34	4
2-Hexanone	ND		24	17	ug/L			02/25/21 12:34	4
4-Chlorotoluene	ND		2.0	1.3	ug/L			02/25/21 12:34	4
4-Isopropyltoluene	ND		2.0	1.1	ug/L			02/25/21 12:34	4
Acetone	ND		32	16	ug/L			02/25/21 12:34	4
Benzene	ND		2.0	1.1	ug/L			02/25/21 12:34	4
Bromobenzene	ND		2.0	1.0	ug/L			02/25/21 12:34	4
Bromoform	ND		2.0	1.6	ug/L			02/25/21 12:34	4
Bromomethane	ND		4.0	3.7	ug/L			02/25/21 12:34	4
Carbon disulfide	ND		4.0	0.98	ug/L			02/25/21 12:34	4
Carbon tetrachloride	ND		2.0	1.1	ug/L			02/25/21 12:34	4
Chlorobenzene	ND		2.0	0.95	ug/L			02/25/21 12:34	4
Bromochloromethane	ND		4.0	1.4	ug/L			02/25/21 12:34	4
Chloroethane	ND		2.0	1.8	ug/L			02/25/21 12:34	4
Chloroform	ND		2.0	1.1	ug/L			02/25/21 12:34	4
Chloromethane	ND		4.0	1.2	ug/L			02/25/21 12:34	4
cis-1,2-Dichloroethene	4.6		2.0	1.2	ug/L			02/25/21 12:34	4

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Client Sample ID: P-113-021521

Lab Sample ID: 440-279223-3

Date Collected: 02/15/21 10:30

Matrix: Water

Date Received: 02/17/21 18:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		2.0	0.77	ug/L			02/25/21 12:34	4
Dibromochloromethane	ND		2.0	1.1	ug/L			02/25/21 12:34	4
Dibromomethane	ND		2.0	0.92	ug/L			02/25/21 12:34	4
Bromodichloromethane	ND		2.0	0.89	ug/L			02/25/21 12:34	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			02/25/21 12:34	4
Ethylbenzene	ND		2.0	1.4	ug/L			02/25/21 12:34	4
Hexachlorobutadiene	ND		4.0	1.3	ug/L			02/25/21 12:34	4
Isopropylbenzene	ND		2.0	1.5	ug/L			02/25/21 12:34	4
m,p-Xylene	ND		4.0	3.1	ug/L			02/25/21 12:34	4
Methylene Chloride	ND		4.0	1.9	ug/L			02/25/21 12:34	4
Naphthalene	ND		4.0	1.3	ug/L			02/25/21 12:34	4
n-Butylbenzene	ND		2.0	1.2	ug/L			02/25/21 12:34	4
N-Propylbenzene	ND		2.0	1.6	ug/L			02/25/21 12:34	4
o-Xylene	ND		2.0	1.4	ug/L			02/25/21 12:34	4
sec-Butylbenzene	ND		2.0	1.4	ug/L			02/25/21 12:34	4
Styrene	ND		2.0	1.1	ug/L			02/25/21 12:34	4
tert-Butylbenzene	ND		2.0	1.4	ug/L			02/25/21 12:34	4
Tetrachloroethene (PCE)	ND		2.0	1.2	ug/L			02/25/21 12:34	4
Toluene	ND		2.0	1.3	ug/L			02/25/21 12:34	4
trans-1,2-Dichloroethene	ND		2.0	1.4	ug/L			02/25/21 12:34	4
trans-1,3-Dichloropropene	ND		2.0	0.69	ug/L			02/25/21 12:34	4
Trichloroethene	210		2.0	1.2	ug/L			02/25/21 12:34	4
Trichlorofluoromethane	ND		2.0	1.2	ug/L			02/25/21 12:34	4
Trichlorotrifluoroethane	ND		2.0	1.0	ug/L			02/25/21 12:34	4
Vinyl chloride	ND		2.0	1.6	ug/L			02/25/21 12:34	4
1,2-Dibromoethane (EDB)	ND		2.0	0.55	ug/L			02/25/21 12:34	4
2-Butanone (MEK)	ND		20	12	ug/L			02/25/21 12:34	4
4-Methyl-2-pentanone (MIBK)	ND		20	9.0	ug/L			02/25/21 12:34	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		80 - 128		02/25/21 12:34	4
Dibromofluoromethane (Surr)	106		80 - 127		02/25/21 12:34	4
Toluene-d8 (Surr)	99		80 - 120		02/25/21 12:34	4
4-Bromofluorobenzene (Surr)	92		68 - 120		02/25/21 12:34	4

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	4.7		0.50	0.34	ug/L		02/20/21 10:56	02/22/21 17:02	1
Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1,4-Dioxane-d8	45		15 - 150	02/20/21 10:56	02/22/21 17:02	1			
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
Nitrobenzene-d5 (Surr)	82		46 - 128	02/20/21 10:56	02/22/21 17:02	1			

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Client Sample ID: MW-33-021521

Lab Sample ID: 440-279223-4

Date Collected: 02/15/21 11:39

Matrix: Water

Date Received: 02/17/21 18:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		1.0	0.64	ug/L			02/25/21 13:04	2
1,1,1,2-Tetrachloroethane	ND		1.0	0.51	ug/L			02/25/21 13:04	2
1,1,1-Trichloroethane	ND		1.0	0.53	ug/L			02/25/21 13:04	2
1,1,2,2-Tetrachloroethane	ND		1.0	0.39	ug/L			02/25/21 13:04	2
1,1,2-Trichloroethane	ND		1.0	0.17	ug/L			02/25/21 13:04	2
1,1-Dichloroethane	ND		1.0	0.71	ug/L			02/25/21 13:04	2
1,1-Dichloroethene	ND		1.0	0.78	ug/L			02/25/21 13:04	2
1,1-Dichloropropene	ND		1.0	0.48	ug/L			02/25/21 13:04	2
1,2,3-Trichlorobenzene	ND		1.0	0.55	ug/L			02/25/21 13:04	2
1,2,4-Trichlorobenzene	ND		1.0	0.75	ug/L			02/25/21 13:04	2
1,2,4-Trimethylbenzene	ND		1.0	0.57	ug/L			02/25/21 13:04	2
1,2-Dibromo-3-Chloropropane	ND		2.0	1.3	ug/L			02/25/21 13:04	2
1,2-Dichlorobenzene	ND		1.0	0.46	ug/L			02/25/21 13:04	2
1,2-Dichloroethane	ND		1.0	0.30	ug/L			02/25/21 13:04	2
1,2-Dichloropropane	ND		1.0	0.48	ug/L			02/25/21 13:04	2
1,3,5-Trimethylbenzene	ND		1.0	0.57	ug/L			02/25/21 13:04	2
1,3-Dichlorobenzene	ND		1.0	0.51	ug/L			02/25/21 13:04	2
1,3-Dichloropropane	ND		1.0	0.41	ug/L			02/25/21 13:04	2
1,4-Dichlorobenzene	ND		1.0	0.45	ug/L			02/25/21 13:04	2
2,2-Dichloropropane	ND		1.0	0.79	ug/L			02/25/21 13:04	2
2-Chlorotoluene	ND		1.0	0.62	ug/L			02/25/21 13:04	2
2-Hexanone	ND		12	8.6	ug/L			02/25/21 13:04	2
4-Chlorotoluene	ND		1.0	0.67	ug/L			02/25/21 13:04	2
4-Isopropyltoluene	ND		1.0	0.55	ug/L			02/25/21 13:04	2
Acetone	ND		16	8.0	ug/L			02/25/21 13:04	2
Benzene	ND		1.0	0.53	ug/L			02/25/21 13:04	2
Bromobenzene	ND		1.0	0.52	ug/L			02/25/21 13:04	2
Bromoform	ND		1.0	0.78	ug/L			02/25/21 13:04	2
Bromomethane	ND		2.0	1.9	ug/L			02/25/21 13:04	2
Carbon disulfide	ND		2.0	0.49	ug/L			02/25/21 13:04	2
Carbon tetrachloride	ND		1.0	0.54	ug/L			02/25/21 13:04	2
Chlorobenzene	ND		1.0	0.48	ug/L			02/25/21 13:04	2
Bromochloromethane	ND		2.0	0.70	ug/L			02/25/21 13:04	2
Chloroethane	ND		1.0	0.88	ug/L			02/25/21 13:04	2
Chloroform	ND		1.0	0.57	ug/L			02/25/21 13:04	2
Chloromethane	ND		2.0	0.59	ug/L			02/25/21 13:04	2
cis-1,2-Dichloroethene	ND		1.0	0.60	ug/L			02/25/21 13:04	2
cis-1,3-Dichloropropene	ND		1.0	0.38	ug/L			02/25/21 13:04	2
Dibromochloromethane	ND		1.0	0.54	ug/L			02/25/21 13:04	2
Dibromomethane	ND		1.0	0.46	ug/L			02/25/21 13:04	2
Bromodichloromethane	ND		1.0	0.45	ug/L			02/25/21 13:04	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			02/25/21 13:04	2
Ethylbenzene	ND		1.0	0.71	ug/L			02/25/21 13:04	2
Hexachlorobutadiene	ND		2.0	0.63	ug/L			02/25/21 13:04	2
Isopropylbenzene	ND		1.0	0.77	ug/L			02/25/21 13:04	2
m,p-Xylene	ND		2.0	1.6	ug/L			02/25/21 13:04	2
Methylene Chloride	ND		2.0	0.96	ug/L			02/25/21 13:04	2
Naphthalene	ND		2.0	0.64	ug/L			02/25/21 13:04	2
n-Butylbenzene	ND		1.0	0.59	ug/L			02/25/21 13:04	2

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Client Sample ID: MW-33-021521

Lab Sample ID: 440-279223-4

Date Collected: 02/15/21 11:39

Matrix: Water

Date Received: 02/17/21 18:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.0	0.78	ug/L			02/25/21 13:04	2
o-Xylene	ND		1.0	0.70	ug/L			02/25/21 13:04	2
sec-Butylbenzene	ND		1.0	0.68	ug/L			02/25/21 13:04	2
Styrene	ND		1.0	0.55	ug/L			02/25/21 13:04	2
tert-Butylbenzene	ND		1.0	0.68	ug/L			02/25/21 13:04	2
Tetrachloroethene (PCE)	ND		1.0	0.58	ug/L			02/25/21 13:04	2
Toluene	ND		1.0	0.66	ug/L			02/25/21 13:04	2
trans-1,2-Dichloroethene	ND		1.0	0.72	ug/L			02/25/21 13:04	2
trans-1,3-Dichloropropene	ND		1.0	0.35	ug/L			02/25/21 13:04	2
Trichloroethene	4.2		1.0	0.58	ug/L			02/25/21 13:04	2
Trichlorofluoromethane	ND		1.0	0.59	ug/L			02/25/21 13:04	2
Trichlorotrifluoroethane	ND		1.0	0.50	ug/L			02/25/21 13:04	2
Vinyl chloride	ND		1.0	0.80	ug/L			02/25/21 13:04	2
1,2-Dibromoethane (EDB)	ND		1.0	0.27	ug/L			02/25/21 13:04	2
2-Butanone (MEK)	ND		10	6.1	ug/L			02/25/21 13:04	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.5	ug/L			02/25/21 13:04	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		80 - 128		02/25/21 13:04	2
Dibromofluoromethane (Surr)	99		80 - 127		02/25/21 13:04	2
Toluene-d8 (Surr)	100		80 - 120		02/25/21 13:04	2
4-Bromofluorobenzene (Surr)	97		68 - 120		02/25/21 13:04	2

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50	0.34	ug/L		02/20/21 10:56	02/22/21 17:16	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	59		15 - 150	02/20/21 10:56	02/22/21 17:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	80		46 - 128	02/20/21 10:56	02/22/21 17:16	1

Client Sample ID: MW-9-021521

Lab Sample ID: 440-279223-5

Date Collected: 02/15/21 12:43

Matrix: Water

Date Received: 02/17/21 18:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			02/25/21 13:34	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			02/25/21 13:34	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			02/25/21 13:34	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			02/25/21 13:34	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			02/25/21 13:34	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			02/25/21 13:34	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			02/25/21 13:34	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			02/25/21 13:34	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			02/25/21 13:34	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			02/25/21 13:34	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			02/25/21 13:34	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			02/25/21 13:34	1

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Client Sample ID: MW-9-021521

Lab Sample ID: 440-279223-5

Date Collected: 02/15/21 12:43

Matrix: Water

Date Received: 02/17/21 18:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			02/25/21 13:34	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			02/25/21 13:34	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			02/25/21 13:34	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			02/25/21 13:34	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			02/25/21 13:34	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			02/25/21 13:34	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			02/25/21 13:34	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			02/25/21 13:34	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			02/25/21 13:34	1
2-Hexanone	ND		6.0	4.3	ug/L			02/25/21 13:34	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			02/25/21 13:34	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			02/25/21 13:34	1
Acetone	ND		8.0	4.0	ug/L			02/25/21 13:34	1
Benzene	ND		0.50	0.27	ug/L			02/25/21 13:34	1
Bromobenzene	ND		0.50	0.26	ug/L			02/25/21 13:34	1
Bromoform	ND		0.50	0.39	ug/L			02/25/21 13:34	1
Bromomethane	ND		1.0	0.93	ug/L			02/25/21 13:34	1
Carbon disulfide	ND		1.0	0.24	ug/L			02/25/21 13:34	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			02/25/21 13:34	1
Chlorobenzene	ND		0.50	0.24	ug/L			02/25/21 13:34	1
Bromochloromethane	ND		1.0	0.35	ug/L			02/25/21 13:34	1
Chloroethane	ND		0.50	0.44	ug/L			02/25/21 13:34	1
Chloroform	ND		0.50	0.28	ug/L			02/25/21 13:34	1
Chloromethane	ND		1.0	0.29	ug/L			02/25/21 13:34	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			02/25/21 13:34	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			02/25/21 13:34	1
Dibromochloromethane	ND		0.50	0.27	ug/L			02/25/21 13:34	1
Dibromomethane	ND		0.50	0.23	ug/L			02/25/21 13:34	1
Bromodichloromethane	ND		0.50	0.22	ug/L			02/25/21 13:34	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			02/25/21 13:34	1
Ethylbenzene	ND		0.50	0.36	ug/L			02/25/21 13:34	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			02/25/21 13:34	1
Isopropylbenzene	ND		0.50	0.38	ug/L			02/25/21 13:34	1
m,p-Xylene	ND		1.0	0.78	ug/L			02/25/21 13:34	1
Methylene Chloride	ND		1.0	0.48	ug/L			02/25/21 13:34	1
Naphthalene	ND		1.0	0.32	ug/L			02/25/21 13:34	1
n-Butylbenzene	ND		0.50	0.29	ug/L			02/25/21 13:34	1
N-Propylbenzene	ND		0.50	0.39	ug/L			02/25/21 13:34	1
o-Xylene	ND		0.50	0.35	ug/L			02/25/21 13:34	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			02/25/21 13:34	1
Styrene	ND		0.50	0.28	ug/L			02/25/21 13:34	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			02/25/21 13:34	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			02/25/21 13:34	1
Toluene	ND		0.50	0.33	ug/L			02/25/21 13:34	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			02/25/21 13:34	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			02/25/21 13:34	1
Trichloroethene	ND		0.50	0.29	ug/L			02/25/21 13:34	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			02/25/21 13:34	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			02/25/21 13:34	1

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Client Sample ID: MW-9-021521

Lab Sample ID: 440-279223-5

Date Collected: 02/15/21 12:43

Matrix: Water

Date Received: 02/17/21 18:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.50	0.40	ug/L			02/25/21 13:34	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			02/25/21 13:34	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			02/25/21 13:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			02/25/21 13:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		80 - 128					02/25/21 13:34	1
Dibromofluoromethane (Surr)	102		80 - 127					02/25/21 13:34	1
Toluene-d8 (Surr)	105		80 - 120					02/25/21 13:34	1
4-Bromofluorobenzene (Surr)	94		68 - 120					02/25/21 13:34	1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	6.0		0.50	0.34	ug/L		02/20/21 10:56	02/22/21 17:31	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	52		15 - 150				02/20/21 10:56	02/22/21 17:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	79		46 - 128				02/20/21 10:56	02/22/21 17:31	1

Client Sample ID: MW-17-021521

Lab Sample ID: 440-279223-6

Date Collected: 02/15/21 13:37

Matrix: Water

Date Received: 02/17/21 18:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		10	6.4	ug/L			02/25/21 14:04	20
1,1,1,2-Tetrachloroethane	ND		10	5.1	ug/L			02/25/21 14:04	20
1,1,1-Trichloroethane	ND		10	5.3	ug/L			02/25/21 14:04	20
1,1,2,2-Tetrachloroethane	ND		10	3.9	ug/L			02/25/21 14:04	20
1,1,2-Trichloroethane	ND		10	1.7	ug/L			02/25/21 14:04	20
1,1-Dichloroethane	ND		10	7.1	ug/L			02/25/21 14:04	20
1,1-Dichloroethene	ND		10	7.8	ug/L			02/25/21 14:04	20
1,1-Dichloropropene	ND		10	4.8	ug/L			02/25/21 14:04	20
1,2,3-Trichlorobenzene	ND		10	5.5	ug/L			02/25/21 14:04	20
1,2,4-Trichlorobenzene	ND		10	7.5	ug/L			02/25/21 14:04	20
1,2,4-Trimethylbenzene	ND		10	5.7	ug/L			02/25/21 14:04	20
1,2-Dibromo-3-Chloropropane	ND		20	13	ug/L			02/25/21 14:04	20
1,2-Dichlorobenzene	ND		10	4.6	ug/L			02/25/21 14:04	20
1,2-Dichloroethane	ND		10	3.0	ug/L			02/25/21 14:04	20
1,2-Dichloropropane	ND		10	4.8	ug/L			02/25/21 14:04	20
1,3,5-Trimethylbenzene	ND		10	5.7	ug/L			02/25/21 14:04	20
1,3-Dichlorobenzene	ND		10	5.1	ug/L			02/25/21 14:04	20
1,3-Dichloropropane	ND		10	4.1	ug/L			02/25/21 14:04	20
1,4-Dichlorobenzene	ND		10	4.5	ug/L			02/25/21 14:04	20
2,2-Dichloropropane	ND		10	7.9	ug/L			02/25/21 14:04	20
2-Chlorotoluene	ND		10	6.2	ug/L			02/25/21 14:04	20
2-Hexanone	ND		120	86	ug/L			02/25/21 14:04	20
4-Chlorotoluene	ND		10	6.7	ug/L			02/25/21 14:04	20
4-Isopropyltoluene	ND		10	5.5	ug/L			02/25/21 14:04	20

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Client Sample ID: MW-17-021521

Lab Sample ID: 440-279223-6

Date Collected: 02/15/21 13:37

Matrix: Water

Date Received: 02/17/21 18:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		160	80	ug/L			02/25/21 14:04	20
Benzene	ND		10	5.3	ug/L			02/25/21 14:04	20
Bromobenzene	ND		10	5.2	ug/L			02/25/21 14:04	20
Bromoform	ND		10	7.8	ug/L			02/25/21 14:04	20
Bromomethane	ND		20	19	ug/L			02/25/21 14:04	20
Carbon disulfide	ND		20	4.9	ug/L			02/25/21 14:04	20
Carbon tetrachloride	ND		10	5.4	ug/L			02/25/21 14:04	20
Chlorobenzene	ND		10	4.8	ug/L			02/25/21 14:04	20
Bromochloromethane	ND		20	7.0	ug/L			02/25/21 14:04	20
Chloroethane	ND		10	8.8	ug/L			02/25/21 14:04	20
Chloroform	ND		10	5.7	ug/L			02/25/21 14:04	20
Chloromethane	ND		20	5.9	ug/L			02/25/21 14:04	20
cis-1,2-Dichloroethene	ND		10	6.0	ug/L			02/25/21 14:04	20
cis-1,3-Dichloropropene	ND		10	3.8	ug/L			02/25/21 14:04	20
Dibromochloromethane	ND		10	5.4	ug/L			02/25/21 14:04	20
Dibromomethane	ND		10	4.6	ug/L			02/25/21 14:04	20
Bromodichloromethane	ND		10	4.5	ug/L			02/25/21 14:04	20
Dichlorodifluoromethane	ND		20	14	ug/L			02/25/21 14:04	20
Ethylbenzene	ND		10	7.1	ug/L			02/25/21 14:04	20
Hexachlorobutadiene	ND		20	6.3	ug/L			02/25/21 14:04	20
Isopropylbenzene	ND		10	7.7	ug/L			02/25/21 14:04	20
m,p-Xylene	ND		20	16	ug/L			02/25/21 14:04	20
Methylene Chloride	ND		20	9.6	ug/L			02/25/21 14:04	20
Naphthalene	ND		20	6.4	ug/L			02/25/21 14:04	20
n-Butylbenzene	ND		10	5.9	ug/L			02/25/21 14:04	20
N-Propylbenzene	ND		10	7.8	ug/L			02/25/21 14:04	20
o-Xylene	ND		10	7.0	ug/L			02/25/21 14:04	20
sec-Butylbenzene	ND		10	6.8	ug/L			02/25/21 14:04	20
Styrene	ND		10	5.5	ug/L			02/25/21 14:04	20
tert-Butylbenzene	ND		10	6.8	ug/L			02/25/21 14:04	20
Tetrachloroethene (PCE)	40		10	5.8	ug/L			02/25/21 14:04	20
Toluene	ND		10	6.6	ug/L			02/25/21 14:04	20
trans-1,2-Dichloroethene	ND		10	7.2	ug/L			02/25/21 14:04	20
trans-1,3-Dichloropropene	ND		10	3.5	ug/L			02/25/21 14:04	20
Trichloroethene	460		10	5.8	ug/L			02/25/21 14:04	20
Trichlorofluoromethane	ND		10	5.9	ug/L			02/25/21 14:04	20
Trichlorotrifluoroethane	ND		10	5.0	ug/L			02/25/21 14:04	20
Vinyl chloride	ND		10	8.0	ug/L			02/25/21 14:04	20
1,2-Dibromoethane (EDB)	ND		10	2.7	ug/L			02/25/21 14:04	20
2-Butanone (MEK)	ND		100	61	ug/L			02/25/21 14:04	20
4-Methyl-2-pentanone (MIBK)	ND		100	45	ug/L			02/25/21 14:04	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		80 - 128					02/25/21 14:04	20
Dibromofluoromethane (Surr)	100		80 - 127					02/25/21 14:04	20
Toluene-d8 (Surr)	99		80 - 120					02/25/21 14:04	20
4-Bromofluorobenzene (Surr)	92		68 - 120					02/25/21 14:04	20

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Client Sample ID: MW-17-021521

Lab Sample ID: 440-279223-6

Date Collected: 02/15/21 13:37

Matrix: Water

Date Received: 02/17/21 18:20

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	13		0.50	0.34	ug/L		02/20/21 10:56	02/22/21 17:46	1
<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>1,4-Dioxane-d8</i>	<i>50</i>		<i>15 - 150</i>				<i>02/20/21 10:56</i>	<i>02/22/21 17:46</i>	<i>1</i>
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Nitrobenzene-d5 (Surr)</i>	<i>88</i>		<i>46 - 128</i>				<i>02/20/21 10:56</i>	<i>02/22/21 17:46</i>	<i>1</i>

Client Sample ID: P-114-021521

Lab Sample ID: 440-279223-7

Date Collected: 02/15/21 14:35

Matrix: Water

Date Received: 02/17/21 18:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			02/25/21 14:34	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			02/25/21 14:34	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			02/25/21 14:34	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			02/25/21 14:34	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			02/25/21 14:34	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			02/25/21 14:34	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			02/25/21 14:34	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			02/25/21 14:34	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			02/25/21 14:34	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			02/25/21 14:34	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			02/25/21 14:34	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			02/25/21 14:34	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			02/25/21 14:34	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			02/25/21 14:34	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			02/25/21 14:34	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			02/25/21 14:34	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			02/25/21 14:34	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			02/25/21 14:34	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			02/25/21 14:34	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			02/25/21 14:34	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			02/25/21 14:34	1
2-Hexanone	ND		6.0	4.3	ug/L			02/25/21 14:34	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			02/25/21 14:34	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			02/25/21 14:34	1
Acetone	ND		8.0	4.0	ug/L			02/25/21 14:34	1
Benzene	ND		0.50	0.27	ug/L			02/25/21 14:34	1
Bromobenzene	ND		0.50	0.26	ug/L			02/25/21 14:34	1
Bromoform	ND		0.50	0.39	ug/L			02/25/21 14:34	1
Bromomethane	ND		1.0	0.93	ug/L			02/25/21 14:34	1
Carbon disulfide	ND		1.0	0.24	ug/L			02/25/21 14:34	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			02/25/21 14:34	1
Chlorobenzene	ND		0.50	0.24	ug/L			02/25/21 14:34	1
Bromochloromethane	ND		1.0	0.35	ug/L			02/25/21 14:34	1
Chloroethane	ND		0.50	0.44	ug/L			02/25/21 14:34	1
Chloroform	ND		0.50	0.28	ug/L			02/25/21 14:34	1
Chloromethane	ND		1.0	0.29	ug/L			02/25/21 14:34	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			02/25/21 14:34	1

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Client Sample ID: P-114-021521

Lab Sample ID: 440-279223-7

Date Collected: 02/15/21 14:35

Matrix: Water

Date Received: 02/17/21 18:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			02/25/21 14:34	1
Dibromochloromethane	ND		0.50	0.27	ug/L			02/25/21 14:34	1
Dibromomethane	ND		0.50	0.23	ug/L			02/25/21 14:34	1
Bromodichloromethane	ND		0.50	0.22	ug/L			02/25/21 14:34	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			02/25/21 14:34	1
Ethylbenzene	ND		0.50	0.36	ug/L			02/25/21 14:34	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			02/25/21 14:34	1
Isopropylbenzene	ND		0.50	0.38	ug/L			02/25/21 14:34	1
m,p-Xylene	ND		1.0	0.78	ug/L			02/25/21 14:34	1
Methylene Chloride	ND		1.0	0.48	ug/L			02/25/21 14:34	1
Naphthalene	ND		1.0	0.32	ug/L			02/25/21 14:34	1
n-Butylbenzene	ND		0.50	0.29	ug/L			02/25/21 14:34	1
N-Propylbenzene	ND		0.50	0.39	ug/L			02/25/21 14:34	1
o-Xylene	ND		0.50	0.35	ug/L			02/25/21 14:34	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			02/25/21 14:34	1
Styrene	ND		0.50	0.28	ug/L			02/25/21 14:34	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			02/25/21 14:34	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			02/25/21 14:34	1
Toluene	ND		0.50	0.33	ug/L			02/25/21 14:34	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			02/25/21 14:34	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			02/25/21 14:34	1
Trichloroethene	ND		0.50	0.29	ug/L			02/25/21 14:34	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			02/25/21 14:34	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			02/25/21 14:34	1
Vinyl chloride	ND		0.50	0.40	ug/L			02/25/21 14:34	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			02/25/21 14:34	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			02/25/21 14:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			02/25/21 14:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		80 - 128					02/25/21 14:34	1
Dibromofluoromethane (Surr)	98		80 - 127					02/25/21 14:34	1
Toluene-d8 (Surr)	100		80 - 120					02/25/21 14:34	1
4-Bromofluorobenzene (Surr)	99		68 - 120					02/25/21 14:34	1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	9.2		0.50	0.34	ug/L		02/20/21 10:56	02/22/21 18:00	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	46		15 - 150				02/20/21 10:56	02/22/21 18:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	83		46 - 128				02/20/21 10:56	02/22/21 18:00	1

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Client Sample ID: P-111-021621

Lab Sample ID: 440-279223-8

Date Collected: 02/16/21 08:31

Matrix: Water

Date Received: 02/17/21 18:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		2.0	1.3	ug/L			02/25/21 15:04	4
1,1,1,2-Tetrachloroethane	ND		2.0	1.0	ug/L			02/25/21 15:04	4
1,1,1-Trichloroethane	ND		2.0	1.1	ug/L			02/25/21 15:04	4
1,1,2,2-Tetrachloroethane	ND		2.0	0.78	ug/L			02/25/21 15:04	4
1,1,2-Trichloroethane	ND		2.0	0.34	ug/L			02/25/21 15:04	4
1,1-Dichloroethane	ND		2.0	1.4	ug/L			02/25/21 15:04	4
1,1-Dichloroethene	5.0		2.0	1.6	ug/L			02/25/21 15:04	4
1,1-Dichloropropene	ND		2.0	0.97	ug/L			02/25/21 15:04	4
1,2,3-Trichlorobenzene	ND		2.0	1.1	ug/L			02/25/21 15:04	4
1,2,4-Trichlorobenzene	ND		2.0	1.5	ug/L			02/25/21 15:04	4
1,2,4-Trimethylbenzene	ND		2.0	1.1	ug/L			02/25/21 15:04	4
1,2-Dibromo-3-Chloropropane	ND		4.0	2.6	ug/L			02/25/21 15:04	4
1,2-Dichlorobenzene	ND		2.0	0.92	ug/L			02/25/21 15:04	4
1,2-Dichloroethane	ND		2.0	0.60	ug/L			02/25/21 15:04	4
1,2-Dichloropropane	ND		2.0	0.96	ug/L			02/25/21 15:04	4
1,3,5-Trimethylbenzene	ND		2.0	1.1	ug/L			02/25/21 15:04	4
1,3-Dichlorobenzene	ND		2.0	1.0	ug/L			02/25/21 15:04	4
1,3-Dichloropropane	ND		2.0	0.82	ug/L			02/25/21 15:04	4
1,4-Dichlorobenzene	ND		2.0	0.90	ug/L			02/25/21 15:04	4
2,2-Dichloropropane	ND		2.0	1.6	ug/L			02/25/21 15:04	4
2-Chlorotoluene	ND		2.0	1.2	ug/L			02/25/21 15:04	4
2-Hexanone	ND		24	17	ug/L			02/25/21 15:04	4
4-Chlorotoluene	ND		2.0	1.3	ug/L			02/25/21 15:04	4
4-Isopropyltoluene	ND		2.0	1.1	ug/L			02/25/21 15:04	4
Acetone	ND		32	16	ug/L			02/25/21 15:04	4
Benzene	ND		2.0	1.1	ug/L			02/25/21 15:04	4
Bromobenzene	ND		2.0	1.0	ug/L			02/25/21 15:04	4
Bromoform	ND		2.0	1.6	ug/L			02/25/21 15:04	4
Bromomethane	ND		4.0	3.7	ug/L			02/25/21 15:04	4
Carbon disulfide	ND		4.0	0.98	ug/L			02/25/21 15:04	4
Carbon tetrachloride	ND		2.0	1.1	ug/L			02/25/21 15:04	4
Chlorobenzene	ND		2.0	0.95	ug/L			02/25/21 15:04	4
Bromochloromethane	ND		4.0	1.4	ug/L			02/25/21 15:04	4
Chloroethane	ND		2.0	1.8	ug/L			02/25/21 15:04	4
Chloroform	ND		2.0	1.1	ug/L			02/25/21 15:04	4
Chloromethane	ND		4.0	1.2	ug/L			02/25/21 15:04	4
cis-1,2-Dichloroethene	ND		2.0	1.2	ug/L			02/25/21 15:04	4
cis-1,3-Dichloropropene	ND		2.0	0.77	ug/L			02/25/21 15:04	4
Dibromochloromethane	ND		2.0	1.1	ug/L			02/25/21 15:04	4
Dibromomethane	ND		2.0	0.92	ug/L			02/25/21 15:04	4
Bromodichloromethane	ND		2.0	0.89	ug/L			02/25/21 15:04	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			02/25/21 15:04	4
Ethylbenzene	ND		2.0	1.4	ug/L			02/25/21 15:04	4
Hexachlorobutadiene	ND		4.0	1.3	ug/L			02/25/21 15:04	4
Isopropylbenzene	ND		2.0	1.5	ug/L			02/25/21 15:04	4
m,p-Xylene	ND		4.0	3.1	ug/L			02/25/21 15:04	4
Methylene Chloride	ND		4.0	1.9	ug/L			02/25/21 15:04	4
Naphthalene	ND		4.0	1.3	ug/L			02/25/21 15:04	4
n-Butylbenzene	ND		2.0	1.2	ug/L			02/25/21 15:04	4

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Client Sample ID: P-111-021621

Lab Sample ID: 440-279223-8

Date Collected: 02/16/21 08:31

Matrix: Water

Date Received: 02/17/21 18:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		2.0	1.6	ug/L			02/25/21 15:04	4
o-Xylene	ND		2.0	1.4	ug/L			02/25/21 15:04	4
sec-Butylbenzene	ND		2.0	1.4	ug/L			02/25/21 15:04	4
Styrene	ND		2.0	1.1	ug/L			02/25/21 15:04	4
tert-Butylbenzene	ND		2.0	1.4	ug/L			02/25/21 15:04	4
Tetrachloroethene (PCE)	46		2.0	1.2	ug/L			02/25/21 15:04	4
Toluene	ND		2.0	1.3	ug/L			02/25/21 15:04	4
trans-1,2-Dichloroethene	ND		2.0	1.4	ug/L			02/25/21 15:04	4
trans-1,3-Dichloropropene	ND		2.0	0.69	ug/L			02/25/21 15:04	4
Trichloroethene	120		2.0	1.2	ug/L			02/25/21 15:04	4
Trichlorofluoromethane	3.2		2.0	1.2	ug/L			02/25/21 15:04	4
Trichlorotrifluoroethane	ND		2.0	1.0	ug/L			02/25/21 15:04	4
Vinyl chloride	ND		2.0	1.6	ug/L			02/25/21 15:04	4
1,2-Dibromoethane (EDB)	ND		2.0	0.55	ug/L			02/25/21 15:04	4
2-Butanone (MEK)	ND		20	12	ug/L			02/25/21 15:04	4
4-Methyl-2-pentanone (MIBK)	ND		20	9.0	ug/L			02/25/21 15:04	4
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		80 - 128					02/25/21 15:04	4
Dibromofluoromethane (Surr)	98		80 - 127					02/25/21 15:04	4
Toluene-d8 (Surr)	99		80 - 120					02/25/21 15:04	4
4-Bromofluorobenzene (Surr)	95		68 - 120					02/25/21 15:04	4

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	13		0.50	0.34	ug/L		02/20/21 10:56	02/22/21 18:15	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	48		15 - 150				02/20/21 10:56	02/22/21 18:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	93		46 - 128				02/20/21 10:56	02/22/21 18:15	1

Client Sample ID: GECC-905-021621

Lab Sample ID: 440-279223-9

Date Collected: 02/16/21 09:33

Matrix: Water

Date Received: 02/17/21 18:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		4.0	2.6	ug/L			02/25/21 15:34	8
1,1,1,2-Tetrachloroethane	ND		4.0	2.1	ug/L			02/25/21 15:34	8
1,1,1-Trichloroethane	ND		4.0	2.1	ug/L			02/25/21 15:34	8
1,1,2,2-Tetrachloroethane	ND		4.0	1.6	ug/L			02/25/21 15:34	8
1,1,2-Trichloroethane	ND		4.0	0.68	ug/L			02/25/21 15:34	8
1,1-Dichloroethane	ND		4.0	2.8	ug/L			02/25/21 15:34	8
1,1-Dichloroethene	5.5		4.0	3.1	ug/L			02/25/21 15:34	8
1,1-Dichloropropene	ND		4.0	1.9	ug/L			02/25/21 15:34	8
1,2,3-Trichlorobenzene	ND		4.0	2.2	ug/L			02/25/21 15:34	8
1,2,4-Trichlorobenzene	ND		4.0	3.0	ug/L			02/25/21 15:34	8
1,2,4-Trimethylbenzene	ND		4.0	2.3	ug/L			02/25/21 15:34	8
1,2-Dibromo-3-Chloropropane	ND		8.0	5.1	ug/L			02/25/21 15:34	8

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Client Sample ID: GECC-905-021621

Lab Sample ID: 440-279223-9

Date Collected: 02/16/21 09:33

Matrix: Water

Date Received: 02/17/21 18:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		4.0	1.8	ug/L			02/25/21 15:34	8
1,2-Dichloroethane	ND		4.0	1.2	ug/L			02/25/21 15:34	8
1,2-Dichloropropane	ND		4.0	1.9	ug/L			02/25/21 15:34	8
1,3,5-Trimethylbenzene	ND		4.0	2.3	ug/L			02/25/21 15:34	8
1,3-Dichlorobenzene	ND		4.0	2.1	ug/L			02/25/21 15:34	8
1,3-Dichloropropane	ND		4.0	1.6	ug/L			02/25/21 15:34	8
1,4-Dichlorobenzene	ND		4.0	1.8	ug/L			02/25/21 15:34	8
2,2-Dichloropropane	ND		4.0	3.2	ug/L			02/25/21 15:34	8
2-Chlorotoluene	ND		4.0	2.5	ug/L			02/25/21 15:34	8
2-Hexanone	ND		48	35	ug/L			02/25/21 15:34	8
4-Chlorotoluene	ND		4.0	2.7	ug/L			02/25/21 15:34	8
4-Isopropyltoluene	ND		4.0	2.2	ug/L			02/25/21 15:34	8
Acetone	ND		64	32	ug/L			02/25/21 15:34	8
Benzene	ND		4.0	2.1	ug/L			02/25/21 15:34	8
Bromobenzene	ND		4.0	2.1	ug/L			02/25/21 15:34	8
Bromoform	ND		4.0	3.1	ug/L			02/25/21 15:34	8
Bromomethane	ND		8.0	7.5	ug/L			02/25/21 15:34	8
Carbon disulfide	ND		8.0	2.0	ug/L			02/25/21 15:34	8
Carbon tetrachloride	ND		4.0	2.2	ug/L			02/25/21 15:34	8
Chlorobenzene	ND		4.0	1.9	ug/L			02/25/21 15:34	8
Bromochloromethane	ND		8.0	2.8	ug/L			02/25/21 15:34	8
Chloroethane	ND		4.0	3.5	ug/L			02/25/21 15:34	8
Chloroform	ND		4.0	2.3	ug/L			02/25/21 15:34	8
Chloromethane	ND		8.0	2.4	ug/L			02/25/21 15:34	8
cis-1,2-Dichloroethene	ND		4.0	2.4	ug/L			02/25/21 15:34	8
cis-1,3-Dichloropropene	ND		4.0	1.5	ug/L			02/25/21 15:34	8
Dibromochloromethane	ND		4.0	2.2	ug/L			02/25/21 15:34	8
Dibromomethane	ND		4.0	1.8	ug/L			02/25/21 15:34	8
Bromodichloromethane	ND		4.0	1.8	ug/L			02/25/21 15:34	8
Dichlorodifluoromethane	ND		8.0	5.4	ug/L			02/25/21 15:34	8
Ethylbenzene	ND		4.0	2.8	ug/L			02/25/21 15:34	8
Hexachlorobutadiene	ND		8.0	2.5	ug/L			02/25/21 15:34	8
Isopropylbenzene	ND		4.0	3.1	ug/L			02/25/21 15:34	8
m,p-Xylene	ND		8.0	6.3	ug/L			02/25/21 15:34	8
Methylene Chloride	ND		8.0	3.8	ug/L			02/25/21 15:34	8
Naphthalene	ND		8.0	2.5	ug/L			02/25/21 15:34	8
n-Butylbenzene	ND		4.0	2.3	ug/L			02/25/21 15:34	8
N-Propylbenzene	ND		4.0	3.1	ug/L			02/25/21 15:34	8
o-Xylene	ND		4.0	2.8	ug/L			02/25/21 15:34	8
sec-Butylbenzene	ND		4.0	2.7	ug/L			02/25/21 15:34	8
Styrene	ND		4.0	2.2	ug/L			02/25/21 15:34	8
tert-Butylbenzene	ND		4.0	2.7	ug/L			02/25/21 15:34	8
Tetrachloroethene (PCE)	39		4.0	2.3	ug/L			02/25/21 15:34	8
Toluene	ND		4.0	2.6	ug/L			02/25/21 15:34	8
trans-1,2-Dichloroethene	ND		4.0	2.9	ug/L			02/25/21 15:34	8
trans-1,3-Dichloropropene	ND		4.0	1.4	ug/L			02/25/21 15:34	8
Trichloroethene	280		4.0	2.3	ug/L			02/25/21 15:34	8
Trichlorofluoromethane	3.7 J		4.0	2.4	ug/L			02/25/21 15:34	8
Trichlorotrifluoroethane	ND		4.0	2.0	ug/L			02/25/21 15:34	8

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Client Sample ID: GECC-905-021621

Lab Sample ID: 440-279223-9

Date Collected: 02/16/21 09:33

Matrix: Water

Date Received: 02/17/21 18:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		4.0	3.2	ug/L			02/25/21 15:34	8
1,2-Dibromoethane (EDB)	ND		4.0	1.1	ug/L			02/25/21 15:34	8
2-Butanone (MEK)	ND		40	24	ug/L			02/25/21 15:34	8
4-Methyl-2-pentanone (MIBK)	ND		40	18	ug/L			02/25/21 15:34	8
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		80 - 128					02/25/21 15:34	8
Dibromofluoromethane (Surr)	100		80 - 127					02/25/21 15:34	8
Toluene-d8 (Surr)	100		80 - 120					02/25/21 15:34	8
4-Bromofluorobenzene (Surr)	95		68 - 120					02/25/21 15:34	8

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	11		0.50	0.34	ug/L		02/20/21 10:56	02/22/21 18:30	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	47		15 - 150				02/20/21 10:56	02/22/21 18:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	81		46 - 128				02/20/21 10:56	02/22/21 18:30	1

Client Sample ID: GECC-902-021621

Lab Sample ID: 440-279223-10

Date Collected: 02/16/21 10:31

Matrix: Water

Date Received: 02/17/21 18:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		4.0	2.6	ug/L			02/25/21 16:03	8
1,1,1,2-Tetrachloroethane	ND		4.0	2.1	ug/L			02/25/21 16:03	8
1,1,1-Trichloroethane	ND		4.0	2.1	ug/L			02/25/21 16:03	8
1,1,2,2-Tetrachloroethane	ND		4.0	1.6	ug/L			02/25/21 16:03	8
1,1,2-Trichloroethane	ND		4.0	0.68	ug/L			02/25/21 16:03	8
1,1-Dichloroethane	ND		4.0	2.8	ug/L			02/25/21 16:03	8
1,1-Dichloroethene	ND		4.0	3.1	ug/L			02/25/21 16:03	8
1,1-Dichloropropene	ND		4.0	1.9	ug/L			02/25/21 16:03	8
1,2,3-Trichlorobenzene	ND		4.0	2.2	ug/L			02/25/21 16:03	8
1,2,4-Trichlorobenzene	ND		4.0	3.0	ug/L			02/25/21 16:03	8
1,2,4-Trimethylbenzene	ND		4.0	2.3	ug/L			02/25/21 16:03	8
1,2-Dibromo-3-Chloropropane	ND		8.0	5.1	ug/L			02/25/21 16:03	8
1,2-Dichlorobenzene	ND		4.0	1.8	ug/L			02/25/21 16:03	8
1,2-Dichloroethane	ND		4.0	1.2	ug/L			02/25/21 16:03	8
1,2-Dichloropropane	ND		4.0	1.9	ug/L			02/25/21 16:03	8
1,3,5-Trimethylbenzene	ND		4.0	2.3	ug/L			02/25/21 16:03	8
1,3-Dichlorobenzene	ND		4.0	2.1	ug/L			02/25/21 16:03	8
1,3-Dichloropropane	ND		4.0	1.6	ug/L			02/25/21 16:03	8
1,4-Dichlorobenzene	ND		4.0	1.8	ug/L			02/25/21 16:03	8
2,2-Dichloropropane	ND		4.0	3.2	ug/L			02/25/21 16:03	8
2-Chlorotoluene	ND		4.0	2.5	ug/L			02/25/21 16:03	8
2-Hexanone	ND		48	35	ug/L			02/25/21 16:03	8
4-Chlorotoluene	ND		4.0	2.7	ug/L			02/25/21 16:03	8
4-Isopropyltoluene	ND		4.0	2.2	ug/L			02/25/21 16:03	8

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Client Sample ID: GECC-902-021621

Lab Sample ID: 440-279223-10

Date Collected: 02/16/21 10:31

Matrix: Water

Date Received: 02/17/21 18:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		64	32	ug/L			02/25/21 16:03	8
Benzene	ND		4.0	2.1	ug/L			02/25/21 16:03	8
Bromobenzene	ND		4.0	2.1	ug/L			02/25/21 16:03	8
Bromoform	ND		4.0	3.1	ug/L			02/25/21 16:03	8
Bromomethane	ND		8.0	7.5	ug/L			02/25/21 16:03	8
Carbon disulfide	ND		8.0	2.0	ug/L			02/25/21 16:03	8
Carbon tetrachloride	ND		4.0	2.2	ug/L			02/25/21 16:03	8
Chlorobenzene	ND		4.0	1.9	ug/L			02/25/21 16:03	8
Bromochloromethane	ND		8.0	2.8	ug/L			02/25/21 16:03	8
Chloroethane	ND		4.0	3.5	ug/L			02/25/21 16:03	8
Chloroform	ND		4.0	2.3	ug/L			02/25/21 16:03	8
Chloromethane	ND		8.0	2.4	ug/L			02/25/21 16:03	8
cis-1,2-Dichloroethene	3.9	J	4.0	2.4	ug/L			02/25/21 16:03	8
cis-1,3-Dichloropropene	ND		4.0	1.5	ug/L			02/25/21 16:03	8
Dibromochloromethane	ND		4.0	2.2	ug/L			02/25/21 16:03	8
Dibromomethane	ND		4.0	1.8	ug/L			02/25/21 16:03	8
Bromodichloromethane	ND		4.0	1.8	ug/L			02/25/21 16:03	8
Dichlorodifluoromethane	ND		8.0	5.4	ug/L			02/25/21 16:03	8
Ethylbenzene	ND		4.0	2.8	ug/L			02/25/21 16:03	8
Hexachlorobutadiene	ND		8.0	2.5	ug/L			02/25/21 16:03	8
Isopropylbenzene	ND		4.0	3.1	ug/L			02/25/21 16:03	8
m,p-Xylene	ND		8.0	6.3	ug/L			02/25/21 16:03	8
Methylene Chloride	ND		8.0	3.8	ug/L			02/25/21 16:03	8
Naphthalene	ND		8.0	2.5	ug/L			02/25/21 16:03	8
n-Butylbenzene	ND		4.0	2.3	ug/L			02/25/21 16:03	8
N-Propylbenzene	ND		4.0	3.1	ug/L			02/25/21 16:03	8
o-Xylene	ND		4.0	2.8	ug/L			02/25/21 16:03	8
sec-Butylbenzene	ND		4.0	2.7	ug/L			02/25/21 16:03	8
Styrene	ND		4.0	2.2	ug/L			02/25/21 16:03	8
tert-Butylbenzene	ND		4.0	2.7	ug/L			02/25/21 16:03	8
Tetrachloroethene (PCE)	23		4.0	2.3	ug/L			02/25/21 16:03	8
Toluene	ND		4.0	2.6	ug/L			02/25/21 16:03	8
trans-1,2-Dichloroethene	ND		4.0	2.9	ug/L			02/25/21 16:03	8
trans-1,3-Dichloropropene	ND		4.0	1.4	ug/L			02/25/21 16:03	8
Trichloroethene	240		4.0	2.3	ug/L			02/25/21 16:03	8
Trichlorofluoromethane	ND		4.0	2.4	ug/L			02/25/21 16:03	8
Trichlorotrifluoroethane	ND		4.0	2.0	ug/L			02/25/21 16:03	8
Vinyl chloride	ND		4.0	3.2	ug/L			02/25/21 16:03	8
1,2-Dibromoethane (EDB)	ND		4.0	1.1	ug/L			02/25/21 16:03	8
2-Butanone (MEK)	ND		40	24	ug/L			02/25/21 16:03	8
4-Methyl-2-pentanone (MIBK)	ND		40	18	ug/L			02/25/21 16:03	8
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		80 - 128					02/25/21 16:03	8
Dibromofluoromethane (Surr)	101		80 - 127					02/25/21 16:03	8
Toluene-d8 (Surr)	100		80 - 120					02/25/21 16:03	8
4-Bromofluorobenzene (Surr)	95		68 - 120					02/25/21 16:03	8

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Client Sample ID: GECC-902-021621

Lab Sample ID: 440-279223-10

Date Collected: 02/16/21 10:31

Matrix: Water

Date Received: 02/17/21 18:20

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	9.5		0.50	0.34	ug/L		02/23/21 06:56	02/23/21 15:20	1
<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>1,4-Dioxane-d8</i>	<i>54</i>		<i>15 - 150</i>				<i>02/23/21 06:56</i>	<i>02/23/21 15:20</i>	<i>1</i>
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Nitrobenzene-d5 (Surr)</i>	<i>89</i>		<i>46 - 128</i>				<i>02/23/21 06:56</i>	<i>02/23/21 15:20</i>	<i>1</i>

Client Sample ID: GECC-901-021621

Lab Sample ID: 440-279223-11

Date Collected: 02/16/21 11:31

Matrix: Water

Date Received: 02/17/21 18:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		20	13	ug/L			02/25/21 16:33	40
1,1,1,2-Tetrachloroethane	ND		20	10	ug/L			02/25/21 16:33	40
1,1,1-Trichloroethane	ND		20	11	ug/L			02/25/21 16:33	40
1,1,2,2-Tetrachloroethane	ND		20	7.8	ug/L			02/25/21 16:33	40
1,1,2-Trichloroethane	ND		20	3.4	ug/L			02/25/21 16:33	40
1,1-Dichloroethane	ND		20	14	ug/L			02/25/21 16:33	40
1,1-Dichloroethene	ND		20	16	ug/L			02/25/21 16:33	40
1,1-Dichloropropene	ND		20	9.7	ug/L			02/25/21 16:33	40
1,2,3-Trichlorobenzene	ND		20	11	ug/L			02/25/21 16:33	40
1,2,4-Trichlorobenzene	ND		20	15	ug/L			02/25/21 16:33	40
1,2,4-Trimethylbenzene	ND		20	11	ug/L			02/25/21 16:33	40
1,2-Dibromo-3-Chloropropane	ND		40	26	ug/L			02/25/21 16:33	40
1,2-Dichlorobenzene	ND		20	9.2	ug/L			02/25/21 16:33	40
1,2-Dichloroethane	ND		20	6.0	ug/L			02/25/21 16:33	40
1,2-Dichloropropane	ND		20	9.6	ug/L			02/25/21 16:33	40
1,3,5-Trimethylbenzene	ND		20	11	ug/L			02/25/21 16:33	40
1,3-Dichlorobenzene	ND		20	10	ug/L			02/25/21 16:33	40
1,3-Dichloropropane	ND		20	8.2	ug/L			02/25/21 16:33	40
1,4-Dichlorobenzene	ND		20	9.0	ug/L			02/25/21 16:33	40
2,2-Dichloropropane	ND		20	16	ug/L			02/25/21 16:33	40
2-Chlorotoluene	ND		20	12	ug/L			02/25/21 16:33	40
2-Hexanone	ND		240	170	ug/L			02/25/21 16:33	40
4-Chlorotoluene	ND		20	13	ug/L			02/25/21 16:33	40
4-Isopropyltoluene	ND		20	11	ug/L			02/25/21 16:33	40
Acetone	ND		320	160	ug/L			02/25/21 16:33	40
Benzene	ND		20	11	ug/L			02/25/21 16:33	40
Bromobenzene	ND		20	10	ug/L			02/25/21 16:33	40
Bromoform	ND		20	16	ug/L			02/25/21 16:33	40
Bromomethane	ND		40	37	ug/L			02/25/21 16:33	40
Carbon disulfide	ND		40	9.8	ug/L			02/25/21 16:33	40
Carbon tetrachloride	ND		20	11	ug/L			02/25/21 16:33	40
Chlorobenzene	ND		20	9.5	ug/L			02/25/21 16:33	40
Bromochloromethane	ND		40	14	ug/L			02/25/21 16:33	40
Chloroethane	ND		20	18	ug/L			02/25/21 16:33	40
Chloroform	ND		20	11	ug/L			02/25/21 16:33	40
Chloromethane	ND		40	12	ug/L			02/25/21 16:33	40
cis-1,2-Dichloroethene	ND		20	12	ug/L			02/25/21 16:33	40

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Client Sample ID: GECC-901-021621

Lab Sample ID: 440-279223-11

Date Collected: 02/16/21 11:31

Matrix: Water

Date Received: 02/17/21 18:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		20	7.7	ug/L			02/25/21 16:33	40
Dibromochloromethane	ND		20	11	ug/L			02/25/21 16:33	40
Dibromomethane	ND		20	9.2	ug/L			02/25/21 16:33	40
Bromodichloromethane	ND		20	8.9	ug/L			02/25/21 16:33	40
Dichlorodifluoromethane	ND		40	27	ug/L			02/25/21 16:33	40
Ethylbenzene	ND		20	14	ug/L			02/25/21 16:33	40
Hexachlorobutadiene	ND		40	13	ug/L			02/25/21 16:33	40
Isopropylbenzene	ND		20	15	ug/L			02/25/21 16:33	40
m,p-Xylene	ND		40	31	ug/L			02/25/21 16:33	40
Methylene Chloride	ND		40	19	ug/L			02/25/21 16:33	40
Naphthalene	ND		40	13	ug/L			02/25/21 16:33	40
n-Butylbenzene	ND		20	12	ug/L			02/25/21 16:33	40
N-Propylbenzene	ND		20	16	ug/L			02/25/21 16:33	40
o-Xylene	ND		20	14	ug/L			02/25/21 16:33	40
sec-Butylbenzene	ND		20	14	ug/L			02/25/21 16:33	40
Styrene	ND		20	11	ug/L			02/25/21 16:33	40
tert-Butylbenzene	ND		20	14	ug/L			02/25/21 16:33	40
Tetrachloroethene (PCE)	ND		20	12	ug/L			02/25/21 16:33	40
Toluene	ND		20	13	ug/L			02/25/21 16:33	40
trans-1,2-Dichloroethene	ND		20	14	ug/L			02/25/21 16:33	40
trans-1,3-Dichloropropene	ND		20	6.9	ug/L			02/25/21 16:33	40
Trichloroethene	770		20	12	ug/L			02/25/21 16:33	40
Trichlorofluoromethane	ND		20	12	ug/L			02/25/21 16:33	40
Trichlorotrifluoroethane	ND		20	10	ug/L			02/25/21 16:33	40
Vinyl chloride	ND		20	16	ug/L			02/25/21 16:33	40
1,2-Dibromoethane (EDB)	ND		20	5.5	ug/L			02/25/21 16:33	40
2-Butanone (MEK)	ND		200	120	ug/L			02/25/21 16:33	40
4-Methyl-2-pentanone (MIBK)	ND		200	90	ug/L			02/25/21 16:33	40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		80 - 128		02/25/21 16:33	40
Dibromofluoromethane (Surr)	103		80 - 127		02/25/21 16:33	40
Toluene-d8 (Surr)	100		80 - 120		02/25/21 16:33	40
4-Bromofluorobenzene (Surr)	95		68 - 120		02/25/21 16:33	40

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.2		0.50	0.34	ug/L		02/23/21 06:56	02/23/21 15:34	1
Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1,4-Dioxane-d8	43		15 - 150	02/23/21 06:56	02/23/21 15:34	1			
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
Nitrobenzene-d5 (Surr)	84		46 - 128	02/23/21 06:56	02/23/21 15:34	1			

Method Summary

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8270C SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	ECL 1
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	ECL 1
5030C	Purge and Trap	SW846	ECL 2

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494



Lab Chronicle

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Client Sample ID: TB-021521

Lab Sample ID: 440-279223-1

Date Collected: 02/15/21 06:30

Matrix: Water

Date Received: 02/17/21 18:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	131728	02/25/21 11:35	Q8PV	ECL 2

Client Sample ID: P-112-021521

Lab Sample ID: 440-279223-2

Date Collected: 02/15/21 09:16

Matrix: Water

Date Received: 02/17/21 18:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	20 mL	20 mL	131728	02/25/21 12:05	Q8PV	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	130694	02/20/21 10:56	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			130838	02/22/21 16:47	AJ2Q	ECL 1

Client Sample ID: P-113-021521

Lab Sample ID: 440-279223-3

Date Collected: 02/15/21 10:30

Matrix: Water

Date Received: 02/17/21 18:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	20 mL	20 mL	131728	02/25/21 12:34	Q8PV	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	130694	02/20/21 10:56	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			130838	02/22/21 17:02	AJ2Q	ECL 1

Client Sample ID: MW-33-021521

Lab Sample ID: 440-279223-4

Date Collected: 02/15/21 11:39

Matrix: Water

Date Received: 02/17/21 18:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	20 mL	20 mL	131728	02/25/21 13:04	Q8PV	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	130694	02/20/21 10:56	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			130838	02/22/21 17:16	AJ2Q	ECL 1

Client Sample ID: MW-9-021521

Lab Sample ID: 440-279223-5

Date Collected: 02/15/21 12:43

Matrix: Water

Date Received: 02/17/21 18:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	131728	02/25/21 13:34	Q8PV	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	130694	02/20/21 10:56	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			130838	02/22/21 17:31	AJ2Q	ECL 1

Client Sample ID: MW-17-021521

Lab Sample ID: 440-279223-6

Date Collected: 02/15/21 13:37

Matrix: Water

Date Received: 02/17/21 18:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	20 mL	20 mL	131728	02/25/21 14:04	Q8PV	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	130694	02/20/21 10:56	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			130838	02/22/21 17:46	AJ2Q	ECL 1

Eurofins Calscience Irvine

Lab Chronicle

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Client Sample ID: P-114-021521

Lab Sample ID: 440-279223-7

Date Collected: 02/15/21 14:35

Matrix: Water

Date Received: 02/17/21 18:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	131728	02/25/21 14:34	Q8PV	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	130694	02/20/21 10:56	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			130838	02/22/21 18:00	AJ2Q	ECL 1

Client Sample ID: P-111-021621

Lab Sample ID: 440-279223-8

Date Collected: 02/16/21 08:31

Matrix: Water

Date Received: 02/17/21 18:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	20 mL	20 mL	131728	02/25/21 15:04	Q8PV	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	130694	02/20/21 10:56	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			130838	02/22/21 18:15	AJ2Q	ECL 1

Client Sample ID: GECC-905-021621

Lab Sample ID: 440-279223-9

Date Collected: 02/16/21 09:33

Matrix: Water

Date Received: 02/17/21 18:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		8	20 mL	20 mL	131728	02/25/21 15:34	Q8PV	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	130694	02/20/21 10:56	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			130838	02/22/21 18:30	AJ2Q	ECL 1

Client Sample ID: GECC-902-021621

Lab Sample ID: 440-279223-10

Date Collected: 02/16/21 10:31

Matrix: Water

Date Received: 02/17/21 18:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		8	20 mL	20 mL	131728	02/25/21 16:03	Q8PV	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	131076	02/23/21 06:56	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			131187	02/23/21 15:20	AJ2Q	ECL 1

Client Sample ID: GECC-901-021621

Lab Sample ID: 440-279223-11

Date Collected: 02/16/21 11:31

Matrix: Water

Date Received: 02/17/21 18:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		40	20 mL	20 mL	131728	02/25/21 16:33	Q8PV	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	131076	02/23/21 06:56	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			131187	02/23/21 15:34	AJ2Q	ECL 1

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-131728/7
Matrix: Water
Analysis Batch: 131728

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			02/25/21 10:39	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			02/25/21 10:39	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			02/25/21 10:39	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			02/25/21 10:39	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			02/25/21 10:39	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			02/25/21 10:39	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			02/25/21 10:39	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			02/25/21 10:39	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			02/25/21 10:39	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			02/25/21 10:39	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			02/25/21 10:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			02/25/21 10:39	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			02/25/21 10:39	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			02/25/21 10:39	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			02/25/21 10:39	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			02/25/21 10:39	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			02/25/21 10:39	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			02/25/21 10:39	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			02/25/21 10:39	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			02/25/21 10:39	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			02/25/21 10:39	1
2-Hexanone	ND		6.0	4.3	ug/L			02/25/21 10:39	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			02/25/21 10:39	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			02/25/21 10:39	1
Acetone	ND		8.0	4.0	ug/L			02/25/21 10:39	1
Benzene	ND		0.50	0.27	ug/L			02/25/21 10:39	1
Bromobenzene	ND		0.50	0.26	ug/L			02/25/21 10:39	1
Bromoform	ND		0.50	0.39	ug/L			02/25/21 10:39	1
Bromomethane	ND		1.0	0.93	ug/L			02/25/21 10:39	1
Carbon disulfide	ND		1.0	0.24	ug/L			02/25/21 10:39	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			02/25/21 10:39	1
Chlorobenzene	ND		0.50	0.24	ug/L			02/25/21 10:39	1
Bromochloromethane	ND		1.0	0.35	ug/L			02/25/21 10:39	1
Chloroethane	ND		0.50	0.44	ug/L			02/25/21 10:39	1
Chloroform	ND		0.50	0.28	ug/L			02/25/21 10:39	1
Chloromethane	ND		1.0	0.29	ug/L			02/25/21 10:39	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			02/25/21 10:39	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			02/25/21 10:39	1
Dibromochloromethane	ND		0.50	0.27	ug/L			02/25/21 10:39	1
Dibromomethane	ND		0.50	0.23	ug/L			02/25/21 10:39	1
Bromodichloromethane	ND		0.50	0.22	ug/L			02/25/21 10:39	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			02/25/21 10:39	1
Ethylbenzene	ND		0.50	0.36	ug/L			02/25/21 10:39	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			02/25/21 10:39	1
Isopropylbenzene	ND		0.50	0.38	ug/L			02/25/21 10:39	1
m,p-Xylene	ND		1.0	0.78	ug/L			02/25/21 10:39	1
Methylene Chloride	ND		1.0	0.48	ug/L			02/25/21 10:39	1
Naphthalene	ND		1.0	0.32	ug/L			02/25/21 10:39	1

QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-131728/7
Matrix: Water
Analysis Batch: 131728

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
n-Butylbenzene	ND		0.50	0.29	ug/L			02/25/21 10:39	1
N-Propylbenzene	ND		0.50	0.39	ug/L			02/25/21 10:39	1
o-Xylene	ND		0.50	0.35	ug/L			02/25/21 10:39	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			02/25/21 10:39	1
Styrene	ND		0.50	0.28	ug/L			02/25/21 10:39	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			02/25/21 10:39	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			02/25/21 10:39	1
Toluene	ND		0.50	0.33	ug/L			02/25/21 10:39	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			02/25/21 10:39	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			02/25/21 10:39	1
Trichloroethene	ND		0.50	0.29	ug/L			02/25/21 10:39	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			02/25/21 10:39	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			02/25/21 10:39	1
Vinyl chloride	ND		0.50	0.40	ug/L			02/25/21 10:39	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			02/25/21 10:39	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			02/25/21 10:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			02/25/21 10:39	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	107		80 - 128		02/25/21 10:39	1
Dibromofluoromethane (Surr)	99		80 - 127		02/25/21 10:39	1
Toluene-d8 (Surr)	101		80 - 120		02/25/21 10:39	1
4-Bromofluorobenzene (Surr)	100		68 - 120		02/25/21 10:39	1

Lab Sample ID: LCS 570-131728/4
Matrix: Water
Analysis Batch: 131728

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	10.0	8.93		ug/L		89	80 - 126
1,1,1-Trichloroethane	10.0	8.89		ug/L		89	80 - 125
1,1,2,2-Tetrachloroethane	10.0	9.71		ug/L		97	80 - 120
1,1,2-Trichloroethane	10.0	10.3		ug/L		103	80 - 120
1,1-Dichloroethane	10.0	9.53		ug/L		95	77 - 120
1,1-Dichloroethene	10.0	8.19		ug/L		82	74 - 128
1,1-Dichloropropene	10.0	9.11		ug/L		91	79 - 125
1,2,3-Trichlorobenzene	10.0	10.0		ug/L		100	80 - 121
1,2,4-Trichlorobenzene	10.0	10.2		ug/L		102	80 - 120
1,2,4-Trimethylbenzene	10.0	8.96		ug/L		90	80 - 122
1,2-Dibromo-3-Chloropropane	10.0	8.68		ug/L		87	67 - 120
1,2-Dichlorobenzene	10.0	10.2		ug/L		102	80 - 120
1,2-Dichloroethane	10.0	11.1		ug/L		111	80 - 123
1,2-Dichloropropane	10.0	10.7		ug/L		107	80 - 120
1,3,5-Trimethylbenzene	10.0	9.59		ug/L		96	80 - 121
1,3-Dichlorobenzene	10.0	10.1		ug/L		101	80 - 120
1,3-Dichloropropane	10.0	10.6		ug/L		106	80 - 120
1,4-Dichlorobenzene	10.0	9.34		ug/L		93	80 - 120

Eurofins Calscience Irvine

QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-131728/4

Matrix: Water

Analysis Batch: 131728

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,2-Dichloropropane	10.0	9.93		ug/L		99	77 - 139
2-Chlorotoluene	10.0	9.88		ug/L		99	80 - 120
2-Hexanone	10.0	9.54		ug/L		95	66 - 129
4-Chlorotoluene	10.0	10.1		ug/L		101	80 - 120
4-Isopropyltoluene	10.0	8.97		ug/L		90	80 - 121
Acetone	10.0	9.53		ug/L		95	58 - 131
Benzene	10.0	10.4		ug/L		104	80 - 120
Bromobenzene	10.0	10.4		ug/L		104	80 - 120
Bromoform	10.0	7.58		ug/L		76	70 - 141
Bromomethane	10.0	8.57		ug/L		86	50 - 150
Carbon disulfide	10.0	10.0		ug/L		100	65 - 136
Carbon tetrachloride	10.0	7.76		ug/L		78	75 - 142
Chlorobenzene	10.0	10.1		ug/L		101	80 - 120
Bromochloromethane	10.0	10.0		ug/L		100	80 - 120
Chloroethane	10.0	9.43		ug/L		94	74 - 123
Chloroform	10.0	10.2		ug/L		102	80 - 120
Chloromethane	10.0	7.78		ug/L		78	54 - 140
cis-1,2-Dichloroethene	10.0	10.3		ug/L		103	80 - 121
cis-1,3-Dichloropropene	10.0	10.1		ug/L		101	80 - 120
Dibromochloromethane	10.0	8.82		ug/L		88	80 - 128
Dibromomethane	10.0	10.9		ug/L		109	80 - 120
Bromodichloromethane	10.0	10.4		ug/L		104	80 - 126
Dichlorodifluoromethane	10.0	10.4		ug/L		104	63 - 135
Ethylbenzene	10.0	10.1		ug/L		101	80 - 120
Hexachlorobutadiene	10.0	9.26		ug/L		93	80 - 130
Isopropylbenzene	10.0	9.99		ug/L		100	80 - 121
m,p-Xylene	20.0	21.9		ug/L		110	80 - 120
Methylene Chloride	10.0	9.62		ug/L		96	71 - 125
Naphthalene	10.0	10.2		ug/L		102	80 - 125
n-Butylbenzene	10.0	9.12		ug/L		91	80 - 124
N-Propylbenzene	10.0	10.4		ug/L		104	80 - 121
o-Xylene	10.0	10.6		ug/L		106	80 - 120
sec-Butylbenzene	10.0	9.04		ug/L		90	80 - 120
Styrene	10.0	10.9		ug/L		109	80 - 120
tert-Butylbenzene	10.0	9.00		ug/L		90	80 - 120
Tetrachloroethene (PCE)	10.0	9.29		ug/L		93	80 - 126
Toluene	10.0	10.4		ug/L		104	80 - 120
trans-1,2-Dichloroethene	10.0	9.18		ug/L		92	74 - 121
trans-1,3-Dichloropropene	10.0	10.3		ug/L		103	80 - 123
Trichloroethene	10.0	10.1		ug/L		101	80 - 120
Trichlorofluoromethane	10.0	9.80		ug/L		98	74 - 137
Trichlorotrifluoroethane	10.0	7.53		ug/L		75	51 - 140
Vinyl chloride	10.0	10.1		ug/L		101	72 - 126
1,2-Dibromoethane (EDB)	10.0	10.1		ug/L		101	80 - 120
2-Butanone (MEK)	10.0	10.0		ug/L		100	50 - 127
4-Methyl-2-pentanone (MIBK)	10.0	10.0		ug/L		100	72 - 120

QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-131728/4
Matrix: Water
Analysis Batch: 131728

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		80 - 128
Dibromofluoromethane (Surr)	99		80 - 127
Toluene-d8 (Surr)	105		80 - 120
4-Bromofluorobenzene (Surr)	102		68 - 120

Lab Sample ID: LCSD 570-131728/5
Matrix: Water
Analysis Batch: 131728

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichloropropane	10.0	9.12		ug/L		91	80 - 120	0	20
1,1,1,2-Tetrachloroethane	10.0	8.99		ug/L		90	80 - 126	1	20
1,1,1-Trichloroethane	10.0	8.42		ug/L		84	80 - 125	5	20
1,1,2,2-Tetrachloroethane	10.0	9.81		ug/L		98	80 - 120	1	20
1,1,2-Trichloroethane	10.0	9.95		ug/L		100	80 - 120	3	20
1,1-Dichloroethane	10.0	8.96		ug/L		90	77 - 120	6	20
1,1-Dichloroethene	10.0	7.97		ug/L		80	74 - 128	3	20
1,1-Dichloropropene	10.0	8.64		ug/L		86	79 - 125	5	20
1,2,3-Trichlorobenzene	10.0	10.1		ug/L		101	80 - 121	0	20
1,2,4-Trichlorobenzene	10.0	10.1		ug/L		101	80 - 120	1	20
1,2,4-Trimethylbenzene	10.0	8.93		ug/L		89	80 - 122	0	20
1,2-Dibromo-3-Chloropropane	10.0	8.96		ug/L		90	67 - 120	3	20
1,2-Dichlorobenzene	10.0	10.2		ug/L		102	80 - 120	0	20
1,2-Dichloroethane	10.0	10.4		ug/L		104	80 - 123	6	20
1,2-Dichloropropane	10.0	9.85		ug/L		98	80 - 120	9	20
1,3,5-Trimethylbenzene	10.0	9.22		ug/L		92	80 - 121	4	20
1,3-Dichlorobenzene	10.0	9.99		ug/L		100	80 - 120	1	20
1,3-Dichloropropane	10.0	10.5		ug/L		105	80 - 120	1	20
1,4-Dichlorobenzene	10.0	9.60		ug/L		96	80 - 120	3	20
2,2-Dichloropropane	10.0	9.30		ug/L		93	77 - 139	7	20
2-Chlorotoluene	10.0	9.63		ug/L		96	80 - 120	3	20
2-Hexanone	10.0	11.6		ug/L		116	66 - 129	19	21
4-Chlorotoluene	10.0	10.0		ug/L		100	80 - 120	1	20
4-Isopropyltoluene	10.0	8.87		ug/L		89	80 - 121	1	20
Acetone	10.0	10.2		ug/L		102	58 - 131	7	30
Benzene	10.0	9.84		ug/L		98	80 - 120	6	20
Bromobenzene	10.0	10.1		ug/L		101	80 - 120	3	20
Bromoform	10.0	8.07		ug/L		81	70 - 141	6	20
Bromomethane	10.0	8.08		ug/L		81	50 - 150	6	22
Carbon disulfide	10.0	9.46		ug/L		95	65 - 136	6	20
Carbon tetrachloride	10.0	7.46		ug/L		75	75 - 142	4	20
Chlorobenzene	10.0	9.85		ug/L		98	80 - 120	2	20
Bromochloromethane	10.0	9.67		ug/L		97	80 - 120	4	20
Chloroethane	10.0	9.31		ug/L		93	74 - 123	1	20
Chloroform	10.0	9.66		ug/L		97	80 - 120	6	20
Chloromethane	10.0	7.48		ug/L		75	54 - 140	4	20
cis-1,2-Dichloroethene	10.0	10.0		ug/L		100	80 - 121	3	20
cis-1,3-Dichloropropene	10.0	9.50		ug/L		95	80 - 120	6	20

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QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-131728/5
Matrix: Water
Analysis Batch: 131728

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dibromochloromethane	10.0	8.69		ug/L		87	80 - 128	1	20
Dibromomethane	10.0	10.4		ug/L		104	80 - 120	4	20
Bromodichloromethane	10.0	9.91		ug/L		99	80 - 126	5	20
Dichlorodifluoromethane	10.0	9.89		ug/L		99	63 - 135	6	20
Ethylbenzene	10.0	9.72		ug/L		97	80 - 120	4	20
Hexachlorobutadiene	10.0	8.99		ug/L		90	80 - 130	3	20
Isopropylbenzene	10.0	9.60		ug/L		96	80 - 121	4	20
m,p-Xylene	20.0	20.9		ug/L		104	80 - 120	5	20
Methylene Chloride	10.0	9.35		ug/L		93	71 - 125	3	20
Naphthalene	10.0	10.6		ug/L		106	80 - 125	4	20
n-Butylbenzene	10.0	8.93		ug/L		89	80 - 124	2	20
N-Propylbenzene	10.0	10.1		ug/L		101	80 - 121	3	20
o-Xylene	10.0	10.2		ug/L		102	80 - 120	4	20
sec-Butylbenzene	10.0	9.05		ug/L		91	80 - 120	0	20
Styrene	10.0	10.7		ug/L		107	80 - 120	1	20
tert-Butylbenzene	10.0	9.06		ug/L		91	80 - 120	1	20
Tetrachloroethene (PCE)	10.0	9.03		ug/L		90	80 - 126	3	20
Toluene	10.0	9.71		ug/L		97	80 - 120	7	20
trans-1,2-Dichloroethene	10.0	8.62		ug/L		86	74 - 121	6	20
trans-1,3-Dichloropropene	10.0	10.2		ug/L		102	80 - 123	1	20
Trichloroethene	10.0	9.74		ug/L		97	80 - 120	4	20
Trichlorofluoromethane	10.0	9.44		ug/L		94	74 - 137	4	20
Trichlorotrifluoroethane	10.0	6.92		ug/L		69	51 - 140	8	20
Vinyl chloride	10.0	9.72		ug/L		97	72 - 126	3	20
1,2-Dibromoethane (EDB)	10.0	9.94		ug/L		99	80 - 120	1	20
2-Butanone (MEK)	10.0	11.2		ug/L		112	50 - 127	11	26
4-Methyl-2-pentanone (MIBK)	10.0	9.82		ug/L		98	72 - 120	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	108		80 - 128
Dibromofluoromethane (Surr)	98		80 - 127
Toluene-d8 (Surr)	100		80 - 120
4-Bromofluorobenzene (Surr)	100		68 - 120

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 570-130694/1-A
Matrix: Water
Analysis Batch: 130838

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 130694

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50	0.34	ug/L		02/20/21 10:56	02/22/21 10:27	1

Isotope Dilution	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	62		15 - 150	02/20/21 10:56	02/22/21 10:27	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	120		46 - 128	02/20/21 10:56	02/22/21 10:27	1

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QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) (Continued)

Lab Sample ID: LCS 570-130694/2-A
Matrix: Water
Analysis Batch: 130838

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 130694

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	20.0	16.1		ug/L		80	57 - 136
		LCS	LCS				
Isotope Dilution	%Recovery	Qualifier	Limits				
1,4-Dioxane-d8	55		15 - 150				
		LCS	LCS				
Surrogate	%Recovery	Qualifier	Limits				
Nitrobenzene-d5 (Surr)	108		46 - 128				

Lab Sample ID: LCSD 570-130694/3-A
Matrix: Water
Analysis Batch: 130838

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 130694

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	20.0	15.2		ug/L		76	57 - 136	6	20
		LCSD	LCSD						
Isotope Dilution	%Recovery	Qualifier	Limits						
1,4-Dioxane-d8	60		15 - 150						
		LCSD	LCSD						
Surrogate	%Recovery	Qualifier	Limits						
Nitrobenzene-d5 (Surr)	101		46 - 128						

Lab Sample ID: 570-51386-H-3-A MS
Matrix: Water
Analysis Batch: 130838

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 130694

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	ND		20.0	15.2		ug/L		76	45 - 139
		MS	MS						
Isotope Dilution	%Recovery	Qualifier	Limits						
1,4-Dioxane-d8	55		15 - 150						
		MS	MS						
Surrogate	%Recovery	Qualifier	Limits						
Nitrobenzene-d5 (Surr)	81		46 - 128						

Lab Sample ID: 570-51386-H-3-B MSD
Matrix: Water
Analysis Batch: 130838

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 130694

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	ND		20.0	16.5		ug/L		82	45 - 139	8	17
		MSD	MSD								
Isotope Dilution	%Recovery	Qualifier	Limits								
1,4-Dioxane-d8	57		15 - 150								
		MSD	MSD								
Surrogate	%Recovery	Qualifier	Limits								
Nitrobenzene-d5 (Surr)	84		46 - 128								

QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 570-131076/1-A
Matrix: Water
Analysis Batch: 131187

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131076

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50	0.34	ug/L		02/23/21 06:56	02/23/21 11:55	1
Isotope Dilution		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8		50		15 - 150			02/23/21 06:56	02/23/21 11:55	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)		95		46 - 128			02/23/21 06:56	02/23/21 11:55	1

Lab Sample ID: LCS 570-131076/2-A
Matrix: Water
Analysis Batch: 131187

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131076

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	20.0	15.2		ug/L		76	57 - 136
Isotope Dilution		%Recovery	Qualifier	Limits			
1,4-Dioxane-d8		54		15 - 150			
Surrogate		%Recovery	Qualifier	Limits			
Nitrobenzene-d5 (Surr)		81		46 - 128			

Lab Sample ID: LCSD 570-131076/3-A
Matrix: Water
Analysis Batch: 131187

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131076

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	20.0	16.0		ug/L		80	57 - 136	5	20
Isotope Dilution		%Recovery	Qualifier	Limits					
1,4-Dioxane-d8		54		15 - 150					
Surrogate		%Recovery	Qualifier	Limits					
Nitrobenzene-d5 (Surr)		92		46 - 128					

Lab Sample ID: 570-51372-I-1-A MS
Matrix: Water
Analysis Batch: 131187

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 131076

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	2.1		20.0	16.8		ug/L		74	45 - 139
Isotope Dilution		%Recovery	Qualifier	Limits					
1,4-Dioxane-d8		62		15 - 150					
Surrogate		%Recovery	Qualifier	Limits					
Nitrobenzene-d5 (Surr)		90		46 - 128					

QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) (Continued)

Lab Sample ID: 570-51372-I-1-B MSD
Matrix: Water
Analysis Batch: 131187

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 131076

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	2.1		20.0	19.5		ug/L		87	45 - 139	15	17
		<i>MSD</i>	<i>MSD</i>								
<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>								
1,4-Dioxane-d8	58		15 - 150								
		<i>MSD</i>	<i>MSD</i>								
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>								
Nitrobenzene-d5 (Surr)	86		46 - 128								

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QC Association Summary

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

GC/MS VOA

Analysis Batch: 131728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-279223-1	TB-021521	Total/NA	Water	8260B	
440-279223-2	P-112-021521	Total/NA	Water	8260B	
440-279223-3	P-113-021521	Total/NA	Water	8260B	
440-279223-4	MW-33-021521	Total/NA	Water	8260B	
440-279223-5	MW-9-021521	Total/NA	Water	8260B	
440-279223-6	MW-17-021521	Total/NA	Water	8260B	
440-279223-7	P-114-021521	Total/NA	Water	8260B	
440-279223-8	P-111-021621	Total/NA	Water	8260B	
440-279223-9	GECC-905-021621	Total/NA	Water	8260B	
440-279223-10	GECC-902-021621	Total/NA	Water	8260B	
440-279223-11	GECC-901-021621	Total/NA	Water	8260B	
MB 570-131728/7	Method Blank	Total/NA	Water	8260B	
LCS 570-131728/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-131728/5	Lab Control Sample Dup	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 130694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-279223-2	P-112-021521	Total/NA	Water	3510C	
440-279223-3	P-113-021521	Total/NA	Water	3510C	
440-279223-4	MW-33-021521	Total/NA	Water	3510C	
440-279223-5	MW-9-021521	Total/NA	Water	3510C	
440-279223-6	MW-17-021521	Total/NA	Water	3510C	
440-279223-7	P-114-021521	Total/NA	Water	3510C	
440-279223-8	P-111-021621	Total/NA	Water	3510C	
440-279223-9	GECC-905-021621	Total/NA	Water	3510C	
MB 570-130694/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-130694/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-130694/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
570-51386-H-3-A MS	Matrix Spike	Total/NA	Water	3510C	
570-51386-H-3-B MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	

Analysis Batch: 130838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-279223-2	P-112-021521	Total/NA	Water	8270C SIM ID	130694
440-279223-3	P-113-021521	Total/NA	Water	8270C SIM ID	130694
440-279223-4	MW-33-021521	Total/NA	Water	8270C SIM ID	130694
440-279223-5	MW-9-021521	Total/NA	Water	8270C SIM ID	130694
440-279223-6	MW-17-021521	Total/NA	Water	8270C SIM ID	130694
440-279223-7	P-114-021521	Total/NA	Water	8270C SIM ID	130694
440-279223-8	P-111-021621	Total/NA	Water	8270C SIM ID	130694
440-279223-9	GECC-905-021621	Total/NA	Water	8270C SIM ID	130694
MB 570-130694/1-A	Method Blank	Total/NA	Water	8270C SIM ID	130694
LCS 570-130694/2-A	Lab Control Sample	Total/NA	Water	8270C SIM ID	130694
LCSD 570-130694/3-A	Lab Control Sample Dup	Total/NA	Water	8270C SIM ID	130694
570-51386-H-3-A MS	Matrix Spike	Total/NA	Water	8270C SIM ID	130694
570-51386-H-3-B MSD	Matrix Spike Duplicate	Total/NA	Water	8270C SIM ID	130694

QC Association Summary

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

GC/MS Semi VOA

Prep Batch: 131076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-279223-10	GECC-902-021621	Total/NA	Water	3510C	
440-279223-11	GECC-901-021621	Total/NA	Water	3510C	
MB 570-131076/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-131076/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-131076/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
570-51372-I-1-A MS	Matrix Spike	Total/NA	Water	3510C	
570-51372-I-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	

Analysis Batch: 131187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-279223-10	GECC-902-021621	Total/NA	Water	8270C SIM ID	131076
440-279223-11	GECC-901-021621	Total/NA	Water	8270C SIM ID	131076
MB 570-131076/1-A	Method Blank	Total/NA	Water	8270C SIM ID	131076
LCS 570-131076/2-A	Lab Control Sample	Total/NA	Water	8270C SIM ID	131076
LCSD 570-131076/3-A	Lab Control Sample Dup	Total/NA	Water	8270C SIM ID	131076
570-51372-I-1-A MS	Matrix Spike	Total/NA	Water	8270C SIM ID	131076
570-51372-I-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	8270C SIM ID	131076

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Definitions/Glossary

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-0161	11-19-21
California	Los Angeles County Sanitation Districts	10109	09-30-21
California	SCAQMD LAP	17LA0919	11-30-21
California	State	2944	09-30-21
Guam	State	20-003R	10-31-20 *
Nevada	State	CA00111	07-31-21
Oregon	NELAP	CA300001	01-30-22
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-21

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

BLAINE

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0555

TECH SERVICES INC.

CHAIN OF CUSTODY
 BTS # 210215 (21)
 CLIENT
 General Atomics
 SITE
 General Atomics
 11222 Flintoke
 San Diego, CA

SAMPLE ID	DATE	TIME	MATRIX	CONTAINERS	
				COOLERS	TOTAL
TB-021521	02/15/21	10:56	W	2	2
P-112-021521	02/15/21	0916	W	5	5
P-113-021521	02/15/21	0930	W	5	5
P-114-021521	02/15/21	1139	W	5	5
P-115-021521	02/15/21	1243	W	5	5
P-116-021521	02/15/21	1337	W	5	5
P-117-021521	02/15/21	1435	W	5	5
P-118-021621	02/16/21	0831	W	5	5
P-119-021621	02/16/21	0933	W	5	5
P-120-021621	02/16/21	1031	W	5	5

SAMPLING PERFORMED BY (WJ) Zepaleski
 COMPLETED 02/16/21 1200
 RELEASED BY William Rivera
 DATE 02/16/21 TIME 1200
 RECEIVED BY William Rivera
 DATE 2/17/21 TIME 1630
 RECEIVED BY William Rivera
 DATE 2/17/21 TIME 1820
 SHIPPED VIA
 DATE SENT TIME SENT
 COOLER #
 RECEIVED BY Olga Omeltes
 DATE 2/17/21 TIME 1820

1109 #93

CONDUCT ANALYSIS TO DETECT						LAB	Test America	DHS #
VOC analyses (USEPA Method 8260B)	X					SPECIAL INSTRUCTIONS Report to Anil Dharmapal Project Manager Licensing, Safety and Nuclear Compliance 3550 General Atomics Court, San Diego, CA 92121 Office (858) 455-2540, Cell (858) 226-0582		
1,4-Dioxane (USEPA Method 8270D)								
Alkalinity								
Chloride								
Cr (VI)								
Metals (total/dissolved)								
TOC								
ADD'L INFORMATION								
STATUS								
CONDITION								
LAB SAMPLE #								



Mo 02/18/21

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Chain of Custody Record



Client Information (Sub Contract Lab)			Sampler:		Lab PM: Davidkov, Lena		Garner Tracking No(s):		COC No: 440-166484.1		
Client Contact: Shipping/Receiving			Phone:		E-Mail: Lena Davidkova@Eurofinset.com		State of Origin: California		Page: Page 1 of 2		
Company: Eurofins Calscience LLC			Address: 7440 Lincoln Way, Garden Grove, CA, 92841		Phone: 714-895-5494(Tel) 714-894-7501(Fax)		Email:		Job #: 440-279223-1		
Project Name: Monthly In-situ Chemical Oxidation (ISCO)			Site:		Project #: 44023004		SSOW#:		Preservation Codes		
Due Date Requested: 3/2/2021			TAT Requested (days):		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Analysis Requested		
City: Garden Grove			State Zip: CA, 92841		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		
Matrix (Water, Sewer, O-wastewater, BT=Trace, A=Air)			Preservation Code:		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		
8260B_LL/5030C (MOD) Default/Ketones			8270C_SIM_MS_ID/3510C 1,4-Dioxane - SIM_MS_ID		8260B_LL/5030C (MOD) Default/Ketones		8270C_SIM_MS_ID/3510C 1,4-Dioxane - SIM_MS_ID		Analysis Requested		
Special Instructions/Note:			Total Number of Containers		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Analysis Requested		
TB-021521 (440-279223-1)			2/15/21		06:30 Pacific		Water		X		
P-112-021521 (440-279223-2)			2/15/21		09:16 Pacific		Water		X		
P-113-021521 (440-279223-3)			2/15/21		10:30 Pacific		Water		X		
MW-33-021521 (440-279223-4)			2/15/21		11:39 Pacific		Water		X		
MW-9-021521 (440-279223-5)			2/15/21		12:43 Pacific		Water		X		
MW-17-021521 (440-279223-6)			2/15/21		13:37 Pacific		Water		X		
P-114-021521 (440-279223-7)			2/15/21		14:35 Pacific		Water		X		
P-111-021621 (440-279223-8)			2/16/21		08:31 Pacific		Water		X		
GECC-905-021621 (440-279223-9)			2/16/21		09:33 Pacific		Water		X		
<p>Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience.</p>											
<p>Possible Hazard Identification</p> <p>Unconfirmed</p> <p>Deliverable Requested I, II, III, IV <input checked="" type="checkbox"/> (specify) _____</p> <p>Primary Deliverable Rank: 2</p>											
<p>Empty Kit Relinquished by: _____</p> <p>Relinquished by: _____</p> <p>Relinquished by: _____</p> <p>Relinquished by: _____</p> <p>Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Custody Seal No: _____</p>											
<p>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</p> <p><input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months</p> <p>Special Instructions/QC Requirements</p>											
<p>Received by: _____ Date/Time: 02/18/21 17:48 Company: ECI</p> <p>Received by: _____ Date/Time: 2/18/21 8:55 Company: ECI</p> <p>Received by: _____ Date/Time: _____ Company: _____</p> <p>Cooler Temperature(s) °C and Other Remarks: 1.0°C / -0.3°C</p>											



Chain of Custody Record



Environment Testing
 America

Client Information (Sub Contract Lab)

Client Contact:
 Shipping/Receiving
 Company:
 Eurofins Calscience LLC

Address:
 7440 Lincoln Way,
 City:
 Garden Grove
 State, Zip
 CA, 92841
 Phone:
 714-895-5494(Tel) 714-894-7501(Fax)
 Email:

Project Name:
 Monthly In-situ Chemical Oxidation (ISCO)
 Site:

Due Date Requested:
 3/2/2021

TAT Requested (days):

PO #:

WO #:

Project #:
 44023004
 SOW#:



440-279223 Chain of Custody

Lab PM:
 Davidkov, Lena
 E-Mail:
 Lena Davidkova@Eurofinset.com

Carrier Tracking No(s):
 State of Origin:
 California

COC No.:
 440-166484.2
 Page:
 Page 2 of 2
 Job #:
 440-279223-1

Accreditations Required (See note):
 State Program - California

Analysis Requested

Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8269B_LL/5030C (MOD) Default/Ketones	8270C_SIM_MS_ID/3510C 1,4-Dioxane - SIM_MS_ID	Total Number of Containers	Special Instructions/Note:
X	X	X	X	5	
X	X	X	X	5	

Field Filtered Sample (Yes or No)

Perform MS/MSD (Yes or No)

8269B_LL/5030C (MOD) Default/Ketones

8270C_SIM_MS_ID/3510C 1,4-Dioxane - SIM_MS_ID

Total Number of Containers

Special Instructions/Note:

Sample Identification - Client ID (Lab ID)

Sample ID	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Solid, Over soil, BT=Tease, A=Air)	Preservation Code:
GECC-902-021621 (440-279223-10)	2/16/21	10 31 Pacific		Water	
GECC-901-021621 (440-279223-11)	2/16/21	11 31 Pacific		Water	

Sample Date

Sample Time

Sample Type (C=comp, G=grab)

Matrix (Water, Solid, Over soil, BT=Tease, A=Air)

Preservation Code:

Note: Since laboratory accreditations are subject to change Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience.

Possible Hazard Identification

Unconfirmed
 Deliverable Requested I, II, III, IV, Other (specify)

Primary Deliverable Rank 2
 Date
 2/18/21 17:48
 Date/Time: 02/18/21 18:55
 Date/Time:

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client
 Disposal By Lab
 Special Instructions/QC Requirements

Method of Shipment:
 Received by: *ECI*
 Date/Time: 02/18/21 17:48
 Received by: *Annika Hopmann*
 Date/Time: 02/18/21 18:55
 Received by: *ECI*
 Date/Time:

Company: *ECI*
 Company: *ECI*
 Company:
 Cooler Temperature(s) °C and Other Remarks:
 1: 4°C / -0.3°C

Login Sample Receipt Checklist

Client: General Atomics

Job Number: 440-279223-1

Login Number: 279223

List Source: Eurofins Irvine

List Number: 1

Creator: Lagunas, Jorge L

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: General Atomics

Job Number: 440-279223-1

Login Number: 279223

List Source: Eurofins Calscience

List Number: 2

List Creation: 02/19/21 07:18 PM

Creator: Koopman, Jennifer

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	-0.3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Isotope Dilution Summary

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-279223-1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DXE (15-150)
440-279223-2	P-112-021521	59
440-279223-3	P-113-021521	45
440-279223-4	MW-33-021521	59
440-279223-5	MW-9-021521	52
440-279223-6	MW-17-021521	50
440-279223-7	P-114-021521	46
440-279223-8	P-111-021621	48
440-279223-9	GECC-905-021621	47
440-279223-10	GECC-902-021621	54
440-279223-11	GECC-901-021621	43
570-51372-I-1-A MS	Matrix Spike	62
570-51372-I-1-B MSD	Matrix Spike Duplicate	58
570-51386-H-3-A MS	Matrix Spike	55
570-51386-H-3-B MSD	Matrix Spike Duplicate	57
LCS 570-130694/2-A	Lab Control Sample	55
LCS 570-131076/2-A	Lab Control Sample	54
LCSD 570-130694/3-A	Lab Control Sample Dup	60
LCSD 570-131076/3-A	Lab Control Sample Dup	54
MB 570-130694/1-A	Method Blank	62
MB 570-131076/1-A	Method Blank	50

Surrogate Legend

DXE = 1,4-Dioxane-d8



ANALYTICAL REPORT

Eurofins Calscience Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

Laboratory Job ID: 440-280627-1
Client Project/Site: Monthly In-situ Chemical Oxidation (ISCO)
Revision: 1

For:
General Atomics
PO BOX 85608
San Diego, California 92138-5608

Attn: Anil Dharmapal



Authorized for release by:
4/19/2021 5:12:42 PM

Lena Davidkov, Project Manager II
(949)260-3229
Lena.Davidkova@Eurofinset.com

LINKS

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results through
TotalAccess

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The
Expert**

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.





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Sample Summary

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
440-280627-1	TB-031621	Water	03/16/21 06:00	03/16/21 16:51	
440-280627-2	MW-8-031621	Water	03/16/21 07:37	03/16/21 16:51	
440-280627-3	GECC-401-031621	Water	03/16/21 07:29	03/16/21 16:51	
440-280627-4	MW-1-031621	Water	03/16/21 08:07	03/16/21 16:51	
440-280627-5	MW-3-031621	Water	03/16/21 08:30	03/16/21 16:51	
440-280627-6	TW-3-031621	Water	03/16/21 08:51	03/16/21 16:51	
440-280627-7	SVE-1-031621	Water	03/16/21 09:15	03/16/21 16:51	
440-280627-8	SVE-2-031621	Water	03/16/21 09:33	03/16/21 16:51	
440-280627-9	SVE-3-031621	Water	03/16/21 09:57	03/16/21 16:51	
440-280627-10	SVE-4-031621	Water	03/16/21 10:08	03/16/21 16:51	
440-280627-11	SVE-5-031621	Water	03/16/21 10:35	03/16/21 16:51	
440-280627-12	SVE-6-031621	Water	03/16/21 11:00	03/16/21 16:51	
440-280627-13	SVE-7-031621	Water	03/16/21 11:15	03/16/21 16:51	
440-280627-14	SVE-8-031621	Water	03/16/21 11:39	03/16/21 16:51	
440-280627-15	SVE-9-031621	Water	03/16/21 12:20	03/16/21 16:51	
440-280627-16	SVE-10-031621	Water	03/16/21 12:35	03/16/21 16:51	
440-280627-17	SVE-11-031621	Water	03/16/21 13:00	03/16/21 16:51	
440-280627-18	SVE-12-031621	Water	03/16/21 13:13	03/16/21 16:51	
440-280627-19	SVE-13-031621	Water	03/16/21 13:41	03/16/21 16:51	
440-280627-20	SVE-14-031621	Water	03/16/21 14:00	03/16/21 16:51	

Case Narrative

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Job ID: 440-280627-1

Laboratory: Eurofins Calscience Irvine

Narrative

Job Narrative 440-280627-1

Comments

This report was revised to include QC data for Trichlorotrifluoroethane

Receipt

The samples were received on 3/16/2021 4:51 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice.

GC/MS VOA

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-138511.

Method 8260B: The following analyte(s) recovered outside control limits for the LCS/LCSD associated with analytical batch 570-138511: Naphthalene. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Method 8260B: The following sample was diluted due to the nature of the sample matrix: SVE-12-031621 (440-280627-18). Elevated reporting limits (RLs) are provided.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-138507.

Method 8260B: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: SVE-4-031621 (440-280627-10). The reporting limits (RLs) have been adjusted proportionately.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-139029.

Method 8260B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 570-139029 recovered outside control limits for the following analytes: 1,1-Dichloroethene and Trichlorotrifluoroethane(F-113)

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with analytical batch 570-139233.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method 3510C: The samples were dark in color (dark purple) therefore, the receiving pH could not be determined due to the nature of the sample.

MW-3-031621 (440-280627-5) and SVE-4-031621 (440-280627-10)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: TB-031621

Lab Sample ID: 440-280627-1

Date Collected: 03/16/21 06:00

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			03/25/21 11:24	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			03/25/21 11:24	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/25/21 11:24	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			03/25/21 11:24	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			03/25/21 11:24	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			03/25/21 11:24	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			03/25/21 11:24	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			03/25/21 11:24	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			03/25/21 11:24	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			03/25/21 11:24	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			03/25/21 11:24	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			03/25/21 11:24	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			03/25/21 11:24	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			03/25/21 11:24	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			03/25/21 11:24	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			03/25/21 11:24	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			03/25/21 11:24	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			03/25/21 11:24	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			03/25/21 11:24	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			03/25/21 11:24	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			03/25/21 11:24	1
2-Hexanone	ND		6.0	4.3	ug/L			03/25/21 11:24	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			03/25/21 11:24	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			03/25/21 11:24	1
Acetone	ND		8.0	4.0	ug/L			03/25/21 11:24	1
Benzene	ND		0.50	0.27	ug/L			03/25/21 11:24	1
Bromobenzene	ND		0.50	0.26	ug/L			03/25/21 11:24	1
Bromoform	ND		0.50	0.39	ug/L			03/25/21 11:24	1
Bromomethane	ND		1.0	0.93	ug/L			03/25/21 11:24	1
Carbon disulfide	ND		1.0	0.24	ug/L			03/25/21 11:24	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			03/25/21 11:24	1
Chlorobenzene	ND		0.50	0.24	ug/L			03/25/21 11:24	1
Bromochloromethane	ND		1.0	0.35	ug/L			03/25/21 11:24	1
Chloroethane	ND		0.50	0.44	ug/L			03/25/21 11:24	1
Chloroform	ND		0.50	0.28	ug/L			03/25/21 11:24	1
Chloromethane	ND		1.0	0.29	ug/L			03/25/21 11:24	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			03/25/21 11:24	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			03/25/21 11:24	1
Dibromochloromethane	ND		0.50	0.27	ug/L			03/25/21 11:24	1
Dibromomethane	ND		0.50	0.23	ug/L			03/25/21 11:24	1
Bromodichloromethane	ND		0.50	0.22	ug/L			03/25/21 11:24	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/25/21 11:24	1
Ethylbenzene	ND		0.50	0.36	ug/L			03/25/21 11:24	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			03/25/21 11:24	1
Isopropylbenzene	ND		0.50	0.38	ug/L			03/25/21 11:24	1
m,p-Xylene	ND		1.0	0.78	ug/L			03/25/21 11:24	1
Methylene Chloride	ND		1.0	0.48	ug/L			03/25/21 11:24	1
Naphthalene	ND		1.0	0.32	ug/L			03/25/21 11:24	1
n-Butylbenzene	ND		0.50	0.29	ug/L			03/25/21 11:24	1

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: TB-031621

Lab Sample ID: 440-280627-1

Date Collected: 03/16/21 06:00

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.50	0.39	ug/L			03/25/21 11:24	1
o-Xylene	ND		0.50	0.35	ug/L			03/25/21 11:24	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			03/25/21 11:24	1
Styrene	ND		0.50	0.28	ug/L			03/25/21 11:24	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			03/25/21 11:24	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			03/25/21 11:24	1
Toluene	ND		0.50	0.33	ug/L			03/25/21 11:24	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			03/25/21 11:24	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/25/21 11:24	1
Trichloroethene	ND		0.50	0.29	ug/L			03/25/21 11:24	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			03/25/21 11:24	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			03/25/21 11:24	1
Vinyl chloride	ND		0.50	0.40	ug/L			03/25/21 11:24	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			03/25/21 11:24	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			03/25/21 11:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			03/25/21 11:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		68 - 135					03/25/21 11:24	1
Dibromofluoromethane (Surr)	101		80 - 120					03/25/21 11:24	1
Toluene-d8 (Surr)	103		80 - 120					03/25/21 11:24	1
4-Bromofluorobenzene (Surr)	95		71 - 120					03/25/21 11:24	1

Client Sample ID: MW-8-031621

Lab Sample ID: 440-280627-2

Date Collected: 03/16/21 07:37

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			03/25/21 11:54	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			03/25/21 11:54	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/25/21 11:54	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.19	ug/L			03/25/21 11:54	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			03/25/21 11:54	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			03/25/21 11:54	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			03/25/21 11:54	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			03/25/21 11:54	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			03/25/21 11:54	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			03/25/21 11:54	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			03/25/21 11:54	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			03/25/21 11:54	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			03/25/21 11:54	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			03/25/21 11:54	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			03/25/21 11:54	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			03/25/21 11:54	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			03/25/21 11:54	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			03/25/21 11:54	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			03/25/21 11:54	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			03/25/21 11:54	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			03/25/21 11:54	1

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: MW-8-031621

Lab Sample ID: 440-280627-2

Date Collected: 03/16/21 07:37

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	ND		6.0	4.3	ug/L			03/25/21 11:54	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			03/25/21 11:54	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			03/25/21 11:54	1
Acetone	ND		8.0	4.0	ug/L			03/25/21 11:54	1
Benzene	ND		0.50	0.27	ug/L			03/25/21 11:54	1
Bromobenzene	ND		0.50	0.26	ug/L			03/25/21 11:54	1
Bromoform	ND		0.50	0.39	ug/L			03/25/21 11:54	1
Bromomethane	ND		1.0	0.93	ug/L			03/25/21 11:54	1
Carbon disulfide	ND		1.0	0.24	ug/L			03/25/21 11:54	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			03/25/21 11:54	1
Chlorobenzene	ND		0.50	0.24	ug/L			03/25/21 11:54	1
Bromochloromethane	ND		1.0	0.35	ug/L			03/25/21 11:54	1
Chloroethane	ND		0.50	0.44	ug/L			03/25/21 11:54	1
Chloroform	ND		0.50	0.28	ug/L			03/25/21 11:54	1
Chloromethane	ND		1.0	0.29	ug/L			03/25/21 11:54	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			03/25/21 11:54	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			03/25/21 11:54	1
Dibromochloromethane	ND		0.50	0.27	ug/L			03/25/21 11:54	1
Dibromomethane	ND		0.50	0.23	ug/L			03/25/21 11:54	1
Bromodichloromethane	ND		0.50	0.22	ug/L			03/25/21 11:54	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/25/21 11:54	1
Ethylbenzene	ND		0.50	0.36	ug/L			03/25/21 11:54	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			03/25/21 11:54	1
Isopropylbenzene	ND		0.50	0.38	ug/L			03/25/21 11:54	1
m,p-Xylene	ND		1.0	0.78	ug/L			03/25/21 11:54	1
Methylene Chloride	ND		1.0	0.48	ug/L			03/25/21 11:54	1
Naphthalene	ND		1.0	0.32	ug/L			03/25/21 11:54	1
n-Butylbenzene	ND		0.50	0.29	ug/L			03/25/21 11:54	1
N-Propylbenzene	ND		0.50	0.39	ug/L			03/25/21 11:54	1
o-Xylene	ND		0.50	0.35	ug/L			03/25/21 11:54	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			03/25/21 11:54	1
Styrene	ND		0.50	0.28	ug/L			03/25/21 11:54	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			03/25/21 11:54	1
Tetrachloroethene (PCE)	3.8		0.50	0.29	ug/L			03/25/21 11:54	1
Toluene	ND		0.50	0.33	ug/L			03/25/21 11:54	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			03/25/21 11:54	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/25/21 11:54	1
Trichloroethene	2.1		0.50	0.29	ug/L			03/25/21 11:54	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			03/25/21 11:54	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			03/25/21 11:54	1
Vinyl chloride	ND		0.50	0.40	ug/L			03/25/21 11:54	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			03/25/21 11:54	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			03/25/21 11:54	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			03/25/21 11:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		68 - 135		03/25/21 11:54	1
Dibromofluoromethane (Surr)	101		80 - 120		03/25/21 11:54	1
Toluene-d8 (Surr)	102		80 - 120		03/25/21 11:54	1
4-Bromofluorobenzene (Surr)	92		71 - 120		03/25/21 11:54	1

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: MW-8-031621

Lab Sample ID: 440-280627-2

Date Collected: 03/16/21 07:37

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0		0.50	0.34	ug/L		03/19/21 08:09	03/23/21 14:05	1
<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>1,4-Dioxane-d8</i>	59		15 - 150				03/19/21 08:09	03/23/21 14:05	1
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Nitrobenzene-d5 (Surr)</i>	90		46 - 128				03/19/21 08:09	03/23/21 14:05	1

Client Sample ID: GECC-401-031621

Lab Sample ID: 440-280627-3

Date Collected: 03/16/21 07:29

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			03/25/21 12:24	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			03/25/21 12:24	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/25/21 12:24	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			03/25/21 12:24	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			03/25/21 12:24	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			03/25/21 12:24	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			03/25/21 12:24	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			03/25/21 12:24	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			03/25/21 12:24	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			03/25/21 12:24	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			03/25/21 12:24	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			03/25/21 12:24	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			03/25/21 12:24	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			03/25/21 12:24	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			03/25/21 12:24	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			03/25/21 12:24	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			03/25/21 12:24	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			03/25/21 12:24	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			03/25/21 12:24	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			03/25/21 12:24	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			03/25/21 12:24	1
2-Hexanone	ND		6.0	4.3	ug/L			03/25/21 12:24	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			03/25/21 12:24	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			03/25/21 12:24	1
Acetone	13		8.0	4.0	ug/L			03/25/21 12:24	1
Benzene	ND		0.50	0.27	ug/L			03/25/21 12:24	1
Bromobenzene	ND		0.50	0.26	ug/L			03/25/21 12:24	1
Bromoform	ND		0.50	0.39	ug/L			03/25/21 12:24	1
Bromomethane	ND		1.0	0.93	ug/L			03/25/21 12:24	1
Carbon disulfide	ND		1.0	0.24	ug/L			03/25/21 12:24	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			03/25/21 12:24	1
Chlorobenzene	ND		0.50	0.24	ug/L			03/25/21 12:24	1
Bromochloromethane	ND		1.0	0.35	ug/L			03/25/21 12:24	1
Chloroethane	ND		0.50	0.44	ug/L			03/25/21 12:24	1
Chloroform	3.6		0.50	0.28	ug/L			03/25/21 12:24	1
Chloromethane	ND		1.0	0.29	ug/L			03/25/21 12:24	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			03/25/21 12:24	1

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: GECC-401-031621

Lab Sample ID: 440-280627-3

Date Collected: 03/16/21 07:29

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			03/25/21 12:24	1
Dibromochloromethane	1.6		0.50	0.27	ug/L			03/25/21 12:24	1
Dibromomethane	ND		0.50	0.23	ug/L			03/25/21 12:24	1
Bromodichloromethane	3.1		0.50	0.22	ug/L			03/25/21 12:24	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/25/21 12:24	1
Ethylbenzene	ND		0.50	0.36	ug/L			03/25/21 12:24	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			03/25/21 12:24	1
Isopropylbenzene	ND		0.50	0.38	ug/L			03/25/21 12:24	1
m,p-Xylene	ND		1.0	0.78	ug/L			03/25/21 12:24	1
Methylene Chloride	ND		1.0	0.48	ug/L			03/25/21 12:24	1
Naphthalene	ND		1.0	0.32	ug/L			03/25/21 12:24	1
n-Butylbenzene	ND		0.50	0.29	ug/L			03/25/21 12:24	1
N-Propylbenzene	ND		0.50	0.39	ug/L			03/25/21 12:24	1
o-Xylene	ND		0.50	0.35	ug/L			03/25/21 12:24	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			03/25/21 12:24	1
Styrene	ND		0.50	0.28	ug/L			03/25/21 12:24	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			03/25/21 12:24	1
Tetrachloroethene (PCE)	0.77		0.50	0.29	ug/L			03/25/21 12:24	1
Toluene	ND		0.50	0.33	ug/L			03/25/21 12:24	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			03/25/21 12:24	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/25/21 12:24	1
Trichloroethene	ND		0.50	0.29	ug/L			03/25/21 12:24	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			03/25/21 12:24	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			03/25/21 12:24	1
Vinyl chloride	ND		0.50	0.40	ug/L			03/25/21 12:24	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			03/25/21 12:24	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			03/25/21 12:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			03/25/21 12:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		68 - 135		03/25/21 12:24	1
Dibromofluoromethane (Surr)	101		80 - 120		03/25/21 12:24	1
Toluene-d8 (Surr)	103		80 - 120		03/25/21 12:24	1
4-Bromofluorobenzene (Surr)	96		71 - 120		03/25/21 12:24	1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50	0.34	ug/L		03/19/21 08:09	03/23/21 09:05	1
Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1,4-Dioxane-d8	63		15 - 150	03/19/21 08:09	03/23/21 09:05	1			
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
Nitrobenzene-d5 (Surr)	100		46 - 128	03/19/21 08:09	03/23/21 09:05	1			

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: MW-1-031621

Lab Sample ID: 440-280627-4

Date Collected: 03/16/21 08:07

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			03/26/21 20:48	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			03/26/21 20:48	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/26/21 20:48	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			03/26/21 20:48	1
1,1,2-Trichloroethane	0.11	J	0.50	0.085	ug/L			03/26/21 20:48	1
1,1-Dichloroethane	3.0		0.50	0.35	ug/L			03/26/21 20:48	1
1,1-Dichloroethene	ND	*1	0.50	0.39	ug/L			03/26/21 20:48	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			03/26/21 20:48	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			03/26/21 20:48	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			03/26/21 20:48	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			03/26/21 20:48	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			03/26/21 20:48	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			03/26/21 20:48	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			03/26/21 20:48	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			03/26/21 20:48	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			03/26/21 20:48	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			03/26/21 20:48	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			03/26/21 20:48	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			03/26/21 20:48	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			03/26/21 20:48	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			03/26/21 20:48	1
2-Hexanone	ND		6.0	4.3	ug/L			03/26/21 20:48	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			03/26/21 20:48	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			03/26/21 20:48	1
Acetone	26		8.0	4.0	ug/L			03/26/21 20:48	1
Benzene	ND		0.50	0.27	ug/L			03/26/21 20:48	1
Bromobenzene	ND		0.50	0.26	ug/L			03/26/21 20:48	1
Bromoform	ND		0.50	0.39	ug/L			03/26/21 20:48	1
Bromomethane	ND		1.0	0.93	ug/L			03/26/21 20:48	1
Carbon disulfide	ND		1.0	0.24	ug/L			03/26/21 20:48	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			03/26/21 20:48	1
Chlorobenzene	ND		0.50	0.24	ug/L			03/26/21 20:48	1
Bromochloromethane	ND		1.0	0.35	ug/L			03/26/21 20:48	1
Chloroethane	ND		0.50	0.44	ug/L			03/26/21 20:48	1
Chloroform	2.1		0.50	0.28	ug/L			03/26/21 20:48	1
Chloromethane	ND		1.0	0.29	ug/L			03/26/21 20:48	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			03/26/21 20:48	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			03/26/21 20:48	1
Dibromochloromethane	ND		0.50	0.27	ug/L			03/26/21 20:48	1
Dibromomethane	ND		0.50	0.23	ug/L			03/26/21 20:48	1
Bromodichloromethane	ND		0.50	0.22	ug/L			03/26/21 20:48	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/26/21 20:48	1
Ethylbenzene	ND		0.50	0.36	ug/L			03/26/21 20:48	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			03/26/21 20:48	1
Isopropylbenzene	ND		0.50	0.38	ug/L			03/26/21 20:48	1
m,p-Xylene	ND		1.0	0.78	ug/L			03/26/21 20:48	1
Methylene Chloride	ND		1.0	0.48	ug/L			03/26/21 20:48	1
Naphthalene	ND		1.0	0.32	ug/L			03/26/21 20:48	1
n-Butylbenzene	ND		0.50	0.29	ug/L			03/26/21 20:48	1

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: MW-1-031621

Lab Sample ID: 440-280627-4

Date Collected: 03/16/21 08:07

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.50	0.39	ug/L			03/26/21 20:48	1
o-Xylene	ND		0.50	0.35	ug/L			03/26/21 20:48	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			03/26/21 20:48	1
Styrene	ND		0.50	0.28	ug/L			03/26/21 20:48	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			03/26/21 20:48	1
Tetrachloroethene (PCE)	0.29	J	0.50	0.29	ug/L			03/26/21 20:48	1
Toluene	ND		0.50	0.33	ug/L			03/26/21 20:48	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			03/26/21 20:48	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/26/21 20:48	1
Trichloroethene	ND		0.50	0.29	ug/L			03/26/21 20:48	1
Trichlorofluoromethane	16		0.50	0.30	ug/L			03/26/21 20:48	1
Trichlorotrifluoroethane	ND	*1	0.50	0.25	ug/L			03/26/21 20:48	1
Vinyl chloride	ND		0.50	0.40	ug/L			03/26/21 20:48	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			03/26/21 20:48	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			03/26/21 20:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			03/26/21 20:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		68 - 135					03/26/21 20:48	1
Dibromofluoromethane (Surr)	99		80 - 120					03/26/21 20:48	1
Toluene-d8 (Surr)	99		80 - 120					03/26/21 20:48	1
4-Bromofluorobenzene (Surr)	96		71 - 120					03/26/21 20:48	1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	15		0.50	0.34	ug/L		03/19/21 08:09	03/23/21 09:20	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	64		15 - 150				03/19/21 08:09	03/23/21 09:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	102		46 - 128				03/19/21 08:09	03/23/21 09:20	1

Client Sample ID: MW-3-031621

Lab Sample ID: 440-280627-5

Date Collected: 03/16/21 08:30

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		2.0	1.3	ug/L			03/25/21 13:24	4
1,1,1,2-Tetrachloroethane	ND		2.0	1.0	ug/L			03/25/21 13:24	4
1,1,1-Trichloroethane	ND		2.0	1.1	ug/L			03/25/21 13:24	4
1,1,2,2-Tetrachloroethane	ND		2.0	0.78	ug/L			03/25/21 13:24	4
1,1,2-Trichloroethane	ND		2.0	0.34	ug/L			03/25/21 13:24	4
1,1-Dichloroethane	ND		2.0	1.4	ug/L			03/25/21 13:24	4
1,1-Dichloroethene	ND		2.0	1.6	ug/L			03/25/21 13:24	4
1,1-Dichloropropene	ND		2.0	0.97	ug/L			03/25/21 13:24	4
1,2,3-Trichlorobenzene	ND		2.0	1.1	ug/L			03/25/21 13:24	4
1,2,4-Trichlorobenzene	ND		2.0	1.5	ug/L			03/25/21 13:24	4
1,2,4-Trimethylbenzene	ND		2.0	1.1	ug/L			03/25/21 13:24	4
1,2-Dibromo-3-Chloropropane	ND		4.0	2.6	ug/L			03/25/21 13:24	4

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: MW-3-031621

Lab Sample ID: 440-280627-5

Date Collected: 03/16/21 08:30

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		2.0	0.92	ug/L			03/25/21 13:24	4
1,2-Dichloroethane	ND		2.0	0.60	ug/L			03/25/21 13:24	4
1,2-Dichloropropane	ND		2.0	0.96	ug/L			03/25/21 13:24	4
1,3,5-Trimethylbenzene	ND		2.0	1.1	ug/L			03/25/21 13:24	4
1,3-Dichlorobenzene	ND		2.0	1.0	ug/L			03/25/21 13:24	4
1,3-Dichloropropane	ND		2.0	0.82	ug/L			03/25/21 13:24	4
1,4-Dichlorobenzene	ND		2.0	0.90	ug/L			03/25/21 13:24	4
2,2-Dichloropropane	ND		2.0	1.6	ug/L			03/25/21 13:24	4
2-Chlorotoluene	ND		2.0	1.2	ug/L			03/25/21 13:24	4
2-Hexanone	ND		24	17	ug/L			03/25/21 13:24	4
4-Chlorotoluene	ND		2.0	1.3	ug/L			03/25/21 13:24	4
4-Isopropyltoluene	ND		2.0	1.1	ug/L			03/25/21 13:24	4
Acetone	90		32	16	ug/L			03/25/21 13:24	4
Benzene	ND		2.0	1.1	ug/L			03/25/21 13:24	4
Bromobenzene	ND		2.0	1.0	ug/L			03/25/21 13:24	4
Bromoform	ND		2.0	1.6	ug/L			03/25/21 13:24	4
Bromomethane	ND		4.0	3.7	ug/L			03/25/21 13:24	4
Carbon disulfide	ND		4.0	0.98	ug/L			03/25/21 13:24	4
Carbon tetrachloride	ND		2.0	1.1	ug/L			03/25/21 13:24	4
Chlorobenzene	ND		2.0	0.95	ug/L			03/25/21 13:24	4
Bromochloromethane	ND		4.0	1.4	ug/L			03/25/21 13:24	4
Chloroethane	ND		2.0	1.8	ug/L			03/25/21 13:24	4
Chloroform	1.9 J		2.0	1.1	ug/L			03/25/21 13:24	4
Chloromethane	ND		4.0	1.2	ug/L			03/25/21 13:24	4
cis-1,2-Dichloroethene	ND		2.0	1.2	ug/L			03/25/21 13:24	4
cis-1,3-Dichloropropene	ND		2.0	0.77	ug/L			03/25/21 13:24	4
Dibromochloromethane	ND		2.0	1.1	ug/L			03/25/21 13:24	4
Dibromomethane	ND		2.0	0.92	ug/L			03/25/21 13:24	4
Bromodichloromethane	1.2 J		2.0	0.89	ug/L			03/25/21 13:24	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			03/25/21 13:24	4
Ethylbenzene	ND		2.0	1.4	ug/L			03/25/21 13:24	4
Hexachlorobutadiene	ND		4.0	1.3	ug/L			03/25/21 13:24	4
Isopropylbenzene	ND		2.0	1.5	ug/L			03/25/21 13:24	4
m,p-Xylene	ND		4.0	3.1	ug/L			03/25/21 13:24	4
Methylene Chloride	ND		4.0	1.9	ug/L			03/25/21 13:24	4
Naphthalene	ND		4.0	1.3	ug/L			03/25/21 13:24	4
n-Butylbenzene	ND		2.0	1.2	ug/L			03/25/21 13:24	4
N-Propylbenzene	ND		2.0	1.6	ug/L			03/25/21 13:24	4
o-Xylene	ND		2.0	1.4	ug/L			03/25/21 13:24	4
sec-Butylbenzene	ND		2.0	1.4	ug/L			03/25/21 13:24	4
Styrene	ND		2.0	1.1	ug/L			03/25/21 13:24	4
tert-Butylbenzene	ND		2.0	1.4	ug/L			03/25/21 13:24	4
Tetrachloroethene (PCE)	ND		2.0	1.2	ug/L			03/25/21 13:24	4
Toluene	ND		2.0	1.3	ug/L			03/25/21 13:24	4
trans-1,2-Dichloroethene	ND		2.0	1.4	ug/L			03/25/21 13:24	4
trans-1,3-Dichloropropene	ND		2.0	0.69	ug/L			03/25/21 13:24	4
Trichloroethene	ND		2.0	1.2	ug/L			03/25/21 13:24	4
Trichlorofluoromethane	6.6		2.0	1.2	ug/L			03/25/21 13:24	4
Trichlorotrifluoroethane	ND		2.0	1.0	ug/L			03/25/21 13:24	4

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: MW-3-031621

Lab Sample ID: 440-280627-5

Date Collected: 03/16/21 08:30

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		2.0	1.6	ug/L			03/25/21 13:24	4
1,2-Dibromoethane (EDB)	ND		2.0	0.55	ug/L			03/25/21 13:24	4
2-Butanone (MEK)	ND		20	12	ug/L			03/25/21 13:24	4
4-Methyl-2-pentanone (MIBK)	ND		20	9.0	ug/L			03/25/21 13:24	4
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		68 - 135					03/25/21 13:24	4
Dibromofluoromethane (Surr)	95		80 - 120					03/25/21 13:24	4
Toluene-d8 (Surr)	99		80 - 120					03/25/21 13:24	4
4-Bromofluorobenzene (Surr)	97		71 - 120					03/25/21 13:24	4

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50	0.34	ug/L		03/19/21 08:09	03/23/21 09:35	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	64		15 - 150				03/19/21 08:09	03/23/21 09:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	90		46 - 128				03/19/21 08:09	03/23/21 09:35	1

Client Sample ID: TW-3-031621

Lab Sample ID: 440-280627-6

Date Collected: 03/16/21 08:51

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		2.0	1.3	ug/L			03/26/21 21:15	4
1,1,1,2-Tetrachloroethane	ND		2.0	1.0	ug/L			03/26/21 21:15	4
1,1,1-Trichloroethane	ND		2.0	1.1	ug/L			03/26/21 21:15	4
1,1,2,2-Tetrachloroethane	ND		2.0	0.78	ug/L			03/26/21 21:15	4
1,1,2-Trichloroethane	ND		2.0	0.34	ug/L			03/26/21 21:15	4
1,1-Dichloroethane	2.6		2.0	1.4	ug/L			03/26/21 21:15	4
1,1-Dichloroethene	ND	*1	2.0	1.6	ug/L			03/26/21 21:15	4
1,1-Dichloropropene	ND		2.0	0.97	ug/L			03/26/21 21:15	4
1,2,3-Trichlorobenzene	ND		2.0	1.1	ug/L			03/26/21 21:15	4
1,2,4-Trichlorobenzene	ND		2.0	1.5	ug/L			03/26/21 21:15	4
1,2,4-Trimethylbenzene	ND		2.0	1.1	ug/L			03/26/21 21:15	4
1,2-Dibromo-3-Chloropropane	ND		4.0	2.6	ug/L			03/26/21 21:15	4
1,2-Dichlorobenzene	ND		2.0	0.92	ug/L			03/26/21 21:15	4
1,2-Dichloroethane	ND		2.0	0.60	ug/L			03/26/21 21:15	4
1,2-Dichloropropane	ND		2.0	0.96	ug/L			03/26/21 21:15	4
1,3,5-Trimethylbenzene	ND		2.0	1.1	ug/L			03/26/21 21:15	4
1,3-Dichlorobenzene	ND		2.0	1.0	ug/L			03/26/21 21:15	4
1,3-Dichloropropane	ND		2.0	0.82	ug/L			03/26/21 21:15	4
1,4-Dichlorobenzene	ND		2.0	0.90	ug/L			03/26/21 21:15	4
2,2-Dichloropropane	ND		2.0	1.6	ug/L			03/26/21 21:15	4
2-Chlorotoluene	ND		2.0	1.2	ug/L			03/26/21 21:15	4
2-Hexanone	ND		24	17	ug/L			03/26/21 21:15	4
4-Chlorotoluene	ND		2.0	1.3	ug/L			03/26/21 21:15	4
4-Isopropyltoluene	ND		2.0	1.1	ug/L			03/26/21 21:15	4

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: TW-3-031621

Lab Sample ID: 440-280627-6

Date Collected: 03/16/21 08:51

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	57		32	16	ug/L			03/26/21 21:15	4
Benzene	ND		2.0	1.1	ug/L			03/26/21 21:15	4
Bromobenzene	ND		2.0	1.0	ug/L			03/26/21 21:15	4
Bromoform	ND		2.0	1.6	ug/L			03/26/21 21:15	4
Bromomethane	ND		4.0	3.7	ug/L			03/26/21 21:15	4
Carbon disulfide	ND		4.0	0.98	ug/L			03/26/21 21:15	4
Carbon tetrachloride	ND		2.0	1.1	ug/L			03/26/21 21:15	4
Chlorobenzene	ND		2.0	0.95	ug/L			03/26/21 21:15	4
Bromochloromethane	ND		4.0	1.4	ug/L			03/26/21 21:15	4
Chloroethane	ND		2.0	1.8	ug/L			03/26/21 21:15	4
Chloroform	6.7		2.0	1.1	ug/L			03/26/21 21:15	4
Chloromethane	ND		4.0	1.2	ug/L			03/26/21 21:15	4
cis-1,2-Dichloroethene	ND		2.0	1.2	ug/L			03/26/21 21:15	4
cis-1,3-Dichloropropene	ND		2.0	0.77	ug/L			03/26/21 21:15	4
Dibromochloromethane	4.0		2.0	1.1	ug/L			03/26/21 21:15	4
Dibromomethane	ND		2.0	0.92	ug/L			03/26/21 21:15	4
Bromodichloromethane	4.4		2.0	0.89	ug/L			03/26/21 21:15	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			03/26/21 21:15	4
Ethylbenzene	ND		2.0	1.4	ug/L			03/26/21 21:15	4
Hexachlorobutadiene	ND		4.0	1.3	ug/L			03/26/21 21:15	4
Isopropylbenzene	ND		2.0	1.5	ug/L			03/26/21 21:15	4
m,p-Xylene	ND		4.0	3.1	ug/L			03/26/21 21:15	4
Methylene Chloride	ND		4.0	1.9	ug/L			03/26/21 21:15	4
Naphthalene	ND		4.0	1.3	ug/L			03/26/21 21:15	4
n-Butylbenzene	ND		2.0	1.2	ug/L			03/26/21 21:15	4
N-Propylbenzene	ND		2.0	1.6	ug/L			03/26/21 21:15	4
o-Xylene	ND		2.0	1.4	ug/L			03/26/21 21:15	4
sec-Butylbenzene	ND		2.0	1.4	ug/L			03/26/21 21:15	4
Styrene	ND		2.0	1.1	ug/L			03/26/21 21:15	4
tert-Butylbenzene	ND		2.0	1.4	ug/L			03/26/21 21:15	4
Tetrachloroethene (PCE)	ND		2.0	1.2	ug/L			03/26/21 21:15	4
Toluene	ND		2.0	1.3	ug/L			03/26/21 21:15	4
trans-1,2-Dichloroethene	ND		2.0	1.4	ug/L			03/26/21 21:15	4
trans-1,3-Dichloropropene	ND		2.0	0.69	ug/L			03/26/21 21:15	4
Trichloroethene	ND		2.0	1.2	ug/L			03/26/21 21:15	4
Trichlorofluoromethane	9.5		2.0	1.2	ug/L			03/26/21 21:15	4
Trichlorotrifluoroethane	ND	*1	2.0	1.0	ug/L			03/26/21 21:15	4
Vinyl chloride	ND		2.0	1.6	ug/L			03/26/21 21:15	4
1,2-Dibromoethane (EDB)	ND		2.0	0.55	ug/L			03/26/21 21:15	4
2-Butanone (MEK)	ND		20	12	ug/L			03/26/21 21:15	4
4-Methyl-2-pentanone (MIBK)	ND		20	9.0	ug/L			03/26/21 21:15	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		68 - 135		03/26/21 21:15	4
Dibromofluoromethane (Surr)	100		80 - 120		03/26/21 21:15	4
Toluene-d8 (Surr)	102		80 - 120		03/26/21 21:15	4
4-Bromofluorobenzene (Surr)	98		71 - 120		03/26/21 21:15	4

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: TW-3-031621

Lab Sample ID: 440-280627-6

Date Collected: 03/16/21 08:51

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50	0.34	ug/L		03/19/21 08:09	03/23/21 09:50	1
Isotope Dilution									
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	59		15 - 150				03/19/21 08:09	03/23/21 09:50	1
Surrogate									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	84		46 - 128				03/19/21 08:09	03/23/21 09:50	1

Client Sample ID: SVE-1-031621

Lab Sample ID: 440-280627-7

Date Collected: 03/16/21 09:15

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		4.0	2.6	ug/L			03/25/21 14:23	8
1,1,1,2-Tetrachloroethane	ND		4.0	2.1	ug/L			03/25/21 14:23	8
1,1,1-Trichloroethane	ND		4.0	2.1	ug/L			03/25/21 14:23	8
1,1,2,2-Tetrachloroethane	ND		4.0	1.6	ug/L			03/25/21 14:23	8
1,1,2-Trichloroethane	ND		4.0	0.68	ug/L			03/25/21 14:23	8
1,1-Dichloroethane	4.9		4.0	2.8	ug/L			03/25/21 14:23	8
1,1-Dichloroethene	ND		4.0	3.1	ug/L			03/25/21 14:23	8
1,1-Dichloropropene	ND		4.0	1.9	ug/L			03/25/21 14:23	8
1,2,3-Trichlorobenzene	ND		4.0	2.2	ug/L			03/25/21 14:23	8
1,2,4-Trichlorobenzene	ND		4.0	3.0	ug/L			03/25/21 14:23	8
1,2,4-Trimethylbenzene	ND		4.0	2.3	ug/L			03/25/21 14:23	8
1,2-Dibromo-3-Chloropropane	ND		8.0	5.1	ug/L			03/25/21 14:23	8
1,2-Dichlorobenzene	ND		4.0	1.8	ug/L			03/25/21 14:23	8
1,2-Dichloroethane	ND		4.0	1.2	ug/L			03/25/21 14:23	8
1,2-Dichloropropane	ND		4.0	1.9	ug/L			03/25/21 14:23	8
1,3,5-Trimethylbenzene	ND		4.0	2.3	ug/L			03/25/21 14:23	8
1,3-Dichlorobenzene	ND		4.0	2.1	ug/L			03/25/21 14:23	8
1,3-Dichloropropane	ND		4.0	1.6	ug/L			03/25/21 14:23	8
1,4-Dichlorobenzene	ND		4.0	1.8	ug/L			03/25/21 14:23	8
2,2-Dichloropropane	ND		4.0	3.2	ug/L			03/25/21 14:23	8
2-Chlorotoluene	ND		4.0	2.5	ug/L			03/25/21 14:23	8
2-Hexanone	ND		48	35	ug/L			03/25/21 14:23	8
4-Chlorotoluene	ND		4.0	2.7	ug/L			03/25/21 14:23	8
4-Isopropyltoluene	ND		4.0	2.2	ug/L			03/25/21 14:23	8
Acetone	180		64	32	ug/L			03/25/21 14:23	8
Benzene	ND		4.0	2.1	ug/L			03/25/21 14:23	8
Bromobenzene	ND		4.0	2.1	ug/L			03/25/21 14:23	8
Bromoform	ND		4.0	3.1	ug/L			03/25/21 14:23	8
Bromomethane	ND		8.0	7.5	ug/L			03/25/21 14:23	8
Carbon disulfide	ND		8.0	2.0	ug/L			03/25/21 14:23	8
Carbon tetrachloride	ND		4.0	2.2	ug/L			03/25/21 14:23	8
Chlorobenzene	ND		4.0	1.9	ug/L			03/25/21 14:23	8
Bromochloromethane	ND		8.0	2.8	ug/L			03/25/21 14:23	8
Chloroethane	ND		4.0	3.5	ug/L			03/25/21 14:23	8
Chloroform	6.1		4.0	2.3	ug/L			03/25/21 14:23	8
Chloromethane	ND		8.0	2.4	ug/L			03/25/21 14:23	8
cis-1,2-Dichloroethene	ND		4.0	2.4	ug/L			03/25/21 14:23	8

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: SVE-1-031621

Lab Sample ID: 440-280627-7

Date Collected: 03/16/21 09:15

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		4.0	1.5	ug/L			03/25/21 14:23	8
Dibromochloromethane	ND		4.0	2.2	ug/L			03/25/21 14:23	8
Dibromomethane	ND		4.0	1.8	ug/L			03/25/21 14:23	8
Bromodichloromethane	ND		4.0	1.8	ug/L			03/25/21 14:23	8
Dichlorodifluoromethane	ND		8.0	5.4	ug/L			03/25/21 14:23	8
Ethylbenzene	ND		4.0	2.8	ug/L			03/25/21 14:23	8
Hexachlorobutadiene	ND		8.0	2.5	ug/L			03/25/21 14:23	8
Isopropylbenzene	ND		4.0	3.1	ug/L			03/25/21 14:23	8
m,p-Xylene	ND		8.0	6.3	ug/L			03/25/21 14:23	8
Methylene Chloride	ND		8.0	3.8	ug/L			03/25/21 14:23	8
Naphthalene	ND		8.0	2.5	ug/L			03/25/21 14:23	8
n-Butylbenzene	ND		4.0	2.3	ug/L			03/25/21 14:23	8
N-Propylbenzene	ND		4.0	3.1	ug/L			03/25/21 14:23	8
o-Xylene	ND		4.0	2.8	ug/L			03/25/21 14:23	8
sec-Butylbenzene	ND		4.0	2.7	ug/L			03/25/21 14:23	8
Styrene	ND		4.0	2.2	ug/L			03/25/21 14:23	8
tert-Butylbenzene	ND		4.0	2.7	ug/L			03/25/21 14:23	8
Tetrachloroethene (PCE)	ND		4.0	2.3	ug/L			03/25/21 14:23	8
Toluene	ND		4.0	2.6	ug/L			03/25/21 14:23	8
trans-1,2-Dichloroethene	ND		4.0	2.9	ug/L			03/25/21 14:23	8
trans-1,3-Dichloropropene	ND		4.0	1.4	ug/L			03/25/21 14:23	8
Trichloroethene	ND		4.0	2.3	ug/L			03/25/21 14:23	8
Trichlorofluoromethane	14		4.0	2.4	ug/L			03/25/21 14:23	8
Trichlorotrifluoroethane	ND		4.0	2.0	ug/L			03/25/21 14:23	8
Vinyl chloride	ND		4.0	3.2	ug/L			03/25/21 14:23	8
1,2-Dibromoethane (EDB)	ND		4.0	1.1	ug/L			03/25/21 14:23	8
2-Butanone (MEK)	ND		40	24	ug/L			03/25/21 14:23	8
4-Methyl-2-pentanone (MIBK)	ND		40	18	ug/L			03/25/21 14:23	8
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		68 - 135					03/25/21 14:23	8
Dibromofluoromethane (Surr)	101		80 - 120					03/25/21 14:23	8
Toluene-d8 (Surr)	100		80 - 120					03/25/21 14:23	8
4-Bromofluorobenzene (Surr)	90		71 - 120					03/25/21 14:23	8

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.9		0.50	0.34	ug/L		03/19/21 08:09	03/23/21 10:05	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	72		15 - 150				03/19/21 08:09	03/23/21 10:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	96		46 - 128				03/19/21 08:09	03/23/21 10:05	1

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: SVE-2-031621

Lab Sample ID: 440-280627-8

Date Collected: 03/16/21 09:33

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	3.2	ug/L			03/26/21 21:42	10
1,1,1,2-Tetrachloroethane	ND		5.0	2.6	ug/L			03/26/21 21:42	10
1,1,1-Trichloroethane	ND		5.0	2.7	ug/L			03/26/21 21:42	10
1,1,2,2-Tetrachloroethane	ND		5.0	1.9	ug/L			03/26/21 21:42	10
1,1,2-Trichloroethane	2.0	J	5.0	0.85	ug/L			03/26/21 21:42	10
1,1-Dichloroethane	4.8	J	5.0	3.5	ug/L			03/26/21 21:42	10
1,1-Dichloroethene	ND	*1	5.0	3.9	ug/L			03/26/21 21:42	10
1,1-Dichloropropene	ND		5.0	2.4	ug/L			03/26/21 21:42	10
1,2,3-Trichlorobenzene	ND		5.0	2.8	ug/L			03/26/21 21:42	10
1,2,4-Trichlorobenzene	ND		5.0	3.8	ug/L			03/26/21 21:42	10
1,2,4-Trimethylbenzene	ND		5.0	2.9	ug/L			03/26/21 21:42	10
1,2-Dibromo-3-Chloropropane	ND		10	6.4	ug/L			03/26/21 21:42	10
1,2-Dichlorobenzene	ND		5.0	2.3	ug/L			03/26/21 21:42	10
1,2-Dichloroethane	ND		5.0	1.5	ug/L			03/26/21 21:42	10
1,2-Dichloropropane	ND		5.0	2.4	ug/L			03/26/21 21:42	10
1,3,5-Trimethylbenzene	ND		5.0	2.8	ug/L			03/26/21 21:42	10
1,3-Dichlorobenzene	ND		5.0	2.6	ug/L			03/26/21 21:42	10
1,3-Dichloropropane	ND		5.0	2.0	ug/L			03/26/21 21:42	10
1,4-Dichlorobenzene	ND		5.0	2.2	ug/L			03/26/21 21:42	10
2,2-Dichloropropane	ND		5.0	4.0	ug/L			03/26/21 21:42	10
2-Chlorotoluene	ND		5.0	3.1	ug/L			03/26/21 21:42	10
2-Hexanone	ND		60	43	ug/L			03/26/21 21:42	10
4-Chlorotoluene	ND		5.0	3.4	ug/L			03/26/21 21:42	10
4-Isopropyltoluene	ND		5.0	2.8	ug/L			03/26/21 21:42	10
Acetone	310		80	40	ug/L			03/26/21 21:42	10
Benzene	ND		5.0	2.7	ug/L			03/26/21 21:42	10
Bromobenzene	ND		5.0	2.6	ug/L			03/26/21 21:42	10
Bromoform	ND		5.0	3.9	ug/L			03/26/21 21:42	10
Bromomethane	ND		10	9.3	ug/L			03/26/21 21:42	10
Carbon disulfide	ND		10	2.4	ug/L			03/26/21 21:42	10
Carbon tetrachloride	ND		5.0	2.7	ug/L			03/26/21 21:42	10
Chlorobenzene	ND		5.0	2.4	ug/L			03/26/21 21:42	10
Bromochloromethane	ND		10	3.5	ug/L			03/26/21 21:42	10
Chloroethane	ND		5.0	4.4	ug/L			03/26/21 21:42	10
Chloroform	28		5.0	2.8	ug/L			03/26/21 21:42	10
Chloromethane	ND		10	2.9	ug/L			03/26/21 21:42	10
cis-1,2-Dichloroethene	ND		5.0	3.0	ug/L			03/26/21 21:42	10
cis-1,3-Dichloropropene	ND		5.0	1.9	ug/L			03/26/21 21:42	10
Dibromochloromethane	ND		5.0	2.7	ug/L			03/26/21 21:42	10
Dibromomethane	ND		5.0	2.3	ug/L			03/26/21 21:42	10
Bromodichloromethane	ND		5.0	2.2	ug/L			03/26/21 21:42	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			03/26/21 21:42	10
Ethylbenzene	ND		5.0	3.6	ug/L			03/26/21 21:42	10
Hexachlorobutadiene	ND		10	3.2	ug/L			03/26/21 21:42	10
Isopropylbenzene	ND		5.0	3.8	ug/L			03/26/21 21:42	10
m,p-Xylene	ND		10	7.8	ug/L			03/26/21 21:42	10
Methylene Chloride	ND		10	4.8	ug/L			03/26/21 21:42	10
Naphthalene	ND		10	3.2	ug/L			03/26/21 21:42	10
n-Butylbenzene	ND		5.0	2.9	ug/L			03/26/21 21:42	10

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: SVE-2-031621

Lab Sample ID: 440-280627-8

Date Collected: 03/16/21 09:33

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		5.0	3.9	ug/L			03/26/21 21:42	10
o-Xylene	ND		5.0	3.5	ug/L			03/26/21 21:42	10
sec-Butylbenzene	ND		5.0	3.4	ug/L			03/26/21 21:42	10
Styrene	ND		5.0	2.8	ug/L			03/26/21 21:42	10
tert-Butylbenzene	ND		5.0	3.4	ug/L			03/26/21 21:42	10
Tetrachloroethene (PCE)	ND		5.0	2.9	ug/L			03/26/21 21:42	10
Toluene	ND		5.0	3.3	ug/L			03/26/21 21:42	10
trans-1,2-Dichloroethene	ND		5.0	3.6	ug/L			03/26/21 21:42	10
trans-1,3-Dichloropropene	ND		5.0	1.7	ug/L			03/26/21 21:42	10
Trichloroethene	ND		5.0	2.9	ug/L			03/26/21 21:42	10
Trichlorofluoromethane	29		5.0	3.0	ug/L			03/26/21 21:42	10
Trichlorotrifluoroethane	ND	*1	5.0	2.5	ug/L			03/26/21 21:42	10
Vinyl chloride	ND		5.0	4.0	ug/L			03/26/21 21:42	10
1,2-Dibromoethane (EDB)	ND		5.0	1.4	ug/L			03/26/21 21:42	10
2-Butanone (MEK)	ND		50	30	ug/L			03/26/21 21:42	10
4-Methyl-2-pentanone (MIBK)	ND		50	22	ug/L			03/26/21 21:42	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		68 - 135					03/26/21 21:42	10
Dibromofluoromethane (Surr)	99		80 - 120					03/26/21 21:42	10
Toluene-d8 (Surr)	99		80 - 120					03/26/21 21:42	10
4-Bromofluorobenzene (Surr)	100		71 - 120					03/26/21 21:42	10

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.6		0.50	0.34	ug/L		03/19/21 08:09	03/23/21 10:20	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	63		15 - 150				03/19/21 08:09	03/23/21 10:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	100		46 - 128				03/19/21 08:09	03/23/21 10:20	1

Client Sample ID: SVE-3-031621

Lab Sample ID: 440-280627-9

Date Collected: 03/16/21 09:57

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			03/26/21 22:08	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			03/26/21 22:08	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/26/21 22:08	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			03/26/21 22:08	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			03/26/21 22:08	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			03/26/21 22:08	1
1,1-Dichloroethene	ND	*1	0.50	0.39	ug/L			03/26/21 22:08	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			03/26/21 22:08	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			03/26/21 22:08	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			03/26/21 22:08	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			03/26/21 22:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			03/26/21 22:08	1

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: SVE-3-031621

Lab Sample ID: 440-280627-9

Date Collected: 03/16/21 09:57

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			03/26/21 22:08	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			03/26/21 22:08	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			03/26/21 22:08	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			03/26/21 22:08	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			03/26/21 22:08	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			03/26/21 22:08	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			03/26/21 22:08	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			03/26/21 22:08	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			03/26/21 22:08	1
2-Hexanone	ND		6.0	4.3	ug/L			03/26/21 22:08	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			03/26/21 22:08	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			03/26/21 22:08	1
Acetone	40		8.0	4.0	ug/L			03/26/21 22:08	1
Benzene	ND		0.50	0.27	ug/L			03/26/21 22:08	1
Bromobenzene	ND		0.50	0.26	ug/L			03/26/21 22:08	1
Bromoform	ND		0.50	0.39	ug/L			03/26/21 22:08	1
Bromomethane	ND		1.0	0.93	ug/L			03/26/21 22:08	1
Carbon disulfide	ND		1.0	0.24	ug/L			03/26/21 22:08	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			03/26/21 22:08	1
Chlorobenzene	ND		0.50	0.24	ug/L			03/26/21 22:08	1
Bromochloromethane	ND		1.0	0.35	ug/L			03/26/21 22:08	1
Chloroethane	ND		0.50	0.44	ug/L			03/26/21 22:08	1
Chloroform	1.5		0.50	0.28	ug/L			03/26/21 22:08	1
Chloromethane	ND		1.0	0.29	ug/L			03/26/21 22:08	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			03/26/21 22:08	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			03/26/21 22:08	1
Dibromochloromethane	ND		0.50	0.27	ug/L			03/26/21 22:08	1
Dibromomethane	ND		0.50	0.23	ug/L			03/26/21 22:08	1
Bromodichloromethane	ND		0.50	0.22	ug/L			03/26/21 22:08	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/26/21 22:08	1
Ethylbenzene	ND		0.50	0.36	ug/L			03/26/21 22:08	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			03/26/21 22:08	1
Isopropylbenzene	ND		0.50	0.38	ug/L			03/26/21 22:08	1
m,p-Xylene	ND		1.0	0.78	ug/L			03/26/21 22:08	1
Methylene Chloride	ND		1.0	0.48	ug/L			03/26/21 22:08	1
Naphthalene	ND		1.0	0.32	ug/L			03/26/21 22:08	1
n-Butylbenzene	ND		0.50	0.29	ug/L			03/26/21 22:08	1
N-Propylbenzene	ND		0.50	0.39	ug/L			03/26/21 22:08	1
o-Xylene	ND		0.50	0.35	ug/L			03/26/21 22:08	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			03/26/21 22:08	1
Styrene	ND		0.50	0.28	ug/L			03/26/21 22:08	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			03/26/21 22:08	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			03/26/21 22:08	1
Toluene	ND		0.50	0.33	ug/L			03/26/21 22:08	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			03/26/21 22:08	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/26/21 22:08	1
Trichloroethene	ND		0.50	0.29	ug/L			03/26/21 22:08	1
Trichlorofluoromethane	3.3		0.50	0.30	ug/L			03/26/21 22:08	1
Trichlorotrifluoroethane	ND	*1	0.50	0.25	ug/L			03/26/21 22:08	1

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: SVE-3-031621

Lab Sample ID: 440-280627-9

Date Collected: 03/16/21 09:57

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.50	0.40	ug/L			03/26/21 22:08	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			03/26/21 22:08	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			03/26/21 22:08	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			03/26/21 22:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		68 - 135					03/26/21 22:08	1
Dibromofluoromethane (Surr)	101		80 - 120					03/26/21 22:08	1
Toluene-d8 (Surr)	100		80 - 120					03/26/21 22:08	1
4-Bromofluorobenzene (Surr)	95		71 - 120					03/26/21 22:08	1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50	0.34	ug/L		03/19/21 08:09	03/23/21 10:35	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	64		15 - 150				03/19/21 08:09	03/23/21 10:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	92		46 - 128				03/19/21 08:09	03/23/21 10:35	1

Client Sample ID: SVE-4-031621

Lab Sample ID: 440-280627-10

Date Collected: 03/16/21 10:08

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		2.0	1.3	ug/L			03/25/21 15:52	4
1,1,1,2-Tetrachloroethane	ND		2.0	1.0	ug/L			03/25/21 15:52	4
1,1,1,1-Trichloroethane	ND		2.0	1.1	ug/L			03/25/21 15:52	4
1,1,1,2-Tetrachloroethane	ND		2.0	0.78	ug/L			03/25/21 15:52	4
1,1,2-Trichloroethane	ND		2.0	0.34	ug/L			03/25/21 15:52	4
1,1-Dichloroethane	ND		2.0	1.4	ug/L			03/25/21 15:52	4
1,1-Dichloroethene	ND		2.0	1.6	ug/L			03/25/21 15:52	4
1,1-Dichloropropene	ND		2.0	0.97	ug/L			03/25/21 15:52	4
1,2,3-Trichlorobenzene	ND		2.0	1.1	ug/L			03/25/21 15:52	4
1,2,4-Trichlorobenzene	ND		2.0	1.5	ug/L			03/25/21 15:52	4
1,2,4-Trimethylbenzene	ND		2.0	1.1	ug/L			03/25/21 15:52	4
1,2-Dibromo-3-Chloropropane	ND		4.0	2.6	ug/L			03/25/21 15:52	4
1,2-Dichlorobenzene	ND		2.0	0.92	ug/L			03/25/21 15:52	4
1,2-Dichloroethane	ND		2.0	0.60	ug/L			03/25/21 15:52	4
1,2-Dichloropropane	ND		2.0	0.96	ug/L			03/25/21 15:52	4
1,3,5-Trimethylbenzene	ND		2.0	1.1	ug/L			03/25/21 15:52	4
1,3-Dichlorobenzene	ND		2.0	1.0	ug/L			03/25/21 15:52	4
1,3-Dichloropropane	ND		2.0	0.82	ug/L			03/25/21 15:52	4
1,4-Dichlorobenzene	ND		2.0	0.90	ug/L			03/25/21 15:52	4
2,2-Dichloropropane	ND		2.0	1.6	ug/L			03/25/21 15:52	4
2-Chlorotoluene	ND		2.0	1.2	ug/L			03/25/21 15:52	4
2-Hexanone	ND		24	17	ug/L			03/25/21 15:52	4
4-Chlorotoluene	ND		2.0	1.3	ug/L			03/25/21 15:52	4
4-Isopropyltoluene	ND		2.0	1.1	ug/L			03/25/21 15:52	4

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: SVE-4-031621

Lab Sample ID: 440-280627-10

Date Collected: 03/16/21 10:08

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	25	J	32	16	ug/L			03/25/21 15:52	4
Benzene	ND		2.0	1.1	ug/L			03/25/21 15:52	4
Bromobenzene	ND		2.0	1.0	ug/L			03/25/21 15:52	4
Bromoform	ND		2.0	1.6	ug/L			03/25/21 15:52	4
Bromomethane	ND		4.0	3.7	ug/L			03/25/21 15:52	4
Carbon disulfide	ND		4.0	0.98	ug/L			03/25/21 15:52	4
Carbon tetrachloride	ND		2.0	1.1	ug/L			03/25/21 15:52	4
Chlorobenzene	ND		2.0	0.95	ug/L			03/25/21 15:52	4
Bromochloromethane	ND		4.0	1.4	ug/L			03/25/21 15:52	4
Chloroethane	ND		2.0	1.8	ug/L			03/25/21 15:52	4
Chloroform	ND		2.0	1.1	ug/L			03/25/21 15:52	4
Chloromethane	ND		4.0	1.2	ug/L			03/25/21 15:52	4
cis-1,2-Dichloroethene	ND		2.0	1.2	ug/L			03/25/21 15:52	4
cis-1,3-Dichloropropene	ND		2.0	0.77	ug/L			03/25/21 15:52	4
Dibromochloromethane	ND		2.0	1.1	ug/L			03/25/21 15:52	4
Dibromomethane	ND		2.0	0.92	ug/L			03/25/21 15:52	4
Bromodichloromethane	ND		2.0	0.89	ug/L			03/25/21 15:52	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			03/25/21 15:52	4
Ethylbenzene	ND		2.0	1.4	ug/L			03/25/21 15:52	4
Hexachlorobutadiene	ND		4.0	1.3	ug/L			03/25/21 15:52	4
Isopropylbenzene	ND		2.0	1.5	ug/L			03/25/21 15:52	4
m,p-Xylene	ND		4.0	3.1	ug/L			03/25/21 15:52	4
Methylene Chloride	ND		4.0	1.9	ug/L			03/25/21 15:52	4
Naphthalene	ND		4.0	1.3	ug/L			03/25/21 15:52	4
n-Butylbenzene	ND		2.0	1.2	ug/L			03/25/21 15:52	4
N-Propylbenzene	ND		2.0	1.6	ug/L			03/25/21 15:52	4
o-Xylene	ND		2.0	1.4	ug/L			03/25/21 15:52	4
sec-Butylbenzene	ND		2.0	1.4	ug/L			03/25/21 15:52	4
Styrene	ND		2.0	1.1	ug/L			03/25/21 15:52	4
tert-Butylbenzene	ND		2.0	1.4	ug/L			03/25/21 15:52	4
Tetrachloroethene (PCE)	ND		2.0	1.2	ug/L			03/25/21 15:52	4
Toluene	ND		2.0	1.3	ug/L			03/25/21 15:52	4
trans-1,2-Dichloroethene	ND		2.0	1.4	ug/L			03/25/21 15:52	4
trans-1,3-Dichloropropene	ND		2.0	0.69	ug/L			03/25/21 15:52	4
Trichloroethene	ND		2.0	1.2	ug/L			03/25/21 15:52	4
Trichlorofluoromethane	ND		2.0	1.2	ug/L			03/25/21 15:52	4
Trichlorotrifluoroethane	ND		2.0	1.0	ug/L			03/25/21 15:52	4
Vinyl chloride	ND		2.0	1.6	ug/L			03/25/21 15:52	4
1,2-Dibromoethane (EDB)	ND		2.0	0.55	ug/L			03/25/21 15:52	4
2-Butanone (MEK)	ND		20	12	ug/L			03/25/21 15:52	4
4-Methyl-2-pentanone (MIBK)	ND		20	9.0	ug/L			03/25/21 15:52	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		68 - 135		03/25/21 15:52	4
Dibromofluoromethane (Surr)	99		80 - 120		03/25/21 15:52	4
Toluene-d8 (Surr)	103		80 - 120		03/25/21 15:52	4
4-Bromofluorobenzene (Surr)	92		71 - 120		03/25/21 15:52	4

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: SVE-4-031621

Lab Sample ID: 440-280627-10

Date Collected: 03/16/21 10:08

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50	0.34	ug/L		03/19/21 08:09	03/23/21 10:50	1
Isotope Dilution									
	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	62		15 - 150				03/19/21 08:09	03/23/21 10:50	1
Surrogate									
	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	81		46 - 128				03/19/21 08:09	03/23/21 10:50	1

Client Sample ID: SVE-5-031621

Lab Sample ID: 440-280627-11

Date Collected: 03/16/21 10:35

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			03/25/21 16:22	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			03/25/21 16:22	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/25/21 16:22	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			03/25/21 16:22	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			03/25/21 16:22	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			03/25/21 16:22	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			03/25/21 16:22	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			03/25/21 16:22	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			03/25/21 16:22	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			03/25/21 16:22	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			03/25/21 16:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			03/25/21 16:22	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			03/25/21 16:22	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			03/25/21 16:22	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			03/25/21 16:22	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			03/25/21 16:22	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			03/25/21 16:22	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			03/25/21 16:22	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			03/25/21 16:22	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			03/25/21 16:22	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			03/25/21 16:22	1
2-Hexanone	ND		6.0	4.3	ug/L			03/25/21 16:22	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			03/25/21 16:22	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			03/25/21 16:22	1
Benzene	ND		0.50	0.27	ug/L			03/25/21 16:22	1
Bromobenzene	ND		0.50	0.26	ug/L			03/25/21 16:22	1
Bromoform	ND		0.50	0.39	ug/L			03/25/21 16:22	1
Bromomethane	ND		1.0	0.93	ug/L			03/25/21 16:22	1
Carbon disulfide	ND		1.0	0.24	ug/L			03/25/21 16:22	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			03/25/21 16:22	1
Chlorobenzene	ND		0.50	0.24	ug/L			03/25/21 16:22	1
Bromochloromethane	ND		1.0	0.35	ug/L			03/25/21 16:22	1
Chloroethane	ND		0.50	0.44	ug/L			03/25/21 16:22	1
Chloroform	1.0		0.50	0.28	ug/L			03/25/21 16:22	1
Chloromethane	ND		1.0	0.29	ug/L			03/25/21 16:22	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			03/25/21 16:22	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			03/25/21 16:22	1

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: SVE-5-031621

Lab Sample ID: 440-280627-11

Date Collected: 03/16/21 10:35

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	0.77		0.50	0.27	ug/L			03/25/21 16:22	1
Dibromomethane	ND		0.50	0.23	ug/L			03/25/21 16:22	1
Bromodichloromethane	0.70		0.50	0.22	ug/L			03/25/21 16:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/25/21 16:22	1
Ethylbenzene	ND		0.50	0.36	ug/L			03/25/21 16:22	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			03/25/21 16:22	1
Isopropylbenzene	ND		0.50	0.38	ug/L			03/25/21 16:22	1
m,p-Xylene	ND		1.0	0.78	ug/L			03/25/21 16:22	1
Methylene Chloride	ND		1.0	0.48	ug/L			03/25/21 16:22	1
Naphthalene	ND		1.0	0.32	ug/L			03/25/21 16:22	1
n-Butylbenzene	ND		0.50	0.29	ug/L			03/25/21 16:22	1
N-Propylbenzene	ND		0.50	0.39	ug/L			03/25/21 16:22	1
o-Xylene	ND		0.50	0.35	ug/L			03/25/21 16:22	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			03/25/21 16:22	1
Styrene	ND		0.50	0.28	ug/L			03/25/21 16:22	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			03/25/21 16:22	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			03/25/21 16:22	1
Toluene	ND		0.50	0.33	ug/L			03/25/21 16:22	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			03/25/21 16:22	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/25/21 16:22	1
Trichloroethene	ND		0.50	0.29	ug/L			03/25/21 16:22	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			03/25/21 16:22	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			03/25/21 16:22	1
Vinyl chloride	ND		0.50	0.40	ug/L			03/25/21 16:22	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			03/25/21 16:22	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			03/25/21 16:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			03/25/21 16:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		68 - 135		03/25/21 16:22	1
Dibromofluoromethane (Surr)	96		80 - 120		03/25/21 16:22	1
Toluene-d8 (Surr)	100		80 - 120		03/25/21 16:22	1
4-Bromofluorobenzene (Surr)	94		71 - 120		03/25/21 16:22	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	140		64	32	ug/L			03/26/21 22:35	8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		68 - 135		03/26/21 22:35	8
Dibromofluoromethane (Surr)	99		80 - 120		03/26/21 22:35	8
Toluene-d8 (Surr)	100		80 - 120		03/26/21 22:35	8
4-Bromofluorobenzene (Surr)	96		71 - 120		03/26/21 22:35	8

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50	0.34	ug/L		03/19/21 08:09	03/23/21 11:04	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	64		15 - 150	03/19/21 08:09	03/23/21 11:04	1

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: SVE-5-031621

Lab Sample ID: 440-280627-11

Date Collected: 03/16/21 10:35

Matrix: Water

Date Received: 03/16/21 16:51

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	81		46 - 128	03/19/21 08:09	03/23/21 11:04	1

Client Sample ID: SVE-6-031621

Lab Sample ID: 440-280627-12

Date Collected: 03/16/21 11:00

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		4.0	2.6	ug/L			03/25/21 16:52	8
1,1,1,2-Tetrachloroethane	ND		4.0	2.1	ug/L			03/25/21 16:52	8
1,1,1-Trichloroethane	ND		4.0	2.1	ug/L			03/25/21 16:52	8
1,1,2,2-Tetrachloroethane	ND		4.0	1.6	ug/L			03/25/21 16:52	8
1,1,2-Trichloroethane	ND		4.0	0.68	ug/L			03/25/21 16:52	8
1,1-Dichloroethane	ND		4.0	2.8	ug/L			03/25/21 16:52	8
1,1-Dichloroethene	ND		4.0	3.1	ug/L			03/25/21 16:52	8
1,1-Dichloropropene	ND		4.0	1.9	ug/L			03/25/21 16:52	8
1,2,3-Trichlorobenzene	ND		4.0	2.2	ug/L			03/25/21 16:52	8
1,2,4-Trichlorobenzene	ND		4.0	3.0	ug/L			03/25/21 16:52	8
1,2,4-Trimethylbenzene	ND		4.0	2.3	ug/L			03/25/21 16:52	8
1,2-Dibromo-3-Chloropropane	ND		8.0	5.1	ug/L			03/25/21 16:52	8
1,2-Dichlorobenzene	ND		4.0	1.8	ug/L			03/25/21 16:52	8
1,2-Dichloroethane	ND		4.0	1.2	ug/L			03/25/21 16:52	8
1,2-Dichloropropane	ND		4.0	1.9	ug/L			03/25/21 16:52	8
1,3,5-Trimethylbenzene	ND		4.0	2.3	ug/L			03/25/21 16:52	8
1,3-Dichlorobenzene	ND		4.0	2.1	ug/L			03/25/21 16:52	8
1,3-Dichloropropane	ND		4.0	1.6	ug/L			03/25/21 16:52	8
1,4-Dichlorobenzene	ND		4.0	1.8	ug/L			03/25/21 16:52	8
2,2-Dichloropropane	ND		4.0	3.2	ug/L			03/25/21 16:52	8
2-Chlorotoluene	ND		4.0	2.5	ug/L			03/25/21 16:52	8
2-Hexanone	ND		48	35	ug/L			03/25/21 16:52	8
4-Chlorotoluene	ND		4.0	2.7	ug/L			03/25/21 16:52	8
4-Isopropyltoluene	ND		4.0	2.2	ug/L			03/25/21 16:52	8
Acetone	110		64	32	ug/L			03/25/21 16:52	8
Benzene	ND		4.0	2.1	ug/L			03/25/21 16:52	8
Bromobenzene	ND		4.0	2.1	ug/L			03/25/21 16:52	8
Bromoform	ND		4.0	3.1	ug/L			03/25/21 16:52	8
Bromomethane	ND		8.0	7.5	ug/L			03/25/21 16:52	8
Carbon disulfide	ND		8.0	2.0	ug/L			03/25/21 16:52	8
Carbon tetrachloride	ND		4.0	2.2	ug/L			03/25/21 16:52	8
Chlorobenzene	ND		4.0	1.9	ug/L			03/25/21 16:52	8
Bromochloromethane	ND		8.0	2.8	ug/L			03/25/21 16:52	8
Chloroethane	ND		4.0	3.5	ug/L			03/25/21 16:52	8
Chloroform	2.3	J	4.0	2.3	ug/L			03/25/21 16:52	8
Chloromethane	ND		8.0	2.4	ug/L			03/25/21 16:52	8
cis-1,2-Dichloroethene	ND		4.0	2.4	ug/L			03/25/21 16:52	8
cis-1,3-Dichloropropene	ND		4.0	1.5	ug/L			03/25/21 16:52	8
Dibromochloromethane	2.3	J	4.0	2.2	ug/L			03/25/21 16:52	8
Dibromomethane	ND		4.0	1.8	ug/L			03/25/21 16:52	8
Bromodichloromethane	2.1	J	4.0	1.8	ug/L			03/25/21 16:52	8
Dichlorodifluoromethane	ND		8.0	5.4	ug/L			03/25/21 16:52	8

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: SVE-6-031621

Lab Sample ID: 440-280627-12

Date Collected: 03/16/21 11:00

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		4.0	2.8	ug/L			03/25/21 16:52	8
Hexachlorobutadiene	ND		8.0	2.5	ug/L			03/25/21 16:52	8
Isopropylbenzene	ND		4.0	3.1	ug/L			03/25/21 16:52	8
m,p-Xylene	ND		8.0	6.3	ug/L			03/25/21 16:52	8
Methylene Chloride	ND		8.0	3.8	ug/L			03/25/21 16:52	8
Naphthalene	ND		8.0	2.5	ug/L			03/25/21 16:52	8
n-Butylbenzene	ND		4.0	2.3	ug/L			03/25/21 16:52	8
N-Propylbenzene	ND		4.0	3.1	ug/L			03/25/21 16:52	8
o-Xylene	ND		4.0	2.8	ug/L			03/25/21 16:52	8
sec-Butylbenzene	ND		4.0	2.7	ug/L			03/25/21 16:52	8
Styrene	ND		4.0	2.2	ug/L			03/25/21 16:52	8
tert-Butylbenzene	ND		4.0	2.7	ug/L			03/25/21 16:52	8
Tetrachloroethene (PCE)	ND		4.0	2.3	ug/L			03/25/21 16:52	8
Toluene	ND		4.0	2.6	ug/L			03/25/21 16:52	8
trans-1,2-Dichloroethene	ND		4.0	2.9	ug/L			03/25/21 16:52	8
trans-1,3-Dichloropropene	ND		4.0	1.4	ug/L			03/25/21 16:52	8
Trichloroethene	ND		4.0	2.3	ug/L			03/25/21 16:52	8
Trichlorofluoromethane	ND		4.0	2.4	ug/L			03/25/21 16:52	8
Trichlorotrifluoroethane	ND		4.0	2.0	ug/L			03/25/21 16:52	8
Vinyl chloride	ND		4.0	3.2	ug/L			03/25/21 16:52	8
1,2-Dibromoethane (EDB)	ND		4.0	1.1	ug/L			03/25/21 16:52	8
2-Butanone (MEK)	ND		40	24	ug/L			03/25/21 16:52	8
4-Methyl-2-pentanone (MIBK)	ND		40	18	ug/L			03/25/21 16:52	8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		68 - 135		03/25/21 16:52	8
Dibromofluoromethane (Surr)	98		80 - 120		03/25/21 16:52	8
Toluene-d8 (Surr)	103		80 - 120		03/25/21 16:52	8
4-Bromofluorobenzene (Surr)	97		71 - 120		03/25/21 16:52	8

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50	0.34	ug/L		03/19/21 08:09	03/23/21 11:19	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	60		15 - 150	03/19/21 08:09	03/23/21 11:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	94		46 - 128	03/19/21 08:09	03/23/21 11:19	1

Client Sample ID: SVE-7-031621

Lab Sample ID: 440-280627-13

Date Collected: 03/16/21 11:15

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			03/25/21 17:52	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			03/25/21 17:52	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/25/21 17:52	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			03/25/21 17:52	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			03/25/21 17:52	1

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: SVE-7-031621

Lab Sample ID: 440-280627-13

Date Collected: 03/16/21 11:15

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.35	ug/L			03/25/21 17:52	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			03/25/21 17:52	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			03/25/21 17:52	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			03/25/21 17:52	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			03/25/21 17:52	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			03/25/21 17:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			03/25/21 17:52	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			03/25/21 17:52	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			03/25/21 17:52	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			03/25/21 17:52	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			03/25/21 17:52	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			03/25/21 17:52	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			03/25/21 17:52	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			03/25/21 17:52	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			03/25/21 17:52	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			03/25/21 17:52	1
2-Hexanone	ND		6.0	4.3	ug/L			03/25/21 17:52	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			03/25/21 17:52	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			03/25/21 17:52	1
Acetone	93		8.0	4.0	ug/L			03/25/21 17:52	1
Benzene	ND		0.50	0.27	ug/L			03/25/21 17:52	1
Bromobenzene	ND		0.50	0.26	ug/L			03/25/21 17:52	1
Bromoform	2.0		0.50	0.39	ug/L			03/25/21 17:52	1
Bromomethane	ND		1.0	0.93	ug/L			03/25/21 17:52	1
Carbon disulfide	ND		1.0	0.24	ug/L			03/25/21 17:52	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			03/25/21 17:52	1
Chlorobenzene	ND		0.50	0.24	ug/L			03/25/21 17:52	1
Bromochloromethane	ND		1.0	0.35	ug/L			03/25/21 17:52	1
Chloroethane	ND		0.50	0.44	ug/L			03/25/21 17:52	1
Chloroform	4.4		0.50	0.28	ug/L			03/25/21 17:52	1
Chloromethane	ND		1.0	0.29	ug/L			03/25/21 17:52	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			03/25/21 17:52	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			03/25/21 17:52	1
Dibromochloromethane	6.0		0.50	0.27	ug/L			03/25/21 17:52	1
Dibromomethane	ND		0.50	0.23	ug/L			03/25/21 17:52	1
Bromodichloromethane	5.9		0.50	0.22	ug/L			03/25/21 17:52	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/25/21 17:52	1
Ethylbenzene	ND		0.50	0.36	ug/L			03/25/21 17:52	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			03/25/21 17:52	1
Isopropylbenzene	ND		0.50	0.38	ug/L			03/25/21 17:52	1
m,p-Xylene	ND		1.0	0.78	ug/L			03/25/21 17:52	1
Methylene Chloride	ND		1.0	0.48	ug/L			03/25/21 17:52	1
Naphthalene	ND		1.0	0.32	ug/L			03/25/21 17:52	1
n-Butylbenzene	ND		0.50	0.29	ug/L			03/25/21 17:52	1
N-Propylbenzene	ND		0.50	0.39	ug/L			03/25/21 17:52	1
o-Xylene	ND		0.50	0.35	ug/L			03/25/21 17:52	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			03/25/21 17:52	1
Styrene	ND		0.50	0.28	ug/L			03/25/21 17:52	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			03/25/21 17:52	1

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: SVE-7-031621

Lab Sample ID: 440-280627-13

Date Collected: 03/16/21 11:15

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			03/25/21 17:52	1
Toluene	ND		0.50	0.33	ug/L			03/25/21 17:52	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			03/25/21 17:52	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/25/21 17:52	1
Trichloroethene	ND		0.50	0.29	ug/L			03/25/21 17:52	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			03/25/21 17:52	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			03/25/21 17:52	1
Vinyl chloride	ND		0.50	0.40	ug/L			03/25/21 17:52	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			03/25/21 17:52	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			03/25/21 17:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			03/25/21 17:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		68 - 135					03/25/21 17:52	1
Dibromofluoromethane (Surr)	104		80 - 120					03/25/21 17:52	1
Toluene-d8 (Surr)	100		80 - 120					03/25/21 17:52	1
4-Bromofluorobenzene (Surr)	96		71 - 120					03/25/21 17:52	1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50	0.34	ug/L		03/19/21 08:09	03/23/21 11:34	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	73		15 - 150				03/19/21 08:09	03/23/21 11:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	94		46 - 128				03/19/21 08:09	03/23/21 11:34	1

Client Sample ID: SVE-8-031621

Lab Sample ID: 440-280627-14

Date Collected: 03/16/21 11:39

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			03/25/21 17:22	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			03/25/21 17:22	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/25/21 17:22	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			03/25/21 17:22	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			03/25/21 17:22	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			03/25/21 17:22	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			03/25/21 17:22	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			03/25/21 17:22	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			03/25/21 17:22	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			03/25/21 17:22	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			03/25/21 17:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			03/25/21 17:22	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			03/25/21 17:22	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			03/25/21 17:22	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			03/25/21 17:22	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			03/25/21 17:22	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			03/25/21 17:22	1

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: SVE-8-031621

Lab Sample ID: 440-280627-14

Date Collected: 03/16/21 11:39

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	ND		0.50	0.20	ug/L			03/25/21 17:22	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			03/25/21 17:22	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			03/25/21 17:22	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			03/25/21 17:22	1
2-Hexanone	ND		6.0	4.3	ug/L			03/25/21 17:22	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			03/25/21 17:22	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			03/25/21 17:22	1
Benzene	ND		0.50	0.27	ug/L			03/25/21 17:22	1
Bromobenzene	ND		0.50	0.26	ug/L			03/25/21 17:22	1
Bromoform	1.7		0.50	0.39	ug/L			03/25/21 17:22	1
Bromomethane	ND		1.0	0.93	ug/L			03/25/21 17:22	1
Carbon disulfide	ND		1.0	0.24	ug/L			03/25/21 17:22	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			03/25/21 17:22	1
Chlorobenzene	ND		0.50	0.24	ug/L			03/25/21 17:22	1
Bromochloromethane	ND		1.0	0.35	ug/L			03/25/21 17:22	1
Chloroethane	ND		0.50	0.44	ug/L			03/25/21 17:22	1
Chloroform	3.9		0.50	0.28	ug/L			03/25/21 17:22	1
Chloromethane	ND		1.0	0.29	ug/L			03/25/21 17:22	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			03/25/21 17:22	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			03/25/21 17:22	1
Dibromochloromethane	5.5		0.50	0.27	ug/L			03/25/21 17:22	1
Dibromomethane	ND		0.50	0.23	ug/L			03/25/21 17:22	1
Bromodichloromethane	5.3		0.50	0.22	ug/L			03/25/21 17:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/25/21 17:22	1
Ethylbenzene	ND		0.50	0.36	ug/L			03/25/21 17:22	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			03/25/21 17:22	1
Isopropylbenzene	ND		0.50	0.38	ug/L			03/25/21 17:22	1
m,p-Xylene	ND		1.0	0.78	ug/L			03/25/21 17:22	1
Methylene Chloride	ND		1.0	0.48	ug/L			03/25/21 17:22	1
Naphthalene	ND		1.0	0.32	ug/L			03/25/21 17:22	1
n-Butylbenzene	ND		0.50	0.29	ug/L			03/25/21 17:22	1
N-Propylbenzene	ND		0.50	0.39	ug/L			03/25/21 17:22	1
o-Xylene	ND		0.50	0.35	ug/L			03/25/21 17:22	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			03/25/21 17:22	1
Styrene	ND		0.50	0.28	ug/L			03/25/21 17:22	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			03/25/21 17:22	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			03/25/21 17:22	1
Toluene	ND		0.50	0.33	ug/L			03/25/21 17:22	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			03/25/21 17:22	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/25/21 17:22	1
Trichloroethene	ND		0.50	0.29	ug/L			03/25/21 17:22	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			03/25/21 17:22	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			03/25/21 17:22	1
Vinyl chloride	ND		0.50	0.40	ug/L			03/25/21 17:22	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			03/25/21 17:22	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			03/25/21 17:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			03/25/21 17:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		68 - 135		03/25/21 17:22	1

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: SVE-8-031621

Lab Sample ID: 440-280627-14

Date Collected: 03/16/21 11:39

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	101		80 - 120		03/25/21 17:22	1
Toluene-d8 (Surr)	103		80 - 120		03/25/21 17:22	1
4-Bromofluorobenzene (Surr)	94		71 - 120		03/25/21 17:22	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	200		64	32	ug/L			03/29/21 11:48	8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		68 - 135		03/29/21 11:48	8
Dibromofluoromethane (Surr)	99		80 - 120		03/29/21 11:48	8
Toluene-d8 (Surr)	100		80 - 120		03/29/21 11:48	8
4-Bromofluorobenzene (Surr)	93		71 - 120		03/29/21 11:48	8

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50	0.34	ug/L		03/19/21 08:09	03/23/21 11:49	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	65		15 - 150	03/19/21 08:09	03/23/21 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	89		46 - 128	03/19/21 08:09	03/23/21 11:49	1

Client Sample ID: SVE-9-031621

Lab Sample ID: 440-280627-15

Date Collected: 03/16/21 12:20

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		2.0	1.3	ug/L			03/25/21 18:21	4
1,1,1,2-Tetrachloroethane	ND		2.0	1.0	ug/L			03/25/21 18:21	4
1,1,1-Trichloroethane	ND		2.0	1.1	ug/L			03/25/21 18:21	4
1,1,2,2-Tetrachloroethane	ND		2.0	0.78	ug/L			03/25/21 18:21	4
1,1,2-Trichloroethane	ND		2.0	0.34	ug/L			03/25/21 18:21	4
1,1-Dichloroethane	ND		2.0	1.4	ug/L			03/25/21 18:21	4
1,1-Dichloroethene	ND		2.0	1.6	ug/L			03/25/21 18:21	4
1,1-Dichloropropene	ND		2.0	0.97	ug/L			03/25/21 18:21	4
1,2,3-Trichlorobenzene	ND		2.0	1.1	ug/L			03/25/21 18:21	4
1,2,4-Trichlorobenzene	ND		2.0	1.5	ug/L			03/25/21 18:21	4
1,2,4-Trimethylbenzene	ND		2.0	1.1	ug/L			03/25/21 18:21	4
1,2-Dibromo-3-Chloropropane	ND		4.0	2.6	ug/L			03/25/21 18:21	4
1,2-Dichlorobenzene	ND		2.0	0.92	ug/L			03/25/21 18:21	4
1,2-Dichloroethane	ND		2.0	0.60	ug/L			03/25/21 18:21	4
1,2-Dichloropropane	ND		2.0	0.96	ug/L			03/25/21 18:21	4
1,3,5-Trimethylbenzene	ND		2.0	1.1	ug/L			03/25/21 18:21	4
1,3-Dichlorobenzene	ND		2.0	1.0	ug/L			03/25/21 18:21	4
1,3-Dichloropropane	ND		2.0	0.82	ug/L			03/25/21 18:21	4
1,4-Dichlorobenzene	ND		2.0	0.90	ug/L			03/25/21 18:21	4
2,2-Dichloropropane	ND		2.0	1.6	ug/L			03/25/21 18:21	4
2-Chlorotoluene	ND		2.0	1.2	ug/L			03/25/21 18:21	4

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: SVE-9-031621

Lab Sample ID: 440-280627-15

Date Collected: 03/16/21 12:20

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	ND		24	17	ug/L			03/25/21 18:21	4
4-Chlorotoluene	ND		2.0	1.3	ug/L			03/25/21 18:21	4
4-Isopropyltoluene	ND		2.0	1.1	ug/L			03/25/21 18:21	4
Acetone	44		32	16	ug/L			03/25/21 18:21	4
Benzene	ND		2.0	1.1	ug/L			03/25/21 18:21	4
Bromobenzene	ND		2.0	1.0	ug/L			03/25/21 18:21	4
Bromoform	ND		2.0	1.6	ug/L			03/25/21 18:21	4
Bromomethane	ND		4.0	3.7	ug/L			03/25/21 18:21	4
Carbon disulfide	ND		4.0	0.98	ug/L			03/25/21 18:21	4
Carbon tetrachloride	ND		2.0	1.1	ug/L			03/25/21 18:21	4
Chlorobenzene	ND		2.0	0.95	ug/L			03/25/21 18:21	4
Bromochloromethane	ND		4.0	1.4	ug/L			03/25/21 18:21	4
Chloroethane	ND		2.0	1.8	ug/L			03/25/21 18:21	4
Chloroform	5.5		2.0	1.1	ug/L			03/25/21 18:21	4
Chloromethane	ND		4.0	1.2	ug/L			03/25/21 18:21	4
cis-1,2-Dichloroethene	ND		2.0	1.2	ug/L			03/25/21 18:21	4
cis-1,3-Dichloropropene	ND		2.0	0.77	ug/L			03/25/21 18:21	4
Dibromochloromethane	4.6		2.0	1.1	ug/L			03/25/21 18:21	4
Dibromomethane	ND		2.0	0.92	ug/L			03/25/21 18:21	4
Bromodichloromethane	5.4		2.0	0.89	ug/L			03/25/21 18:21	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			03/25/21 18:21	4
Ethylbenzene	ND		2.0	1.4	ug/L			03/25/21 18:21	4
Hexachlorobutadiene	ND		4.0	1.3	ug/L			03/25/21 18:21	4
Isopropylbenzene	ND		2.0	1.5	ug/L			03/25/21 18:21	4
m,p-Xylene	ND		4.0	3.1	ug/L			03/25/21 18:21	4
Methylene Chloride	ND		4.0	1.9	ug/L			03/25/21 18:21	4
Naphthalene	ND		4.0	1.3	ug/L			03/25/21 18:21	4
n-Butylbenzene	ND		2.0	1.2	ug/L			03/25/21 18:21	4
N-Propylbenzene	ND		2.0	1.6	ug/L			03/25/21 18:21	4
o-Xylene	ND		2.0	1.4	ug/L			03/25/21 18:21	4
sec-Butylbenzene	ND		2.0	1.4	ug/L			03/25/21 18:21	4
Styrene	ND		2.0	1.1	ug/L			03/25/21 18:21	4
tert-Butylbenzene	ND		2.0	1.4	ug/L			03/25/21 18:21	4
Tetrachloroethene (PCE)	ND		2.0	1.2	ug/L			03/25/21 18:21	4
Toluene	ND		2.0	1.3	ug/L			03/25/21 18:21	4
trans-1,2-Dichloroethene	ND		2.0	1.4	ug/L			03/25/21 18:21	4
trans-1,3-Dichloropropene	ND		2.0	0.69	ug/L			03/25/21 18:21	4
Trichloroethene	ND		2.0	1.2	ug/L			03/25/21 18:21	4
Trichlorofluoromethane	ND		2.0	1.2	ug/L			03/25/21 18:21	4
Trichlorotrifluoroethane	ND		2.0	1.0	ug/L			03/25/21 18:21	4
Vinyl chloride	ND		2.0	1.6	ug/L			03/25/21 18:21	4
1,2-Dibromoethane (EDB)	ND		2.0	0.55	ug/L			03/25/21 18:21	4
2-Butanone (MEK)	ND		20	12	ug/L			03/25/21 18:21	4
4-Methyl-2-pentanone (MIBK)	ND		20	9.0	ug/L			03/25/21 18:21	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		68 - 135		03/25/21 18:21	4
Dibromofluoromethane (Surr)	104		80 - 120		03/25/21 18:21	4
Toluene-d8 (Surr)	103		80 - 120		03/25/21 18:21	4
4-Bromofluorobenzene (Surr)	93		71 - 120		03/25/21 18:21	4

Eurofins Calscience Irvine

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: SVE-9-031621

Lab Sample ID: 440-280627-15

Date Collected: 03/16/21 12:20

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50	0.34	ug/L		03/19/21 08:09	03/23/21 12:04	1
Isotope Dilution									
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	63		15 - 150				03/19/21 08:09	03/23/21 12:04	1
Surrogate									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	90		46 - 128				03/19/21 08:09	03/23/21 12:04	1

Client Sample ID: SVE-10-031621

Lab Sample ID: 440-280627-16

Date Collected: 03/16/21 12:35

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			03/25/21 18:51	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			03/25/21 18:51	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/25/21 18:51	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			03/25/21 18:51	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			03/25/21 18:51	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			03/25/21 18:51	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			03/25/21 18:51	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			03/25/21 18:51	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			03/25/21 18:51	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			03/25/21 18:51	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			03/25/21 18:51	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			03/25/21 18:51	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			03/25/21 18:51	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			03/25/21 18:51	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			03/25/21 18:51	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			03/25/21 18:51	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			03/25/21 18:51	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			03/25/21 18:51	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			03/25/21 18:51	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			03/25/21 18:51	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			03/25/21 18:51	1
2-Hexanone	ND		6.0	4.3	ug/L			03/25/21 18:51	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			03/25/21 18:51	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			03/25/21 18:51	1
Acetone	94		8.0	4.0	ug/L			03/25/21 18:51	1
Benzene	ND		0.50	0.27	ug/L			03/25/21 18:51	1
Bromobenzene	ND		0.50	0.26	ug/L			03/25/21 18:51	1
Bromoform	ND		0.50	0.39	ug/L			03/25/21 18:51	1
Bromomethane	ND		1.0	0.93	ug/L			03/25/21 18:51	1
Carbon disulfide	ND		1.0	0.24	ug/L			03/25/21 18:51	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			03/25/21 18:51	1
Chlorobenzene	ND		0.50	0.24	ug/L			03/25/21 18:51	1
Bromochloromethane	ND		1.0	0.35	ug/L			03/25/21 18:51	1
Chloroethane	ND		0.50	0.44	ug/L			03/25/21 18:51	1
Chloroform	1.5		0.50	0.28	ug/L			03/25/21 18:51	1
Chloromethane	ND		1.0	0.29	ug/L			03/25/21 18:51	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			03/25/21 18:51	1

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: SVE-10-031621

Lab Sample ID: 440-280627-16

Date Collected: 03/16/21 12:35

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			03/25/21 18:51	1
Dibromochloromethane	0.98		0.50	0.27	ug/L			03/25/21 18:51	1
Dibromomethane	ND		0.50	0.23	ug/L			03/25/21 18:51	1
Bromodichloromethane	1.1		0.50	0.22	ug/L			03/25/21 18:51	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/25/21 18:51	1
Ethylbenzene	ND		0.50	0.36	ug/L			03/25/21 18:51	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			03/25/21 18:51	1
Isopropylbenzene	ND		0.50	0.38	ug/L			03/25/21 18:51	1
m,p-Xylene	ND		1.0	0.78	ug/L			03/25/21 18:51	1
Methylene Chloride	ND		1.0	0.48	ug/L			03/25/21 18:51	1
Naphthalene	ND		1.0	0.32	ug/L			03/25/21 18:51	1
n-Butylbenzene	ND		0.50	0.29	ug/L			03/25/21 18:51	1
N-Propylbenzene	ND		0.50	0.39	ug/L			03/25/21 18:51	1
o-Xylene	ND		0.50	0.35	ug/L			03/25/21 18:51	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			03/25/21 18:51	1
Styrene	ND		0.50	0.28	ug/L			03/25/21 18:51	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			03/25/21 18:51	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			03/25/21 18:51	1
Toluene	ND		0.50	0.33	ug/L			03/25/21 18:51	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			03/25/21 18:51	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/25/21 18:51	1
Trichloroethene	ND		0.50	0.29	ug/L			03/25/21 18:51	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			03/25/21 18:51	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			03/25/21 18:51	1
Vinyl chloride	ND		0.50	0.40	ug/L			03/25/21 18:51	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			03/25/21 18:51	1
2-Butanone (MEK)	5.5		5.0	3.0	ug/L			03/25/21 18:51	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			03/25/21 18:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		68 - 135		03/25/21 18:51	1
Dibromofluoromethane (Surr)	98		80 - 120		03/25/21 18:51	1
Toluene-d8 (Surr)	102		80 - 120		03/25/21 18:51	1
4-Bromofluorobenzene (Surr)	95		71 - 120		03/25/21 18:51	1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50	0.34	ug/L		03/19/21 08:09	03/23/21 12:19	1
Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1,4-Dioxane-d8	59		15 - 150	03/19/21 08:09	03/23/21 12:19	1			
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
Nitrobenzene-d5 (Surr)	92		46 - 128	03/19/21 08:09	03/23/21 12:19	1			

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: SVE-11-031621

Lab Sample ID: 440-280627-17

Date Collected: 03/16/21 13:00

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		1.0	0.64	ug/L			03/25/21 16:47	2
1,1,1,2-Tetrachloroethane	ND		1.0	0.51	ug/L			03/25/21 16:47	2
1,1,1-Trichloroethane	ND		1.0	0.53	ug/L			03/25/21 16:47	2
1,1,2,2-Tetrachloroethane	ND		1.0	0.39	ug/L			03/25/21 16:47	2
1,1,2-Trichloroethane	ND		1.0	0.17	ug/L			03/25/21 16:47	2
1,1-Dichloroethane	ND		1.0	0.71	ug/L			03/25/21 16:47	2
1,1-Dichloroethene	ND		1.0	0.78	ug/L			03/25/21 16:47	2
1,1-Dichloropropene	ND		1.0	0.48	ug/L			03/25/21 16:47	2
1,2,3-Trichlorobenzene	ND		1.0	0.55	ug/L			03/25/21 16:47	2
1,2,4-Trichlorobenzene	ND		1.0	0.75	ug/L			03/25/21 16:47	2
1,2,4-Trimethylbenzene	ND		1.0	0.57	ug/L			03/25/21 16:47	2
1,2-Dibromo-3-Chloropropane	ND		2.0	1.3	ug/L			03/25/21 16:47	2
1,2-Dichlorobenzene	ND		1.0	0.46	ug/L			03/25/21 16:47	2
1,2-Dichloroethane	ND		1.0	0.30	ug/L			03/25/21 16:47	2
1,2-Dichloropropane	ND		1.0	0.48	ug/L			03/25/21 16:47	2
1,3,5-Trimethylbenzene	ND		1.0	0.57	ug/L			03/25/21 16:47	2
1,3-Dichlorobenzene	ND		1.0	0.51	ug/L			03/25/21 16:47	2
1,3-Dichloropropane	ND		1.0	0.41	ug/L			03/25/21 16:47	2
1,4-Dichlorobenzene	ND		1.0	0.45	ug/L			03/25/21 16:47	2
2,2-Dichloropropane	ND		1.0	0.79	ug/L			03/25/21 16:47	2
2-Chlorotoluene	ND		1.0	0.62	ug/L			03/25/21 16:47	2
2-Hexanone	ND		12	8.6	ug/L			03/25/21 16:47	2
4-Chlorotoluene	ND		1.0	0.67	ug/L			03/25/21 16:47	2
4-Isopropyltoluene	ND		1.0	0.55	ug/L			03/25/21 16:47	2
Acetone	35		16	8.0	ug/L			03/25/21 16:47	2
Benzene	ND		1.0	0.53	ug/L			03/25/21 16:47	2
Bromobenzene	ND		1.0	0.52	ug/L			03/25/21 16:47	2
Bromoform	ND		1.0	0.78	ug/L			03/25/21 16:47	2
Bromomethane	ND		2.0	1.9	ug/L			03/25/21 16:47	2
Carbon disulfide	ND		2.0	0.49	ug/L			03/25/21 16:47	2
Carbon tetrachloride	ND		1.0	0.54	ug/L			03/25/21 16:47	2
Chlorobenzene	ND		1.0	0.48	ug/L			03/25/21 16:47	2
Bromochloromethane	ND		2.0	0.70	ug/L			03/25/21 16:47	2
Chloroethane	ND		1.0	0.88	ug/L			03/25/21 16:47	2
Chloroform	1.0		1.0	0.57	ug/L			03/25/21 16:47	2
Chloromethane	ND		2.0	0.59	ug/L			03/25/21 16:47	2
cis-1,2-Dichloroethene	ND		1.0	0.60	ug/L			03/25/21 16:47	2
cis-1,3-Dichloropropene	ND		1.0	0.38	ug/L			03/25/21 16:47	2
Dibromochloromethane	ND		1.0	0.54	ug/L			03/25/21 16:47	2
Dibromomethane	ND		1.0	0.46	ug/L			03/25/21 16:47	2
Bromodichloromethane	ND		1.0	0.45	ug/L			03/25/21 16:47	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			03/25/21 16:47	2
Ethylbenzene	ND		1.0	0.71	ug/L			03/25/21 16:47	2
Hexachlorobutadiene	ND		2.0	0.63	ug/L			03/25/21 16:47	2
Isopropylbenzene	ND		1.0	0.77	ug/L			03/25/21 16:47	2
m,p-Xylene	ND		2.0	1.6	ug/L			03/25/21 16:47	2
Methylene Chloride	ND		2.0	0.96	ug/L			03/25/21 16:47	2
Naphthalene	ND	*+	2.0	0.64	ug/L			03/25/21 16:47	2
n-Butylbenzene	ND		1.0	0.59	ug/L			03/25/21 16:47	2

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: SVE-11-031621

Lab Sample ID: 440-280627-17

Date Collected: 03/16/21 13:00

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.0	0.78	ug/L			03/25/21 16:47	2
o-Xylene	ND		1.0	0.70	ug/L			03/25/21 16:47	2
sec-Butylbenzene	ND		1.0	0.68	ug/L			03/25/21 16:47	2
Styrene	ND		1.0	0.55	ug/L			03/25/21 16:47	2
tert-Butylbenzene	ND		1.0	0.68	ug/L			03/25/21 16:47	2
Tetrachloroethene (PCE)	ND		1.0	0.58	ug/L			03/25/21 16:47	2
Toluene	ND		1.0	0.66	ug/L			03/25/21 16:47	2
trans-1,2-Dichloroethene	ND		1.0	0.72	ug/L			03/25/21 16:47	2
trans-1,3-Dichloropropene	ND		1.0	0.35	ug/L			03/25/21 16:47	2
Trichloroethene	ND		1.0	0.58	ug/L			03/25/21 16:47	2
Trichlorofluoromethane	ND		1.0	0.59	ug/L			03/25/21 16:47	2
Trichlorotrifluoroethane	ND		1.0	0.50	ug/L			03/25/21 16:47	2
Vinyl chloride	ND		1.0	0.80	ug/L			03/25/21 16:47	2
1,2-Dibromoethane (EDB)	ND		1.0	0.27	ug/L			03/25/21 16:47	2
2-Butanone (MEK)	ND		10	6.1	ug/L			03/25/21 16:47	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.5	ug/L			03/25/21 16:47	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		68 - 135					03/25/21 16:47	2
Dibromofluoromethane (Surr)	96		80 - 120					03/25/21 16:47	2
Toluene-d8 (Surr)	100		80 - 120					03/25/21 16:47	2
4-Bromofluorobenzene (Surr)	95		71 - 120					03/25/21 16:47	2

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50	0.34	ug/L		03/19/21 08:09	03/23/21 12:34	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	56		15 - 150				03/19/21 08:09	03/23/21 12:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	85		46 - 128				03/19/21 08:09	03/23/21 12:34	1

Client Sample ID: SVE-12-031621

Lab Sample ID: 440-280627-18

Date Collected: 03/16/21 13:13

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		2.0	1.3	ug/L			03/25/21 17:17	4
1,1,1,2-Tetrachloroethane	ND		2.0	1.0	ug/L			03/25/21 17:17	4
1,1,1-Trichloroethane	ND		2.0	1.1	ug/L			03/25/21 17:17	4
1,1,2,2-Tetrachloroethane	ND		2.0	0.78	ug/L			03/25/21 17:17	4
1,1,2-Trichloroethane	ND		2.0	0.34	ug/L			03/25/21 17:17	4
1,1-Dichloroethane	ND		2.0	1.4	ug/L			03/25/21 17:17	4
1,1-Dichloroethene	ND		2.0	1.6	ug/L			03/25/21 17:17	4
1,1-Dichloropropene	ND		2.0	0.97	ug/L			03/25/21 17:17	4
1,2,3-Trichlorobenzene	ND		2.0	1.1	ug/L			03/25/21 17:17	4
1,2,4-Trichlorobenzene	ND		2.0	1.5	ug/L			03/25/21 17:17	4
1,2,4-Trimethylbenzene	ND		2.0	1.1	ug/L			03/25/21 17:17	4
1,2-Dibromo-3-Chloropropane	ND		4.0	2.6	ug/L			03/25/21 17:17	4

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: SVE-12-031621

Lab Sample ID: 440-280627-18

Date Collected: 03/16/21 13:13

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		2.0	0.92	ug/L			03/25/21 17:17	4
1,2-Dichloroethane	ND		2.0	0.60	ug/L			03/25/21 17:17	4
1,2-Dichloropropane	ND		2.0	0.96	ug/L			03/25/21 17:17	4
1,3,5-Trimethylbenzene	ND		2.0	1.1	ug/L			03/25/21 17:17	4
1,3-Dichlorobenzene	ND		2.0	1.0	ug/L			03/25/21 17:17	4
1,3-Dichloropropane	ND		2.0	0.82	ug/L			03/25/21 17:17	4
1,4-Dichlorobenzene	ND		2.0	0.90	ug/L			03/25/21 17:17	4
2,2-Dichloropropane	ND		2.0	1.6	ug/L			03/25/21 17:17	4
2-Chlorotoluene	ND		2.0	1.2	ug/L			03/25/21 17:17	4
2-Hexanone	ND		24	17	ug/L			03/25/21 17:17	4
4-Chlorotoluene	ND		2.0	1.3	ug/L			03/25/21 17:17	4
4-Isopropyltoluene	ND		2.0	1.1	ug/L			03/25/21 17:17	4
Acetone	38		32	16	ug/L			03/25/21 17:17	4
Benzene	ND		2.0	1.1	ug/L			03/25/21 17:17	4
Bromobenzene	ND		2.0	1.0	ug/L			03/25/21 17:17	4
Bromoform	ND		2.0	1.6	ug/L			03/25/21 17:17	4
Bromomethane	ND		4.0	3.7	ug/L			03/25/21 17:17	4
Carbon disulfide	ND		4.0	0.98	ug/L			03/25/21 17:17	4
Carbon tetrachloride	ND		2.0	1.1	ug/L			03/25/21 17:17	4
Chlorobenzene	ND		2.0	0.95	ug/L			03/25/21 17:17	4
Bromochloromethane	ND		4.0	1.4	ug/L			03/25/21 17:17	4
Chloroethane	ND		2.0	1.8	ug/L			03/25/21 17:17	4
Chloroform	2.9		2.0	1.1	ug/L			03/25/21 17:17	4
Chloromethane	ND		4.0	1.2	ug/L			03/25/21 17:17	4
cis-1,2-Dichloroethene	ND		2.0	1.2	ug/L			03/25/21 17:17	4
cis-1,3-Dichloropropene	ND		2.0	0.77	ug/L			03/25/21 17:17	4
Dibromochloromethane	4.4		2.0	1.1	ug/L			03/25/21 17:17	4
Dibromomethane	ND		2.0	0.92	ug/L			03/25/21 17:17	4
Bromodichloromethane	4.0		2.0	0.89	ug/L			03/25/21 17:17	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			03/25/21 17:17	4
Ethylbenzene	ND		2.0	1.4	ug/L			03/25/21 17:17	4
Hexachlorobutadiene	ND		4.0	1.3	ug/L			03/25/21 17:17	4
Isopropylbenzene	ND		2.0	1.5	ug/L			03/25/21 17:17	4
m,p-Xylene	ND		4.0	3.1	ug/L			03/25/21 17:17	4
Methylene Chloride	ND		4.0	1.9	ug/L			03/25/21 17:17	4
Naphthalene	ND	*+	4.0	1.3	ug/L			03/25/21 17:17	4
n-Butylbenzene	ND		2.0	1.2	ug/L			03/25/21 17:17	4
N-Propylbenzene	ND		2.0	1.6	ug/L			03/25/21 17:17	4
o-Xylene	ND		2.0	1.4	ug/L			03/25/21 17:17	4
sec-Butylbenzene	ND		2.0	1.4	ug/L			03/25/21 17:17	4
Styrene	ND		2.0	1.1	ug/L			03/25/21 17:17	4
tert-Butylbenzene	ND		2.0	1.4	ug/L			03/25/21 17:17	4
Tetrachloroethene (PCE)	ND		2.0	1.2	ug/L			03/25/21 17:17	4
Toluene	ND		2.0	1.3	ug/L			03/25/21 17:17	4
trans-1,2-Dichloroethene	ND		2.0	1.4	ug/L			03/25/21 17:17	4
trans-1,3-Dichloropropene	ND		2.0	0.69	ug/L			03/25/21 17:17	4
Trichloroethene	ND		2.0	1.2	ug/L			03/25/21 17:17	4
Trichlorofluoromethane	ND		2.0	1.2	ug/L			03/25/21 17:17	4
Trichlorotrifluoroethane	ND		2.0	1.0	ug/L			03/25/21 17:17	4

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: SVE-12-031621

Lab Sample ID: 440-280627-18

Date Collected: 03/16/21 13:13

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		2.0	1.6	ug/L			03/25/21 17:17	4
1,2-Dibromoethane (EDB)	ND		2.0	0.55	ug/L			03/25/21 17:17	4
2-Butanone (MEK)	ND		20	12	ug/L			03/25/21 17:17	4
4-Methyl-2-pentanone (MIBK)	ND		20	9.0	ug/L			03/25/21 17:17	4
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		68 - 135					03/25/21 17:17	4
Dibromofluoromethane (Surr)	95		80 - 120					03/25/21 17:17	4
Toluene-d8 (Surr)	106		80 - 120					03/25/21 17:17	4
4-Bromofluorobenzene (Surr)	95		71 - 120					03/25/21 17:17	4

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50	0.34	ug/L		03/19/21 08:09	03/23/21 12:49	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	60		15 - 150				03/19/21 08:09	03/23/21 12:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	87		46 - 128				03/19/21 08:09	03/23/21 12:49	1

Client Sample ID: SVE-13-031621

Lab Sample ID: 440-280627-19

Date Collected: 03/16/21 13:41

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			03/25/21 17:47	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			03/25/21 17:47	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/25/21 17:47	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			03/25/21 17:47	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			03/25/21 17:47	1
1,1-Dichloroethane	0.49	J	0.50	0.35	ug/L			03/25/21 17:47	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			03/25/21 17:47	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			03/25/21 17:47	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			03/25/21 17:47	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			03/25/21 17:47	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			03/25/21 17:47	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			03/25/21 17:47	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			03/25/21 17:47	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			03/25/21 17:47	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			03/25/21 17:47	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			03/25/21 17:47	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			03/25/21 17:47	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			03/25/21 17:47	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			03/25/21 17:47	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			03/25/21 17:47	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			03/25/21 17:47	1
2-Hexanone	ND		6.0	4.3	ug/L			03/25/21 17:47	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			03/25/21 17:47	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			03/25/21 17:47	1

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: SVE-13-031621

Lab Sample ID: 440-280627-19

Date Collected: 03/16/21 13:41

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	37		8.0	4.0	ug/L			03/25/21 17:47	1
Benzene	ND		0.50	0.27	ug/L			03/25/21 17:47	1
Bromobenzene	ND		0.50	0.26	ug/L			03/25/21 17:47	1
Bromoform	1.1		0.50	0.39	ug/L			03/25/21 17:47	1
Bromomethane	ND		1.0	0.93	ug/L			03/25/21 17:47	1
Carbon disulfide	ND		1.0	0.24	ug/L			03/25/21 17:47	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			03/25/21 17:47	1
Chlorobenzene	ND		0.50	0.24	ug/L			03/25/21 17:47	1
Bromochloromethane	ND		1.0	0.35	ug/L			03/25/21 17:47	1
Chloroethane	ND		0.50	0.44	ug/L			03/25/21 17:47	1
Chloroform	2.6		0.50	0.28	ug/L			03/25/21 17:47	1
Chloromethane	ND		1.0	0.29	ug/L			03/25/21 17:47	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			03/25/21 17:47	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			03/25/21 17:47	1
Dibromochloromethane	3.2		0.50	0.27	ug/L			03/25/21 17:47	1
Dibromomethane	ND		0.50	0.23	ug/L			03/25/21 17:47	1
Bromodichloromethane	2.7		0.50	0.22	ug/L			03/25/21 17:47	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/25/21 17:47	1
Ethylbenzene	ND		0.50	0.36	ug/L			03/25/21 17:47	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			03/25/21 17:47	1
Isopropylbenzene	ND		0.50	0.38	ug/L			03/25/21 17:47	1
m,p-Xylene	ND		1.0	0.78	ug/L			03/25/21 17:47	1
Methylene Chloride	ND		1.0	0.48	ug/L			03/25/21 17:47	1
Naphthalene	ND	*+	1.0	0.32	ug/L			03/25/21 17:47	1
n-Butylbenzene	ND		0.50	0.29	ug/L			03/25/21 17:47	1
N-Propylbenzene	ND		0.50	0.39	ug/L			03/25/21 17:47	1
o-Xylene	ND		0.50	0.35	ug/L			03/25/21 17:47	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			03/25/21 17:47	1
Styrene	ND		0.50	0.28	ug/L			03/25/21 17:47	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			03/25/21 17:47	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			03/25/21 17:47	1
Toluene	ND		0.50	0.33	ug/L			03/25/21 17:47	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			03/25/21 17:47	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/25/21 17:47	1
Trichloroethene	ND		0.50	0.29	ug/L			03/25/21 17:47	1
Trichlorofluoromethane	1.7		0.50	0.30	ug/L			03/25/21 17:47	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			03/25/21 17:47	1
Vinyl chloride	ND		0.50	0.40	ug/L			03/25/21 17:47	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			03/25/21 17:47	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			03/25/21 17:47	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			03/25/21 17:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		68 - 135		03/25/21 17:47	1
Dibromofluoromethane (Surr)	97		80 - 120		03/25/21 17:47	1
Toluene-d8 (Surr)	103		80 - 120		03/25/21 17:47	1
4-Bromofluorobenzene (Surr)	96		71 - 120		03/25/21 17:47	1

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: SVE-13-031621

Lab Sample ID: 440-280627-19

Date Collected: 03/16/21 13:41

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.3		0.50	0.34	ug/L		03/19/21 08:09	03/23/21 13:35	1
<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>1,4-Dioxane-d8</i>	65		15 - 150				03/19/21 08:09	03/23/21 13:35	1
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Nitrobenzene-d5 (Surr)</i>	98		46 - 128				03/19/21 08:09	03/23/21 13:35	1

Client Sample ID: SVE-14-031621

Lab Sample ID: 440-280627-20

Date Collected: 03/16/21 14:00

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			03/25/21 18:17	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			03/25/21 18:17	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/25/21 18:17	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			03/25/21 18:17	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			03/25/21 18:17	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			03/25/21 18:17	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			03/25/21 18:17	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			03/25/21 18:17	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			03/25/21 18:17	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			03/25/21 18:17	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			03/25/21 18:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			03/25/21 18:17	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			03/25/21 18:17	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			03/25/21 18:17	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			03/25/21 18:17	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			03/25/21 18:17	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			03/25/21 18:17	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			03/25/21 18:17	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			03/25/21 18:17	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			03/25/21 18:17	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			03/25/21 18:17	1
2-Hexanone	ND		6.0	4.3	ug/L			03/25/21 18:17	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			03/25/21 18:17	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			03/25/21 18:17	1
Acetone	67		8.0	4.0	ug/L			03/25/21 18:17	1
Benzene	ND		0.50	0.27	ug/L			03/25/21 18:17	1
Bromobenzene	ND		0.50	0.26	ug/L			03/25/21 18:17	1
Bromoform	0.53		0.50	0.39	ug/L			03/25/21 18:17	1
Bromomethane	ND		1.0	0.93	ug/L			03/25/21 18:17	1
Carbon disulfide	ND		1.0	0.24	ug/L			03/25/21 18:17	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			03/25/21 18:17	1
Chlorobenzene	ND		0.50	0.24	ug/L			03/25/21 18:17	1
Bromochloromethane	ND		1.0	0.35	ug/L			03/25/21 18:17	1
Chloroethane	ND		0.50	0.44	ug/L			03/25/21 18:17	1
Chloroform	1.1		0.50	0.28	ug/L			03/25/21 18:17	1
Chloromethane	ND		1.0	0.29	ug/L			03/25/21 18:17	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			03/25/21 18:17	1

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: SVE-14-031621

Lab Sample ID: 440-280627-20

Date Collected: 03/16/21 14:00

Matrix: Water

Date Received: 03/16/21 16:51

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			03/25/21 18:17	1
Dibromochloromethane	1.4		0.50	0.27	ug/L			03/25/21 18:17	1
Dibromomethane	ND		0.50	0.23	ug/L			03/25/21 18:17	1
Bromodichloromethane	1.1		0.50	0.22	ug/L			03/25/21 18:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/25/21 18:17	1
Ethylbenzene	ND		0.50	0.36	ug/L			03/25/21 18:17	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			03/25/21 18:17	1
Isopropylbenzene	ND		0.50	0.38	ug/L			03/25/21 18:17	1
m,p-Xylene	ND		1.0	0.78	ug/L			03/25/21 18:17	1
Methylene Chloride	ND		1.0	0.48	ug/L			03/25/21 18:17	1
Naphthalene	ND	*+	1.0	0.32	ug/L			03/25/21 18:17	1
n-Butylbenzene	ND		0.50	0.29	ug/L			03/25/21 18:17	1
N-Propylbenzene	ND		0.50	0.39	ug/L			03/25/21 18:17	1
o-Xylene	ND		0.50	0.35	ug/L			03/25/21 18:17	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			03/25/21 18:17	1
Styrene	ND		0.50	0.28	ug/L			03/25/21 18:17	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			03/25/21 18:17	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			03/25/21 18:17	1
Toluene	ND		0.50	0.33	ug/L			03/25/21 18:17	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			03/25/21 18:17	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/25/21 18:17	1
Trichloroethene	ND		0.50	0.29	ug/L			03/25/21 18:17	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			03/25/21 18:17	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			03/25/21 18:17	1
Vinyl chloride	ND		0.50	0.40	ug/L			03/25/21 18:17	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			03/25/21 18:17	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			03/25/21 18:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			03/25/21 18:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		68 - 135		03/25/21 18:17	1
Dibromofluoromethane (Surr)	92		80 - 120		03/25/21 18:17	1
Toluene-d8 (Surr)	103		80 - 120		03/25/21 18:17	1
4-Bromofluorobenzene (Surr)	97		71 - 120		03/25/21 18:17	1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50	0.34	ug/L		03/19/21 08:09	03/23/21 13:50	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	73		15 - 150	03/19/21 08:09	03/23/21 13:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	91		46 - 128	03/19/21 08:09	03/23/21 13:50	1

Method Summary

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8270C SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	ECL 1
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	ECL 1
5030C	Purge and Trap	SW846	ECL 2

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494



Lab Chronicle

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: TB-031621

Lab Sample ID: 440-280627-1

Date Collected: 03/16/21 06:00

Matrix: Water

Date Received: 03/16/21 16:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	138507	03/25/21 11:24	N1A	ECL 2

Client Sample ID: MW-8-031621

Lab Sample ID: 440-280627-2

Date Collected: 03/16/21 07:37

Matrix: Water

Date Received: 03/16/21 16:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	138507	03/25/21 11:54	N1A	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137106	03/19/21 08:09	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137763	03/23/21 14:05	ULLI	ECL 1

Client Sample ID: GECC-401-031621

Lab Sample ID: 440-280627-3

Date Collected: 03/16/21 07:29

Matrix: Water

Date Received: 03/16/21 16:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	138507	03/25/21 12:24	N1A	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137106	03/19/21 08:09	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137752	03/23/21 09:05	ULLI	ECL 1

Client Sample ID: MW-1-031621

Lab Sample ID: 440-280627-4

Date Collected: 03/16/21 08:07

Matrix: Water

Date Received: 03/16/21 16:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	139029	03/26/21 20:48	N1A	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137106	03/19/21 08:09	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137752	03/23/21 09:20	ULLI	ECL 1

Client Sample ID: MW-3-031621

Lab Sample ID: 440-280627-5

Date Collected: 03/16/21 08:30

Matrix: Water

Date Received: 03/16/21 16:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	20 mL	20 mL	138507	03/25/21 13:24	N1A	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137106	03/19/21 08:09	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137752	03/23/21 09:35	ULLI	ECL 1

Client Sample ID: TW-3-031621

Lab Sample ID: 440-280627-6

Date Collected: 03/16/21 08:51

Matrix: Water

Date Received: 03/16/21 16:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	20 mL	20 mL	139029	03/26/21 21:15	N1A	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137106	03/19/21 08:09	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137752	03/23/21 09:50	ULLI	ECL 1

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Lab Chronicle

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: SVE-1-031621

Lab Sample ID: 440-280627-7

Date Collected: 03/16/21 09:15

Matrix: Water

Date Received: 03/16/21 16:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		8	20 mL	20 mL	138507	03/25/21 14:23	N1A	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137106	03/19/21 08:09	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137752	03/23/21 10:05	ULLI	ECL 1

Client Sample ID: SVE-2-031621

Lab Sample ID: 440-280627-8

Date Collected: 03/16/21 09:33

Matrix: Water

Date Received: 03/16/21 16:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	20 mL	20 mL	139029	03/26/21 21:42	N1A	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137106	03/19/21 08:09	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137752	03/23/21 10:20	ULLI	ECL 1

Client Sample ID: SVE-3-031621

Lab Sample ID: 440-280627-9

Date Collected: 03/16/21 09:57

Matrix: Water

Date Received: 03/16/21 16:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	139029	03/26/21 22:08	N1A	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137106	03/19/21 08:09	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137752	03/23/21 10:35	ULLI	ECL 1

Client Sample ID: SVE-4-031621

Lab Sample ID: 440-280627-10

Date Collected: 03/16/21 10:08

Matrix: Water

Date Received: 03/16/21 16:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	20 mL	20 mL	138507	03/25/21 15:52	N1A	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137106	03/19/21 08:09	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137752	03/23/21 10:50	ULLI	ECL 1

Client Sample ID: SVE-5-031621

Lab Sample ID: 440-280627-11

Date Collected: 03/16/21 10:35

Matrix: Water

Date Received: 03/16/21 16:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	138507	03/25/21 16:22	N1A	ECL 2
Total/NA	Analysis	8260B	DL	8	20 mL	20 mL	139029	03/26/21 22:35	N1A	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137106	03/19/21 08:09	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137752	03/23/21 11:04	ULLI	ECL 1

Lab Chronicle

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: SVE-6-031621

Lab Sample ID: 440-280627-12

Date Collected: 03/16/21 11:00

Matrix: Water

Date Received: 03/16/21 16:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		8	20 mL	20 mL	138507	03/25/21 16:52	N1A	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137106	03/19/21 08:09	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137752	03/23/21 11:19	ULLI	ECL 1

Client Sample ID: SVE-7-031621

Lab Sample ID: 440-280627-13

Date Collected: 03/16/21 11:15

Matrix: Water

Date Received: 03/16/21 16:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	138507	03/25/21 17:52	N1A	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137106	03/19/21 08:09	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137752	03/23/21 11:34	ULLI	ECL 1

Client Sample ID: SVE-8-031621

Lab Sample ID: 440-280627-14

Date Collected: 03/16/21 11:39

Matrix: Water

Date Received: 03/16/21 16:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	138507	03/25/21 17:22	N1A	ECL 2
Total/NA	Analysis	8260B	DL	8	20 mL	20 mL	139233	03/29/21 11:48	Q8PV	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137106	03/19/21 08:09	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137752	03/23/21 11:49	ULLI	ECL 1

Client Sample ID: SVE-9-031621

Lab Sample ID: 440-280627-15

Date Collected: 03/16/21 12:20

Matrix: Water

Date Received: 03/16/21 16:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	20 mL	20 mL	138507	03/25/21 18:21	N1A	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137106	03/19/21 08:09	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137752	03/23/21 12:04	ULLI	ECL 1

Client Sample ID: SVE-10-031621

Lab Sample ID: 440-280627-16

Date Collected: 03/16/21 12:35

Matrix: Water

Date Received: 03/16/21 16:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	138507	03/25/21 18:51	N1A	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137106	03/19/21 08:09	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137752	03/23/21 12:19	ULLI	ECL 1

Lab Chronicle

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Client Sample ID: SVE-11-031621

Lab Sample ID: 440-280627-17

Date Collected: 03/16/21 13:00

Matrix: Water

Date Received: 03/16/21 16:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	20 mL	20 mL	138511	03/25/21 16:47	N1A	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137106	03/19/21 08:09	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137752	03/23/21 12:34	ULLI	ECL 1

Client Sample ID: SVE-12-031621

Lab Sample ID: 440-280627-18

Date Collected: 03/16/21 13:13

Matrix: Water

Date Received: 03/16/21 16:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	20 mL	20 mL	138511	03/25/21 17:17	N1A	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137106	03/19/21 08:09	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137752	03/23/21 12:49	ULLI	ECL 1

Client Sample ID: SVE-13-031621

Lab Sample ID: 440-280627-19

Date Collected: 03/16/21 13:41

Matrix: Water

Date Received: 03/16/21 16:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	138511	03/25/21 17:47	N1A	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137106	03/19/21 08:09	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137763	03/23/21 13:35	ULLI	ECL 1

Client Sample ID: SVE-14-031621

Lab Sample ID: 440-280627-20

Date Collected: 03/16/21 14:00

Matrix: Water

Date Received: 03/16/21 16:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	138511	03/25/21 18:17	N1A	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137106	03/19/21 08:09	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137763	03/23/21 13:50	ULLI	ECL 1

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-138507/7
Matrix: Water
Analysis Batch: 138507

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			03/25/21 10:55	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			03/25/21 10:55	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/25/21 10:55	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			03/25/21 10:55	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			03/25/21 10:55	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			03/25/21 10:55	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			03/25/21 10:55	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			03/25/21 10:55	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			03/25/21 10:55	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			03/25/21 10:55	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			03/25/21 10:55	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			03/25/21 10:55	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			03/25/21 10:55	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			03/25/21 10:55	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			03/25/21 10:55	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			03/25/21 10:55	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			03/25/21 10:55	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			03/25/21 10:55	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			03/25/21 10:55	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			03/25/21 10:55	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			03/25/21 10:55	1
2-Hexanone	ND		6.0	4.3	ug/L			03/25/21 10:55	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			03/25/21 10:55	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			03/25/21 10:55	1
Acetone	ND		8.0	4.0	ug/L			03/25/21 10:55	1
Benzene	ND		0.50	0.27	ug/L			03/25/21 10:55	1
Bromobenzene	ND		0.50	0.26	ug/L			03/25/21 10:55	1
Bromoform	ND		0.50	0.39	ug/L			03/25/21 10:55	1
Bromomethane	ND		1.0	0.93	ug/L			03/25/21 10:55	1
Carbon disulfide	ND		1.0	0.24	ug/L			03/25/21 10:55	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			03/25/21 10:55	1
Chlorobenzene	ND		0.50	0.24	ug/L			03/25/21 10:55	1
Bromochloromethane	ND		1.0	0.35	ug/L			03/25/21 10:55	1
Chloroethane	ND		0.50	0.44	ug/L			03/25/21 10:55	1
Chloroform	ND		0.50	0.28	ug/L			03/25/21 10:55	1
Chloromethane	ND		1.0	0.29	ug/L			03/25/21 10:55	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			03/25/21 10:55	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			03/25/21 10:55	1
Dibromochloromethane	ND		0.50	0.27	ug/L			03/25/21 10:55	1
Dibromomethane	ND		0.50	0.23	ug/L			03/25/21 10:55	1
Bromodichloromethane	ND		0.50	0.22	ug/L			03/25/21 10:55	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/25/21 10:55	1
Ethylbenzene	ND		0.50	0.36	ug/L			03/25/21 10:55	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			03/25/21 10:55	1
Isopropylbenzene	ND		0.50	0.38	ug/L			03/25/21 10:55	1
m,p-Xylene	ND		1.0	0.78	ug/L			03/25/21 10:55	1
Methylene Chloride	ND		1.0	0.48	ug/L			03/25/21 10:55	1
Naphthalene	ND		1.0	0.32	ug/L			03/25/21 10:55	1

QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-138507/7
Matrix: Water
Analysis Batch: 138507

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
n-Butylbenzene	ND		0.50	0.29	ug/L			03/25/21 10:55	1
N-Propylbenzene	ND		0.50	0.39	ug/L			03/25/21 10:55	1
o-Xylene	ND		0.50	0.35	ug/L			03/25/21 10:55	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			03/25/21 10:55	1
Styrene	ND		0.50	0.28	ug/L			03/25/21 10:55	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			03/25/21 10:55	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			03/25/21 10:55	1
Toluene	ND		0.50	0.33	ug/L			03/25/21 10:55	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			03/25/21 10:55	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/25/21 10:55	1
Trichloroethene	ND		0.50	0.29	ug/L			03/25/21 10:55	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			03/25/21 10:55	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			03/25/21 10:55	1
Vinyl chloride	ND		0.50	0.40	ug/L			03/25/21 10:55	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			03/25/21 10:55	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			03/25/21 10:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			03/25/21 10:55	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	101		68 - 135		03/25/21 10:55	1
Dibromofluoromethane (Surr)	95		80 - 120		03/25/21 10:55	1
Toluene-d8 (Surr)	104		80 - 120		03/25/21 10:55	1
4-Bromofluorobenzene (Surr)	94		71 - 120		03/25/21 10:55	1

Lab Sample ID: LCS 570-138507/4
Matrix: Water
Analysis Batch: 138507

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	10.0	11.4		ug/L		114	76 - 143
1,1,1-Trichloroethane	10.0	10.5		ug/L		105	75 - 128
1,1,2,2-Tetrachloroethane	10.0	9.23		ug/L		92	73 - 126
1,1,2-Trichloroethane	10.0	9.51		ug/L		95	80 - 120
1,1-Dichloroethane	10.0	9.07		ug/L		91	76 - 120
1,1-Dichloroethene	10.0	9.18		ug/L		92	72 - 120
1,1-Dichloropropene	10.0	9.47		ug/L		95	76 - 120
1,2,3-Trichlorobenzene	10.0	10.9		ug/L		109	80 - 125
1,2,4-Trichlorobenzene	10.0	10.8		ug/L		108	80 - 123
1,2,4-Trimethylbenzene	10.0	10.6		ug/L		106	78 - 125
1,2-Dibromo-3-Chloropropane	10.0	8.47		ug/L		85	77 - 120
1,2-Dichlorobenzene	10.0	10.2		ug/L		102	79 - 123
1,2-Dichloroethane	10.0	11.0		ug/L		110	71 - 137
1,2-Dichloropropane	10.0	9.57		ug/L		96	80 - 120
1,3,5-Trimethylbenzene	10.0	11.6		ug/L		116	77 - 133
1,3-Dichlorobenzene	10.0	10.4		ug/L		104	79 - 123
1,3-Dichloropropane	10.0	9.37		ug/L		94	80 - 123
1,4-Dichlorobenzene	10.0	9.61		ug/L		96	75 - 123

Eurofins Calscience Irvine

QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-138507/4

Matrix: Water

Analysis Batch: 138507

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,2-Dichloropropane	10.0	11.1		ug/L		111	78 - 133
2-Chlorotoluene	10.0	10.6		ug/L		106	80 - 120
2-Hexanone	10.0	10.4		ug/L		104	57 - 127
4-Chlorotoluene	10.0	10.1		ug/L		101	78 - 120
4-Isopropyltoluene	10.0	10.9		ug/L		109	77 - 127
Acetone	10.0	9.36		ug/L		94	57 - 133
Benzene	10.0	10.1		ug/L		101	80 - 120
Bromobenzene	10.0	11.0		ug/L		110	80 - 124
Bromoform	10.0	11.0		ug/L		110	46 - 178
Bromomethane	10.0	11.0		ug/L		110	52 - 162
Carbon disulfide	10.0	8.81		ug/L		88	66 - 125
Carbon tetrachloride	10.0	11.1		ug/L		111	69 - 145
Chlorobenzene	10.0	10.3		ug/L		103	80 - 120
Bromochloromethane	10.0	9.55		ug/L		96	76 - 125
Chloroethane	10.0	9.41		ug/L		94	73 - 139
Chloroform	10.0	9.95		ug/L		99	80 - 120
Chloromethane	10.0	7.17		ug/L		72	35 - 159
cis-1,2-Dichloroethene	10.0	9.53		ug/L		95	76 - 122
cis-1,3-Dichloropropene	10.0	10.1		ug/L		101	80 - 122
Dibromochloromethane	10.0	12.0		ug/L		120	63 - 151
Dibromomethane	10.0	9.93		ug/L		99	80 - 121
Bromodichloromethane	10.0	11.3		ug/L		113	77 - 141
Dichlorodifluoromethane	10.0	9.91		ug/L		99	59 - 139
Ethylbenzene	10.0	10.9		ug/L		109	80 - 120
Hexachlorobutadiene	10.0	11.7		ug/L		117	76 - 141
Isopropylbenzene	10.0	11.1		ug/L		111	80 - 124
m,p-Xylene	20.0	22.2		ug/L		111	80 - 122
Methylene Chloride	10.0	8.78		ug/L		88	70 - 120
Naphthalene	10.0	8.81		ug/L		88	75 - 120
n-Butylbenzene	10.0	11.1		ug/L		111	76 - 124
N-Propylbenzene	10.0	11.2		ug/L		112	80 - 122
o-Xylene	10.0	11.0		ug/L		110	80 - 122
sec-Butylbenzene	10.0	10.3		ug/L		103	75 - 123
Styrene	10.0	10.6		ug/L		106	80 - 121
tert-Butylbenzene	10.0	10.2		ug/L		102	72 - 128
Tetrachloroethene (PCE)	10.0	11.3		ug/L		113	80 - 128
Toluene	10.0	10.0		ug/L		100	80 - 120
trans-1,2-Dichloroethene	10.0	8.94		ug/L		89	67 - 123
trans-1,3-Dichloropropene	10.0	10.3		ug/L		103	78 - 140
Trichloroethene	10.0	10.6		ug/L		106	80 - 123
Trichlorofluoromethane	10.0	11.0		ug/L		110	64 - 168
Trichlorotrifluoroethane	10.0	8.82		ug/L		88	50 - 120
Vinyl chloride	10.0	9.29		ug/L		93	74 - 130
1,2-Dibromoethane (EDB)	10.0	9.91		ug/L		99	80 - 120
2-Butanone (MEK)	10.0	8.84		ug/L		88	32 - 133
4-Methyl-2-pentanone (MIBK)	10.0	7.84		ug/L		78	68 - 120

QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-138507/4
Matrix: Water
Analysis Batch: 138507

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		68 - 135
Dibromofluoromethane (Surr)	95		80 - 120
Toluene-d8 (Surr)	101		80 - 120
4-Bromofluorobenzene (Surr)	102		71 - 120

Lab Sample ID: LCSD 570-138507/5
Matrix: Water
Analysis Batch: 138507

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichloropropane	10.0	8.65		ug/L		86	66 - 131	9	20
1,1,1,2-Tetrachloroethane	10.0	10.9		ug/L		109	76 - 143	4	20
1,1,1-Trichloroethane	10.0	9.93		ug/L		99	75 - 128	6	20
1,1,2,2-Tetrachloroethane	10.0	8.97		ug/L		90	73 - 126	3	21
1,1,2-Trichloroethane	10.0	8.96		ug/L		90	80 - 120	6	20
1,1-Dichloroethane	10.0	8.39		ug/L		84	76 - 120	8	20
1,1-Dichloroethene	10.0	8.89		ug/L		89	72 - 120	3	20
1,1-Dichloropropene	10.0	9.17		ug/L		92	76 - 120	3	20
1,2,3-Trichlorobenzene	10.0	10.4		ug/L		104	80 - 125	5	22
1,2,4-Trichlorobenzene	10.0	10.6		ug/L		106	80 - 123	2	20
1,2,4-Trimethylbenzene	10.0	10.1		ug/L		101	78 - 125	5	22
1,2-Dibromo-3-Chloropropane	10.0	8.36		ug/L		84	77 - 120	1	21
1,2-Dichlorobenzene	10.0	9.75		ug/L		98	79 - 123	4	20
1,2-Dichloroethane	10.0	10.4		ug/L		104	71 - 137	5	20
1,2-Dichloropropane	10.0	9.05		ug/L		91	80 - 120	6	20
1,3,5-Trimethylbenzene	10.0	11.0		ug/L		110	77 - 133	5	20
1,3-Dichlorobenzene	10.0	9.77		ug/L		98	79 - 123	6	20
1,3-Dichloropropane	10.0	9.12		ug/L		91	80 - 123	3	20
1,4-Dichlorobenzene	10.0	9.37		ug/L		94	75 - 123	3	22
2,2-Dichloropropane	10.0	10.4		ug/L		104	78 - 133	6	20
2-Chlorotoluene	10.0	10.1		ug/L		101	80 - 120	5	20
2-Hexanone	10.0	8.59		ug/L		86	57 - 127	19	21
4-Chlorotoluene	10.0	9.71		ug/L		97	78 - 120	4	21
4-Isopropyltoluene	10.0	10.2		ug/L		102	77 - 127	6	21
Acetone	10.0	8.88		ug/L		89	57 - 133	5	28
Benzene	10.0	9.52		ug/L		95	80 - 120	6	20
Bromobenzene	10.0	10.7		ug/L		107	80 - 124	3	20
Bromoform	10.0	10.4		ug/L		104	46 - 178	5	23
Bromomethane	10.0	10.5		ug/L		105	52 - 162	5	20
Carbon disulfide	10.0	8.41		ug/L		84	66 - 125	5	20
Carbon tetrachloride	10.0	10.5		ug/L		105	69 - 145	5	20
Chlorobenzene	10.0	9.96		ug/L		100	80 - 120	4	20
Bromochloromethane	10.0	9.14		ug/L		91	76 - 125	4	20
Chloroethane	10.0	8.87		ug/L		89	73 - 139	6	20
Chloroform	10.0	9.52		ug/L		95	80 - 120	4	20
Chloromethane	10.0	6.78		ug/L		68	35 - 159	6	20
cis-1,2-Dichloroethene	10.0	9.10		ug/L		91	76 - 122	5	20
cis-1,3-Dichloropropene	10.0	9.55		ug/L		95	80 - 122	6	20

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QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-138507/5

Matrix: Water

Analysis Batch: 138507

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dibromochloromethane	10.0	11.2		ug/L		112	63 - 151	7	20
Dibromomethane	10.0	9.71		ug/L		97	80 - 121	2	20
Bromodichloromethane	10.0	10.7		ug/L		107	77 - 141	5	20
Dichlorodifluoromethane	10.0	9.27		ug/L		93	59 - 139	7	20
Ethylbenzene	10.0	10.3		ug/L		103	80 - 120	6	20
Hexachlorobutadiene	10.0	11.4		ug/L		114	76 - 141	3	23
Isopropylbenzene	10.0	10.6		ug/L		106	80 - 124	5	20
m,p-Xylene	20.0	21.2		ug/L		106	80 - 122	4	20
Methylene Chloride	10.0	7.58		ug/L		76	70 - 120	15	20
Naphthalene	10.0	8.78		ug/L		88	75 - 120	0	22
n-Butylbenzene	10.0	10.4		ug/L		104	76 - 124	6	23
N-Propylbenzene	10.0	10.6		ug/L		106	80 - 122	5	20
o-Xylene	10.0	10.5		ug/L		105	80 - 122	5	20
sec-Butylbenzene	10.0	9.93		ug/L		99	75 - 123	4	21
Styrene	10.0	10.4		ug/L		104	80 - 121	2	20
tert-Butylbenzene	10.0	9.64		ug/L		96	72 - 128	6	22
Tetrachloroethene (PCE)	10.0	10.6		ug/L		106	80 - 128	7	20
Toluene	10.0	9.66		ug/L		97	80 - 120	4	20
trans-1,2-Dichloroethene	10.0	8.53		ug/L		85	67 - 123	5	20
trans-1,3-Dichloropropene	10.0	9.96		ug/L		100	78 - 140	4	20
Trichloroethene	10.0	10.1		ug/L		101	80 - 123	5	20
Trichlorofluoromethane	10.0	10.2		ug/L		102	64 - 168	7	20
Trichlorotrifluoroethane	10.0	8.29		ug/L		83	50 - 120	6	20
Vinyl chloride	10.0	8.81		ug/L		88	74 - 130	5	20
1,2-Dibromoethane (EDB)	10.0	9.68		ug/L		97	80 - 120	2	20
2-Butanone (MEK)	10.0	7.65		ug/L		76	32 - 133	14	26
4-Methyl-2-pentanone (MIBK)	10.0	7.62		ug/L		76	68 - 120	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		68 - 135
Dibromofluoromethane (Surr)	97		80 - 120
Toluene-d8 (Surr)	100		80 - 120
4-Bromofluorobenzene (Surr)	103		71 - 120

Lab Sample ID: MB 570-138511/7

Matrix: Water

Analysis Batch: 138511

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			03/25/21 10:45	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			03/25/21 10:45	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/25/21 10:45	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			03/25/21 10:45	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			03/25/21 10:45	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			03/25/21 10:45	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			03/25/21 10:45	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			03/25/21 10:45	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			03/25/21 10:45	1

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QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-138511/7
Matrix: Water
Analysis Batch: 138511

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			03/25/21 10:45	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			03/25/21 10:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			03/25/21 10:45	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			03/25/21 10:45	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			03/25/21 10:45	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			03/25/21 10:45	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			03/25/21 10:45	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			03/25/21 10:45	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			03/25/21 10:45	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			03/25/21 10:45	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			03/25/21 10:45	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			03/25/21 10:45	1
2-Hexanone	ND		6.0	4.3	ug/L			03/25/21 10:45	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			03/25/21 10:45	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			03/25/21 10:45	1
Acetone	ND		8.0	4.0	ug/L			03/25/21 10:45	1
Benzene	ND		0.50	0.27	ug/L			03/25/21 10:45	1
Bromobenzene	ND		0.50	0.26	ug/L			03/25/21 10:45	1
Bromoform	ND		0.50	0.39	ug/L			03/25/21 10:45	1
Bromomethane	ND		1.0	0.93	ug/L			03/25/21 10:45	1
Carbon disulfide	ND		1.0	0.24	ug/L			03/25/21 10:45	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			03/25/21 10:45	1
Chlorobenzene	ND		0.50	0.24	ug/L			03/25/21 10:45	1
Bromochloromethane	ND		1.0	0.35	ug/L			03/25/21 10:45	1
Chloroethane	ND		0.50	0.44	ug/L			03/25/21 10:45	1
Chloroform	ND		0.50	0.28	ug/L			03/25/21 10:45	1
Chloromethane	ND		1.0	0.29	ug/L			03/25/21 10:45	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			03/25/21 10:45	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			03/25/21 10:45	1
Dibromochloromethane	ND		0.50	0.27	ug/L			03/25/21 10:45	1
Dibromomethane	ND		0.50	0.23	ug/L			03/25/21 10:45	1
Bromodichloromethane	ND		0.50	0.22	ug/L			03/25/21 10:45	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/25/21 10:45	1
Ethylbenzene	ND		0.50	0.36	ug/L			03/25/21 10:45	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			03/25/21 10:45	1
Isopropylbenzene	ND		0.50	0.38	ug/L			03/25/21 10:45	1
m,p-Xylene	ND		1.0	0.78	ug/L			03/25/21 10:45	1
Methylene Chloride	ND		1.0	0.48	ug/L			03/25/21 10:45	1
Naphthalene	ND		1.0	0.32	ug/L			03/25/21 10:45	1
n-Butylbenzene	ND		0.50	0.29	ug/L			03/25/21 10:45	1
N-Propylbenzene	ND		0.50	0.39	ug/L			03/25/21 10:45	1
o-Xylene	ND		0.50	0.35	ug/L			03/25/21 10:45	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			03/25/21 10:45	1
Styrene	ND		0.50	0.28	ug/L			03/25/21 10:45	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			03/25/21 10:45	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			03/25/21 10:45	1
Toluene	ND		0.50	0.33	ug/L			03/25/21 10:45	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			03/25/21 10:45	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/25/21 10:45	1

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QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-138511/7
Matrix: Water
Analysis Batch: 138511

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Trichloroethene	ND		0.50	0.29	ug/L			03/25/21 10:45	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			03/25/21 10:45	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			03/25/21 10:45	1
Vinyl chloride	ND		0.50	0.40	ug/L			03/25/21 10:45	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			03/25/21 10:45	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			03/25/21 10:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			03/25/21 10:45	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	86		68 - 135		03/25/21 10:45	1
Dibromofluoromethane (Surr)	96		80 - 120		03/25/21 10:45	1
Toluene-d8 (Surr)	99		80 - 120		03/25/21 10:45	1
4-Bromofluorobenzene (Surr)	98		71 - 120		03/25/21 10:45	1

Lab Sample ID: LCS 570-138511/4
Matrix: Water
Analysis Batch: 138511

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.
		Result	Qualifier				Limits
1,2,3-Trichloropropane	10.0	11.2		ug/L		112	66 - 131
1,1,1,2-Tetrachloroethane	10.0	10.6		ug/L		106	76 - 143
1,1,1-Trichloroethane	10.0	10.1		ug/L		101	75 - 128
1,1,2,2-Tetrachloroethane	10.0	12.0		ug/L		120	73 - 126
1,1,2-Trichloroethane	10.0	11.2		ug/L		112	80 - 120
1,1-Dichloroethane	10.0	10.6		ug/L		106	76 - 120
1,1-Dichloroethene	10.0	9.18		ug/L		92	72 - 120
1,1-Dichloropropene	10.0	10.3		ug/L		103	76 - 120
1,2,3-Trichlorobenzene	10.0	12.3		ug/L		123	80 - 125
1,2,4-Trichlorobenzene	10.0	12.2		ug/L		122	80 - 123
1,2,4-Trimethylbenzene	10.0	11.6		ug/L		116	78 - 125
1,2-Dibromo-3-Chloropropane	10.0	11.2		ug/L		112	77 - 120
1,2-Dichlorobenzene	10.0	11.7		ug/L		117	79 - 123
1,2-Dichloroethane	10.0	9.82		ug/L		98	71 - 137
1,2-Dichloropropane	10.0	11.3		ug/L		113	80 - 120
1,3,5-Trimethylbenzene	10.0	11.7		ug/L		117	77 - 133
1,3-Dichlorobenzene	10.0	11.8		ug/L		118	79 - 123
1,3-Dichloropropane	10.0	11.1		ug/L		111	80 - 123
1,4-Dichlorobenzene	10.0	11.1		ug/L		111	75 - 123
2,2-Dichloropropane	10.0	10.5		ug/L		105	78 - 133
2-Chlorotoluene	10.0	11.3		ug/L		113	80 - 120
2-Hexanone	10.0	12.3		ug/L		123	57 - 127
4-Chlorotoluene	10.0	11.1		ug/L		111	78 - 120
4-Isopropyltoluene	10.0	10.5		ug/L		105	77 - 127
Acetone	10.0	10.6		ug/L		106	57 - 133
Benzene	10.0	10.7		ug/L		107	80 - 120
Bromobenzene	10.0	11.0		ug/L		110	80 - 124
Bromoform	10.0	11.0		ug/L		110	46 - 178
Bromomethane	10.0	9.41		ug/L		94	52 - 162

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QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-138511/4

Matrix: Water

Analysis Batch: 138511

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon disulfide	10.0	9.57		ug/L		96	66 - 125
Carbon tetrachloride	10.0	9.92		ug/L		99	69 - 145
Chlorobenzene	10.0	11.5		ug/L		115	80 - 120
Bromochloromethane	10.0	9.90		ug/L		99	76 - 125
Chloroethane	10.0	10.3		ug/L		103	73 - 139
Chloroform	10.0	10.6		ug/L		106	80 - 120
Chloromethane	10.0	11.4		ug/L		114	35 - 159
cis-1,2-Dichloroethene	10.0	10.9		ug/L		109	76 - 122
cis-1,3-Dichloropropene	10.0	11.1		ug/L		111	80 - 122
Dibromochloromethane	10.0	11.5		ug/L		115	63 - 151
Dibromomethane	10.0	10.5		ug/L		105	80 - 121
Bromodichloromethane	10.0	10.8		ug/L		108	77 - 141
Dichlorodifluoromethane	10.0	10.9		ug/L		109	59 - 139
Ethylbenzene	10.0	11.4		ug/L		114	80 - 120
Hexachlorobutadiene	10.0	12.8		ug/L		128	76 - 141
Isopropylbenzene	10.0	11.3		ug/L		113	80 - 124
m,p-Xylene	20.0	22.9		ug/L		115	80 - 122
Methylene Chloride	10.0	10.8		ug/L		108	70 - 120
Naphthalene	10.0	12.4	*+	ug/L		124	75 - 120
n-Butylbenzene	10.0	10.3		ug/L		103	76 - 124
N-Propylbenzene	10.0	11.5		ug/L		115	80 - 122
o-Xylene	10.0	11.5		ug/L		115	80 - 122
sec-Butylbenzene	10.0	11.3		ug/L		113	75 - 123
Styrene	10.0	11.5		ug/L		115	80 - 121
tert-Butylbenzene	10.0	10.7		ug/L		107	72 - 128
Tetrachloroethene (PCE)	10.0	11.8		ug/L		118	80 - 128
Toluene	10.0	10.9		ug/L		109	80 - 120
trans-1,2-Dichloroethene	10.0	10.4		ug/L		104	67 - 123
trans-1,3-Dichloropropene	10.0	11.0		ug/L		110	78 - 140
Trichloroethene	10.0	10.7		ug/L		107	80 - 123
Trichlorofluoromethane	10.0	10.3		ug/L		103	64 - 168
Trichlorotrifluoroethane	10.0	8.54		ug/L		85	50 - 120
Vinyl chloride	10.0	10.7		ug/L		107	74 - 130
1,2-Dibromoethane (EDB)	10.0	10.9		ug/L		109	80 - 120
2-Butanone (MEK)	10.0	10.3		ug/L		103	32 - 133
4-Methyl-2-pentanone (MIBK)	10.0	11.0		ug/L		110	68 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		68 - 135
Dibromofluoromethane (Surr)	98		80 - 120
Toluene-d8 (Surr)	103		80 - 120
4-Bromofluorobenzene (Surr)	97		71 - 120

QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-138511/5

Matrix: Water

Analysis Batch: 138511

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichloropropane	10.0	10.4		ug/L		104	66 - 131	7	20
1,1,1,2-Tetrachloroethane	10.0	10.1		ug/L		101	76 - 143	5	20
1,1,1-Trichloroethane	10.0	9.95		ug/L		99	75 - 128	1	20
1,1,2,2-Tetrachloroethane	10.0	11.9		ug/L		119	73 - 126	1	21
1,1,2-Trichloroethane	10.0	10.4		ug/L		104	80 - 120	7	20
1,1-Dichloroethane	10.0	10.0		ug/L		100	76 - 120	5	20
1,1-Dichloroethene	10.0	8.53		ug/L		85	72 - 120	7	20
1,1-Dichloropropene	10.0	10.2		ug/L		102	76 - 120	2	20
1,2,3-Trichlorobenzene	10.0	12.1		ug/L		121	80 - 125	1	22
1,2,4-Trichlorobenzene	10.0	12.2		ug/L		122	80 - 123	0	20
1,2,4-Trimethylbenzene	10.0	11.7		ug/L		117	78 - 125	1	22
1,2-Dibromo-3-Chloropropane	10.0	11.0		ug/L		110	77 - 120	2	21
1,2-Dichlorobenzene	10.0	11.6		ug/L		116	79 - 123	1	20
1,2-Dichloroethane	10.0	9.62		ug/L		96	71 - 137	2	20
1,2-Dichloropropane	10.0	10.6		ug/L		106	80 - 120	6	20
1,3,5-Trimethylbenzene	10.0	11.1		ug/L		111	77 - 133	6	20
1,3-Dichlorobenzene	10.0	11.2		ug/L		112	79 - 123	4	20
1,3-Dichloropropane	10.0	10.8		ug/L		108	80 - 123	3	20
1,4-Dichlorobenzene	10.0	11.0		ug/L		110	75 - 123	1	22
2,2-Dichloropropane	10.0	9.88		ug/L		99	78 - 133	6	20
2-Chlorotoluene	10.0	10.5		ug/L		105	80 - 120	7	20
2-Hexanone	10.0	10.6		ug/L		106	57 - 127	15	21
4-Chlorotoluene	10.0	10.5		ug/L		105	78 - 120	6	21
4-Isopropyltoluene	10.0	10.6		ug/L		106	77 - 127	0	21
Acetone	10.0	9.39		ug/L		94	57 - 133	12	28
Benzene	10.0	10.1		ug/L		101	80 - 120	6	20
Bromobenzene	10.0	10.5		ug/L		105	80 - 124	5	20
Bromoform	10.0	10.7		ug/L		107	46 - 178	3	23
Bromomethane	10.0	8.81		ug/L		88	52 - 162	7	20
Carbon disulfide	10.0	8.83		ug/L		88	66 - 125	8	20
Carbon tetrachloride	10.0	9.24		ug/L		92	69 - 145	7	20
Chlorobenzene	10.0	10.8		ug/L		108	80 - 120	6	20
Bromochloromethane	10.0	9.93		ug/L		99	76 - 125	0	20
Chloroethane	10.0	9.34		ug/L		93	73 - 139	9	20
Chloroform	10.0	10.5		ug/L		105	80 - 120	2	20
Chloromethane	10.0	11.0		ug/L		110	35 - 159	4	20
cis-1,2-Dichloroethene	10.0	10.6		ug/L		106	76 - 122	2	20
cis-1,3-Dichloropropene	10.0	10.5		ug/L		105	80 - 122	5	20
Dibromochloromethane	10.0	10.4		ug/L		104	63 - 151	10	20
Dibromomethane	10.0	10.2		ug/L		102	80 - 121	2	20
Bromodichloromethane	10.0	10.4		ug/L		104	77 - 141	4	20
Dichlorodifluoromethane	10.0	10.3		ug/L		103	59 - 139	6	20
Ethylbenzene	10.0	10.6		ug/L		106	80 - 120	7	20
Hexachlorobutadiene	10.0	12.4		ug/L		124	76 - 141	4	23
Isopropylbenzene	10.0	10.6		ug/L		106	80 - 124	6	20
m,p-Xylene	20.0	21.5		ug/L		108	80 - 122	6	20
Methylene Chloride	10.0	10.2		ug/L		102	70 - 120	6	20
Naphthalene	10.0	12.4	++	ug/L		124	75 - 120	0	22

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QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-138511/5
Matrix: Water
Analysis Batch: 138511

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
n-Butylbenzene	10.0	11.0		ug/L		110	76 - 124	7	23
N-Propylbenzene	10.0	11.0		ug/L		110	80 - 122	4	20
o-Xylene	10.0	11.0		ug/L		110	80 - 122	5	20
sec-Butylbenzene	10.0	11.1		ug/L		111	75 - 123	2	21
Styrene	10.0	11.1		ug/L		111	80 - 121	4	20
tert-Butylbenzene	10.0	10.7		ug/L		107	72 - 128	0	22
Tetrachloroethene (PCE)	10.0	11.2		ug/L		112	80 - 128	6	20
Toluene	10.0	10.4		ug/L		104	80 - 120	5	20
trans-1,2-Dichloroethene	10.0	10.3		ug/L		103	67 - 123	1	20
trans-1,3-Dichloropropene	10.0	10.6		ug/L		106	78 - 140	3	20
Trichloroethene	10.0	9.81		ug/L		98	80 - 123	8	20
Trichlorofluoromethane	10.0	10.2		ug/L		102	64 - 168	1	20
Trichlorotrifluoroethane	10.0	8.41		ug/L		84	50 - 120	1	20
Vinyl chloride	10.0	10.6		ug/L		106	74 - 130	1	20
1,2-Dibromoethane (EDB)	10.0	10.8		ug/L		108	80 - 120	2	20
2-Butanone (MEK)	10.0	9.94		ug/L		99	32 - 133	4	26
4-Methyl-2-pentanone (MIBK)	10.0	10.7		ug/L		107	68 - 120	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	94		68 - 135
Dibromofluoromethane (Surr)	101		80 - 120
Toluene-d8 (Surr)	98		80 - 120
4-Bromofluorobenzene (Surr)	99		71 - 120

Lab Sample ID: MB 570-139029/8
Matrix: Water
Analysis Batch: 139029

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			03/26/21 19:27	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			03/26/21 19:27	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/26/21 19:27	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			03/26/21 19:27	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			03/26/21 19:27	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			03/26/21 19:27	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			03/26/21 19:27	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			03/26/21 19:27	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			03/26/21 19:27	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			03/26/21 19:27	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			03/26/21 19:27	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			03/26/21 19:27	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			03/26/21 19:27	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			03/26/21 19:27	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			03/26/21 19:27	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			03/26/21 19:27	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			03/26/21 19:27	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			03/26/21 19:27	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			03/26/21 19:27	1

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QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-139029/8
Matrix: Water
Analysis Batch: 139029

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		0.50	0.40	ug/L			03/26/21 19:27	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			03/26/21 19:27	1
2-Hexanone	ND		6.0	4.3	ug/L			03/26/21 19:27	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			03/26/21 19:27	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			03/26/21 19:27	1
Acetone	ND		8.0	4.0	ug/L			03/26/21 19:27	1
Benzene	ND		0.50	0.27	ug/L			03/26/21 19:27	1
Bromobenzene	ND		0.50	0.26	ug/L			03/26/21 19:27	1
Bromoform	ND		0.50	0.39	ug/L			03/26/21 19:27	1
Bromomethane	ND		1.0	0.93	ug/L			03/26/21 19:27	1
Carbon disulfide	ND		1.0	0.24	ug/L			03/26/21 19:27	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			03/26/21 19:27	1
Chlorobenzene	ND		0.50	0.24	ug/L			03/26/21 19:27	1
Bromochloromethane	ND		1.0	0.35	ug/L			03/26/21 19:27	1
Chloroethane	ND		0.50	0.44	ug/L			03/26/21 19:27	1
Chloroform	ND		0.50	0.28	ug/L			03/26/21 19:27	1
Chloromethane	ND		1.0	0.29	ug/L			03/26/21 19:27	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			03/26/21 19:27	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			03/26/21 19:27	1
Dibromochloromethane	ND		0.50	0.27	ug/L			03/26/21 19:27	1
Dibromomethane	ND		0.50	0.23	ug/L			03/26/21 19:27	1
Bromodichloromethane	ND		0.50	0.22	ug/L			03/26/21 19:27	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/26/21 19:27	1
Ethylbenzene	ND		0.50	0.36	ug/L			03/26/21 19:27	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			03/26/21 19:27	1
Isopropylbenzene	ND		0.50	0.38	ug/L			03/26/21 19:27	1
m,p-Xylene	ND		1.0	0.78	ug/L			03/26/21 19:27	1
Methylene Chloride	ND		1.0	0.48	ug/L			03/26/21 19:27	1
Naphthalene	ND		1.0	0.32	ug/L			03/26/21 19:27	1
n-Butylbenzene	ND		0.50	0.29	ug/L			03/26/21 19:27	1
N-Propylbenzene	ND		0.50	0.39	ug/L			03/26/21 19:27	1
o-Xylene	ND		0.50	0.35	ug/L			03/26/21 19:27	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			03/26/21 19:27	1
Styrene	ND		0.50	0.28	ug/L			03/26/21 19:27	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			03/26/21 19:27	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			03/26/21 19:27	1
Toluene	ND		0.50	0.33	ug/L			03/26/21 19:27	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			03/26/21 19:27	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/26/21 19:27	1
Trichloroethene	ND		0.50	0.29	ug/L			03/26/21 19:27	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			03/26/21 19:27	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			03/26/21 19:27	1
Vinyl chloride	ND		0.50	0.40	ug/L			03/26/21 19:27	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			03/26/21 19:27	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			03/26/21 19:27	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			03/26/21 19:27	1

QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-139029/8
Matrix: Water
Analysis Batch: 139029

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	99		68 - 135		03/26/21 19:27	1
Dibromofluoromethane (Surr)	98		80 - 120		03/26/21 19:27	1
Toluene-d8 (Surr)	97		80 - 120		03/26/21 19:27	1
4-Bromofluorobenzene (Surr)	97		71 - 120		03/26/21 19:27	1

Lab Sample ID: LCS 570-139029/4
Matrix: Water
Analysis Batch: 139029

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	10.0	10.8		ug/L		108	76 - 143
1,1,1-Trichloroethane	10.0	9.91		ug/L		99	75 - 128
1,1,2,2-Tetrachloroethane	10.0	10.5		ug/L		105	73 - 126
1,1,2-Trichloroethane	10.0	10.1		ug/L		101	80 - 120
1,1-Dichloroethane	10.0	9.85		ug/L		98	76 - 120
1,1-Dichloroethene	10.0	9.60		ug/L		96	72 - 120
1,1-Dichloropropene	10.0	9.53		ug/L		95	76 - 120
1,2,3-Trichlorobenzene	10.0	10.8		ug/L		108	80 - 125
1,2,4-Trichlorobenzene	10.0	10.8		ug/L		108	80 - 123
1,2,4-Trimethylbenzene	10.0	10.6		ug/L		106	78 - 125
1,2-Dibromo-3-Chloropropane	10.0	9.92		ug/L		99	77 - 120
1,2-Dichlorobenzene	10.0	10.3		ug/L		103	79 - 123
1,2-Dichloroethane	10.0	9.87		ug/L		99	71 - 137
1,2-Dichloropropane	10.0	10.2		ug/L		102	80 - 120
1,3,5-Trimethylbenzene	10.0	11.2		ug/L		112	77 - 133
1,3-Dichlorobenzene	10.0	10.7		ug/L		107	79 - 123
1,3-Dichloropropane	10.0	9.80		ug/L		98	80 - 123
1,4-Dichlorobenzene	10.0	10.0		ug/L		100	75 - 123
2,2-Dichloropropane	10.0	11.0		ug/L		110	78 - 133
2-Chlorotoluene	10.0	10.5		ug/L		105	80 - 120
2-Hexanone	10.0	9.56		ug/L		96	57 - 127
4-Chlorotoluene	10.0	10.5		ug/L		105	78 - 120
4-Isopropyltoluene	10.0	11.1		ug/L		111	77 - 127
Acetone	10.0	9.07		ug/L		91	57 - 133
Benzene	10.0	10.2		ug/L		102	80 - 120
Bromobenzene	10.0	10.4		ug/L		104	80 - 124
Bromoform	10.0	11.4		ug/L		114	46 - 178
Bromomethane	10.0	10.7		ug/L		107	52 - 162
Carbon disulfide	10.0	9.63		ug/L		96	66 - 125
Carbon tetrachloride	10.0	10.1		ug/L		101	69 - 145
Chlorobenzene	10.0	10.2		ug/L		102	80 - 120
Bromochloromethane	10.0	9.80		ug/L		98	76 - 125
Chloroethane	10.0	9.90		ug/L		99	73 - 139
Chloroform	10.0	10.2		ug/L		102	80 - 120
Chloromethane	10.0	9.95		ug/L		100	35 - 159
cis-1,2-Dichloroethene	10.0	10.1		ug/L		101	76 - 122
cis-1,3-Dichloropropene	10.0	10.5		ug/L		105	80 - 122

QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-139029/4
Matrix: Water
Analysis Batch: 139029

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dibromochloromethane	10.0	10.9		ug/L		109	63 - 151
Dibromomethane	10.0	10.1		ug/L		101	80 - 121
Bromodichloromethane	10.0	10.6		ug/L		106	77 - 141
Dichlorodifluoromethane	10.0	10.2		ug/L		102	59 - 139
Ethylbenzene	10.0	10.5		ug/L		105	80 - 120
Hexachlorobutadiene	10.0	10.9		ug/L		109	76 - 141
Isopropylbenzene	10.0	10.6		ug/L		106	80 - 124
m,p-Xylene	20.0	20.7		ug/L		103	80 - 122
Methylene Chloride	10.0	9.41		ug/L		94	70 - 120
Naphthalene	10.0	10.2		ug/L		102	75 - 120
n-Butylbenzene	10.0	10.8		ug/L		108	76 - 124
N-Propylbenzene	10.0	11.0		ug/L		110	80 - 122
o-Xylene	10.0	10.7		ug/L		107	80 - 122
sec-Butylbenzene	10.0	10.6		ug/L		106	75 - 123
Styrene	10.0	10.5		ug/L		105	80 - 121
tert-Butylbenzene	10.0	10.3		ug/L		103	72 - 128
Tetrachloroethene (PCE)	10.0	10.2		ug/L		102	80 - 128
Toluene	10.0	10.2		ug/L		102	80 - 120
trans-1,2-Dichloroethene	10.0	9.68		ug/L		97	67 - 123
trans-1,3-Dichloropropene	10.0	10.7		ug/L		107	78 - 140
Trichloroethene	10.0	10.0		ug/L		100	80 - 123
Trichlorofluoromethane	10.0	10.2		ug/L		102	64 - 168
Trichlorotrifluoroethane	10.0	7.62		ug/L		76	50 - 120
Vinyl chloride	10.0	10.3		ug/L		103	74 - 130
1,2-Dibromoethane (EDB)	10.0	10.1		ug/L		101	80 - 120
2-Butanone (MEK)	10.0	9.68		ug/L		97	32 - 133
4-Methyl-2-pentanone (MIBK)	10.0	9.18		ug/L		92	68 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		68 - 135
Dibromofluoromethane (Surr)	99		80 - 120
Toluene-d8 (Surr)	100		80 - 120
4-Bromofluorobenzene (Surr)	98		71 - 120

Lab Sample ID: LCSD 570-139029/5
Matrix: Water
Analysis Batch: 139029

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichloropropane	10.0	9.88		ug/L		99	66 - 131	3	20
1,1,1,2-Tetrachloroethane	10.0	10.3		ug/L		103	76 - 143	5	20
1,1,1-Trichloroethane	10.0	9.13		ug/L		91	75 - 128	8	20
1,1,2,2-Tetrachloroethane	10.0	10.0		ug/L		100	73 - 126	5	21
1,1,2-Trichloroethane	10.0	9.79		ug/L		98	80 - 120	3	20
1,1-Dichloroethane	10.0	9.10		ug/L		91	76 - 120	8	20
1,1-Dichloroethene	10.0	7.39	*1	ug/L		74	72 - 120	26	20
1,1-Dichloropropene	10.0	8.81		ug/L		88	76 - 120	8	20
1,2,3-Trichlorobenzene	10.0	10.3		ug/L		103	80 - 125	4	22

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QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-139029/5
Matrix: Water
Analysis Batch: 139029

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	10.0	10.1		ug/L		101	80 - 123	7	20
1,2,4-Trimethylbenzene	10.0	9.92		ug/L		99	78 - 125	7	22
1,2-Dibromo-3-Chloropropane	10.0	9.06		ug/L		91	77 - 120	9	21
1,2-Dichlorobenzene	10.0	9.71		ug/L		97	79 - 123	6	20
1,2-Dichloroethane	10.0	9.43		ug/L		94	71 - 137	5	20
1,2-Dichloropropane	10.0	9.57		ug/L		96	80 - 120	7	20
1,3,5-Trimethylbenzene	10.0	10.4		ug/L		104	77 - 133	7	20
1,3-Dichlorobenzene	10.0	9.86		ug/L		99	79 - 123	8	20
1,3-Dichloropropane	10.0	9.56		ug/L		96	80 - 123	2	20
1,4-Dichlorobenzene	10.0	9.26		ug/L		93	75 - 123	8	22
2,2-Dichloropropane	10.0	10.0		ug/L		100	78 - 133	10	20
2-Chlorotoluene	10.0	9.81		ug/L		98	80 - 120	7	20
2-Hexanone	10.0	9.01		ug/L		90	57 - 127	6	21
4-Chlorotoluene	10.0	9.60		ug/L		96	78 - 120	9	21
4-Isopropyltoluene	10.0	10.2		ug/L		102	77 - 127	8	21
Acetone	10.0	8.93		ug/L		89	57 - 133	2	28
Benzene	10.0	9.49		ug/L		95	80 - 120	7	20
Bromobenzene	10.0	9.93		ug/L		99	80 - 124	5	20
Bromoform	10.0	11.0		ug/L		110	46 - 178	4	23
Bromomethane	10.0	9.25		ug/L		92	52 - 162	15	20
Carbon disulfide	10.0	8.76		ug/L		88	66 - 125	9	20
Carbon tetrachloride	10.0	9.19		ug/L		92	69 - 145	9	20
Chlorobenzene	10.0	9.55		ug/L		96	80 - 120	6	20
Bromochloromethane	10.0	9.37		ug/L		94	76 - 125	4	20
Chloroethane	10.0	9.34		ug/L		93	73 - 139	6	20
Chloroform	10.0	9.42		ug/L		94	80 - 120	8	20
Chloromethane	10.0	9.22		ug/L		92	35 - 159	8	20
cis-1,2-Dichloroethene	10.0	9.53		ug/L		95	76 - 122	5	20
cis-1,3-Dichloropropene	10.0	9.97		ug/L		100	80 - 122	5	20
Dibromochloromethane	10.0	10.8		ug/L		108	63 - 151	1	20
Dibromomethane	10.0	9.76		ug/L		98	80 - 121	3	20
Bromodichloromethane	10.0	10.0		ug/L		100	77 - 141	5	20
Dichlorodifluoromethane	10.0	9.13		ug/L		91	59 - 139	11	20
Ethylbenzene	10.0	9.87		ug/L		99	80 - 120	6	20
Hexachlorobutadiene	10.0	9.85		ug/L		98	76 - 141	11	23
Isopropylbenzene	10.0	9.84		ug/L		98	80 - 124	7	20
m,p-Xylene	20.0	19.3		ug/L		96	80 - 122	7	20
Methylene Chloride	10.0	8.89		ug/L		89	70 - 120	6	20
Naphthalene	10.0	10.2		ug/L		102	75 - 120	1	22
n-Butylbenzene	10.0	9.88		ug/L		99	76 - 124	9	23
N-Propylbenzene	10.0	10.3		ug/L		103	80 - 122	7	20
o-Xylene	10.0	10.0		ug/L		100	80 - 122	7	20
sec-Butylbenzene	10.0	9.71		ug/L		97	75 - 123	9	21
Styrene	10.0	10.1		ug/L		101	80 - 121	5	20
tert-Butylbenzene	10.0	9.65		ug/L		97	72 - 128	7	22
Tetrachloroethene (PCE)	10.0	9.53		ug/L		95	80 - 128	7	20
Toluene	10.0	9.53		ug/L		95	80 - 120	7	20
trans-1,2-Dichloroethene	10.0	8.75		ug/L		87	67 - 123	10	20
trans-1,3-Dichloropropene	10.0	10.2		ug/L		102	78 - 140	5	20

Eurofins Calscience Irvine

QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-139029/5
Matrix: Water
Analysis Batch: 139029

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichloroethene	10.0	9.33		ug/L		93	80 - 123	7	20
Trichlorofluoromethane	10.0	9.41		ug/L		94	64 - 168	8	20
Trichlorotrifluoroethane	10.0	6.05	*1	ug/L		60	50 - 120	23	20
Vinyl chloride	10.0	9.45		ug/L		95	74 - 130	8	20
1,2-Dibromoethane (EDB)	10.0	9.65		ug/L		97	80 - 120	5	20
2-Butanone (MEK)	10.0	7.55		ug/L		75	32 - 133	25	26
4-Methyl-2-pentanone (MIBK)	10.0	9.05		ug/L		91	68 - 120	1	20

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		68 - 135
Dibromofluoromethane (Surr)	99		80 - 120
Toluene-d8 (Surr)	101		80 - 120
4-Bromofluorobenzene (Surr)	99		71 - 120

Lab Sample ID: MB 570-139233/7
Matrix: Water
Analysis Batch: 139233

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		8.0	4.0	ug/L			03/29/21 10:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		68 - 135		03/29/21 10:45	1
Dibromofluoromethane (Surr)	97		80 - 120		03/29/21 10:45	1
Toluene-d8 (Surr)	99		80 - 120		03/29/21 10:45	1
4-Bromofluorobenzene (Surr)	95		71 - 120		03/29/21 10:45	1

Lab Sample ID: LCS 570-139233/4
Matrix: Water
Analysis Batch: 139233

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10.0	9.57		ug/L		96	57 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		68 - 135
Dibromofluoromethane (Surr)	101		80 - 120
Toluene-d8 (Surr)	101		80 - 120
4-Bromofluorobenzene (Surr)	99		71 - 120

Lab Sample ID: LCSD 570-139233/5
Matrix: Water
Analysis Batch: 139233

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	10.0	8.34		ug/L		83	57 - 133	14	28

QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-139233/5
Matrix: Water
Analysis Batch: 139233

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	98		68 - 135
Dibromofluoromethane (Surr)	101		80 - 120
Toluene-d8 (Surr)	100		80 - 120
4-Bromofluorobenzene (Surr)	100		71 - 120

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 570-137106/1-A
Matrix: Water
Analysis Batch: 137752

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 137106

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50	0.34	ug/L		03/19/21 08:09	03/23/21 07:51	1
Isotope Dilution	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac			
1,4-Dioxane-d8	62		15 - 150	03/19/21 08:09	03/23/21 07:51	1			
Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac			
Nitrobenzene-d5 (Surr)	94		46 - 128	03/19/21 08:09	03/23/21 07:51	1			

Lab Sample ID: LCS 570-137106/2-A
Matrix: Water
Analysis Batch: 137752

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137106

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	20.0	21.1		ug/L		106	57 - 136
Isotope Dilution	LCS %Recovery	LCS Qualifier	LCS Limits				
1,4-Dioxane-d8	64		15 - 150				
Surrogate	LCS %Recovery	LCS Qualifier	LCS Limits				
Nitrobenzene-d5 (Surr)	88		46 - 128				

Lab Sample ID: LCSD 570-137106/3-A
Matrix: Water
Analysis Batch: 137752

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 137106

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
1,4-Dioxane	20.0	21.0		ug/L		105	57 - 136	1	20
Isotope Dilution	LCSD %Recovery	LCSD Qualifier	LCSD Limits						
1,4-Dioxane-d8	66		15 - 150						
Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits						
Nitrobenzene-d5 (Surr)	90		46 - 128						

QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) (Continued)

Lab Sample ID: 440-280627-3 MS
Matrix: Water
Analysis Batch: 137752

Client Sample ID: GECC-401-031621
Prep Type: Total/NA
Prep Batch: 137106

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	ND		20.0	20.4		ug/L		102	45 - 139
		MS MS							
Isotope Dilution	%Recovery	Qualifier	Limits						
1,4-Dioxane-d8	61		15 - 150						
		MS MS							
Surrogate	%Recovery	Qualifier	Limits						
Nitrobenzene-d5 (Surr)	104		46 - 128						

Lab Sample ID: 440-280627-3 MSD
Matrix: Water
Analysis Batch: 137752

Client Sample ID: GECC-401-031621
Prep Type: Total/NA
Prep Batch: 137106

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	ND		20.0	20.6		ug/L		103	45 - 139	1	17
		MSD MSD									
Isotope Dilution	%Recovery	Qualifier	Limits								
1,4-Dioxane-d8	52		15 - 150								
		MSD MSD									
Surrogate	%Recovery	Qualifier	Limits								
Nitrobenzene-d5 (Surr)	84		46 - 128								

QC Association Summary

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

GC/MS VOA

Analysis Batch: 138507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-280627-1	TB-031621	Total/NA	Water	8260B	
440-280627-2	MW-8-031621	Total/NA	Water	8260B	
440-280627-3	GECC-401-031621	Total/NA	Water	8260B	
440-280627-5	MW-3-031621	Total/NA	Water	8260B	
440-280627-7	SVE-1-031621	Total/NA	Water	8260B	
440-280627-10	SVE-4-031621	Total/NA	Water	8260B	
440-280627-11	SVE-5-031621	Total/NA	Water	8260B	
440-280627-12	SVE-6-031621	Total/NA	Water	8260B	
440-280627-13	SVE-7-031621	Total/NA	Water	8260B	
440-280627-14	SVE-8-031621	Total/NA	Water	8260B	
440-280627-15	SVE-9-031621	Total/NA	Water	8260B	
440-280627-16	SVE-10-031621	Total/NA	Water	8260B	
MB 570-138507/7	Method Blank	Total/NA	Water	8260B	
LCS 570-138507/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-138507/5	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 138511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-280627-17	SVE-11-031621	Total/NA	Water	8260B	
440-280627-18	SVE-12-031621	Total/NA	Water	8260B	
440-280627-19	SVE-13-031621	Total/NA	Water	8260B	
440-280627-20	SVE-14-031621	Total/NA	Water	8260B	
MB 570-138511/7	Method Blank	Total/NA	Water	8260B	
LCS 570-138511/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-138511/5	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 139029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-280627-4	MW-1-031621	Total/NA	Water	8260B	
440-280627-6	TW-3-031621	Total/NA	Water	8260B	
440-280627-8	SVE-2-031621	Total/NA	Water	8260B	
440-280627-9	SVE-3-031621	Total/NA	Water	8260B	
440-280627-11 - DL	SVE-5-031621	Total/NA	Water	8260B	
MB 570-139029/8	Method Blank	Total/NA	Water	8260B	
LCS 570-139029/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-139029/5	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 139233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-280627-14 - DL	SVE-8-031621	Total/NA	Water	8260B	
MB 570-139233/7	Method Blank	Total/NA	Water	8260B	
LCS 570-139233/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-139233/5	Lab Control Sample Dup	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 137106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-280627-2	MW-8-031621	Total/NA	Water	3510C	
440-280627-3	GECC-401-031621	Total/NA	Water	3510C	
440-280627-4	MW-1-031621	Total/NA	Water	3510C	

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QC Association Summary

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

GC/MS Semi VOA (Continued)

Prep Batch: 137106 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-280627-5	MW-3-031621	Total/NA	Water	3510C	
440-280627-6	TW-3-031621	Total/NA	Water	3510C	
440-280627-7	SVE-1-031621	Total/NA	Water	3510C	
440-280627-8	SVE-2-031621	Total/NA	Water	3510C	
440-280627-9	SVE-3-031621	Total/NA	Water	3510C	
440-280627-10	SVE-4-031621	Total/NA	Water	3510C	
440-280627-11	SVE-5-031621	Total/NA	Water	3510C	
440-280627-12	SVE-6-031621	Total/NA	Water	3510C	
440-280627-13	SVE-7-031621	Total/NA	Water	3510C	
440-280627-14	SVE-8-031621	Total/NA	Water	3510C	
440-280627-15	SVE-9-031621	Total/NA	Water	3510C	
440-280627-16	SVE-10-031621	Total/NA	Water	3510C	
440-280627-17	SVE-11-031621	Total/NA	Water	3510C	
440-280627-18	SVE-12-031621	Total/NA	Water	3510C	
440-280627-19	SVE-13-031621	Total/NA	Water	3510C	
440-280627-20	SVE-14-031621	Total/NA	Water	3510C	
MB 570-137106/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-137106/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS D 570-137106/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
440-280627-3 MS	GECC-401-031621	Total/NA	Water	3510C	
440-280627-3 MSD	GECC-401-031621	Total/NA	Water	3510C	

Analysis Batch: 137752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-280627-3	GECC-401-031621	Total/NA	Water	8270C SIM ID	137106
440-280627-4	MW-1-031621	Total/NA	Water	8270C SIM ID	137106
440-280627-5	MW-3-031621	Total/NA	Water	8270C SIM ID	137106
440-280627-6	TW-3-031621	Total/NA	Water	8270C SIM ID	137106
440-280627-7	SVE-1-031621	Total/NA	Water	8270C SIM ID	137106
440-280627-8	SVE-2-031621	Total/NA	Water	8270C SIM ID	137106
440-280627-9	SVE-3-031621	Total/NA	Water	8270C SIM ID	137106
440-280627-10	SVE-4-031621	Total/NA	Water	8270C SIM ID	137106
440-280627-11	SVE-5-031621	Total/NA	Water	8270C SIM ID	137106
440-280627-12	SVE-6-031621	Total/NA	Water	8270C SIM ID	137106
440-280627-13	SVE-7-031621	Total/NA	Water	8270C SIM ID	137106
440-280627-14	SVE-8-031621	Total/NA	Water	8270C SIM ID	137106
440-280627-15	SVE-9-031621	Total/NA	Water	8270C SIM ID	137106
440-280627-16	SVE-10-031621	Total/NA	Water	8270C SIM ID	137106
440-280627-17	SVE-11-031621	Total/NA	Water	8270C SIM ID	137106
440-280627-18	SVE-12-031621	Total/NA	Water	8270C SIM ID	137106
MB 570-137106/1-A	Method Blank	Total/NA	Water	8270C SIM ID	137106
LCS 570-137106/2-A	Lab Control Sample	Total/NA	Water	8270C SIM ID	137106
LCS D 570-137106/3-A	Lab Control Sample Dup	Total/NA	Water	8270C SIM ID	137106
440-280627-3 MS	GECC-401-031621	Total/NA	Water	8270C SIM ID	137106
440-280627-3 MSD	GECC-401-031621	Total/NA	Water	8270C SIM ID	137106

Analysis Batch: 137763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-280627-2	MW-8-031621	Total/NA	Water	8270C SIM ID	137106
440-280627-19	SVE-13-031621	Total/NA	Water	8270C SIM ID	137106
440-280627-20	SVE-14-031621	Total/NA	Water	8270C SIM ID	137106

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Definitions/Glossary

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-0161	11-19-21
California	Los Angeles County Sanitation Districts	10109	09-30-21
California	SCAQMD LAP	17LA0919	11-30-21
California	State	2944	09-30-21
Guam	State	20-003R	10-31-20 *
Nevada	State	CA00111	07-31-21
Oregon	NELAP	CA300001	01-30-22
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-21

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Calscience Irvine



1/2

BLAINE
TECH SERVICES, INC
1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY
BTS # 210315-021
General Atomics
General Atomics
11222 Flintoke
San Diego, CA

SAMPLE I.D.	DATE	TIME	MATRIX	CONTAINERS	
				TOTAL	
10-031621	03116121	0600	W	2	W045
10W-8-031621	03116121	0737	W	7	W045
10W-1-031621	03116121	0729	W	4	
10W-3-031621	03116121	0807	W	4	
10W-3-031621	03116121	0830	W	4	
10W-3-031621	03116121	0851	W	4	
10W-1-031621	03116121	0915	W	4	
10W-2-031621	03116121	0933	W	4	
10W-3-031621	03116121	0957	W	4	
10W-4-031621	03116121	1008	W	4	

SAMPLING COMPLETED 03116121 1400 PERFORMED BY (Chris) Zaleski

RELEASED BY [Signature]

RELEASED BY William Rivera

SHIPPED VIA

LAB	Test America	DHS #	CONDUCT ANALYSIS TO DETECT								SPECIAL INSTRUCTIONS						
			VOC analyses (USEPA Method 8260B)	1,4-Dioxane (USEPA Method 8270D)	Alkalinity	Chloride	Cr (VI)	Metals (total/dissolved)	TOC	ADD'L INFORMATION		STATUS	CONDITION	LAB SAMPLE #			
			X														
			X	X													
			X	X													
			X	X													
			X	X													
			X	X													
			X	X													
			X	X													
			X	X													



RESULTS NEEDED NO LATER THAN

RELEASED BY DATE 03/16/21 1513 TIME RECEIVED BY William Rivera DATE 3/16/21 1513 TIME

RELEASED BY DATE 3/16/21 1740 TIME RECEIVED BY [Signature] DATE 3/16/21 1740 TIME

RELEASED BY DATE [Signature] DATE EC IRV 3/16/21 1740 TIME

2.8/2.5; 2.7/2.4 # 89



2/2

BLAINE
TECH SERVICES, INC

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY
BTS # 210315-(2)

CLIENT
General Atomics

SITE
General Atomics
11222 Flintoke
San Diego, CA

SAMPLE I.D.	DATE	TIME	MATRIX	CONTAINERS	
				SOI	TOTAL
SVE-5-031621	03/16/21	1035	W		4
SVE-6-031621	03/16/21	1100	W		4
SVE-7-031621	03/16/21	1115	W		4
SVE-8-031621	03/16/21	1139	W		4
SVE-9-031621	03/16/21	1220	W		4
SVE-10-031621	03/16/21	1235	W		4
SVE-11-031621	03/16/21	1300	W		4
SVE-12-031621	03/16/21	1313	W		4
SVE-13-031621	03/16/21	1341	W		4
SVE-14-031621	03/16/21	1400	W		4

SAMPLING PERFORMED BY *Chris Zylesti*

SAMPLING COMPLETED 03/16/21 1400

RELEASED BY *[Signature]* DATE 03/16/21 TIME 1513

RECEIVED BY *William Rivera* DATE 3/16/21 TIME 1740

RECEIVED BY *[Signature]* DATE 3/16/21 TIME 1740

SHIPPED VIA

CONDUCT ANALYSIS TO DETECT							LAB	Test America	DHS #
VOC analyses (USEPA Method 8260B)	1,4-Dioxane (USEPA Method 8270D)	Alkalinity	Chloride	Cr (VI)	Metals (total/dissolved)	TOC	SPECIAL INSTRUCTIONS Report to: Anil Dharmapal Project Manager Licensing, Safety and Nuclear Compliance 3550 General Atomics Court, San Diego, CA 92121 Office: (858) 455-2540, Cell: (858) 226-0582		
X	X								
X	X								
X	X								
X	X								
X	X								
X	X								
X	X								
X	X								
X	X								
ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #						

RESULTS NEEDED NO LATER THAN

DATE 3/16/21 TIME 1513

DATE 3/16/21 TIME 1740

DATE 3/16/21 TIME 1740

COOLER #



Chain of Custody Record



Environment Testing
 America



Client Information (Sub Contract Lab)		Sampler:	Lab. PM:	Carrier Tracking No(s):	COC No:							
Shipping/Receiving		Phone:	Davidkov, Lena	State of Origin	440-167090 1							
Company:		E-Mail:	Lena Davidkova@Eurofinset.com	California	Page: Page 1 of 3							
Eurofins Calscience LLC		Accreditations Required (See note):		Job #:	440-280627-1							
Address:		Due Date Requested:	Preservation Codes:									
7440 Lincoln Way,		3/29/2021	A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:									
City:		TAT Requested (days):	M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4.5 Z - other (specify)									
State, Zip:		PO #:										
CA, 92841		WO #:										
Project Name:		Project #:										
Monthly In-situ Chemical Oxidation (ISCO)		44023004										
Site:		SSOW#:										
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=soil, BT=Blank, AN=)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8268B_LL/5030C (MOD) Default/Ketones	8270C_SIM_MS_ID/3510C 1,4-Dioxane - SIM_MS_ID	Analysis Requested	Total Number of Containers	Special Instructions/Note:
TB-031621 (440-280627-1)		3/16/21	06:00 Pacific	Water	Water	X	X				2	
MW-8-031621 (440-280627-2)		3/16/21	07:37 Pacific	Water	Water	X	X				7	
GECC-401-031621 (440-280627-3)		3/16/21	07:29 Pacific	Water	Water	X	X				4	
MW-1-031621 (440-280627-4)		3/16/21	08:07 Pacific	Water	Water	X	X				4	
MW-3-031621 (440-280627-5)		3/16/21	08:30 Pacific	Water	Water	X	X				4	
TW-3-031621 (440-280627-6)		3/16/21	08:51 Pacific	Water	Water	X	X				4	
SVE-1-031621 (440-280627-7)		3/16/21	09:15 Pacific	Water	Water	X	X				4	
SVE-2-031621 (440-280627-8)		3/16/21	09:33 Pacific	Water	Water	X	X				4	
SVE-3-031621 (440-280627-9)		3/16/21	09:57 Pacific	Water	Water	X	X				4	

Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience.

Possible Hazard Identification

Unconfirmed
 Deliverable Requested I, II, III, IV, Other (specify) _____ Primary Deliverable Rank. 2
 Special Instructions/QC Requirements _____

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Received by:	Date/Time:	Company:
<i>[Signature]</i>	03/17/21 16:50	ECI
Received by:	Date/Time:	Company:
<i>[Signature]</i>	03/17/21	EA
Received by:	Date/Time:	Company:

Cooler Temperature(s) °C and Other Remarks: 23/12



Chain of Custody Record



Environment Testing
 America

Client Information (Sub Contract Lab)		Sampler: Davidkov, Lena	Carrier Tracking No(s): 440-167090 2							
Client Contact: Shipping/Receiving		Lab PM: Davidkov, Lena	COC No: 440-167090 2							
Company: Eurofins Calscience LLC		E-Mail: Lena Davidkova@Eurofinset.com	Page: Page 2 of 3							
Address: 7440 Lincoln Way, Garden Grove, CA, 92841		State of Origin: California								
Phone: 714-895-5494(Tel) 714-894-7501(Fax)		Job #: 440-280627-1								
Email: [Redacted]		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other								
Due Date Requested: 3/29/2021		Analysis Requested								
TAT Requested (days):		M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)								
PO #:		Total Number of Containers								
WO #:		8260B_LL_5030C (MOD) Default/Ketones								
Project #: 44023004		8270C_SIM_MS_ID/3510C 1,4-Dioxane - SIM_MS_ID								
Site:		Perform MS/MSD (Yes or No)								
		Field Filtered Sample (Yes or No)								
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=organic, ET=EtOH, AN=AN)	Preservation Code	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270C_SIM_MS_ID/3510C 1,4-Dioxane - SIM_MS_ID	Total Number of Containers	Special Instructions/Note:
SVE-4-031621 (440-280627-10)	3/16/21	10:08 Pacific	Water	Water		X	X		4	
SVE-5-031621 (440-280627-11)	3/16/21	10:35 Pacific	Water	Water		X	X		4	
SVE-6-031621 (440-280627-12)	3/16/21	11:00 Pacific	Water	Water		X	X		4	
SVE-7-031621 (440-280627-13)	3/16/21	11:15 Pacific	Water	Water		X	X		4	
SVE-8-031621 (440-280627-14)	3/16/21	11:39 Pacific	Water	Water		X	X		4	
SVE-9-031621 (440-280627-15)	3/16/21	12:20 Pacific	Water	Water		X	X		4	
SVE-10-031621 (440-280627-16)	3/16/21	12:35 Pacific	Water	Water		X	X		4	
SVE-11-031621 (440-280627-17)	3/16/21	13:00 Pacific	Water	Water		X	X		4	
SVE-12-031621 (440-280627-18)	3/16/21	13:13 Pacific	Water	Water		X	X		4	

Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyze & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience.

Possible Hazard Identification
 Unconfirmed
 Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank 2
 Special Instructions/QC Requirements: Return To Client Disposal By Lab Archive For _____ Months

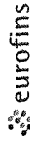
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Received by: [Signature]	Date/Time: 03/17/21 16:50	Company: ECA
Received by: [Signature]	Date/Time: 03/17/21	Company: ECA
Received by: [Signature]	Date/Time: 03/17/21	Company: ECA

Cooler Temperature(s) °C and Other Remarks: N/A



Chain of Custody Record



Client Information (Sub Contract Lab)		Lab PM Davidkov Lena	Carrier Tracking No(s): 440-167090 1
Client Contact: Shipping/Receiving		E-Mail Lena Davidkova@Eurofins.com	Page Page 1 of 3
Company Eurofins Calscience LLC		Accreditations Required (See note). State Program - California	
Address 7440 Lincoln Way		Job # 440-280627-1	
City Garden Grove		Preservation Codes	
State Zip CA, 92841		A HCL B NaOH C Zn Acetate D Nitric Acid E NaHSO4 F MeOH G Amchlor H Ascorbic Acid I Ice J DI Water K EDTA L- EDA Other	
Phone 714-895-5494(Tel) 714-894-7501(Fax)		M Hexane N None O AsNaO2 P Na2O4S Q Na2SO3 R Na2S2O3 S H2SO4 T TSP Dodecahydrate U Acetone V MCAA W pH 4-5 Z other (specify)	
Email			
Project Name Monthly In-situ Chemical Oxidation (ISCO)		Analysis Requested	
Site 44023004			
SSOW#			
Due Date Requested 3/29/2021		Total Number of Containers	
TAT Requested (days):			
PO #			
WO #			
Sample Date		Field Filtered Sample (Yes or No)	
Sample Time		Perform MS/MSD (Yes or No)	
Sample Type (C=comp, G=grab)		8268_LL/5030C (MOD) Default/Ketones	
Matrix (W=water, S=solid, O=wash/oil, BT=filter, A=alt)		8270C_SIM_MS_ID/3510C 14-Dioxane - SIM_MS_ID	
Preservation Code		Special Instructions/Note	
Sample Identification - Client ID (Lab ID)			
TB-031621 (440-280627 1)	3/16/21 06 00 Pacific Water	X	2
MW-8-031621 (440-280627 2)	3/16/21 07 37 Pacific Water	X	7
GECC-401-031621 (440 280627-3)	3/16/21 07 29 Pacific Water	X	4
MW 1-031621 (440 280627-4)	3/16/21 08 07 Pacific Water	X	4
MW 3-031621 (440-280627-5)	3/16/21 08 30 Pacific Water	X	4
TW-3-031621 (440-280627-6)	3/16/21 08 51 Pacific Water	X	4
SVE 1-031621 (440 280627 7)	3/16/21 09 15 Pacific Water	X	4
SVE 2-031621 (440-280627-8)	3/16/21 09 33 Pacific Water	X	4
SVE-3-031621 (440-280627-9)	3/16/21 09 57 Pacific Water	X	4

Note: Since laboratory accreditations are subject to change Eurofins Calscience places the ownership of method analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody if the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/matrix being analyzed the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience

Possible Hazard Identification
 Unconfirmed
 Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2
 Special Instructions/QC Requirements

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

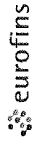
Empty Kit Relinquished by	Date	Time	Method of Shipment:
Relinquished by <i>[Signature]</i>	3/17/21	1650	
Relinquished by <i>[Signature]</i>	03/17/21	1800	
Relinquished by	Date/Time		

Company	Date/Time	Received by	Date/Time	Company
FC-IRV	03/17/21 1650	<i>[Signature]</i>	03/17/21 1650	ECI
EA	03/17/21 1800	<i>[Signature]</i>	03/17/21 1800	1800
Company	Date/Time	Received by	Date/Time	Company

Cooler Temperature(s) °C and Other Remarks: 23/12

Custody Seal No
 Yes No

Chain of Custody Record



Client Information (Sub Contract Lab)		Lab PM Davidkov Lena	Carmer Tracking No(s) 440-167090 2							
Client Contact Shipping/Receiving		E-Mail Lena Davidkova@Eurofins.com	Page Page 2 of 3							
Company Eurofins Calscience LLC		Job # 440-280627-1								
Address 7440 Lincoln Way		Preservation Codes A HCL M Hexane B - NaOH N None C Zn Acetate O AsNaO2 D Nitric Acid P Na2O4S E NaHSO4 Q Na2SO3 F MeOH R Na2SO3 G Amchlor S H2SO4 H Ascorbic Acid T TSP Dodecahydrate I Ice U Acetone J DIWater V MCAA K EDTA W pH 4-5 L EDA Z other (specify) Other:								
City Garden Grove		Analysis Requested								
State Zip CA. 92841		Total Number of containers								
Phone 714-895-5494(Tel) 714-894-7501(Fax)		8270C_SIM_MS_ID/3510C 1,4-Dioxane - SIM_MS_ID								
Email		8260B_LL/5030C (MOD) Default/Ketones								
Project Name Monthly In-situ Chemical Oxidation (ISCO)		Field Filtered Sample (Yes or No)								
Site 44023004		Perform MS/MSD (Yes or No)								
Due Date Requested 3/29/2021		Special Instructions/Note								
TAT Requested (days)		Special Instructions/Note								
PO #		Special Instructions/Note								
WO #		Special Instructions/Note								
Project # 44023004		Special Instructions/Note								
SSOWF#		Special Instructions/Note								
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=water/oil, BT=Tissue, A=Air)	Preservation Code	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270C_SIM_MS_ID/3510C 1,4-Dioxane - SIM_MS_ID	Total Number of containers	Special Instructions/Note
SVE-4-031621 (440 280627-10)	3/16/21	10:08 Pacific	Water	Water	X	X	4			
SVE-5-031621 (440 280627 11)	3/16/21	10:35 Pacific	Water	Water	X	X	4			
SVE-6-031621 (440 280627 12)	3/16/21	11:00 Pacific	Water	Water	X	X	4			
SVE 7-031621 (440 280627 13)	3/16/21	11:15 Pacific	Water	Water	X	X	4			
SVE-8-031621 (440-280627 14)	3/16/21	11:39 Pacific	Water	Water	X	X	4			
SVE-9-031621 (440-280627 15)	3/16/21	12:20 Pacific	Water	Water	X	X	4			
SVE 10-031621 (440 280627 16)	3/16/21	12:35 Pacific	Water	Water	X	X	4			
SVE 11-031621 (440-280627-17)	3/16/21	13:00 Pacific	Water	Water	X	X	4			
SVE 12-031621 (440-280627-18)	3/16/21	13:13 Pacific	Water	Water	X	X	4			

Note: Since laboratory accreditations are subject to change Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis of this matrix, being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience.

Possible Hazard Identification
 Unconfirmed
 Deliverable Requested I II III IV Other (specify) _____ Primary Deliverable Rank 2

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Special Instructions/QC Requirements

Empty Relinquished by:	Date	Method of Shipment:
Relinquished by: <i>[Signature]</i>	3/17/21 16:50	Company: <i>FC IRV</i>
Relinquished by: <i>[Signature]</i>	03/17/21 18:00	Company: <i>EA</i>
Relinquished by:	Date:	Company:

Cooler Temperature(s) °C and Other Remarks: *23/17*

Login Sample Receipt Checklist

Client: General Atomics

Job Number: 440-280627-1

Login Number: 280627

List Source: Eurofins Irvine

List Number: 1

Creator: Escalante, Maria I

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: General Atomics

Job Number: 440-280627-1

Login Number: 280627

List Source: Eurofins Calscience

List Number: 2

List Creation: 03/17/21 08:28 PM

Creator: Ortiz-Luis, Michael

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Isotope Dilution Summary

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280627-1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DXE (15-150)
440-280627-2	MW-8-031621	59
440-280627-3	GECC-401-031621	63
440-280627-3 MS	GECC-401-031621	61
440-280627-3 MSD	GECC-401-031621	52
440-280627-4	MW-1-031621	64
440-280627-5	MW-3-031621	64
440-280627-6	TW-3-031621	59
440-280627-7	SVE-1-031621	72
440-280627-8	SVE-2-031621	63
440-280627-9	SVE-3-031621	64
440-280627-10	SVE-4-031621	62
440-280627-11	SVE-5-031621	64
440-280627-12	SVE-6-031621	60
440-280627-13	SVE-7-031621	73
440-280627-14	SVE-8-031621	65
440-280627-15	SVE-9-031621	63
440-280627-16	SVE-10-031621	59
440-280627-17	SVE-11-031621	56
440-280627-18	SVE-12-031621	60
440-280627-19	SVE-13-031621	65
440-280627-20	SVE-14-031621	73
LCS 570-137106/2-A	Lab Control Sample	64
LCSD 570-137106/3-A	Lab Control Sample Dup	66
MB 570-137106/1-A	Method Blank	62

Surrogate Legend

DXE = 1,4-Dioxane-d8

ANALYTICAL REPORT

Eurofins Calscience Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

Laboratory Job ID: 440-280708-1

Client Project/Site: Monthly In-situ Chemical Oxidation (ISCO)
Revision: 2

For:
General Atomics
PO BOX 85608
San Diego, California 92138-5608

Attn: Anil Dharmapal



Authorized for release by:
4/19/2021 5:16:58 PM

Lena Davidkov, Project Manager II
(949)260-3229
Lena.Davidkova@Eurofinset.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



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www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.





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Sample Summary

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
440-280708-1	TB-031721	Water	03/17/21 06:00	03/17/21 19:10	
440-280708-2	SVE-15-031721	Water	03/17/21 07:53	03/17/21 19:10	
440-280708-3	SVE-16-031721	Water	03/17/21 08:00	03/17/21 19:10	
440-280708-4	MW-34-031721	Water	03/17/21 08:34	03/17/21 19:10	
440-280708-5	MW-35-031721	Water	03/17/21 09:07	03/17/21 19:10	
440-280708-6	MW-36-031721	Water	03/17/21 09:44	03/17/21 19:10	
440-280708-7	MW-7-031721	Water	03/17/21 10:13	03/17/21 19:10	
440-280708-8	MW-9-031721	Water	03/17/21 11:35	03/17/21 19:10	
440-280708-9	MW-33-031721	Water	03/17/21 12:19	03/17/21 19:10	
440-280708-10	MW-10-031721	Water	03/17/21 11:46	03/17/21 19:10	
440-280708-11	MW-10D-031721	Water	03/17/21 13:07	03/17/21 19:10	
440-280708-12	MW-17-031721	Water	03/17/21 13:37	03/17/21 19:10	
440-280708-13	DUP-1-031721	Water	03/17/21 00:01	03/17/21 19:10	



Case Narrative

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Job ID: 440-280708-1

Laboratory: Eurofins Calscience Irvine

Narrative

**Job Narrative
440-280708-1**

Comments

This report was revised to correct sampling time for sample MW-17-031721 to 13:37 and include QC data for Trichlorotrifluoroethane

Receipt

The samples were received on 3/17/2021 7:10 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.6° C and 2.5° C.

GC/MS VOA

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-138827.

Method 8260B: The following samples were diluted due to the nature of the sample matrix: SVE-15-031721 (440-280708-2), SVE-16-031721 (440-280708-3) and MW-34-031721 (440-280708-4). Elevated reporting limits (RLs) are provided.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with analytical batch 570-139233.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Client Sample ID: TB-031721

Lab Sample ID: 440-280708-1

Date Collected: 03/17/21 06:00

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			03/26/21 11:42	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			03/26/21 11:42	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/26/21 11:42	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			03/26/21 11:42	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			03/26/21 11:42	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			03/26/21 11:42	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			03/26/21 11:42	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			03/26/21 11:42	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			03/26/21 11:42	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			03/26/21 11:42	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			03/26/21 11:42	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			03/26/21 11:42	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			03/26/21 11:42	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			03/26/21 11:42	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			03/26/21 11:42	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			03/26/21 11:42	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			03/26/21 11:42	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			03/26/21 11:42	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			03/26/21 11:42	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			03/26/21 11:42	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			03/26/21 11:42	1
2-Hexanone	ND		6.0	4.3	ug/L			03/26/21 11:42	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			03/26/21 11:42	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			03/26/21 11:42	1
Acetone	ND		8.0	4.0	ug/L			03/26/21 11:42	1
Benzene	ND		0.50	0.27	ug/L			03/26/21 11:42	1
Bromobenzene	ND		0.50	0.26	ug/L			03/26/21 11:42	1
Bromoform	ND		0.50	0.39	ug/L			03/26/21 11:42	1
Bromomethane	ND		1.0	0.93	ug/L			03/26/21 11:42	1
Carbon disulfide	ND		1.0	0.24	ug/L			03/26/21 11:42	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			03/26/21 11:42	1
Chlorobenzene	ND		0.50	0.24	ug/L			03/26/21 11:42	1
Bromochloromethane	ND		1.0	0.35	ug/L			03/26/21 11:42	1
Chloroethane	ND		0.50	0.44	ug/L			03/26/21 11:42	1
Chloroform	ND		0.50	0.28	ug/L			03/26/21 11:42	1
Chloromethane	ND		1.0	0.29	ug/L			03/26/21 11:42	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			03/26/21 11:42	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			03/26/21 11:42	1
Dibromochloromethane	ND		0.50	0.27	ug/L			03/26/21 11:42	1
Dibromomethane	ND		0.50	0.23	ug/L			03/26/21 11:42	1
Bromodichloromethane	ND		0.50	0.22	ug/L			03/26/21 11:42	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/26/21 11:42	1
Ethylbenzene	ND		0.50	0.36	ug/L			03/26/21 11:42	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			03/26/21 11:42	1
Isopropylbenzene	ND		0.50	0.38	ug/L			03/26/21 11:42	1
m,p-Xylene	ND		1.0	0.78	ug/L			03/26/21 11:42	1
Methylene Chloride	ND		1.0	0.48	ug/L			03/26/21 11:42	1
Naphthalene	ND		1.0	0.32	ug/L			03/26/21 11:42	1
n-Butylbenzene	ND		0.50	0.29	ug/L			03/26/21 11:42	1

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Client Sample ID: TB-031721

Lab Sample ID: 440-280708-1

Date Collected: 03/17/21 06:00

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.50	0.39	ug/L			03/26/21 11:42	1
o-Xylene	ND		0.50	0.35	ug/L			03/26/21 11:42	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			03/26/21 11:42	1
Styrene	ND		0.50	0.28	ug/L			03/26/21 11:42	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			03/26/21 11:42	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			03/26/21 11:42	1
Toluene	ND		0.50	0.33	ug/L			03/26/21 11:42	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			03/26/21 11:42	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/26/21 11:42	1
Trichloroethene	ND		0.50	0.29	ug/L			03/26/21 11:42	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			03/26/21 11:42	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			03/26/21 11:42	1
Vinyl chloride	ND		0.50	0.40	ug/L			03/26/21 11:42	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			03/26/21 11:42	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			03/26/21 11:42	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			03/26/21 11:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		68 - 135					03/26/21 11:42	1
Dibromofluoromethane (Surr)	96		80 - 120					03/26/21 11:42	1
Toluene-d8 (Surr)	100		80 - 120					03/26/21 11:42	1
4-Bromofluorobenzene (Surr)	96		71 - 120					03/26/21 11:42	1

Client Sample ID: SVE-15-031721

Lab Sample ID: 440-280708-2

Date Collected: 03/17/21 07:53

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		2.0	1.3	ug/L			03/26/21 13:12	4
1,1,1,2-Tetrachloroethane	ND		2.0	1.0	ug/L			03/26/21 13:12	4
1,1,1-Trichloroethane	ND		2.0	1.1	ug/L			03/26/21 13:12	4
1,1,1,2-Tetrachloroethane	ND		2.0	0.78	ug/L			03/26/21 13:12	4
1,1,2-Trichloroethane	ND		2.0	0.34	ug/L			03/26/21 13:12	4
1,1-Dichloroethane	ND		2.0	1.4	ug/L			03/26/21 13:12	4
1,1-Dichloroethene	ND		2.0	1.6	ug/L			03/26/21 13:12	4
1,1-Dichloropropene	ND		2.0	0.97	ug/L			03/26/21 13:12	4
1,2,3-Trichlorobenzene	ND		2.0	1.1	ug/L			03/26/21 13:12	4
1,2,4-Trichlorobenzene	ND		2.0	1.5	ug/L			03/26/21 13:12	4
1,2,4-Trimethylbenzene	ND		2.0	1.1	ug/L			03/26/21 13:12	4
1,2-Dibromo-3-Chloropropane	ND		4.0	2.6	ug/L			03/26/21 13:12	4
1,2-Dichlorobenzene	ND		2.0	0.92	ug/L			03/26/21 13:12	4
1,2-Dichloroethane	ND		2.0	0.60	ug/L			03/26/21 13:12	4
1,2-Dichloropropane	ND		2.0	0.96	ug/L			03/26/21 13:12	4
1,3,5-Trimethylbenzene	ND		2.0	1.1	ug/L			03/26/21 13:12	4
1,3-Dichlorobenzene	ND		2.0	1.0	ug/L			03/26/21 13:12	4
1,3-Dichloropropane	ND		2.0	0.82	ug/L			03/26/21 13:12	4
1,4-Dichlorobenzene	ND		2.0	0.90	ug/L			03/26/21 13:12	4
2,2-Dichloropropane	ND		2.0	1.6	ug/L			03/26/21 13:12	4
2-Chlorotoluene	ND		2.0	1.2	ug/L			03/26/21 13:12	4

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Client Sample ID: SVE-15-031721

Lab Sample ID: 440-280708-2

Date Collected: 03/17/21 07:53

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	ND		24	17	ug/L			03/26/21 13:12	4
4-Chlorotoluene	ND		2.0	1.3	ug/L			03/26/21 13:12	4
4-Isopropyltoluene	ND		2.0	1.1	ug/L			03/26/21 13:12	4
Acetone	64		32	16	ug/L			03/26/21 13:12	4
Benzene	ND		2.0	1.1	ug/L			03/26/21 13:12	4
Bromobenzene	ND		2.0	1.0	ug/L			03/26/21 13:12	4
Bromoform	71		2.0	1.6	ug/L			03/26/21 13:12	4
Bromomethane	ND		4.0	3.7	ug/L			03/26/21 13:12	4
Carbon disulfide	ND		4.0	0.98	ug/L			03/26/21 13:12	4
Carbon tetrachloride	ND		2.0	1.1	ug/L			03/26/21 13:12	4
Chlorobenzene	ND		2.0	0.95	ug/L			03/26/21 13:12	4
Bromochloromethane	ND		4.0	1.4	ug/L			03/26/21 13:12	4
Chloroethane	ND		2.0	1.8	ug/L			03/26/21 13:12	4
Chloroform	3.3		2.0	1.1	ug/L			03/26/21 13:12	4
Chloromethane	ND		4.0	1.2	ug/L			03/26/21 13:12	4
cis-1,2-Dichloroethene	ND		2.0	1.2	ug/L			03/26/21 13:12	4
cis-1,3-Dichloropropene	ND		2.0	0.77	ug/L			03/26/21 13:12	4
Dibromochloromethane	3.9		2.0	1.1	ug/L			03/26/21 13:12	4
Dibromomethane	2.4		2.0	0.92	ug/L			03/26/21 13:12	4
Bromodichloromethane	ND		2.0	0.89	ug/L			03/26/21 13:12	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			03/26/21 13:12	4
Ethylbenzene	ND		2.0	1.4	ug/L			03/26/21 13:12	4
Hexachlorobutadiene	ND		4.0	1.3	ug/L			03/26/21 13:12	4
Isopropylbenzene	ND		2.0	1.5	ug/L			03/26/21 13:12	4
m,p-Xylene	ND		4.0	3.1	ug/L			03/26/21 13:12	4
Methylene Chloride	ND		4.0	1.9	ug/L			03/26/21 13:12	4
Naphthalene	ND		4.0	1.3	ug/L			03/26/21 13:12	4
n-Butylbenzene	ND		2.0	1.2	ug/L			03/26/21 13:12	4
N-Propylbenzene	ND		2.0	1.6	ug/L			03/26/21 13:12	4
o-Xylene	ND		2.0	1.4	ug/L			03/26/21 13:12	4
sec-Butylbenzene	ND		2.0	1.4	ug/L			03/26/21 13:12	4
Styrene	ND		2.0	1.1	ug/L			03/26/21 13:12	4
tert-Butylbenzene	ND		2.0	1.4	ug/L			03/26/21 13:12	4
Tetrachloroethene (PCE)	ND		2.0	1.2	ug/L			03/26/21 13:12	4
Toluene	ND		2.0	1.3	ug/L			03/26/21 13:12	4
trans-1,2-Dichloroethene	ND		2.0	1.4	ug/L			03/26/21 13:12	4
trans-1,3-Dichloropropene	ND		2.0	0.69	ug/L			03/26/21 13:12	4
Trichloroethene	ND		2.0	1.2	ug/L			03/26/21 13:12	4
Trichlorofluoromethane	1.4 J		2.0	1.2	ug/L			03/26/21 13:12	4
Trichlorotrifluoroethane	ND		2.0	1.0	ug/L			03/26/21 13:12	4
Vinyl chloride	ND		2.0	1.6	ug/L			03/26/21 13:12	4
1,2-Dibromoethane (EDB)	ND		2.0	0.55	ug/L			03/26/21 13:12	4
2-Butanone (MEK)	ND		20	12	ug/L			03/26/21 13:12	4
4-Methyl-2-pentanone (MIBK)	ND		20	9.0	ug/L			03/26/21 13:12	4
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		68 - 135					03/26/21 13:12	4
Dibromofluoromethane (Surr)	101		80 - 120					03/26/21 13:12	4
Toluene-d8 (Surr)	105		80 - 120					03/26/21 13:12	4
4-Bromofluorobenzene (Surr)	98		71 - 120					03/26/21 13:12	4

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Client Sample ID: SVE-15-031721

Lab Sample ID: 440-280708-2

Date Collected: 03/17/21 07:53

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50	0.34	ug/L		03/20/21 09:51	03/22/21 20:16	1
Isotope Dilution									
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	69		15 - 150				03/20/21 09:51	03/22/21 20:16	1
Surrogate									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	97		46 - 128				03/20/21 09:51	03/22/21 20:16	1

Client Sample ID: SVE-16-031721

Lab Sample ID: 440-280708-3

Date Collected: 03/17/21 08:00

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		2.0	1.3	ug/L			03/26/21 13:41	4
1,1,1,2-Tetrachloroethane	ND		2.0	1.0	ug/L			03/26/21 13:41	4
1,1,1-Trichloroethane	ND		2.0	1.1	ug/L			03/26/21 13:41	4
1,1,2,2-Tetrachloroethane	ND		2.0	0.78	ug/L			03/26/21 13:41	4
1,1,2-Trichloroethane	ND		2.0	0.34	ug/L			03/26/21 13:41	4
1,1-Dichloroethane	ND		2.0	1.4	ug/L			03/26/21 13:41	4
1,1-Dichloroethene	ND		2.0	1.6	ug/L			03/26/21 13:41	4
1,1-Dichloropropene	ND		2.0	0.97	ug/L			03/26/21 13:41	4
1,2,3-Trichlorobenzene	ND		2.0	1.1	ug/L			03/26/21 13:41	4
1,2,4-Trichlorobenzene	ND		2.0	1.5	ug/L			03/26/21 13:41	4
1,2,4-Trimethylbenzene	ND		2.0	1.1	ug/L			03/26/21 13:41	4
1,2-Dibromo-3-Chloropropane	ND		4.0	2.6	ug/L			03/26/21 13:41	4
1,2-Dichlorobenzene	ND		2.0	0.92	ug/L			03/26/21 13:41	4
1,2-Dichloroethane	ND		2.0	0.60	ug/L			03/26/21 13:41	4
1,2-Dichloropropane	ND		2.0	0.96	ug/L			03/26/21 13:41	4
1,3,5-Trimethylbenzene	ND		2.0	1.1	ug/L			03/26/21 13:41	4
1,3-Dichlorobenzene	ND		2.0	1.0	ug/L			03/26/21 13:41	4
1,3-Dichloropropane	ND		2.0	0.82	ug/L			03/26/21 13:41	4
1,4-Dichlorobenzene	ND		2.0	0.90	ug/L			03/26/21 13:41	4
2,2-Dichloropropane	ND		2.0	1.6	ug/L			03/26/21 13:41	4
2-Chlorotoluene	ND		2.0	1.2	ug/L			03/26/21 13:41	4
2-Hexanone	ND		24	17	ug/L			03/26/21 13:41	4
4-Chlorotoluene	ND		2.0	1.3	ug/L			03/26/21 13:41	4
4-Isopropyltoluene	ND		2.0	1.1	ug/L			03/26/21 13:41	4
Acetone	75		32	16	ug/L			03/26/21 13:41	4
Benzene	ND		2.0	1.1	ug/L			03/26/21 13:41	4
Bromobenzene	ND		2.0	1.0	ug/L			03/26/21 13:41	4
Bromoform	ND		2.0	1.6	ug/L			03/26/21 13:41	4
Bromomethane	ND		4.0	3.7	ug/L			03/26/21 13:41	4
Carbon disulfide	ND		4.0	0.98	ug/L			03/26/21 13:41	4
Carbon tetrachloride	ND		2.0	1.1	ug/L			03/26/21 13:41	4
Chlorobenzene	ND		2.0	0.95	ug/L			03/26/21 13:41	4
Bromochloromethane	ND		4.0	1.4	ug/L			03/26/21 13:41	4
Chloroethane	ND		2.0	1.8	ug/L			03/26/21 13:41	4
Chloroform	1.3 J		2.0	1.1	ug/L			03/26/21 13:41	4
Chloromethane	ND		4.0	1.2	ug/L			03/26/21 13:41	4
cis-1,2-Dichloroethene	ND		2.0	1.2	ug/L			03/26/21 13:41	4

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Client Sample ID: SVE-16-031721

Lab Sample ID: 440-280708-3

Date Collected: 03/17/21 08:00

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		2.0	0.77	ug/L			03/26/21 13:41	4
Dibromochloromethane	ND		2.0	1.1	ug/L			03/26/21 13:41	4
Dibromomethane	ND		2.0	0.92	ug/L			03/26/21 13:41	4
Bromodichloromethane	ND		2.0	0.89	ug/L			03/26/21 13:41	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			03/26/21 13:41	4
Ethylbenzene	ND		2.0	1.4	ug/L			03/26/21 13:41	4
Hexachlorobutadiene	ND		4.0	1.3	ug/L			03/26/21 13:41	4
Isopropylbenzene	ND		2.0	1.5	ug/L			03/26/21 13:41	4
m,p-Xylene	ND		4.0	3.1	ug/L			03/26/21 13:41	4
Methylene Chloride	ND		4.0	1.9	ug/L			03/26/21 13:41	4
Naphthalene	ND		4.0	1.3	ug/L			03/26/21 13:41	4
n-Butylbenzene	ND		2.0	1.2	ug/L			03/26/21 13:41	4
N-Propylbenzene	ND		2.0	1.6	ug/L			03/26/21 13:41	4
o-Xylene	ND		2.0	1.4	ug/L			03/26/21 13:41	4
sec-Butylbenzene	ND		2.0	1.4	ug/L			03/26/21 13:41	4
Styrene	ND		2.0	1.1	ug/L			03/26/21 13:41	4
tert-Butylbenzene	ND		2.0	1.4	ug/L			03/26/21 13:41	4
Tetrachloroethene (PCE)	ND		2.0	1.2	ug/L			03/26/21 13:41	4
Toluene	ND		2.0	1.3	ug/L			03/26/21 13:41	4
trans-1,2-Dichloroethene	ND		2.0	1.4	ug/L			03/26/21 13:41	4
trans-1,3-Dichloropropene	ND		2.0	0.69	ug/L			03/26/21 13:41	4
Trichloroethene	ND		2.0	1.2	ug/L			03/26/21 13:41	4
Trichlorofluoromethane	ND		2.0	1.2	ug/L			03/26/21 13:41	4
Trichlorotrifluoroethane	ND		2.0	1.0	ug/L			03/26/21 13:41	4
Vinyl chloride	ND		2.0	1.6	ug/L			03/26/21 13:41	4
1,2-Dibromoethane (EDB)	ND		2.0	0.55	ug/L			03/26/21 13:41	4
2-Butanone (MEK)	ND		20	12	ug/L			03/26/21 13:41	4
4-Methyl-2-pentanone (MIBK)	ND		20	9.0	ug/L			03/26/21 13:41	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		68 - 135		03/26/21 13:41	4
Dibromofluoromethane (Surr)	101		80 - 120		03/26/21 13:41	4
Toluene-d8 (Surr)	104		80 - 120		03/26/21 13:41	4
4-Bromofluorobenzene (Surr)	98		71 - 120		03/26/21 13:41	4

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50	0.34	ug/L		03/20/21 09:51	03/22/21 20:31	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	61		15 - 150	03/20/21 09:51	03/22/21 20:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	107		46 - 128	03/20/21 09:51	03/22/21 20:31	1

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Client Sample ID: MW-34-031721

Lab Sample ID: 440-280708-4

Date Collected: 03/17/21 08:34

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		2.0	1.3	ug/L			03/26/21 14:11	4
1,1,1,2-Tetrachloroethane	ND		2.0	1.0	ug/L			03/26/21 14:11	4
1,1,1-Trichloroethane	ND		2.0	1.1	ug/L			03/26/21 14:11	4
1,1,2,2-Tetrachloroethane	ND		2.0	0.78	ug/L			03/26/21 14:11	4
1,1,2-Trichloroethane	ND		2.0	0.34	ug/L			03/26/21 14:11	4
1,1-Dichloroethane	ND		2.0	1.4	ug/L			03/26/21 14:11	4
1,1-Dichloroethene	ND		2.0	1.6	ug/L			03/26/21 14:11	4
1,1-Dichloropropene	ND		2.0	0.97	ug/L			03/26/21 14:11	4
1,2,3-Trichlorobenzene	ND		2.0	1.1	ug/L			03/26/21 14:11	4
1,2,4-Trichlorobenzene	ND		2.0	1.5	ug/L			03/26/21 14:11	4
1,2,4-Trimethylbenzene	ND		2.0	1.1	ug/L			03/26/21 14:11	4
1,2-Dibromo-3-Chloropropane	ND		4.0	2.6	ug/L			03/26/21 14:11	4
1,2-Dichlorobenzene	ND		2.0	0.92	ug/L			03/26/21 14:11	4
1,2-Dichloroethane	ND		2.0	0.60	ug/L			03/26/21 14:11	4
1,2-Dichloropropane	ND		2.0	0.96	ug/L			03/26/21 14:11	4
1,3,5-Trimethylbenzene	ND		2.0	1.1	ug/L			03/26/21 14:11	4
1,3-Dichlorobenzene	ND		2.0	1.0	ug/L			03/26/21 14:11	4
1,3-Dichloropropane	ND		2.0	0.82	ug/L			03/26/21 14:11	4
1,4-Dichlorobenzene	ND		2.0	0.90	ug/L			03/26/21 14:11	4
2,2-Dichloropropane	ND		2.0	1.6	ug/L			03/26/21 14:11	4
2-Chlorotoluene	ND		2.0	1.2	ug/L			03/26/21 14:11	4
2-Hexanone	ND		24	17	ug/L			03/26/21 14:11	4
4-Chlorotoluene	ND		2.0	1.3	ug/L			03/26/21 14:11	4
4-Isopropyltoluene	ND		2.0	1.1	ug/L			03/26/21 14:11	4
Acetone	160		32	16	ug/L			03/26/21 14:11	4
Benzene	ND		2.0	1.1	ug/L			03/26/21 14:11	4
Bromobenzene	ND		2.0	1.0	ug/L			03/26/21 14:11	4
Bromoform	ND		2.0	1.6	ug/L			03/26/21 14:11	4
Bromomethane	ND		4.0	3.7	ug/L			03/26/21 14:11	4
Carbon disulfide	ND		4.0	0.98	ug/L			03/26/21 14:11	4
Carbon tetrachloride	ND		2.0	1.1	ug/L			03/26/21 14:11	4
Chlorobenzene	ND		2.0	0.95	ug/L			03/26/21 14:11	4
Bromochloromethane	ND		4.0	1.4	ug/L			03/26/21 14:11	4
Chloroethane	ND		2.0	1.8	ug/L			03/26/21 14:11	4
Chloroform	4.4		2.0	1.1	ug/L			03/26/21 14:11	4
Chloromethane	ND		4.0	1.2	ug/L			03/26/21 14:11	4
cis-1,2-Dichloroethene	ND		2.0	1.2	ug/L			03/26/21 14:11	4
cis-1,3-Dichloropropene	ND		2.0	0.77	ug/L			03/26/21 14:11	4
Dibromochloromethane	2.9		2.0	1.1	ug/L			03/26/21 14:11	4
Dibromomethane	ND		2.0	0.92	ug/L			03/26/21 14:11	4
Bromodichloromethane	3.2		2.0	0.89	ug/L			03/26/21 14:11	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			03/26/21 14:11	4
Ethylbenzene	ND		2.0	1.4	ug/L			03/26/21 14:11	4
Hexachlorobutadiene	ND		4.0	1.3	ug/L			03/26/21 14:11	4
Isopropylbenzene	ND		2.0	1.5	ug/L			03/26/21 14:11	4
m,p-Xylene	ND		4.0	3.1	ug/L			03/26/21 14:11	4
Methylene Chloride	ND		4.0	1.9	ug/L			03/26/21 14:11	4
Naphthalene	ND		4.0	1.3	ug/L			03/26/21 14:11	4
n-Butylbenzene	ND		2.0	1.2	ug/L			03/26/21 14:11	4

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Client Sample ID: MW-34-031721

Lab Sample ID: 440-280708-4

Date Collected: 03/17/21 08:34

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		2.0	1.6	ug/L			03/26/21 14:11	4
o-Xylene	ND		2.0	1.4	ug/L			03/26/21 14:11	4
sec-Butylbenzene	ND		2.0	1.4	ug/L			03/26/21 14:11	4
Styrene	ND		2.0	1.1	ug/L			03/26/21 14:11	4
tert-Butylbenzene	ND		2.0	1.4	ug/L			03/26/21 14:11	4
Tetrachloroethene (PCE)	ND		2.0	1.2	ug/L			03/26/21 14:11	4
Toluene	ND		2.0	1.3	ug/L			03/26/21 14:11	4
trans-1,2-Dichloroethene	ND		2.0	1.4	ug/L			03/26/21 14:11	4
trans-1,3-Dichloropropene	ND		2.0	0.69	ug/L			03/26/21 14:11	4
Trichloroethene	ND		2.0	1.2	ug/L			03/26/21 14:11	4
Trichlorofluoromethane	ND		2.0	1.2	ug/L			03/26/21 14:11	4
Trichlorotrifluoroethane	ND		2.0	1.0	ug/L			03/26/21 14:11	4
Vinyl chloride	ND		2.0	1.6	ug/L			03/26/21 14:11	4
1,2-Dibromoethane (EDB)	ND		2.0	0.55	ug/L			03/26/21 14:11	4
2-Butanone (MEK)	ND		20	12	ug/L			03/26/21 14:11	4
4-Methyl-2-pentanone (MIBK)	ND		20	9.0	ug/L			03/26/21 14:11	4
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		68 - 135					03/26/21 14:11	4
Dibromofluoromethane (Surr)	94		80 - 120					03/26/21 14:11	4
Toluene-d8 (Surr)	101		80 - 120					03/26/21 14:11	4
4-Bromofluorobenzene (Surr)	98		71 - 120					03/26/21 14:11	4

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50	0.34	ug/L		03/20/21 09:51	03/22/21 20:46	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	69		15 - 150				03/20/21 09:51	03/22/21 20:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	101		46 - 128				03/20/21 09:51	03/22/21 20:46	1

Client Sample ID: MW-35-031721

Lab Sample ID: 440-280708-5

Date Collected: 03/17/21 09:07

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			03/26/21 14:41	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			03/26/21 14:41	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/26/21 14:41	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			03/26/21 14:41	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			03/26/21 14:41	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			03/26/21 14:41	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			03/26/21 14:41	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			03/26/21 14:41	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			03/26/21 14:41	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			03/26/21 14:41	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			03/26/21 14:41	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			03/26/21 14:41	1

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Client Sample ID: MW-35-031721

Lab Sample ID: 440-280708-5

Date Collected: 03/17/21 09:07

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			03/26/21 14:41	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			03/26/21 14:41	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			03/26/21 14:41	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			03/26/21 14:41	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			03/26/21 14:41	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			03/26/21 14:41	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			03/26/21 14:41	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			03/26/21 14:41	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			03/26/21 14:41	1
2-Hexanone	ND		6.0	4.3	ug/L			03/26/21 14:41	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			03/26/21 14:41	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			03/26/21 14:41	1
Acetone	79		8.0	4.0	ug/L			03/26/21 14:41	1
Benzene	ND		0.50	0.27	ug/L			03/26/21 14:41	1
Bromobenzene	ND		0.50	0.26	ug/L			03/26/21 14:41	1
Bromoform	6.8		0.50	0.39	ug/L			03/26/21 14:41	1
Bromomethane	ND		1.0	0.93	ug/L			03/26/21 14:41	1
Carbon disulfide	ND		1.0	0.24	ug/L			03/26/21 14:41	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			03/26/21 14:41	1
Chlorobenzene	ND		0.50	0.24	ug/L			03/26/21 14:41	1
Bromochloromethane	ND		1.0	0.35	ug/L			03/26/21 14:41	1
Chloroethane	ND		0.50	0.44	ug/L			03/26/21 14:41	1
Chloroform	2.9		0.50	0.28	ug/L			03/26/21 14:41	1
Chloromethane	ND		1.0	0.29	ug/L			03/26/21 14:41	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			03/26/21 14:41	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			03/26/21 14:41	1
Dibromochloromethane	2.0		0.50	0.27	ug/L			03/26/21 14:41	1
Dibromomethane	ND		0.50	0.23	ug/L			03/26/21 14:41	1
Bromodichloromethane	2.2		0.50	0.22	ug/L			03/26/21 14:41	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/26/21 14:41	1
Ethylbenzene	ND		0.50	0.36	ug/L			03/26/21 14:41	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			03/26/21 14:41	1
Isopropylbenzene	ND		0.50	0.38	ug/L			03/26/21 14:41	1
m,p-Xylene	ND		1.0	0.78	ug/L			03/26/21 14:41	1
Methylene Chloride	0.50 J		1.0	0.48	ug/L			03/26/21 14:41	1
Naphthalene	ND		1.0	0.32	ug/L			03/26/21 14:41	1
n-Butylbenzene	ND		0.50	0.29	ug/L			03/26/21 14:41	1
N-Propylbenzene	ND		0.50	0.39	ug/L			03/26/21 14:41	1
o-Xylene	ND		0.50	0.35	ug/L			03/26/21 14:41	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			03/26/21 14:41	1
Styrene	ND		0.50	0.28	ug/L			03/26/21 14:41	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			03/26/21 14:41	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			03/26/21 14:41	1
Toluene	ND		0.50	0.33	ug/L			03/26/21 14:41	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			03/26/21 14:41	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/26/21 14:41	1
Trichloroethene	ND		0.50	0.29	ug/L			03/26/21 14:41	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			03/26/21 14:41	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			03/26/21 14:41	1

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Client Sample ID: MW-35-031721

Lab Sample ID: 440-280708-5

Date Collected: 03/17/21 09:07

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.50	0.40	ug/L			03/26/21 14:41	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			03/26/21 14:41	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			03/26/21 14:41	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			03/26/21 14:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		68 - 135					03/26/21 14:41	1
Dibromofluoromethane (Surr)	94		80 - 120					03/26/21 14:41	1
Toluene-d8 (Surr)	100		80 - 120					03/26/21 14:41	1
4-Bromofluorobenzene (Surr)	98		71 - 120					03/26/21 14:41	1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50	0.34	ug/L		03/20/21 09:51	03/22/21 21:00	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	61		15 - 150				03/20/21 09:51	03/22/21 21:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	104		46 - 128				03/20/21 09:51	03/22/21 21:00	1

Client Sample ID: MW-36-031721

Lab Sample ID: 440-280708-6

Date Collected: 03/17/21 09:44

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			03/26/21 15:11	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			03/26/21 15:11	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/26/21 15:11	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			03/26/21 15:11	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			03/26/21 15:11	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			03/26/21 15:11	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			03/26/21 15:11	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			03/26/21 15:11	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			03/26/21 15:11	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			03/26/21 15:11	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			03/26/21 15:11	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			03/26/21 15:11	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			03/26/21 15:11	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			03/26/21 15:11	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			03/26/21 15:11	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			03/26/21 15:11	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			03/26/21 15:11	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			03/26/21 15:11	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			03/26/21 15:11	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			03/26/21 15:11	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			03/26/21 15:11	1
2-Hexanone	ND		6.0	4.3	ug/L			03/26/21 15:11	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			03/26/21 15:11	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			03/26/21 15:11	1

Eurofins Calscience Irvine

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Client Sample ID: MW-36-031721

Lab Sample ID: 440-280708-6

Date Collected: 03/17/21 09:44

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	26		8.0	4.0	ug/L			03/26/21 15:11	1
Benzene	ND		0.50	0.27	ug/L			03/26/21 15:11	1
Bromobenzene	ND		0.50	0.26	ug/L			03/26/21 15:11	1
Bromoform	ND		0.50	0.39	ug/L			03/26/21 15:11	1
Bromomethane	ND		1.0	0.93	ug/L			03/26/21 15:11	1
Carbon disulfide	ND		1.0	0.24	ug/L			03/26/21 15:11	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			03/26/21 15:11	1
Chlorobenzene	ND		0.50	0.24	ug/L			03/26/21 15:11	1
Bromochloromethane	ND		1.0	0.35	ug/L			03/26/21 15:11	1
Chloroethane	ND		0.50	0.44	ug/L			03/26/21 15:11	1
Chloroform	1.6		0.50	0.28	ug/L			03/26/21 15:11	1
Chloromethane	ND		1.0	0.29	ug/L			03/26/21 15:11	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			03/26/21 15:11	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			03/26/21 15:11	1
Dibromochloromethane	ND		0.50	0.27	ug/L			03/26/21 15:11	1
Dibromomethane	ND		0.50	0.23	ug/L			03/26/21 15:11	1
Bromodichloromethane	ND		0.50	0.22	ug/L			03/26/21 15:11	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/26/21 15:11	1
Ethylbenzene	ND		0.50	0.36	ug/L			03/26/21 15:11	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			03/26/21 15:11	1
Isopropylbenzene	ND		0.50	0.38	ug/L			03/26/21 15:11	1
m,p-Xylene	ND		1.0	0.78	ug/L			03/26/21 15:11	1
Methylene Chloride	ND		1.0	0.48	ug/L			03/26/21 15:11	1
Naphthalene	ND		1.0	0.32	ug/L			03/26/21 15:11	1
n-Butylbenzene	ND		0.50	0.29	ug/L			03/26/21 15:11	1
N-Propylbenzene	ND		0.50	0.39	ug/L			03/26/21 15:11	1
o-Xylene	ND		0.50	0.35	ug/L			03/26/21 15:11	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			03/26/21 15:11	1
Styrene	ND		0.50	0.28	ug/L			03/26/21 15:11	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			03/26/21 15:11	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			03/26/21 15:11	1
Toluene	ND		0.50	0.33	ug/L			03/26/21 15:11	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			03/26/21 15:11	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/26/21 15:11	1
Trichloroethene	ND		0.50	0.29	ug/L			03/26/21 15:11	1
Trichlorofluoromethane	0.53		0.50	0.30	ug/L			03/26/21 15:11	1
Trichlorotrifluoroethane	0.65		0.50	0.25	ug/L			03/26/21 15:11	1
Vinyl chloride	ND		0.50	0.40	ug/L			03/26/21 15:11	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			03/26/21 15:11	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			03/26/21 15:11	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			03/26/21 15:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		68 - 135		03/26/21 15:11	1
Dibromofluoromethane (Surr)	96		80 - 120		03/26/21 15:11	1
Toluene-d8 (Surr)	101		80 - 120		03/26/21 15:11	1
4-Bromofluorobenzene (Surr)	95		71 - 120		03/26/21 15:11	1

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Client Sample ID: MW-36-031721

Lab Sample ID: 440-280708-6

Date Collected: 03/17/21 09:44

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50	0.34	ug/L		03/20/21 09:51	03/22/21 21:15	1
Isotope Dilution									
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	55		15 - 150				03/20/21 09:51	03/22/21 21:15	1
Surrogate									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	118		46 - 128				03/20/21 09:51	03/22/21 21:15	1

Client Sample ID: MW-7-031721

Lab Sample ID: 440-280708-7

Date Collected: 03/17/21 10:13

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			03/26/21 15:41	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			03/26/21 15:41	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/26/21 15:41	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			03/26/21 15:41	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			03/26/21 15:41	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			03/26/21 15:41	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			03/26/21 15:41	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			03/26/21 15:41	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			03/26/21 15:41	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			03/26/21 15:41	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			03/26/21 15:41	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			03/26/21 15:41	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			03/26/21 15:41	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			03/26/21 15:41	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			03/26/21 15:41	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			03/26/21 15:41	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			03/26/21 15:41	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			03/26/21 15:41	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			03/26/21 15:41	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			03/26/21 15:41	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			03/26/21 15:41	1
2-Hexanone	ND		6.0	4.3	ug/L			03/26/21 15:41	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			03/26/21 15:41	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			03/26/21 15:41	1
Acetone	35		8.0	4.0	ug/L			03/26/21 15:41	1
Benzene	ND		0.50	0.27	ug/L			03/26/21 15:41	1
Bromobenzene	ND		0.50	0.26	ug/L			03/26/21 15:41	1
Bromoform	ND		0.50	0.39	ug/L			03/26/21 15:41	1
Bromomethane	ND		1.0	0.93	ug/L			03/26/21 15:41	1
Carbon disulfide	1.2		1.0	0.24	ug/L			03/26/21 15:41	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			03/26/21 15:41	1
Chlorobenzene	ND		0.50	0.24	ug/L			03/26/21 15:41	1
Bromochloromethane	ND		1.0	0.35	ug/L			03/26/21 15:41	1
Chloroethane	ND		0.50	0.44	ug/L			03/26/21 15:41	1
Chloroform	ND		0.50	0.28	ug/L			03/26/21 15:41	1
Chloromethane	ND		1.0	0.29	ug/L			03/26/21 15:41	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			03/26/21 15:41	1

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Client Sample ID: MW-7-031721

Lab Sample ID: 440-280708-7

Date Collected: 03/17/21 10:13

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			03/26/21 15:41	1
Dibromochloromethane	0.28	J	0.50	0.27	ug/L			03/26/21 15:41	1
Dibromomethane	ND		0.50	0.23	ug/L			03/26/21 15:41	1
Bromodichloromethane	ND		0.50	0.22	ug/L			03/26/21 15:41	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/26/21 15:41	1
Ethylbenzene	ND		0.50	0.36	ug/L			03/26/21 15:41	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			03/26/21 15:41	1
Isopropylbenzene	ND		0.50	0.38	ug/L			03/26/21 15:41	1
m,p-Xylene	ND		1.0	0.78	ug/L			03/26/21 15:41	1
Methylene Chloride	ND		1.0	0.48	ug/L			03/26/21 15:41	1
Naphthalene	ND		1.0	0.32	ug/L			03/26/21 15:41	1
n-Butylbenzene	ND		0.50	0.29	ug/L			03/26/21 15:41	1
N-Propylbenzene	ND		0.50	0.39	ug/L			03/26/21 15:41	1
o-Xylene	ND		0.50	0.35	ug/L			03/26/21 15:41	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			03/26/21 15:41	1
Styrene	ND		0.50	0.28	ug/L			03/26/21 15:41	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			03/26/21 15:41	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			03/26/21 15:41	1
Toluene	ND		0.50	0.33	ug/L			03/26/21 15:41	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			03/26/21 15:41	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/26/21 15:41	1
Trichloroethene	ND		0.50	0.29	ug/L			03/26/21 15:41	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			03/26/21 15:41	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			03/26/21 15:41	1
Vinyl chloride	ND		0.50	0.40	ug/L			03/26/21 15:41	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			03/26/21 15:41	1
2-Butanone (MEK)	10		5.0	3.0	ug/L			03/26/21 15:41	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			03/26/21 15:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		68 - 135		03/26/21 15:41	1
Dibromofluoromethane (Surr)	99		80 - 120		03/26/21 15:41	1
Toluene-d8 (Surr)	107		80 - 120		03/26/21 15:41	1
4-Bromofluorobenzene (Surr)	96		71 - 120		03/26/21 15:41	1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50	0.34	ug/L		03/20/21 09:51	03/22/21 21:30	1
Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1,4-Dioxane-d8	73		15 - 150	03/20/21 09:51	03/22/21 21:30	1			
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
Nitrobenzene-d5 (Surr)	121		46 - 128	03/20/21 09:51	03/22/21 21:30	1			

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Client Sample ID: MW-9-031721

Lab Sample ID: 440-280708-8

Date Collected: 03/17/21 11:35

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			03/26/21 16:11	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			03/26/21 16:11	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/26/21 16:11	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			03/26/21 16:11	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			03/26/21 16:11	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			03/26/21 16:11	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			03/26/21 16:11	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			03/26/21 16:11	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			03/26/21 16:11	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			03/26/21 16:11	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			03/26/21 16:11	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			03/26/21 16:11	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			03/26/21 16:11	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			03/26/21 16:11	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			03/26/21 16:11	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			03/26/21 16:11	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			03/26/21 16:11	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			03/26/21 16:11	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			03/26/21 16:11	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			03/26/21 16:11	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			03/26/21 16:11	1
2-Hexanone	ND		6.0	4.3	ug/L			03/26/21 16:11	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			03/26/21 16:11	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			03/26/21 16:11	1
Acetone	ND		8.0	4.0	ug/L			03/26/21 16:11	1
Benzene	ND		0.50	0.27	ug/L			03/26/21 16:11	1
Bromobenzene	ND		0.50	0.26	ug/L			03/26/21 16:11	1
Bromoform	ND		0.50	0.39	ug/L			03/26/21 16:11	1
Bromomethane	ND		1.0	0.93	ug/L			03/26/21 16:11	1
Carbon disulfide	0.84	J	1.0	0.24	ug/L			03/26/21 16:11	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			03/26/21 16:11	1
Chlorobenzene	ND		0.50	0.24	ug/L			03/26/21 16:11	1
Bromochloromethane	ND		1.0	0.35	ug/L			03/26/21 16:11	1
Chloroethane	ND		0.50	0.44	ug/L			03/26/21 16:11	1
Chloroform	ND		0.50	0.28	ug/L			03/26/21 16:11	1
Chloromethane	ND		1.0	0.29	ug/L			03/26/21 16:11	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			03/26/21 16:11	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			03/26/21 16:11	1
Dibromochloromethane	ND		0.50	0.27	ug/L			03/26/21 16:11	1
Dibromomethane	ND		0.50	0.23	ug/L			03/26/21 16:11	1
Bromodichloromethane	ND		0.50	0.22	ug/L			03/26/21 16:11	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/26/21 16:11	1
Ethylbenzene	ND		0.50	0.36	ug/L			03/26/21 16:11	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			03/26/21 16:11	1
Isopropylbenzene	ND		0.50	0.38	ug/L			03/26/21 16:11	1
m,p-Xylene	ND		1.0	0.78	ug/L			03/26/21 16:11	1
Methylene Chloride	ND		1.0	0.48	ug/L			03/26/21 16:11	1
Naphthalene	ND		1.0	0.32	ug/L			03/26/21 16:11	1
n-Butylbenzene	ND		0.50	0.29	ug/L			03/26/21 16:11	1

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Client Sample ID: MW-9-031721

Lab Sample ID: 440-280708-8

Date Collected: 03/17/21 11:35

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.50	0.39	ug/L			03/26/21 16:11	1
o-Xylene	ND		0.50	0.35	ug/L			03/26/21 16:11	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			03/26/21 16:11	1
Styrene	ND		0.50	0.28	ug/L			03/26/21 16:11	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			03/26/21 16:11	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			03/26/21 16:11	1
Toluene	ND		0.50	0.33	ug/L			03/26/21 16:11	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			03/26/21 16:11	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/26/21 16:11	1
Trichloroethene	ND		0.50	0.29	ug/L			03/26/21 16:11	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			03/26/21 16:11	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			03/26/21 16:11	1
Vinyl chloride	ND		0.50	0.40	ug/L			03/26/21 16:11	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			03/26/21 16:11	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			03/26/21 16:11	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			03/26/21 16:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		68 - 135					03/26/21 16:11	1
Dibromofluoromethane (Surr)	93		80 - 120					03/26/21 16:11	1
Toluene-d8 (Surr)	103		80 - 120					03/26/21 16:11	1
4-Bromofluorobenzene (Surr)	96		71 - 120					03/26/21 16:11	1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	6.4		0.50	0.34	ug/L		03/20/21 09:51	03/22/21 21:45	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	66		15 - 150				03/20/21 09:51	03/22/21 21:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	103		46 - 128				03/20/21 09:51	03/22/21 21:45	1

Client Sample ID: MW-33-031721

Lab Sample ID: 440-280708-9

Date Collected: 03/17/21 12:19

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			03/26/21 16:41	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			03/26/21 16:41	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/26/21 16:41	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			03/26/21 16:41	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			03/26/21 16:41	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			03/26/21 16:41	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			03/26/21 16:41	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			03/26/21 16:41	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			03/26/21 16:41	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			03/26/21 16:41	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			03/26/21 16:41	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			03/26/21 16:41	1

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Client Sample ID: MW-33-031721

Lab Sample ID: 440-280708-9

Date Collected: 03/17/21 12:19

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			03/26/21 16:41	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			03/26/21 16:41	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			03/26/21 16:41	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			03/26/21 16:41	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			03/26/21 16:41	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			03/26/21 16:41	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			03/26/21 16:41	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			03/26/21 16:41	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			03/26/21 16:41	1
2-Hexanone	ND		6.0	4.3	ug/L			03/26/21 16:41	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			03/26/21 16:41	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			03/26/21 16:41	1
Acetone	ND		8.0	4.0	ug/L			03/26/21 16:41	1
Benzene	ND		0.50	0.27	ug/L			03/26/21 16:41	1
Bromobenzene	ND		0.50	0.26	ug/L			03/26/21 16:41	1
Bromoform	ND		0.50	0.39	ug/L			03/26/21 16:41	1
Bromomethane	ND		1.0	0.93	ug/L			03/26/21 16:41	1
Carbon disulfide	ND		1.0	0.24	ug/L			03/26/21 16:41	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			03/26/21 16:41	1
Chlorobenzene	ND		0.50	0.24	ug/L			03/26/21 16:41	1
Bromochloromethane	ND		1.0	0.35	ug/L			03/26/21 16:41	1
Chloroethane	ND		0.50	0.44	ug/L			03/26/21 16:41	1
Chloroform	ND		0.50	0.28	ug/L			03/26/21 16:41	1
Chloromethane	ND		1.0	0.29	ug/L			03/26/21 16:41	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			03/26/21 16:41	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			03/26/21 16:41	1
Dibromochloromethane	ND		0.50	0.27	ug/L			03/26/21 16:41	1
Dibromomethane	ND		0.50	0.23	ug/L			03/26/21 16:41	1
Bromodichloromethane	ND		0.50	0.22	ug/L			03/26/21 16:41	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/26/21 16:41	1
Ethylbenzene	ND		0.50	0.36	ug/L			03/26/21 16:41	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			03/26/21 16:41	1
Isopropylbenzene	ND		0.50	0.38	ug/L			03/26/21 16:41	1
m,p-Xylene	ND		1.0	0.78	ug/L			03/26/21 16:41	1
Methylene Chloride	ND		1.0	0.48	ug/L			03/26/21 16:41	1
Naphthalene	ND		1.0	0.32	ug/L			03/26/21 16:41	1
n-Butylbenzene	ND		0.50	0.29	ug/L			03/26/21 16:41	1
N-Propylbenzene	ND		0.50	0.39	ug/L			03/26/21 16:41	1
o-Xylene	ND		0.50	0.35	ug/L			03/26/21 16:41	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			03/26/21 16:41	1
Styrene	ND		0.50	0.28	ug/L			03/26/21 16:41	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			03/26/21 16:41	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			03/26/21 16:41	1
Toluene	ND		0.50	0.33	ug/L			03/26/21 16:41	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			03/26/21 16:41	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/26/21 16:41	1
Trichloroethene	4.4		0.50	0.29	ug/L			03/26/21 16:41	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			03/26/21 16:41	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			03/26/21 16:41	1

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Client Sample ID: MW-33-031721

Lab Sample ID: 440-280708-9

Date Collected: 03/17/21 12:19

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.50	0.40	ug/L			03/26/21 16:41	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			03/26/21 16:41	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			03/26/21 16:41	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			03/26/21 16:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		68 - 135					03/26/21 16:41	1
Dibromofluoromethane (Surr)	101		80 - 120					03/26/21 16:41	1
Toluene-d8 (Surr)	101		80 - 120					03/26/21 16:41	1
4-Bromofluorobenzene (Surr)	98		71 - 120					03/26/21 16:41	1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50	0.34	ug/L		03/20/21 09:51	03/22/21 21:59	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	67		15 - 150				03/20/21 09:51	03/22/21 21:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	103		46 - 128				03/20/21 09:51	03/22/21 21:59	1

Client Sample ID: MW-10-031721

Lab Sample ID: 440-280708-10

Date Collected: 03/17/21 11:46

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		10	6.4	ug/L			03/26/21 17:11	20
1,1,1,2-Tetrachloroethane	ND		10	5.1	ug/L			03/26/21 17:11	20
1,1,1-Trichloroethane	ND		10	5.3	ug/L			03/26/21 17:11	20
1,1,2,2-Tetrachloroethane	ND		10	3.9	ug/L			03/26/21 17:11	20
1,1,2-Trichloroethane	ND		10	1.7	ug/L			03/26/21 17:11	20
1,1-Dichloroethane	ND		10	7.1	ug/L			03/26/21 17:11	20
1,1-Dichloroethene	ND		10	7.8	ug/L			03/26/21 17:11	20
1,1-Dichloropropene	ND		10	4.8	ug/L			03/26/21 17:11	20
1,2,3-Trichlorobenzene	ND		10	5.5	ug/L			03/26/21 17:11	20
1,2,4-Trichlorobenzene	ND		10	7.5	ug/L			03/26/21 17:11	20
1,2,4-Trimethylbenzene	ND		10	5.7	ug/L			03/26/21 17:11	20
1,2-Dibromo-3-Chloropropane	ND		20	13	ug/L			03/26/21 17:11	20
1,2-Dichlorobenzene	ND		10	4.6	ug/L			03/26/21 17:11	20
1,2-Dichloroethane	ND		10	3.0	ug/L			03/26/21 17:11	20
1,2-Dichloropropane	ND		10	4.8	ug/L			03/26/21 17:11	20
1,3,5-Trimethylbenzene	ND		10	5.7	ug/L			03/26/21 17:11	20
1,3-Dichlorobenzene	ND		10	5.1	ug/L			03/26/21 17:11	20
1,3-Dichloropropane	ND		10	4.1	ug/L			03/26/21 17:11	20
1,4-Dichlorobenzene	ND		10	4.5	ug/L			03/26/21 17:11	20
2,2-Dichloropropane	ND		10	7.9	ug/L			03/26/21 17:11	20
2-Chlorotoluene	ND		10	6.2	ug/L			03/26/21 17:11	20
2-Hexanone	ND		120	86	ug/L			03/26/21 17:11	20
4-Chlorotoluene	ND		10	6.7	ug/L			03/26/21 17:11	20
4-Isopropyltoluene	ND		10	5.5	ug/L			03/26/21 17:11	20

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Client Sample ID: MW-10-031721

Lab Sample ID: 440-280708-10

Date Collected: 03/17/21 11:46

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		160	80	ug/L			03/26/21 17:11	20
Benzene	ND		10	5.3	ug/L			03/26/21 17:11	20
Bromobenzene	ND		10	5.2	ug/L			03/26/21 17:11	20
Bromoform	ND		10	7.8	ug/L			03/26/21 17:11	20
Bromomethane	ND		20	19	ug/L			03/26/21 17:11	20
Carbon disulfide	ND		20	4.9	ug/L			03/26/21 17:11	20
Carbon tetrachloride	ND		10	5.4	ug/L			03/26/21 17:11	20
Chlorobenzene	ND		10	4.8	ug/L			03/26/21 17:11	20
Bromochloromethane	ND		20	7.0	ug/L			03/26/21 17:11	20
Chloroethane	ND		10	8.8	ug/L			03/26/21 17:11	20
Chloroform	ND		10	5.7	ug/L			03/26/21 17:11	20
Chloromethane	ND		20	5.9	ug/L			03/26/21 17:11	20
cis-1,2-Dichloroethene	ND		10	6.0	ug/L			03/26/21 17:11	20
cis-1,3-Dichloropropene	ND		10	3.8	ug/L			03/26/21 17:11	20
Dibromochloromethane	ND		10	5.4	ug/L			03/26/21 17:11	20
Dibromomethane	ND		10	4.6	ug/L			03/26/21 17:11	20
Bromodichloromethane	ND		10	4.5	ug/L			03/26/21 17:11	20
Dichlorodifluoromethane	ND		20	14	ug/L			03/26/21 17:11	20
Ethylbenzene	ND		10	7.1	ug/L			03/26/21 17:11	20
Hexachlorobutadiene	ND		20	6.3	ug/L			03/26/21 17:11	20
Isopropylbenzene	ND		10	7.7	ug/L			03/26/21 17:11	20
m,p-Xylene	ND		20	16	ug/L			03/26/21 17:11	20
Methylene Chloride	ND		20	9.6	ug/L			03/26/21 17:11	20
Naphthalene	ND		20	6.4	ug/L			03/26/21 17:11	20
n-Butylbenzene	ND		10	5.9	ug/L			03/26/21 17:11	20
N-Propylbenzene	ND		10	7.8	ug/L			03/26/21 17:11	20
o-Xylene	ND		10	7.0	ug/L			03/26/21 17:11	20
sec-Butylbenzene	ND		10	6.8	ug/L			03/26/21 17:11	20
Styrene	ND		10	5.5	ug/L			03/26/21 17:11	20
tert-Butylbenzene	ND		10	6.8	ug/L			03/26/21 17:11	20
Tetrachloroethene (PCE)	ND		10	5.8	ug/L			03/26/21 17:11	20
Toluene	ND		10	6.6	ug/L			03/26/21 17:11	20
trans-1,2-Dichloroethene	ND		10	7.2	ug/L			03/26/21 17:11	20
trans-1,3-Dichloropropene	ND		10	3.5	ug/L			03/26/21 17:11	20
Trichloroethene	330		10	5.8	ug/L			03/26/21 17:11	20
Trichlorofluoromethane	ND		10	5.9	ug/L			03/26/21 17:11	20
Trichlorotrifluoroethane	ND		10	5.0	ug/L			03/26/21 17:11	20
Vinyl chloride	ND		10	8.0	ug/L			03/26/21 17:11	20
1,2-Dibromoethane (EDB)	ND		10	2.7	ug/L			03/26/21 17:11	20
2-Butanone (MEK)	ND		100	61	ug/L			03/26/21 17:11	20
4-Methyl-2-pentanone (MIBK)	ND		100	45	ug/L			03/26/21 17:11	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		68 - 135		03/26/21 17:11	20
Dibromofluoromethane (Surr)	102		80 - 120		03/26/21 17:11	20
Toluene-d8 (Surr)	101		80 - 120		03/26/21 17:11	20
4-Bromofluorobenzene (Surr)	97		71 - 120		03/26/21 17:11	20

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Client Sample ID: MW-10-031721

Lab Sample ID: 440-280708-10

Date Collected: 03/17/21 11:46

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	5.6		0.50	0.34	ug/L		03/20/21 09:51	03/22/21 22:14	1
<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>1,4-Dioxane-d8</i>	65		15 - 150				03/20/21 09:51	03/22/21 22:14	1
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Nitrobenzene-d5 (Surr)</i>	105		46 - 128				03/20/21 09:51	03/22/21 22:14	1

Client Sample ID: MW-10D-031721

Lab Sample ID: 440-280708-11

Date Collected: 03/17/21 13:07

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			03/26/21 17:41	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			03/26/21 17:41	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/26/21 17:41	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			03/26/21 17:41	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			03/26/21 17:41	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			03/26/21 17:41	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			03/26/21 17:41	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			03/26/21 17:41	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			03/26/21 17:41	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			03/26/21 17:41	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			03/26/21 17:41	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			03/26/21 17:41	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			03/26/21 17:41	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			03/26/21 17:41	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			03/26/21 17:41	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			03/26/21 17:41	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			03/26/21 17:41	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			03/26/21 17:41	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			03/26/21 17:41	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			03/26/21 17:41	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			03/26/21 17:41	1
2-Hexanone	ND		6.0	4.3	ug/L			03/26/21 17:41	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			03/26/21 17:41	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			03/26/21 17:41	1
Acetone	ND		8.0	4.0	ug/L			03/26/21 17:41	1
Benzene	ND		0.50	0.27	ug/L			03/26/21 17:41	1
Bromobenzene	ND		0.50	0.26	ug/L			03/26/21 17:41	1
Bromoform	ND		0.50	0.39	ug/L			03/26/21 17:41	1
Bromomethane	ND		1.0	0.93	ug/L			03/26/21 17:41	1
Carbon disulfide	ND		1.0	0.24	ug/L			03/26/21 17:41	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			03/26/21 17:41	1
Chlorobenzene	ND		0.50	0.24	ug/L			03/26/21 17:41	1
Bromochloromethane	ND		1.0	0.35	ug/L			03/26/21 17:41	1
Chloroethane	ND		0.50	0.44	ug/L			03/26/21 17:41	1
Chloroform	ND		0.50	0.28	ug/L			03/26/21 17:41	1
Chloromethane	ND		1.0	0.29	ug/L			03/26/21 17:41	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			03/26/21 17:41	1

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Client Sample ID: MW-10D-031721

Lab Sample ID: 440-280708-11

Date Collected: 03/17/21 13:07

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			03/26/21 17:41	1
Dibromochloromethane	ND		0.50	0.27	ug/L			03/26/21 17:41	1
Dibromomethane	ND		0.50	0.23	ug/L			03/26/21 17:41	1
Bromodichloromethane	ND		0.50	0.22	ug/L			03/26/21 17:41	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/26/21 17:41	1
Ethylbenzene	ND		0.50	0.36	ug/L			03/26/21 17:41	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			03/26/21 17:41	1
Isopropylbenzene	ND		0.50	0.38	ug/L			03/26/21 17:41	1
m,p-Xylene	ND		1.0	0.78	ug/L			03/26/21 17:41	1
Methylene Chloride	ND		1.0	0.48	ug/L			03/26/21 17:41	1
Naphthalene	ND		1.0	0.32	ug/L			03/26/21 17:41	1
n-Butylbenzene	ND		0.50	0.29	ug/L			03/26/21 17:41	1
N-Propylbenzene	ND		0.50	0.39	ug/L			03/26/21 17:41	1
o-Xylene	ND		0.50	0.35	ug/L			03/26/21 17:41	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			03/26/21 17:41	1
Styrene	ND		0.50	0.28	ug/L			03/26/21 17:41	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			03/26/21 17:41	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			03/26/21 17:41	1
Toluene	ND		0.50	0.33	ug/L			03/26/21 17:41	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			03/26/21 17:41	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/26/21 17:41	1
Trichloroethene	1.1		0.50	0.29	ug/L			03/26/21 17:41	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			03/26/21 17:41	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			03/26/21 17:41	1
Vinyl chloride	ND		0.50	0.40	ug/L			03/26/21 17:41	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			03/26/21 17:41	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			03/26/21 17:41	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			03/26/21 17:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		68 - 135		03/26/21 17:41	1
Dibromofluoromethane (Surr)	99		80 - 120		03/26/21 17:41	1
Toluene-d8 (Surr)	105		80 - 120		03/26/21 17:41	1
4-Bromofluorobenzene (Surr)	98		71 - 120		03/26/21 17:41	1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	5.2		0.50	0.34	ug/L		03/20/21 09:51	03/22/21 22:29	1
Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1,4-Dioxane-d8	58		15 - 150	03/20/21 09:51	03/22/21 22:29	1			
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
Nitrobenzene-d5 (Surr)	98		46 - 128	03/20/21 09:51	03/22/21 22:29	1			

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Client Sample ID: MW-17-031721

Lab Sample ID: 440-280708-12

Date Collected: 03/17/21 13:37

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		10	6.4	ug/L			03/26/21 18:11	20
1,1,1,2-Tetrachloroethane	ND		10	5.1	ug/L			03/26/21 18:11	20
1,1,1-Trichloroethane	ND		10	5.3	ug/L			03/26/21 18:11	20
1,1,2,2-Tetrachloroethane	ND		10	3.9	ug/L			03/26/21 18:11	20
1,1,2-Trichloroethane	ND		10	1.7	ug/L			03/26/21 18:11	20
1,1-Dichloroethane	ND		10	7.1	ug/L			03/26/21 18:11	20
1,1-Dichloroethene	ND		10	7.8	ug/L			03/26/21 18:11	20
1,1-Dichloropropene	ND		10	4.8	ug/L			03/26/21 18:11	20
1,2,3-Trichlorobenzene	ND		10	5.5	ug/L			03/26/21 18:11	20
1,2,4-Trichlorobenzene	ND		10	7.5	ug/L			03/26/21 18:11	20
1,2,4-Trimethylbenzene	ND		10	5.7	ug/L			03/26/21 18:11	20
1,2-Dibromo-3-Chloropropane	ND		20	13	ug/L			03/26/21 18:11	20
1,2-Dichlorobenzene	ND		10	4.6	ug/L			03/26/21 18:11	20
1,2-Dichloroethane	ND		10	3.0	ug/L			03/26/21 18:11	20
1,2-Dichloropropane	ND		10	4.8	ug/L			03/26/21 18:11	20
1,3,5-Trimethylbenzene	ND		10	5.7	ug/L			03/26/21 18:11	20
1,3-Dichlorobenzene	ND		10	5.1	ug/L			03/26/21 18:11	20
1,3-Dichloropropane	ND		10	4.1	ug/L			03/26/21 18:11	20
1,4-Dichlorobenzene	ND		10	4.5	ug/L			03/26/21 18:11	20
2,2-Dichloropropane	ND		10	7.9	ug/L			03/26/21 18:11	20
2-Chlorotoluene	ND		10	6.2	ug/L			03/26/21 18:11	20
2-Hexanone	ND		120	86	ug/L			03/26/21 18:11	20
4-Chlorotoluene	ND		10	6.7	ug/L			03/26/21 18:11	20
4-Isopropyltoluene	ND		10	5.5	ug/L			03/26/21 18:11	20
Acetone	ND		160	80	ug/L			03/26/21 18:11	20
Benzene	ND		10	5.3	ug/L			03/26/21 18:11	20
Bromobenzene	ND		10	5.2	ug/L			03/26/21 18:11	20
Bromoform	ND		10	7.8	ug/L			03/26/21 18:11	20
Bromomethane	ND		20	19	ug/L			03/26/21 18:11	20
Carbon disulfide	ND		20	4.9	ug/L			03/26/21 18:11	20
Carbon tetrachloride	ND		10	5.4	ug/L			03/26/21 18:11	20
Chlorobenzene	ND		10	4.8	ug/L			03/26/21 18:11	20
Bromochloromethane	ND		20	7.0	ug/L			03/26/21 18:11	20
Chloroethane	ND		10	8.8	ug/L			03/26/21 18:11	20
Chloroform	ND		10	5.7	ug/L			03/26/21 18:11	20
Chloromethane	ND		20	5.9	ug/L			03/26/21 18:11	20
cis-1,2-Dichloroethene	ND		10	6.0	ug/L			03/26/21 18:11	20
cis-1,3-Dichloropropene	ND		10	3.8	ug/L			03/26/21 18:11	20
Dibromochloromethane	ND		10	5.4	ug/L			03/26/21 18:11	20
Dibromomethane	ND		10	4.6	ug/L			03/26/21 18:11	20
Bromodichloromethane	ND		10	4.5	ug/L			03/26/21 18:11	20
Dichlorodifluoromethane	ND		20	14	ug/L			03/26/21 18:11	20
Ethylbenzene	ND		10	7.1	ug/L			03/26/21 18:11	20
Hexachlorobutadiene	ND		20	6.3	ug/L			03/26/21 18:11	20
Isopropylbenzene	ND		10	7.7	ug/L			03/26/21 18:11	20
m,p-Xylene	ND		20	16	ug/L			03/26/21 18:11	20
Methylene Chloride	ND		20	9.6	ug/L			03/26/21 18:11	20
Naphthalene	ND		20	6.4	ug/L			03/26/21 18:11	20
n-Butylbenzene	ND		10	5.9	ug/L			03/26/21 18:11	20

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Client Sample ID: MW-17-031721

Lab Sample ID: 440-280708-12

Date Collected: 03/17/21 13:37

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		10	7.8	ug/L			03/26/21 18:11	20
o-Xylene	ND		10	7.0	ug/L			03/26/21 18:11	20
sec-Butylbenzene	ND		10	6.8	ug/L			03/26/21 18:11	20
Styrene	ND		10	5.5	ug/L			03/26/21 18:11	20
tert-Butylbenzene	ND		10	6.8	ug/L			03/26/21 18:11	20
Tetrachloroethene (PCE)	62		10	5.8	ug/L			03/26/21 18:11	20
Toluene	ND		10	6.6	ug/L			03/26/21 18:11	20
trans-1,2-Dichloroethene	ND		10	7.2	ug/L			03/26/21 18:11	20
trans-1,3-Dichloropropene	ND		10	3.5	ug/L			03/26/21 18:11	20
Trichloroethene	550		10	5.8	ug/L			03/26/21 18:11	20
Trichlorofluoromethane	ND		10	5.9	ug/L			03/26/21 18:11	20
Trichlorotrifluoroethane	ND		10	5.0	ug/L			03/26/21 18:11	20
Vinyl chloride	ND		10	8.0	ug/L			03/26/21 18:11	20
1,2-Dibromoethane (EDB)	ND		10	2.7	ug/L			03/26/21 18:11	20
2-Butanone (MEK)	ND		100	61	ug/L			03/26/21 18:11	20
4-Methyl-2-pentanone (MIBK)	ND		100	45	ug/L			03/26/21 18:11	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		68 - 135					03/26/21 18:11	20
Dibromofluoromethane (Surr)	98		80 - 120					03/26/21 18:11	20
Toluene-d8 (Surr)	105		80 - 120					03/26/21 18:11	20
4-Bromofluorobenzene (Surr)	94		71 - 120					03/26/21 18:11	20

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	14		0.50	0.34	ug/L		03/20/21 09:51	03/22/21 22:44	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	58		15 - 150				03/20/21 09:51	03/22/21 22:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	112		46 - 128				03/20/21 09:51	03/22/21 22:44	1

Client Sample ID: DUP-1-031721

Lab Sample ID: 440-280708-13

Date Collected: 03/17/21 00:01

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			03/29/21 11:21	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			03/29/21 11:21	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/29/21 11:21	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			03/29/21 11:21	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			03/29/21 11:21	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			03/29/21 11:21	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			03/29/21 11:21	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			03/29/21 11:21	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			03/29/21 11:21	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			03/29/21 11:21	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			03/29/21 11:21	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			03/29/21 11:21	1

Eurofins Calscience Irvine

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Client Sample ID: DUP-1-031721

Lab Sample ID: 440-280708-13

Date Collected: 03/17/21 00:01

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			03/29/21 11:21	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			03/29/21 11:21	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			03/29/21 11:21	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			03/29/21 11:21	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			03/29/21 11:21	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			03/29/21 11:21	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			03/29/21 11:21	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			03/29/21 11:21	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			03/29/21 11:21	1
2-Hexanone	ND		6.0	4.3	ug/L			03/29/21 11:21	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			03/29/21 11:21	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			03/29/21 11:21	1
Acetone	ND		8.0	4.0	ug/L			03/29/21 11:21	1
Benzene	ND		0.50	0.27	ug/L			03/29/21 11:21	1
Bromobenzene	ND		0.50	0.26	ug/L			03/29/21 11:21	1
Bromoform	ND		0.50	0.39	ug/L			03/29/21 11:21	1
Bromomethane	ND		1.0	0.93	ug/L			03/29/21 11:21	1
Carbon disulfide	ND		1.0	0.24	ug/L			03/29/21 11:21	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			03/29/21 11:21	1
Chlorobenzene	ND		0.50	0.24	ug/L			03/29/21 11:21	1
Bromochloromethane	ND		1.0	0.35	ug/L			03/29/21 11:21	1
Chloroethane	ND		0.50	0.44	ug/L			03/29/21 11:21	1
Chloroform	ND		0.50	0.28	ug/L			03/29/21 11:21	1
Chloromethane	ND		1.0	0.29	ug/L			03/29/21 11:21	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			03/29/21 11:21	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			03/29/21 11:21	1
Dibromochloromethane	ND		0.50	0.27	ug/L			03/29/21 11:21	1
Dibromomethane	ND		0.50	0.23	ug/L			03/29/21 11:21	1
Bromodichloromethane	ND		0.50	0.22	ug/L			03/29/21 11:21	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/29/21 11:21	1
Ethylbenzene	ND		0.50	0.36	ug/L			03/29/21 11:21	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			03/29/21 11:21	1
Isopropylbenzene	ND		0.50	0.38	ug/L			03/29/21 11:21	1
m,p-Xylene	ND		1.0	0.78	ug/L			03/29/21 11:21	1
Methylene Chloride	ND		1.0	0.48	ug/L			03/29/21 11:21	1
Naphthalene	ND		1.0	0.32	ug/L			03/29/21 11:21	1
n-Butylbenzene	ND		0.50	0.29	ug/L			03/29/21 11:21	1
N-Propylbenzene	ND		0.50	0.39	ug/L			03/29/21 11:21	1
o-Xylene	ND		0.50	0.35	ug/L			03/29/21 11:21	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			03/29/21 11:21	1
Styrene	ND		0.50	0.28	ug/L			03/29/21 11:21	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			03/29/21 11:21	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			03/29/21 11:21	1
Toluene	ND		0.50	0.33	ug/L			03/29/21 11:21	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			03/29/21 11:21	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/29/21 11:21	1
Trichloroethene	1.1		0.50	0.29	ug/L			03/29/21 11:21	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			03/29/21 11:21	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			03/29/21 11:21	1

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Client Sample ID: DUP-1-031721

Lab Sample ID: 440-280708-13

Date Collected: 03/17/21 00:01

Matrix: Water

Date Received: 03/17/21 19:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.50	0.40	ug/L			03/29/21 11:21	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			03/29/21 11:21	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			03/29/21 11:21	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			03/29/21 11:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		68 - 135					03/29/21 11:21	1
Dibromofluoromethane (Surr)	97		80 - 120					03/29/21 11:21	1
Toluene-d8 (Surr)	98		80 - 120					03/29/21 11:21	1
4-Bromofluorobenzene (Surr)	94		71 - 120					03/29/21 11:21	1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	4.8		0.50	0.34	ug/L		03/20/21 09:51	03/22/21 22:58	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	61		15 - 150				03/20/21 09:51	03/22/21 22:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	102		46 - 128				03/20/21 09:51	03/22/21 22:58	1

Method Summary

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8270C SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	ECL 1
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	ECL 1
5030C	Purge and Trap	SW846	ECL 2

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494



Lab Chronicle

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Client Sample ID: TB-031721

Lab Sample ID: 440-280708-1

Date Collected: 03/17/21 06:00

Matrix: Water

Date Received: 03/17/21 19:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	138827	03/26/21 11:42	N1A	ECL 2

Client Sample ID: SVE-15-031721

Lab Sample ID: 440-280708-2

Date Collected: 03/17/21 07:53

Matrix: Water

Date Received: 03/17/21 19:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	20 mL	20 mL	138827	03/26/21 13:12	N1A	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137455	03/20/21 09:51	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137751	03/22/21 20:16	EM5C	ECL 1

Client Sample ID: SVE-16-031721

Lab Sample ID: 440-280708-3

Date Collected: 03/17/21 08:00

Matrix: Water

Date Received: 03/17/21 19:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	20 mL	20 mL	138827	03/26/21 13:41	N1A	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137455	03/20/21 09:51	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137751	03/22/21 20:31	EM5C	ECL 1

Client Sample ID: MW-34-031721

Lab Sample ID: 440-280708-4

Date Collected: 03/17/21 08:34

Matrix: Water

Date Received: 03/17/21 19:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	20 mL	20 mL	138827	03/26/21 14:11	N1A	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137455	03/20/21 09:51	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137751	03/22/21 20:46	EM5C	ECL 1

Client Sample ID: MW-35-031721

Lab Sample ID: 440-280708-5

Date Collected: 03/17/21 09:07

Matrix: Water

Date Received: 03/17/21 19:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	138827	03/26/21 14:41	N1A	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137455	03/20/21 09:51	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137751	03/22/21 21:00	EM5C	ECL 1

Client Sample ID: MW-36-031721

Lab Sample ID: 440-280708-6

Date Collected: 03/17/21 09:44

Matrix: Water

Date Received: 03/17/21 19:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	138827	03/26/21 15:11	N1A	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137455	03/20/21 09:51	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137751	03/22/21 21:15	EM5C	ECL 1

Eurofins Calscience Irvine

Lab Chronicle

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Client Sample ID: MW-7-031721

Lab Sample ID: 440-280708-7

Date Collected: 03/17/21 10:13

Matrix: Water

Date Received: 03/17/21 19:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	138827	03/26/21 15:41	N1A	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137455	03/20/21 09:51	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137751	03/22/21 21:30	EM5C	ECL 1

Client Sample ID: MW-9-031721

Lab Sample ID: 440-280708-8

Date Collected: 03/17/21 11:35

Matrix: Water

Date Received: 03/17/21 19:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	138827	03/26/21 16:11	N1A	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137455	03/20/21 09:51	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137751	03/22/21 21:45	EM5C	ECL 1

Client Sample ID: MW-33-031721

Lab Sample ID: 440-280708-9

Date Collected: 03/17/21 12:19

Matrix: Water

Date Received: 03/17/21 19:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	138827	03/26/21 16:41	N1A	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137455	03/20/21 09:51	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137751	03/22/21 21:59	EM5C	ECL 1

Client Sample ID: MW-10-031721

Lab Sample ID: 440-280708-10

Date Collected: 03/17/21 11:46

Matrix: Water

Date Received: 03/17/21 19:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	20 mL	20 mL	138827	03/26/21 17:11	N1A	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137455	03/20/21 09:51	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137751	03/22/21 22:14	EM5C	ECL 1

Client Sample ID: MW-10D-031721

Lab Sample ID: 440-280708-11

Date Collected: 03/17/21 13:07

Matrix: Water

Date Received: 03/17/21 19:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	138827	03/26/21 17:41	N1A	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137455	03/20/21 09:51	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137751	03/22/21 22:29	EM5C	ECL 1

Client Sample ID: MW-17-031721

Lab Sample ID: 440-280708-12

Date Collected: 03/17/21 13:37

Matrix: Water

Date Received: 03/17/21 19:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	20 mL	20 mL	138827	03/26/21 18:11	N1A	ECL 2

Eurofins Calscience Irvine

Lab Chronicle

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Client Sample ID: MW-17-031721

Lab Sample ID: 440-280708-12

Date Collected: 03/17/21 13:37

Matrix: Water

Date Received: 03/17/21 19:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			100.0 mL	10 mL	137455	03/20/21 09:51	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137751	03/22/21 22:44	EM5C	ECL 1

Client Sample ID: DUP-1-031721

Lab Sample ID: 440-280708-13

Date Collected: 03/17/21 00:01

Matrix: Water

Date Received: 03/17/21 19:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	139233	03/29/21 11:21	Q8PV	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137455	03/20/21 09:51	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			137751	03/22/21 22:58	EM5C	ECL 1

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494
 ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494



QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-138827/7
Matrix: Water
Analysis Batch: 138827

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			03/26/21 11:12	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			03/26/21 11:12	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/26/21 11:12	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			03/26/21 11:12	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			03/26/21 11:12	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			03/26/21 11:12	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			03/26/21 11:12	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			03/26/21 11:12	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			03/26/21 11:12	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			03/26/21 11:12	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			03/26/21 11:12	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			03/26/21 11:12	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			03/26/21 11:12	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			03/26/21 11:12	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			03/26/21 11:12	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			03/26/21 11:12	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			03/26/21 11:12	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			03/26/21 11:12	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			03/26/21 11:12	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			03/26/21 11:12	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			03/26/21 11:12	1
2-Hexanone	ND		6.0	4.3	ug/L			03/26/21 11:12	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			03/26/21 11:12	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			03/26/21 11:12	1
Acetone	ND		8.0	4.0	ug/L			03/26/21 11:12	1
Benzene	ND		0.50	0.27	ug/L			03/26/21 11:12	1
Bromobenzene	ND		0.50	0.26	ug/L			03/26/21 11:12	1
Bromoform	ND		0.50	0.39	ug/L			03/26/21 11:12	1
Bromomethane	ND		1.0	0.93	ug/L			03/26/21 11:12	1
Carbon disulfide	ND		1.0	0.24	ug/L			03/26/21 11:12	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			03/26/21 11:12	1
Chlorobenzene	ND		0.50	0.24	ug/L			03/26/21 11:12	1
Bromochloromethane	ND		1.0	0.35	ug/L			03/26/21 11:12	1
Chloroethane	ND		0.50	0.44	ug/L			03/26/21 11:12	1
Chloroform	ND		0.50	0.28	ug/L			03/26/21 11:12	1
Chloromethane	ND		1.0	0.29	ug/L			03/26/21 11:12	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			03/26/21 11:12	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			03/26/21 11:12	1
Dibromochloromethane	ND		0.50	0.27	ug/L			03/26/21 11:12	1
Dibromomethane	ND		0.50	0.23	ug/L			03/26/21 11:12	1
Bromodichloromethane	ND		0.50	0.22	ug/L			03/26/21 11:12	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/26/21 11:12	1
Ethylbenzene	ND		0.50	0.36	ug/L			03/26/21 11:12	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			03/26/21 11:12	1
Isopropylbenzene	ND		0.50	0.38	ug/L			03/26/21 11:12	1
m,p-Xylene	ND		1.0	0.78	ug/L			03/26/21 11:12	1
Methylene Chloride	ND		1.0	0.48	ug/L			03/26/21 11:12	1
Naphthalene	ND		1.0	0.32	ug/L			03/26/21 11:12	1

QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-138827/7
Matrix: Water
Analysis Batch: 138827

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
n-Butylbenzene	ND		0.50	0.29	ug/L			03/26/21 11:12	1
N-Propylbenzene	ND		0.50	0.39	ug/L			03/26/21 11:12	1
o-Xylene	ND		0.50	0.35	ug/L			03/26/21 11:12	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			03/26/21 11:12	1
Styrene	ND		0.50	0.28	ug/L			03/26/21 11:12	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			03/26/21 11:12	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			03/26/21 11:12	1
Toluene	ND		0.50	0.33	ug/L			03/26/21 11:12	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			03/26/21 11:12	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/26/21 11:12	1
Trichloroethene	ND		0.50	0.29	ug/L			03/26/21 11:12	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			03/26/21 11:12	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			03/26/21 11:12	1
Vinyl chloride	ND		0.50	0.40	ug/L			03/26/21 11:12	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			03/26/21 11:12	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			03/26/21 11:12	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			03/26/21 11:12	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	93		68 - 135		03/26/21 11:12	1
Dibromofluoromethane (Surr)	101		80 - 120		03/26/21 11:12	1
Toluene-d8 (Surr)	99		80 - 120		03/26/21 11:12	1
4-Bromofluorobenzene (Surr)	95		71 - 120		03/26/21 11:12	1

Lab Sample ID: LCS 570-138827/4
Matrix: Water
Analysis Batch: 138827

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	10.0	10.1		ug/L		101	76 - 143
1,1,1-Trichloroethane	10.0	10.0		ug/L		100	75 - 128
1,1,2,2-Tetrachloroethane	10.0	11.1		ug/L		111	73 - 126
1,1,2-Trichloroethane	10.0	10.1		ug/L		101	80 - 120
1,1-Dichloroethane	10.0	10.5		ug/L		105	76 - 120
1,1-Dichloroethene	10.0	8.97		ug/L		90	72 - 120
1,1-Dichloropropene	10.0	9.97		ug/L		100	76 - 120
1,2,3-Trichlorobenzene	10.0	11.6		ug/L		116	80 - 125
1,2,4-Trichlorobenzene	10.0	12.0		ug/L		120	80 - 123
1,2,4-Trimethylbenzene	10.0	11.0		ug/L		110	78 - 125
1,2-Dibromo-3-Chloropropane	10.0	9.39		ug/L		94	77 - 120
1,2-Dichlorobenzene	10.0	11.1		ug/L		111	79 - 123
1,2-Dichloroethane	10.0	9.64		ug/L		96	71 - 137
1,2-Dichloropropane	10.0	10.8		ug/L		108	80 - 120
1,3,5-Trimethylbenzene	10.0	10.9		ug/L		109	77 - 133
1,3-Dichlorobenzene	10.0	11.1		ug/L		111	79 - 123
1,3-Dichloropropane	10.0	10.4		ug/L		104	80 - 123
1,4-Dichlorobenzene	10.0	10.8		ug/L		108	75 - 123

Eurofins Calscience Irvine

QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-138827/4

Matrix: Water

Analysis Batch: 138827

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,2-Dichloropropane	10.0	10.7		ug/L		107	78 - 133
2-Chlorotoluene	10.0	10.4		ug/L		104	80 - 120
2-Hexanone	10.0	9.88		ug/L		99	57 - 127
4-Chlorotoluene	10.0	10.3		ug/L		103	78 - 120
4-Isopropyltoluene	10.0	10.3		ug/L		103	77 - 127
Acetone	10.0	10.5		ug/L		105	57 - 133
Benzene	10.0	10.2		ug/L		102	80 - 120
Bromobenzene	10.0	10.5		ug/L		105	80 - 124
Bromoform	10.0	10.6		ug/L		106	46 - 178
Bromomethane	10.0	10.3		ug/L		103	52 - 162
Carbon disulfide	10.0	10.0		ug/L		100	66 - 125
Carbon tetrachloride	10.0	9.70		ug/L		97	69 - 145
Chlorobenzene	10.0	10.5		ug/L		105	80 - 120
Bromochloromethane	10.0	9.70		ug/L		97	76 - 125
Chloroethane	10.0	10.1		ug/L		101	73 - 139
Chloroform	10.0	10.7		ug/L		107	80 - 120
Chloromethane	10.0	10.9		ug/L		109	35 - 159
cis-1,2-Dichloroethene	10.0	10.5		ug/L		105	76 - 122
cis-1,3-Dichloropropene	10.0	10.6		ug/L		106	80 - 122
Dibromochloromethane	10.0	10.3		ug/L		103	63 - 151
Dibromomethane	10.0	10.1		ug/L		101	80 - 121
Bromodichloromethane	10.0	10.3		ug/L		103	77 - 141
Dichlorodifluoromethane	10.0	11.0		ug/L		110	59 - 139
Ethylbenzene	10.0	10.5		ug/L		105	80 - 120
Hexachlorobutadiene	10.0	12.2		ug/L		122	76 - 141
Isopropylbenzene	10.0	10.7		ug/L		107	80 - 124
m,p-Xylene	20.0	21.2		ug/L		106	80 - 122
Methylene Chloride	10.0	10.6		ug/L		106	70 - 120
Naphthalene	10.0	11.3		ug/L		113	75 - 120
n-Butylbenzene	10.0	10.2		ug/L		102	76 - 124
N-Propylbenzene	10.0	10.8		ug/L		108	80 - 122
o-Xylene	10.0	10.6		ug/L		106	80 - 122
sec-Butylbenzene	10.0	11.1		ug/L		111	75 - 123
Styrene	10.0	10.6		ug/L		106	80 - 121
tert-Butylbenzene	10.0	10.3		ug/L		103	72 - 128
Tetrachloroethene (PCE)	10.0	11.1		ug/L		111	80 - 128
Toluene	10.0	10.5		ug/L		105	80 - 120
trans-1,2-Dichloroethene	10.0	10.6		ug/L		106	67 - 123
trans-1,3-Dichloropropene	10.0	10.4		ug/L		104	78 - 140
Trichloroethene	10.0	10.2		ug/L		102	80 - 123
Trichlorofluoromethane	10.0	10.5		ug/L		105	64 - 168
Trichlorotrifluoroethane	10.0	8.42		ug/L		84	50 - 120
Vinyl chloride	10.0	11.2		ug/L		112	74 - 130
1,2-Dibromoethane (EDB)	10.0	9.69		ug/L		97	80 - 120
2-Butanone (MEK)	10.0	9.84		ug/L		98	32 - 133
4-Methyl-2-pentanone (MIBK)	10.0	10.7		ug/L		107	68 - 120

QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-138827/4
Matrix: Water
Analysis Batch: 138827

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		68 - 135
Dibromofluoromethane (Surr)	103		80 - 120
Toluene-d8 (Surr)	102		80 - 120
4-Bromofluorobenzene (Surr)	99		71 - 120

Lab Sample ID: LCSD 570-138827/5
Matrix: Water
Analysis Batch: 138827

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichloropropane	10.0	10.7		ug/L		107	66 - 131	1	20
1,1,1,2-Tetrachloroethane	10.0	9.36		ug/L		94	76 - 143	7	20
1,1,1-Trichloroethane	10.0	9.30		ug/L		93	75 - 128	8	20
1,1,2,2-Tetrachloroethane	10.0	11.1		ug/L		111	73 - 126	0	21
1,1,2-Trichloroethane	10.0	10.0		ug/L		100	80 - 120	1	20
1,1-Dichloroethane	10.0	9.45		ug/L		95	76 - 120	11	20
1,1-Dichloroethene	10.0	8.35		ug/L		84	72 - 120	7	20
1,1-Dichloropropene	10.0	9.64		ug/L		96	76 - 120	3	20
1,2,3-Trichlorobenzene	10.0	11.3		ug/L		113	80 - 125	3	22
1,2,4-Trichlorobenzene	10.0	11.3		ug/L		113	80 - 123	6	20
1,2,4-Trimethylbenzene	10.0	10.5		ug/L		105	78 - 125	5	22
1,2-Dibromo-3-Chloropropane	10.0	10.7		ug/L		107	77 - 120	13	21
1,2-Dichlorobenzene	10.0	10.7		ug/L		107	79 - 123	4	20
1,2-Dichloroethane	10.0	8.91		ug/L		89	71 - 137	8	20
1,2-Dichloropropane	10.0	10.4		ug/L		104	80 - 120	4	20
1,3,5-Trimethylbenzene	10.0	10.4		ug/L		104	77 - 133	5	20
1,3-Dichlorobenzene	10.0	10.7		ug/L		107	79 - 123	4	20
1,3-Dichloropropane	10.0	10.1		ug/L		101	80 - 123	2	20
1,4-Dichlorobenzene	10.0	10.3		ug/L		103	75 - 123	4	22
2,2-Dichloropropane	10.0	9.66		ug/L		97	78 - 133	10	20
2-Chlorotoluene	10.0	9.87		ug/L		99	80 - 120	5	20
2-Hexanone	10.0	9.87		ug/L		99	57 - 127	0	21
4-Chlorotoluene	10.0	10.2		ug/L		102	78 - 120	1	21
4-Isopropyltoluene	10.0	9.51		ug/L		95	77 - 127	7	21
Acetone	10.0	10.2		ug/L		102	57 - 133	3	28
Benzene	10.0	9.73		ug/L		97	80 - 120	5	20
Bromobenzene	10.0	10.2		ug/L		102	80 - 124	3	20
Bromoform	10.0	10.1		ug/L		101	46 - 178	4	23
Bromomethane	10.0	9.12		ug/L		91	52 - 162	12	20
Carbon disulfide	10.0	8.54		ug/L		85	66 - 125	16	20
Carbon tetrachloride	10.0	8.99		ug/L		90	69 - 145	8	20
Chlorobenzene	10.0	9.94		ug/L		99	80 - 120	5	20
Bromochloromethane	10.0	9.13		ug/L		91	76 - 125	6	20
Chloroethane	10.0	9.05		ug/L		90	73 - 139	11	20
Chloroform	10.0	9.98		ug/L		100	80 - 120	7	20
Chloromethane	10.0	10.5		ug/L		105	35 - 159	4	20
cis-1,2-Dichloroethene	10.0	10.0		ug/L		100	76 - 122	5	20
cis-1,3-Dichloropropene	10.0	9.85		ug/L		98	80 - 122	7	20

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QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-138827/5
Matrix: Water
Analysis Batch: 138827

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dibromochloromethane	10.0	9.98		ug/L		100	63 - 151	3	20
Dibromomethane	10.0	9.65		ug/L		97	80 - 121	4	20
Bromodichloromethane	10.0	9.45		ug/L		95	77 - 141	8	20
Dichlorodifluoromethane	10.0	10.0		ug/L		100	59 - 139	9	20
Ethylbenzene	10.0	10.0		ug/L		100	80 - 120	4	20
Hexachlorobutadiene	10.0	11.5		ug/L		115	76 - 141	6	23
Isopropylbenzene	10.0	10.2		ug/L		102	80 - 124	4	20
m,p-Xylene	20.0	20.1		ug/L		101	80 - 122	5	20
Methylene Chloride	10.0	9.33		ug/L		93	70 - 120	13	20
Naphthalene	10.0	11.3		ug/L		113	75 - 120	0	22
n-Butylbenzene	10.0	9.69		ug/L		97	76 - 124	5	23
N-Propylbenzene	10.0	10.3		ug/L		103	80 - 122	5	20
o-Xylene	10.0	10.2		ug/L		102	80 - 122	4	20
sec-Butylbenzene	10.0	10.3		ug/L		103	75 - 123	8	21
Styrene	10.0	10.3		ug/L		103	80 - 121	3	20
tert-Butylbenzene	10.0	9.68		ug/L		97	72 - 128	6	22
Tetrachloroethene (PCE)	10.0	10.2		ug/L		102	80 - 128	8	20
Toluene	10.0	9.82		ug/L		98	80 - 120	6	20
trans-1,2-Dichloroethene	10.0	9.64		ug/L		96	67 - 123	10	20
trans-1,3-Dichloropropene	10.0	9.91		ug/L		99	78 - 140	4	20
Trichloroethene	10.0	9.67		ug/L		97	80 - 123	6	20
Trichlorofluoromethane	10.0	9.66		ug/L		97	64 - 168	8	20
Trichlorotrifluoroethane	10.0	7.77		ug/L		78	50 - 120	8	20
Vinyl chloride	10.0	10.1		ug/L		101	74 - 130	10	20
1,2-Dibromoethane (EDB)	10.0	9.70		ug/L		97	80 - 120	0	20
2-Butanone (MEK)	10.0	9.64		ug/L		96	32 - 133	2	26
4-Methyl-2-pentanone (MIBK)	10.0	10.7		ug/L		107	68 - 120	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	93		68 - 135
Dibromofluoromethane (Surr)	101		80 - 120
Toluene-d8 (Surr)	100		80 - 120
4-Bromofluorobenzene (Surr)	95		71 - 120

Lab Sample ID: MB 570-139233/7
Matrix: Water
Analysis Batch: 139233

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			03/29/21 10:45	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			03/29/21 10:45	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/29/21 10:45	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			03/29/21 10:45	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			03/29/21 10:45	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			03/29/21 10:45	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			03/29/21 10:45	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			03/29/21 10:45	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			03/29/21 10:45	1

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QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-139233/7
Matrix: Water
Analysis Batch: 139233

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			03/29/21 10:45	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			03/29/21 10:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			03/29/21 10:45	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			03/29/21 10:45	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			03/29/21 10:45	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			03/29/21 10:45	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			03/29/21 10:45	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			03/29/21 10:45	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			03/29/21 10:45	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			03/29/21 10:45	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			03/29/21 10:45	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			03/29/21 10:45	1
2-Hexanone	ND		6.0	4.3	ug/L			03/29/21 10:45	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			03/29/21 10:45	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			03/29/21 10:45	1
Acetone	ND		8.0	4.0	ug/L			03/29/21 10:45	1
Benzene	ND		0.50	0.27	ug/L			03/29/21 10:45	1
Bromobenzene	ND		0.50	0.26	ug/L			03/29/21 10:45	1
Bromoform	ND		0.50	0.39	ug/L			03/29/21 10:45	1
Bromomethane	ND		1.0	0.93	ug/L			03/29/21 10:45	1
Carbon disulfide	ND		1.0	0.24	ug/L			03/29/21 10:45	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			03/29/21 10:45	1
Chlorobenzene	ND		0.50	0.24	ug/L			03/29/21 10:45	1
Bromochloromethane	ND		1.0	0.35	ug/L			03/29/21 10:45	1
Chloroethane	ND		0.50	0.44	ug/L			03/29/21 10:45	1
Chloroform	ND		0.50	0.28	ug/L			03/29/21 10:45	1
Chloromethane	ND		1.0	0.29	ug/L			03/29/21 10:45	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			03/29/21 10:45	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			03/29/21 10:45	1
Dibromochloromethane	ND		0.50	0.27	ug/L			03/29/21 10:45	1
Dibromomethane	ND		0.50	0.23	ug/L			03/29/21 10:45	1
Bromodichloromethane	ND		0.50	0.22	ug/L			03/29/21 10:45	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/29/21 10:45	1
Ethylbenzene	ND		0.50	0.36	ug/L			03/29/21 10:45	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			03/29/21 10:45	1
Isopropylbenzene	ND		0.50	0.38	ug/L			03/29/21 10:45	1
m,p-Xylene	ND		1.0	0.78	ug/L			03/29/21 10:45	1
Methylene Chloride	ND		1.0	0.48	ug/L			03/29/21 10:45	1
Naphthalene	ND		1.0	0.32	ug/L			03/29/21 10:45	1
n-Butylbenzene	ND		0.50	0.29	ug/L			03/29/21 10:45	1
N-Propylbenzene	ND		0.50	0.39	ug/L			03/29/21 10:45	1
o-Xylene	ND		0.50	0.35	ug/L			03/29/21 10:45	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			03/29/21 10:45	1
Styrene	ND		0.50	0.28	ug/L			03/29/21 10:45	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			03/29/21 10:45	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			03/29/21 10:45	1
Toluene	ND		0.50	0.33	ug/L			03/29/21 10:45	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			03/29/21 10:45	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/29/21 10:45	1

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QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-139233/7
Matrix: Water
Analysis Batch: 139233

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Trichloroethene	ND		0.50	0.29	ug/L			03/29/21 10:45	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			03/29/21 10:45	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			03/29/21 10:45	1
Vinyl chloride	ND		0.50	0.40	ug/L			03/29/21 10:45	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			03/29/21 10:45	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			03/29/21 10:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			03/29/21 10:45	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	100		68 - 135		03/29/21 10:45	1
Dibromofluoromethane (Surr)	97		80 - 120		03/29/21 10:45	1
Toluene-d8 (Surr)	99		80 - 120		03/29/21 10:45	1
4-Bromofluorobenzene (Surr)	95		71 - 120		03/29/21 10:45	1

Lab Sample ID: LCS 570-139233/4
Matrix: Water
Analysis Batch: 139233

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.
		Result	Qualifier				Limits
1,2,3-Trichloropropane	10.0	10.8		ug/L		108	66 - 131
1,1,1,2-Tetrachloroethane	10.0	11.5		ug/L		115	76 - 143
1,1,1-Trichloroethane	10.0	9.66		ug/L		97	75 - 128
1,1,2,2-Tetrachloroethane	10.0	10.9		ug/L		109	73 - 126
1,1,2-Trichloroethane	10.0	10.5		ug/L		105	80 - 120
1,1-Dichloroethane	10.0	10.1		ug/L		101	76 - 120
1,1-Dichloroethene	10.0	9.39		ug/L		94	72 - 120
1,1-Dichloropropene	10.0	9.35		ug/L		93	76 - 120
1,2,3-Trichlorobenzene	10.0	10.9		ug/L		109	80 - 125
1,2,4-Trichlorobenzene	10.0	11.0		ug/L		110	80 - 123
1,2,4-Trimethylbenzene	10.0	10.7		ug/L		107	78 - 125
1,2-Dibromo-3-Chloropropane	10.0	9.53		ug/L		95	77 - 120
1,2-Dichlorobenzene	10.0	10.5		ug/L		105	79 - 123
1,2-Dichloroethane	10.0	10.3		ug/L		103	71 - 137
1,2-Dichloropropane	10.0	10.6		ug/L		106	80 - 120
1,3,5-Trimethylbenzene	10.0	11.4		ug/L		114	77 - 133
1,3-Dichlorobenzene	10.0	10.8		ug/L		108	79 - 123
1,3-Dichloropropane	10.0	10.4		ug/L		104	80 - 123
1,4-Dichlorobenzene	10.0	10.1		ug/L		101	75 - 123
2,2-Dichloropropane	10.0	11.1		ug/L		111	78 - 133
2-Chlorotoluene	10.0	10.8		ug/L		108	80 - 120
2-Hexanone	10.0	9.96		ug/L		100	57 - 127
4-Chlorotoluene	10.0	10.4		ug/L		104	78 - 120
4-Isopropyltoluene	10.0	11.0		ug/L		110	77 - 127
Acetone	10.0	9.57		ug/L		96	57 - 133
Benzene	10.0	10.3		ug/L		103	80 - 120
Bromobenzene	10.0	11.0		ug/L		110	80 - 124
Bromoform	10.0	11.9		ug/L		119	46 - 178
Bromomethane	10.0	10.7		ug/L		107	52 - 162

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QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-139233/4

Matrix: Water

Analysis Batch: 139233

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon disulfide	10.0	9.36		ug/L		94	66 - 125
Carbon tetrachloride	10.0	9.87		ug/L		99	69 - 145
Chlorobenzene	10.0	10.6		ug/L		106	80 - 120
Bromochloromethane	10.0	10.6		ug/L		106	76 - 125
Chloroethane	10.0	11.2		ug/L		112	73 - 139
Chloroform	10.0	10.5		ug/L		105	80 - 120
Chloromethane	10.0	10.1		ug/L		101	35 - 159
cis-1,2-Dichloroethene	10.0	10.5		ug/L		105	76 - 122
cis-1,3-Dichloropropene	10.0	10.9		ug/L		109	80 - 122
Dibromochloromethane	10.0	11.6		ug/L		116	63 - 151
Dibromomethane	10.0	10.5		ug/L		105	80 - 121
Bromodichloromethane	10.0	11.1		ug/L		111	77 - 141
Dichlorodifluoromethane	10.0	11.4		ug/L		114	59 - 139
Ethylbenzene	10.0	10.7		ug/L		107	80 - 120
Hexachlorobutadiene	10.0	10.9		ug/L		109	76 - 141
Isopropylbenzene	10.0	10.7		ug/L		107	80 - 124
m,p-Xylene	20.0	20.8		ug/L		104	80 - 122
Methylene Chloride	10.0	9.91		ug/L		99	70 - 120
Naphthalene	10.0	10.7		ug/L		107	75 - 120
n-Butylbenzene	10.0	10.6		ug/L		106	76 - 124
N-Propylbenzene	10.0	11.2		ug/L		112	80 - 122
o-Xylene	10.0	11.0		ug/L		110	80 - 122
sec-Butylbenzene	10.0	10.4		ug/L		104	75 - 123
Styrene	10.0	11.0		ug/L		110	80 - 121
tert-Butylbenzene	10.0	10.4		ug/L		104	72 - 128
Tetrachloroethene (PCE)	10.0	10.0		ug/L		100	80 - 128
Toluene	10.0	10.4		ug/L		104	80 - 120
trans-1,2-Dichloroethene	10.0	9.68		ug/L		97	67 - 123
trans-1,3-Dichloropropene	10.0	11.2		ug/L		112	78 - 140
Trichloroethene	10.0	10.2		ug/L		102	80 - 123
Trichlorofluoromethane	10.0	11.3		ug/L		113	64 - 168
Trichlorotrifluoroethane	10.0	7.25		ug/L		73	50 - 120
Vinyl chloride	10.0	11.0		ug/L		110	74 - 130
1,2-Dibromoethane (EDB)	10.0	10.6		ug/L		106	80 - 120
2-Butanone (MEK)	10.0	7.92		ug/L		79	32 - 133
4-Methyl-2-pentanone (MIBK)	10.0	9.46		ug/L		95	68 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		68 - 135
Dibromofluoromethane (Surr)	101		80 - 120
Toluene-d8 (Surr)	101		80 - 120
4-Bromofluorobenzene (Surr)	99		71 - 120

QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-139233/5

Matrix: Water

Analysis Batch: 139233

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichloropropane	10.0	9.76		ug/L		98	66 - 131	10	20
1,1,1,2-Tetrachloroethane	10.0	10.1		ug/L		101	76 - 143	12	20
1,1,1-Trichloroethane	10.0	8.81		ug/L		88	75 - 128	9	20
1,1,2,2-Tetrachloroethane	10.0	9.66		ug/L		97	73 - 126	12	21
1,1,2-Trichloroethane	10.0	9.67		ug/L		97	80 - 120	8	20
1,1-Dichloroethane	10.0	9.13		ug/L		91	76 - 120	10	20
1,1-Dichloroethene	10.0	8.36		ug/L		84	72 - 120	12	20
1,1-Dichloropropene	10.0	8.45		ug/L		85	76 - 120	10	20
1,2,3-Trichlorobenzene	10.0	9.72		ug/L		97	80 - 125	11	22
1,2,4-Trichlorobenzene	10.0	9.88		ug/L		99	80 - 123	11	20
1,2,4-Trimethylbenzene	10.0	9.57		ug/L		96	78 - 125	11	22
1,2-Dibromo-3-Chloropropane	10.0	8.37		ug/L		84	77 - 120	13	21
1,2-Dichlorobenzene	10.0	9.45		ug/L		94	79 - 123	10	20
1,2-Dichloroethane	10.0	9.37		ug/L		94	71 - 137	10	20
1,2-Dichloropropane	10.0	9.39		ug/L		94	80 - 120	13	20
1,3,5-Trimethylbenzene	10.0	10.2		ug/L		102	77 - 133	11	20
1,3-Dichlorobenzene	10.0	9.65		ug/L		96	79 - 123	11	20
1,3-Dichloropropane	10.0	9.38		ug/L		94	80 - 123	10	20
1,4-Dichlorobenzene	10.0	9.11		ug/L		91	75 - 123	10	22
2,2-Dichloropropane	10.0	10.0		ug/L		100	78 - 133	10	20
2-Chlorotoluene	10.0	9.88		ug/L		99	80 - 120	9	20
2-Hexanone	10.0	8.87		ug/L		89	57 - 127	12	21
4-Chlorotoluene	10.0	9.37		ug/L		94	78 - 120	11	21
4-Isopropyltoluene	10.0	9.84		ug/L		98	77 - 127	11	21
Acetone	10.0	8.34		ug/L		83	57 - 133	14	28
Benzene	10.0	9.23		ug/L		92	80 - 120	11	20
Bromobenzene	10.0	9.88		ug/L		99	80 - 124	11	20
Bromoform	10.0	10.6		ug/L		106	46 - 178	11	23
Bromomethane	10.0	9.94		ug/L		99	52 - 162	8	20
Carbon disulfide	10.0	8.52		ug/L		85	66 - 125	9	20
Carbon tetrachloride	10.0	8.82		ug/L		88	69 - 145	11	20
Chlorobenzene	10.0	9.43		ug/L		94	80 - 120	12	20
Bromochloromethane	10.0	9.54		ug/L		95	76 - 125	11	20
Chloroethane	10.0	10.6		ug/L		106	73 - 139	5	20
Chloroform	10.0	9.54		ug/L		95	80 - 120	10	20
Chloromethane	10.0	9.43		ug/L		94	35 - 159	7	20
cis-1,2-Dichloroethene	10.0	9.41		ug/L		94	76 - 122	11	20
cis-1,3-Dichloropropene	10.0	9.64		ug/L		96	80 - 122	12	20
Dibromochloromethane	10.0	10.4		ug/L		104	63 - 151	11	20
Dibromomethane	10.0	9.46		ug/L		95	80 - 121	10	20
Bromodichloromethane	10.0	9.81		ug/L		98	77 - 141	12	20
Dichlorodifluoromethane	10.0	10.5		ug/L		105	59 - 139	8	20
Ethylbenzene	10.0	9.57		ug/L		96	80 - 120	11	20
Hexachlorobutadiene	10.0	9.46		ug/L		95	76 - 141	14	23
Isopropylbenzene	10.0	9.54		ug/L		95	80 - 124	11	20
m,p-Xylene	20.0	18.9		ug/L		95	80 - 122	9	20
Methylene Chloride	10.0	8.96		ug/L		90	70 - 120	10	20
Naphthalene	10.0	9.65		ug/L		96	75 - 120	10	22

Eurofins Calscience Irvine

QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-139233/5
Matrix: Water
Analysis Batch: 139233

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
n-Butylbenzene	10.0	9.47		ug/L		95	76 - 124	12	23
N-Propylbenzene	10.0	9.98		ug/L		100	80 - 122	12	20
o-Xylene	10.0	9.95		ug/L		99	80 - 122	10	20
sec-Butylbenzene	10.0	9.29		ug/L		93	75 - 123	11	21
Styrene	10.0	9.79		ug/L		98	80 - 121	12	20
tert-Butylbenzene	10.0	9.22		ug/L		92	72 - 128	12	22
Tetrachloroethene (PCE)	10.0	8.93		ug/L		89	80 - 128	12	20
Toluene	10.0	9.10		ug/L		91	80 - 120	13	20
trans-1,2-Dichloroethene	10.0	8.69		ug/L		87	67 - 123	11	20
trans-1,3-Dichloropropene	10.0	10.3		ug/L		103	78 - 140	9	20
Trichloroethene	10.0	9.02		ug/L		90	80 - 123	12	20
Trichlorofluoromethane	10.0	10.3		ug/L		103	64 - 168	9	20
Trichlorotrifluoroethane	10.0	6.42		ug/L		64	50 - 120	12	20
Vinyl chloride	10.0	10.4		ug/L		104	74 - 130	6	20
1,2-Dibromoethane (EDB)	10.0	9.50		ug/L		95	80 - 120	11	20
2-Butanone (MEK)	10.0	8.42		ug/L		84	32 - 133	6	26
4-Methyl-2-pentanone (MIBK)	10.0	8.78		ug/L		88	68 - 120	7	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	98		68 - 135
Dibromofluoromethane (Surr)	101		80 - 120
Toluene-d8 (Surr)	100		80 - 120
4-Bromofluorobenzene (Surr)	100		71 - 120

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 570-137455/1-A
Matrix: Water
Analysis Batch: 137751

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 137455

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50	0.34	ug/L		03/20/21 09:51	03/22/21 19:02	1
Isotope Dilution	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac			
1,4-Dioxane-d8	75		15 - 150	03/20/21 09:51	03/22/21 19:02	1			
Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac			
Nitrobenzene-d5 (Surr)	118		46 - 128	03/20/21 09:51	03/22/21 19:02	1			

Lab Sample ID: LCS 570-137455/2-A
Matrix: Water
Analysis Batch: 137751

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137455

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	20.0	20.0		ug/L		100	57 - 136
Isotope Dilution	LCS %Recovery	LCS Qualifier	LCS Limits				
1,4-Dioxane-d8	64		15 - 150				

QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) (Continued)

Lab Sample ID: LCS 570-137455/2-A
Matrix: Water
Analysis Batch: 137751

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137455

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5 (Surr)	112		46 - 128

Lab Sample ID: LCSD 570-137455/3-A
Matrix: Water
Analysis Batch: 137751

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 137455

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit	
1,4-Dioxane	20.0	19.5		ug/L		97	57 - 136	3	20	
Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits							
1,4-Dioxane-d8	89		15 - 150							
Surrogate	LCS %Recovery	LCS Qualifier	Limits							
Nitrobenzene-d5 (Surr)	102		46 - 128							

Lab Sample ID: 440-280708-2 MS
Matrix: Water
Analysis Batch: 137751

Client Sample ID: SVE-15-031721
Prep Type: Total/NA
Prep Batch: 137455

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	
1,4-Dioxane	ND		20.0	20.5		ug/L		103	45 - 139		
Isotope Dilution	MS %Recovery	MS Qualifier	Limits								
1,4-Dioxane-d8	69		15 - 150								
Surrogate	MS %Recovery	MS Qualifier	Limits								
Nitrobenzene-d5 (Surr)	109		46 - 128								

Lab Sample ID: 440-280708-2 MSD
Matrix: Water
Analysis Batch: 137751

Client Sample ID: SVE-15-031721
Prep Type: Total/NA
Prep Batch: 137455

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	ND		20.0	20.2		ug/L		101	45 - 139	2	17
Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits								
1,4-Dioxane-d8	76		15 - 150								
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Nitrobenzene-d5 (Surr)	104		46 - 128								

QC Association Summary

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

GC/MS VOA

Analysis Batch: 138827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-280708-1	TB-031721	Total/NA	Water	8260B	
440-280708-2	SVE-15-031721	Total/NA	Water	8260B	
440-280708-3	SVE-16-031721	Total/NA	Water	8260B	
440-280708-4	MW-34-031721	Total/NA	Water	8260B	
440-280708-5	MW-35-031721	Total/NA	Water	8260B	
440-280708-6	MW-36-031721	Total/NA	Water	8260B	
440-280708-7	MW-7-031721	Total/NA	Water	8260B	
440-280708-8	MW-9-031721	Total/NA	Water	8260B	
440-280708-9	MW-33-031721	Total/NA	Water	8260B	
440-280708-10	MW-10-031721	Total/NA	Water	8260B	
440-280708-11	MW-10D-031721	Total/NA	Water	8260B	
440-280708-12	MW-17-031721	Total/NA	Water	8260B	
MB 570-138827/7	Method Blank	Total/NA	Water	8260B	
LCS 570-138827/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-138827/5	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 139233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-280708-13	DUP-1-031721	Total/NA	Water	8260B	
MB 570-139233/7	Method Blank	Total/NA	Water	8260B	
LCS 570-139233/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-139233/5	Lab Control Sample Dup	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 137455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-280708-2	SVE-15-031721	Total/NA	Water	3510C	
440-280708-3	SVE-16-031721	Total/NA	Water	3510C	
440-280708-4	MW-34-031721	Total/NA	Water	3510C	
440-280708-5	MW-35-031721	Total/NA	Water	3510C	
440-280708-6	MW-36-031721	Total/NA	Water	3510C	
440-280708-7	MW-7-031721	Total/NA	Water	3510C	
440-280708-8	MW-9-031721	Total/NA	Water	3510C	
440-280708-9	MW-33-031721	Total/NA	Water	3510C	
440-280708-10	MW-10-031721	Total/NA	Water	3510C	
440-280708-11	MW-10D-031721	Total/NA	Water	3510C	
440-280708-12	MW-17-031721	Total/NA	Water	3510C	
440-280708-13	DUP-1-031721	Total/NA	Water	3510C	
MB 570-137455/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-137455/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-137455/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
440-280708-2 MS	SVE-15-031721	Total/NA	Water	3510C	
440-280708-2 MSD	SVE-15-031721	Total/NA	Water	3510C	

Analysis Batch: 137751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-280708-2	SVE-15-031721	Total/NA	Water	8270C SIM ID	137455
440-280708-3	SVE-16-031721	Total/NA	Water	8270C SIM ID	137455
440-280708-4	MW-34-031721	Total/NA	Water	8270C SIM ID	137455
440-280708-5	MW-35-031721	Total/NA	Water	8270C SIM ID	137455

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QC Association Summary

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

GC/MS Semi VOA (Continued)

Analysis Batch: 137751 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-280708-6	MW-36-031721	Total/NA	Water	8270C SIM ID	137455
440-280708-7	MW-7-031721	Total/NA	Water	8270C SIM ID	137455
440-280708-8	MW-9-031721	Total/NA	Water	8270C SIM ID	137455
440-280708-9	MW-33-031721	Total/NA	Water	8270C SIM ID	137455
440-280708-10	MW-10-031721	Total/NA	Water	8270C SIM ID	137455
440-280708-11	MW-10D-031721	Total/NA	Water	8270C SIM ID	137455
440-280708-12	MW-17-031721	Total/NA	Water	8270C SIM ID	137455
440-280708-13	DUP-1-031721	Total/NA	Water	8270C SIM ID	137455
MB 570-137455/1-A	Method Blank	Total/NA	Water	8270C SIM ID	137455
LCS 570-137455/2-A	Lab Control Sample	Total/NA	Water	8270C SIM ID	137455
LCSD 570-137455/3-A	Lab Control Sample Dup	Total/NA	Water	8270C SIM ID	137455
440-280708-2 MS	SVE-15-031721	Total/NA	Water	8270C SIM ID	137455
440-280708-2 MSD	SVE-15-031721	Total/NA	Water	8270C SIM ID	137455

Definitions/Glossary

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-0161	11-19-21
California	Los Angeles County Sanitation Districts	10109	09-30-21
California	SCAQMD LAP	17LA0919	11-30-21
California	State	2944	09-30-21
Guam	State	20-003R	10-31-20 *
Nevada	State	CA00111	07-31-21
Oregon	NELAP	CA300001	01-30-22
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-21

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Calscience Irvine

1/2

BLAINE

TECH SERVICES INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY
BTS # 210115-121
General Atomics
General Atomics
11222 Flintoke
San Diego, CA

LAB Test America

DHS #

SPECIAL INSTRUCTIONS

Report to
Anil Dharmapal
Project Manager
Licensing, Safety and Nuclear Compliance
3550 General Atomics Court, San Diego CA 92121
Office (858) 455-2540, Cell (858) 226-0582

CONDUCT ANALYSIS TO DETECT

VOC analyses (USEPA Method 8260B) X
1,4-Dioxane (USEPA Method 8270D) X
Alkalinity
Chloride
Cr (VI)
Metals (total/dissolved)
TOC

CONTAINERS

SAMPLE I.D.	DATE	TIME	MATRIX	TOTAL	CONTAINERS	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
10-031721	03/17/21	0600	W	2	various				
10-031721	03/17/21	0753	W	4	various				
10-031721	03/17/21	0800	W	4	various				
10-031721	03/17/21	0834	W	4	various				
10-031721	03/17/21	0907	W	4	various				
10-031721	03/17/21	0944	W	4	various				
10-031721	03/17/21	1013	W	4	various				
10-031721	03/17/21	1135	W	7	various				
10-031721	03/17/21	1219	W	7	various				
10-031721	03/17/21	1146	W	7	various				



RELEASED BY *Christy Zalesky*

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
<i>Christy Zalesky</i>	03/17/21	1615	<i>William Rivera</i>	3/17/21	1615
<i>William Rivera</i>	3/17/21	1910	<i>William Rivera</i>	3/17/21	1910

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

28/2.5, 1.9/16 #89



212

BLAINE
TECH SERVICES INC.
1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY
BTS # 210315 (21)
CLIENT General Atomics
SITE General Atomics
11222 Flintoko
San Diego, CA

LAB Test America
DHS #

SPECIAL INSTRUCTIONS
Report to
Anil Dharmapal
Project Manager
Licensing, Safety and Nuclear Compliance
3550 General Atomics Court, San Diego, CA 92121
Office (858) 455-2540, Cell (858) 226-0582

SAMPLE ID	DATE	TIME	MATRIX S = Soil W = H ₂ O	TOTAL	CONTAINERS	CONDUCT ANALYSIS TO DETECT						ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
						VOC analyses (USEPA Method 8260B)	1,4-Dioxane (USEPA Method 8270D)	Alkalinity	Chloride	Cr (VI)	Metals (total/dissolved)				
03-17-031721	03/17/21	1307	W	7	various	X	X								
03-17-031721	03/17/21	1337	W	7	various	X	X								
03-17-031721	03/17/21	—	W	7	various	X	X								

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED NO LATER THAN	
	03/17/21		Chris Zaleski		
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
	03/17/21	1615	William Rivera	3/17/21	1615
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
	3/17/21	1910	William Rivera	3/17/21	1910
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
SHIPPED VIA	DATE SENT	TIME SENT	COOLER #		



Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler: Lab PAM: David Jikov, Lena	Carrier Tracking No(s): 440-1671111				
Shipping/Receiving: Eurofins Calscience LLC		Phone: Lena Davidkova@Eurofins.com	COC No: 440-280708-1				
Address: 7440 Lincoln Way, Garden Grove, CA 92841		State of Origin (California)	Page: Page 1 of 2				
Due Date Requested: 3/30/2021		Accreditations Required (See note): State Program - California	Job #: 440-280708-1				
TAT Requested (days):		Analysis Requested Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/> Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> 8260B_LL/5030C (MOD) Default/Keones <input checked="" type="checkbox"/> 8270C_SIM_MS_ID/3510C 1,4-Dioxane + SIM_MS_ID <input checked="" type="checkbox"/>	Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:				
PO #:	Sample Date			Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Seawater, On-water, BT-Tissue, A-Air)	Total Number of Containers
WO #:	06:00 Pacific			3/17/21	Water	Water	2
Project #:	07:53 Pacific			3/17/21	Water	Water	4
44023004	08:00 Pacific			3/17/21	Water	Water	4
SSOW#:	08 34 Pacific			3/17/21	Water	Water	4
	09 07 Pacific	3/17/21	Water	Water	4		
	09 44 Pacific	3/17/21	Water	Water	4		
	10 13 Pacific	3/17/21	Water	Water	4		
	11 35 Pacific	3/17/21	Water	Water	7		
	12 19 Pacific	3/17/21	Water	Water	7		
	Pacific	3/17/21	Water	Water	7		

Special Instructions/Note:

Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience.

Possible Hazard Identification
 Unconfirmed
 Deliverable Requested 1, II, III, IV, Other (specify) Primary Deliverable Rank: 2
 Empty Kit Relinquished by _____
 Relinquished by _____ Date: 3-18-21 14:00 Company: CE FORN
 Relinquished by _____ Date: _____ Company: _____
 Relinquished by _____ Date: _____ Company: _____
 Custody Seals Intact: Yes No Δ No
 Custody Seal No: NA
 Cooler Temperature(s) °C and Other Remarks: 22/11506, 26/15
 Ver: 11/01/2020



Eurofins Calscience Irvine
 17461 Derlan Ave Suite 100
 Irvine, CA 92614-5817
 Phone 949-261-1022 Fax: 949-260-3297

Chain of Custody Record

Sampler			Lab PM: Davidkov, Lena			Carrier Tracking No(s):			COC No: 440-167111.2																													
Phone:			E-Mail: Lena Davidkova@Eurofinset.com			State of Origin: California			Page: Page 2 of 2																													
Company: Eurofins Calscience LLC			Accreditations Required (See note): State Program - California			Job #:			440-280708-1																													
Address: 7440 Lincoln Way,			Due Date Requested: 3/30/2021			Analysis Requested			Preservation Codes:																													
City: Garden Grove			TAT Requested (days):			<table border="1"> <thead> <tr> <th>Field Filtered Sample (Yes or No)</th> <th>Perform MS/MSD (Yes or No)</th> <th>8260B_LL/5030C (MOD) Default/Ketones</th> <th>8270C_SIM_MS_ID/3510C 1,4-Dioxane - SIM_MS_ID</th> <th>Total Number of Containers</th> <th rowspan="4">Special Instructions/Note:</th> </tr> </thead> <tbody> <tr> <td></td><td></td><td>X</td><td>X</td><td>7</td><td rowspan="4"></td> </tr> <tr> <td></td><td></td><td>X</td><td>X</td><td>7</td> </tr> <tr> <td></td><td></td><td>X</td><td>X</td><td>7</td> </tr> <tr> <td></td><td></td><td>X</td><td>X</td><td>7</td> </tr> </tbody> </table>						Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B_LL/5030C (MOD) Default/Ketones	8270C_SIM_MS_ID/3510C 1,4-Dioxane - SIM_MS_ID	Total Number of Containers	Special Instructions/Note:			X	X	7				X	X	7			X	X	7			X	X	7
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B_LL/5030C (MOD) Default/Ketones	8270C_SIM_MS_ID/3510C 1,4-Dioxane - SIM_MS_ID	Total Number of Containers	Special Instructions/Note:																																	
		X	X	7																																		
		X	X	7																																		
		X	X	7																																		
		X	X	7																																		
State, Zip: CA, 92841			PO #:																																			
Phone: 714-895-5494(Tel) 714-894-7501(Fax)			WO #:																																			
Email:			Project #:																																			
Project Name: Monthly In-situ Chemical Oxidation (ISCO)			44023004																																			
Site:			SSOW#:																																			
Sample Identification - Client ID (Lab ID)			Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Soil, Other)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B_LL/5030C (MOD) Default/Ketones	8270C_SIM_MS_ID/3510C 1,4-Dioxane - SIM_MS_ID	Total Number of Containers	Special Instructions/Note:																										
MW-10-031721 (440-280708-10)			3/17/21	11:46 Pacific	Water	Water	X	X			7																											
MW-10D-031721 (440-280708-11)			3/17/21	13:07 Pacific	Water	Water	X	X			7																											
MW-17-031721 (440-280708-12)			3/17/21	13:07 Pacific	Water	Water	X	X			7																											
DUP-1-031721 (440-280708-13)			3/17/21	00:01 Pacific	Water	Water	X	X			7																											

Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience.

Possible Hazard Identification
 Unconfirmed
 Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank 2
 Special Instructions/QC Requirements

Empty Kit Relinquished by
 Relinquished by: *[Signature]* Date/Time: 3-18-21 14:00 Company: *[Signature]* Received by: You Date/Time: 3/18/21 14:00 Company: *[Signature]*
 Relinquished by: Company: Company: Received by: Company: Received by: Company:
 Relinquished by: Company: Received by: Company: Received by: Company:
 Custody Seal No: *N/A* Custody Seal No: *N/A*
 Cooler Temperature(s) °C and Other Remarks: *22/1.1 sec 6, 2.6/1.5*



Login Sample Receipt Checklist

Client: General Atomics

Job Number: 440-280708-1

Login Number: 280708

List Source: Eurofins Irvine

List Number: 1

Creator: Escalante, Maria I

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: General Atomics

Job Number: 440-280708-1

Login Number: 280708

List Source: Eurofins Calscience

List Number: 2

List Creation: 03/18/21 06:43 PM

Creator: Ortiz-Luis, Michael

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.1, 1.5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Isotope Dilution Summary

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280708-1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DXE (15-150)
440-280708-2	SVE-15-031721	69
440-280708-2 MS	SVE-15-031721	69
440-280708-2 MSD	SVE-15-031721	76
440-280708-3	SVE-16-031721	61
440-280708-4	MW-34-031721	69
440-280708-5	MW-35-031721	61
440-280708-6	MW-36-031721	55
440-280708-7	MW-7-031721	73
440-280708-8	MW-9-031721	66
440-280708-9	MW-33-031721	67
440-280708-10	MW-10-031721	65
440-280708-11	MW-10D-031721	58
440-280708-12	MW-17-031721	58
440-280708-13	DUP-1-031721	61
LCS 570-137455/2-A	Lab Control Sample	64
LCSD 570-137455/3-A	Lab Control Sample Dup	89
MB 570-137455/1-A	Method Blank	75

Surrogate Legend

DXE = 1,4-Dioxane-d8

1
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ANALYTICAL REPORT

Eurofins Calscience Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

Laboratory Job ID: 440-280746-1

Client Project/Site: Monthly In-situ Chemical Oxidation (ISCO)
Revision: 1

For:
General Atomics
PO BOX 85608
San Diego, California 92138-5608

Attn: Anil Dharmapal



Authorized for release by:
4/19/2021 5:19:54 PM

Lena Davidkov, Project Manager II
(949)260-3229
Lena.Davidkova@Eurofinset.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.





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Sample Summary

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
440-280746-1	TB-031821	Water	03/18/21 06:00	03/18/21 16:20	
440-280746-2	MW-23-031821	Water	03/18/21 08:16	03/18/21 16:20	
440-280746-3	GECC-901-031821	Water	03/18/21 08:29	03/18/21 16:20	
440-280746-4	GECC-902-031821	Water	03/18/21 09:25	03/18/21 16:20	
440-280746-5	GECC-905-031821	Water	03/18/21 09:15	03/18/21 16:20	
440-280746-6	P-111-031821	Water	03/18/21 09:59	03/18/21 16:20	
440-280746-7	P-112-031821	Water	03/18/21 10:19	03/18/21 16:20	
440-280746-8	P-113-031821	Water	03/18/21 11:28	03/18/21 16:20	
440-280746-9	P-114-031821	Water	03/18/21 10:53	03/18/21 16:20	
440-280746-10	DUP-2-031821	Water	03/18/21 00:01	03/18/21 16:20	



Case Narrative

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Job ID: 440-280746-1

Laboratory: Eurofins Calscience Irvine

Narrative

**Job Narrative
440-280746-1**

Comments

This report was revised to include QC data for Trichlorotrifluoroethane

Receipt

The samples were received on 3/18/2021 4:20 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.8° C and 1.6° C.

GC/MS VOA

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with analytical batch 570-139233.

Method 8260B: The matrix spike duplicate (MSD) associated with analytical batch 570-139539 was analyzed outside of the 12-hour tune window. The associated laboratory control sample and duplicate (LCS/LCSD) and matrix spike (MS) were analyzed within the 12-hour tune window and recovery and precision met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Client Sample ID: TB-031821

Lab Sample ID: 440-280746-1

Date Collected: 03/18/21 06:00

Matrix: Water

Date Received: 03/18/21 16:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			03/29/21 12:42	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			03/29/21 12:42	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/29/21 12:42	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			03/29/21 12:42	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			03/29/21 12:42	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			03/29/21 12:42	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			03/29/21 12:42	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			03/29/21 12:42	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			03/29/21 12:42	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			03/29/21 12:42	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			03/29/21 12:42	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			03/29/21 12:42	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			03/29/21 12:42	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			03/29/21 12:42	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			03/29/21 12:42	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			03/29/21 12:42	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			03/29/21 12:42	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			03/29/21 12:42	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			03/29/21 12:42	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			03/29/21 12:42	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			03/29/21 12:42	1
2-Hexanone	ND		6.0	4.3	ug/L			03/29/21 12:42	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			03/29/21 12:42	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			03/29/21 12:42	1
Acetone	ND		8.0	4.0	ug/L			03/29/21 12:42	1
Benzene	ND		0.50	0.27	ug/L			03/29/21 12:42	1
Bromobenzene	ND		0.50	0.26	ug/L			03/29/21 12:42	1
Bromoform	ND		0.50	0.39	ug/L			03/29/21 12:42	1
Bromomethane	ND		1.0	0.93	ug/L			03/29/21 12:42	1
Carbon disulfide	ND		1.0	0.24	ug/L			03/29/21 12:42	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			03/29/21 12:42	1
Chlorobenzene	ND		0.50	0.24	ug/L			03/29/21 12:42	1
Bromochloromethane	ND		1.0	0.35	ug/L			03/29/21 12:42	1
Chloroethane	ND		0.50	0.44	ug/L			03/29/21 12:42	1
Chloroform	ND		0.50	0.28	ug/L			03/29/21 12:42	1
Chloromethane	ND		1.0	0.29	ug/L			03/29/21 12:42	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			03/29/21 12:42	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			03/29/21 12:42	1
Dibromochloromethane	ND		0.50	0.27	ug/L			03/29/21 12:42	1
Dibromomethane	ND		0.50	0.23	ug/L			03/29/21 12:42	1
Bromodichloromethane	ND		0.50	0.22	ug/L			03/29/21 12:42	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/29/21 12:42	1
Ethylbenzene	ND		0.50	0.36	ug/L			03/29/21 12:42	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			03/29/21 12:42	1
Isopropylbenzene	ND		0.50	0.38	ug/L			03/29/21 12:42	1
m,p-Xylene	ND		1.0	0.78	ug/L			03/29/21 12:42	1
Methylene Chloride	ND		1.0	0.48	ug/L			03/29/21 12:42	1
Naphthalene	ND		1.0	0.32	ug/L			03/29/21 12:42	1
n-Butylbenzene	ND		0.50	0.29	ug/L			03/29/21 12:42	1

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Client Sample ID: TB-031821

Lab Sample ID: 440-280746-1

Date Collected: 03/18/21 06:00

Matrix: Water

Date Received: 03/18/21 16:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.50	0.39	ug/L			03/29/21 12:42	1
o-Xylene	ND		0.50	0.35	ug/L			03/29/21 12:42	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			03/29/21 12:42	1
Styrene	ND		0.50	0.28	ug/L			03/29/21 12:42	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			03/29/21 12:42	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			03/29/21 12:42	1
Toluene	ND		0.50	0.33	ug/L			03/29/21 12:42	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			03/29/21 12:42	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/29/21 12:42	1
Trichloroethene	ND		0.50	0.29	ug/L			03/29/21 12:42	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			03/29/21 12:42	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			03/29/21 12:42	1
Vinyl chloride	ND		0.50	0.40	ug/L			03/29/21 12:42	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			03/29/21 12:42	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			03/29/21 12:42	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			03/29/21 12:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		68 - 135					03/29/21 12:42	1
Dibromofluoromethane (Surr)	100		80 - 120					03/29/21 12:42	1
Toluene-d8 (Surr)	100		80 - 120					03/29/21 12:42	1
4-Bromofluorobenzene (Surr)	96		71 - 120					03/29/21 12:42	1

Client Sample ID: MW-23-031821

Lab Sample ID: 440-280746-2

Date Collected: 03/18/21 08:16

Matrix: Water

Date Received: 03/18/21 16:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			03/29/21 13:08	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			03/29/21 13:08	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/29/21 13:08	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.19	ug/L			03/29/21 13:08	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			03/29/21 13:08	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			03/29/21 13:08	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			03/29/21 13:08	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			03/29/21 13:08	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			03/29/21 13:08	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			03/29/21 13:08	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			03/29/21 13:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			03/29/21 13:08	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			03/29/21 13:08	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			03/29/21 13:08	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			03/29/21 13:08	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			03/29/21 13:08	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			03/29/21 13:08	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			03/29/21 13:08	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			03/29/21 13:08	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			03/29/21 13:08	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			03/29/21 13:08	1

Eurofins Calscience Irvine

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Client Sample ID: MW-23-031821

Lab Sample ID: 440-280746-2

Date Collected: 03/18/21 08:16

Matrix: Water

Date Received: 03/18/21 16:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	ND		6.0	4.3	ug/L			03/29/21 13:08	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			03/29/21 13:08	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			03/29/21 13:08	1
Acetone	ND		8.0	4.0	ug/L			03/29/21 13:08	1
Benzene	ND		0.50	0.27	ug/L			03/29/21 13:08	1
Bromobenzene	ND		0.50	0.26	ug/L			03/29/21 13:08	1
Bromoform	ND		0.50	0.39	ug/L			03/29/21 13:08	1
Bromomethane	ND		1.0	0.93	ug/L			03/29/21 13:08	1
Carbon disulfide	ND		1.0	0.24	ug/L			03/29/21 13:08	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			03/29/21 13:08	1
Chlorobenzene	ND		0.50	0.24	ug/L			03/29/21 13:08	1
Bromochloromethane	ND		1.0	0.35	ug/L			03/29/21 13:08	1
Chloroethane	ND		0.50	0.44	ug/L			03/29/21 13:08	1
Chloroform	ND		0.50	0.28	ug/L			03/29/21 13:08	1
Chloromethane	ND		1.0	0.29	ug/L			03/29/21 13:08	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			03/29/21 13:08	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			03/29/21 13:08	1
Dibromochloromethane	ND		0.50	0.27	ug/L			03/29/21 13:08	1
Dibromomethane	ND		0.50	0.23	ug/L			03/29/21 13:08	1
Bromodichloromethane	ND		0.50	0.22	ug/L			03/29/21 13:08	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/29/21 13:08	1
Ethylbenzene	ND		0.50	0.36	ug/L			03/29/21 13:08	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			03/29/21 13:08	1
Isopropylbenzene	ND		0.50	0.38	ug/L			03/29/21 13:08	1
m,p-Xylene	ND		1.0	0.78	ug/L			03/29/21 13:08	1
Methylene Chloride	ND		1.0	0.48	ug/L			03/29/21 13:08	1
Naphthalene	ND		1.0	0.32	ug/L			03/29/21 13:08	1
n-Butylbenzene	ND		0.50	0.29	ug/L			03/29/21 13:08	1
N-Propylbenzene	ND		0.50	0.39	ug/L			03/29/21 13:08	1
o-Xylene	ND		0.50	0.35	ug/L			03/29/21 13:08	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			03/29/21 13:08	1
Styrene	ND		0.50	0.28	ug/L			03/29/21 13:08	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			03/29/21 13:08	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			03/29/21 13:08	1
Toluene	ND		0.50	0.33	ug/L			03/29/21 13:08	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			03/29/21 13:08	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/29/21 13:08	1
Trichloroethene	0.34	J	0.50	0.29	ug/L			03/29/21 13:08	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			03/29/21 13:08	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			03/29/21 13:08	1
Vinyl chloride	ND		0.50	0.40	ug/L			03/29/21 13:08	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			03/29/21 13:08	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			03/29/21 13:08	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			03/29/21 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		68 - 135		03/29/21 13:08	1
Dibromofluoromethane (Surr)	101		80 - 120		03/29/21 13:08	1
Toluene-d8 (Surr)	101		80 - 120		03/29/21 13:08	1
4-Bromofluorobenzene (Surr)	93		71 - 120		03/29/21 13:08	1

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Client Sample ID: MW-23-031821

Lab Sample ID: 440-280746-2

Date Collected: 03/18/21 08:16

Matrix: Water

Date Received: 03/18/21 16:20

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50	0.34	ug/L		03/23/21 09:58	03/31/21 05:38	1
Isotope Dilution									
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	45		15 - 150				03/23/21 09:58	03/31/21 05:38	1
Surrogate									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	78		46 - 128				03/23/21 09:58	03/31/21 05:38	1

Client Sample ID: GECC-901-031821

Lab Sample ID: 440-280746-3

Date Collected: 03/18/21 08:29

Matrix: Water

Date Received: 03/18/21 16:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		10	6.4	ug/L			03/29/21 13:35	20
1,1,1,2-Tetrachloroethane	ND		10	5.1	ug/L			03/29/21 13:35	20
1,1,1-Trichloroethane	ND		10	5.3	ug/L			03/29/21 13:35	20
1,1,2,2-Tetrachloroethane	ND		10	3.9	ug/L			03/29/21 13:35	20
1,1,2-Trichloroethane	ND		10	1.7	ug/L			03/29/21 13:35	20
1,1-Dichloroethane	ND		10	7.1	ug/L			03/29/21 13:35	20
1,1-Dichloroethene	ND		10	7.8	ug/L			03/29/21 13:35	20
1,1-Dichloropropene	ND		10	4.8	ug/L			03/29/21 13:35	20
1,2,3-Trichlorobenzene	ND		10	5.5	ug/L			03/29/21 13:35	20
1,2,4-Trichlorobenzene	ND		10	7.5	ug/L			03/29/21 13:35	20
1,2,4-Trimethylbenzene	ND		10	5.7	ug/L			03/29/21 13:35	20
1,2-Dibromo-3-Chloropropane	ND		20	13	ug/L			03/29/21 13:35	20
1,2-Dichlorobenzene	ND		10	4.6	ug/L			03/29/21 13:35	20
1,2-Dichloroethane	ND		10	3.0	ug/L			03/29/21 13:35	20
1,2-Dichloropropane	ND		10	4.8	ug/L			03/29/21 13:35	20
1,3,5-Trimethylbenzene	ND		10	5.7	ug/L			03/29/21 13:35	20
1,3-Dichlorobenzene	ND		10	5.1	ug/L			03/29/21 13:35	20
1,3-Dichloropropane	ND		10	4.1	ug/L			03/29/21 13:35	20
1,4-Dichlorobenzene	ND		10	4.5	ug/L			03/29/21 13:35	20
2,2-Dichloropropane	ND		10	7.9	ug/L			03/29/21 13:35	20
2-Chlorotoluene	ND		10	6.2	ug/L			03/29/21 13:35	20
2-Hexanone	ND		120	86	ug/L			03/29/21 13:35	20
4-Chlorotoluene	ND		10	6.7	ug/L			03/29/21 13:35	20
4-Isopropyltoluene	ND		10	5.5	ug/L			03/29/21 13:35	20
Acetone	ND		160	80	ug/L			03/29/21 13:35	20
Benzene	ND		10	5.3	ug/L			03/29/21 13:35	20
Bromobenzene	ND		10	5.2	ug/L			03/29/21 13:35	20
Bromoform	ND		10	7.8	ug/L			03/29/21 13:35	20
Bromomethane	ND		20	19	ug/L			03/29/21 13:35	20
Carbon disulfide	ND		20	4.9	ug/L			03/29/21 13:35	20
Carbon tetrachloride	ND		10	5.4	ug/L			03/29/21 13:35	20
Chlorobenzene	ND		10	4.8	ug/L			03/29/21 13:35	20
Bromochloromethane	ND		20	7.0	ug/L			03/29/21 13:35	20
Chloroethane	ND		10	8.8	ug/L			03/29/21 13:35	20
Chloroform	ND		10	5.7	ug/L			03/29/21 13:35	20
Chloromethane	ND		20	5.9	ug/L			03/29/21 13:35	20
cis-1,2-Dichloroethene	6.6	J	10	6.0	ug/L			03/29/21 13:35	20

Eurofins Calscience Irvine

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Client Sample ID: GECC-901-031821

Lab Sample ID: 440-280746-3

Date Collected: 03/18/21 08:29

Matrix: Water

Date Received: 03/18/21 16:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		10	3.8	ug/L			03/29/21 13:35	20
Dibromochloromethane	ND		10	5.4	ug/L			03/29/21 13:35	20
Dibromomethane	ND		10	4.6	ug/L			03/29/21 13:35	20
Bromodichloromethane	ND		10	4.5	ug/L			03/29/21 13:35	20
Dichlorodifluoromethane	ND		20	14	ug/L			03/29/21 13:35	20
Ethylbenzene	ND		10	7.1	ug/L			03/29/21 13:35	20
Hexachlorobutadiene	ND		20	6.3	ug/L			03/29/21 13:35	20
Isopropylbenzene	ND		10	7.7	ug/L			03/29/21 13:35	20
m,p-Xylene	ND		20	16	ug/L			03/29/21 13:35	20
Methylene Chloride	ND		20	9.6	ug/L			03/29/21 13:35	20
Naphthalene	ND		20	6.4	ug/L			03/29/21 13:35	20
n-Butylbenzene	ND		10	5.9	ug/L			03/29/21 13:35	20
N-Propylbenzene	ND		10	7.8	ug/L			03/29/21 13:35	20
o-Xylene	ND		10	7.0	ug/L			03/29/21 13:35	20
sec-Butylbenzene	ND		10	6.8	ug/L			03/29/21 13:35	20
Styrene	ND		10	5.5	ug/L			03/29/21 13:35	20
tert-Butylbenzene	ND		10	6.8	ug/L			03/29/21 13:35	20
Tetrachloroethene (PCE)	ND		10	5.8	ug/L			03/29/21 13:35	20
Toluene	ND		10	6.6	ug/L			03/29/21 13:35	20
trans-1,2-Dichloroethene	ND		10	7.2	ug/L			03/29/21 13:35	20
trans-1,3-Dichloropropene	ND		10	3.5	ug/L			03/29/21 13:35	20
Trichloroethene	1000		10	5.8	ug/L			03/29/21 13:35	20
Trichlorofluoromethane	ND		10	5.9	ug/L			03/29/21 13:35	20
Trichlorotrifluoroethane	ND		10	5.0	ug/L			03/29/21 13:35	20
Vinyl chloride	ND		10	8.0	ug/L			03/29/21 13:35	20
1,2-Dibromoethane (EDB)	ND		10	2.7	ug/L			03/29/21 13:35	20
2-Butanone (MEK)	ND		100	61	ug/L			03/29/21 13:35	20
4-Methyl-2-pentanone (MIBK)	ND		100	45	ug/L			03/29/21 13:35	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		68 - 135		03/29/21 13:35	20
Dibromofluoromethane (Surr)	103		80 - 120		03/29/21 13:35	20
Toluene-d8 (Surr)	100		80 - 120		03/29/21 13:35	20
4-Bromofluorobenzene (Surr)	92		71 - 120		03/29/21 13:35	20

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50	0.34	ug/L		03/23/21 09:58	03/31/21 05:53	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	41		15 - 150	03/23/21 09:58	03/31/21 05:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	87		46 - 128	03/23/21 09:58	03/31/21 05:53	1

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Client Sample ID: GECC-902-031821

Lab Sample ID: 440-280746-4

Date Collected: 03/18/21 09:25

Matrix: Water

Date Received: 03/18/21 16:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		4.0	2.6	ug/L			03/29/21 14:02	8
1,1,1,2-Tetrachloroethane	ND		4.0	2.1	ug/L			03/29/21 14:02	8
1,1,1-Trichloroethane	ND		4.0	2.1	ug/L			03/29/21 14:02	8
1,1,2,2-Tetrachloroethane	ND		4.0	1.6	ug/L			03/29/21 14:02	8
1,1,2-Trichloroethane	ND		4.0	0.68	ug/L			03/29/21 14:02	8
1,1-Dichloroethane	ND		4.0	2.8	ug/L			03/29/21 14:02	8
1,1-Dichloroethene	ND		4.0	3.1	ug/L			03/29/21 14:02	8
1,1-Dichloropropene	ND		4.0	1.9	ug/L			03/29/21 14:02	8
1,2,3-Trichlorobenzene	ND		4.0	2.2	ug/L			03/29/21 14:02	8
1,2,4-Trichlorobenzene	ND		4.0	3.0	ug/L			03/29/21 14:02	8
1,2,4-Trimethylbenzene	ND		4.0	2.3	ug/L			03/29/21 14:02	8
1,2-Dibromo-3-Chloropropane	ND		8.0	5.1	ug/L			03/29/21 14:02	8
1,2-Dichlorobenzene	ND		4.0	1.8	ug/L			03/29/21 14:02	8
1,2-Dichloroethane	ND		4.0	1.2	ug/L			03/29/21 14:02	8
1,2-Dichloropropane	ND		4.0	1.9	ug/L			03/29/21 14:02	8
1,3,5-Trimethylbenzene	ND		4.0	2.3	ug/L			03/29/21 14:02	8
1,3-Dichlorobenzene	ND		4.0	2.1	ug/L			03/29/21 14:02	8
1,3-Dichloropropane	ND		4.0	1.6	ug/L			03/29/21 14:02	8
1,4-Dichlorobenzene	ND		4.0	1.8	ug/L			03/29/21 14:02	8
2,2-Dichloropropane	ND		4.0	3.2	ug/L			03/29/21 14:02	8
2-Chlorotoluene	ND		4.0	2.5	ug/L			03/29/21 14:02	8
2-Hexanone	ND		48	35	ug/L			03/29/21 14:02	8
4-Chlorotoluene	ND		4.0	2.7	ug/L			03/29/21 14:02	8
4-Isopropyltoluene	ND		4.0	2.2	ug/L			03/29/21 14:02	8
Acetone	ND		64	32	ug/L			03/29/21 14:02	8
Benzene	ND		4.0	2.1	ug/L			03/29/21 14:02	8
Bromobenzene	ND		4.0	2.1	ug/L			03/29/21 14:02	8
Bromoform	ND		4.0	3.1	ug/L			03/29/21 14:02	8
Bromomethane	ND		8.0	7.5	ug/L			03/29/21 14:02	8
Carbon disulfide	ND		8.0	2.0	ug/L			03/29/21 14:02	8
Carbon tetrachloride	ND		4.0	2.2	ug/L			03/29/21 14:02	8
Chlorobenzene	ND		4.0	1.9	ug/L			03/29/21 14:02	8
Bromochloromethane	ND		8.0	2.8	ug/L			03/29/21 14:02	8
Chloroethane	ND		4.0	3.5	ug/L			03/29/21 14:02	8
Chloroform	ND		4.0	2.3	ug/L			03/29/21 14:02	8
Chloromethane	ND		8.0	2.4	ug/L			03/29/21 14:02	8
cis-1,2-Dichloroethene	3.3	J	4.0	2.4	ug/L			03/29/21 14:02	8
cis-1,3-Dichloropropene	ND		4.0	1.5	ug/L			03/29/21 14:02	8
Dibromochloromethane	ND		4.0	2.2	ug/L			03/29/21 14:02	8
Dibromomethane	ND		4.0	1.8	ug/L			03/29/21 14:02	8
Bromodichloromethane	ND		4.0	1.8	ug/L			03/29/21 14:02	8
Dichlorodifluoromethane	ND		8.0	5.4	ug/L			03/29/21 14:02	8
Ethylbenzene	ND		4.0	2.8	ug/L			03/29/21 14:02	8
Hexachlorobutadiene	ND		8.0	2.5	ug/L			03/29/21 14:02	8
Isopropylbenzene	ND		4.0	3.1	ug/L			03/29/21 14:02	8
m,p-Xylene	ND		8.0	6.3	ug/L			03/29/21 14:02	8
Methylene Chloride	ND		8.0	3.8	ug/L			03/29/21 14:02	8
Naphthalene	ND		8.0	2.5	ug/L			03/29/21 14:02	8
n-Butylbenzene	ND		4.0	2.3	ug/L			03/29/21 14:02	8

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Client Sample ID: GECC-902-031821

Lab Sample ID: 440-280746-4

Date Collected: 03/18/21 09:25

Matrix: Water

Date Received: 03/18/21 16:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		4.0	3.1	ug/L			03/29/21 14:02	8
o-Xylene	ND		4.0	2.8	ug/L			03/29/21 14:02	8
sec-Butylbenzene	ND		4.0	2.7	ug/L			03/29/21 14:02	8
Styrene	ND		4.0	2.2	ug/L			03/29/21 14:02	8
tert-Butylbenzene	ND		4.0	2.7	ug/L			03/29/21 14:02	8
Tetrachloroethene (PCE)	24		4.0	2.3	ug/L			03/29/21 14:02	8
Toluene	ND		4.0	2.6	ug/L			03/29/21 14:02	8
trans-1,2-Dichloroethene	ND		4.0	2.9	ug/L			03/29/21 14:02	8
trans-1,3-Dichloropropene	ND		4.0	1.4	ug/L			03/29/21 14:02	8
Trichloroethene	210		4.0	2.3	ug/L			03/29/21 14:02	8
Trichlorofluoromethane	ND		4.0	2.4	ug/L			03/29/21 14:02	8
Trichlorotrifluoroethane	ND		4.0	2.0	ug/L			03/29/21 14:02	8
Vinyl chloride	ND		4.0	3.2	ug/L			03/29/21 14:02	8
1,2-Dibromoethane (EDB)	ND		4.0	1.1	ug/L			03/29/21 14:02	8
2-Butanone (MEK)	ND		40	24	ug/L			03/29/21 14:02	8
4-Methyl-2-pentanone (MIBK)	ND		40	18	ug/L			03/29/21 14:02	8
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		68 - 135					03/29/21 14:02	8
Dibromofluoromethane (Surr)	104		80 - 120					03/29/21 14:02	8
Toluene-d8 (Surr)	100		80 - 120					03/29/21 14:02	8
4-Bromofluorobenzene (Surr)	96		71 - 120					03/29/21 14:02	8

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	9.4		0.50	0.34	ug/L		03/23/21 09:58	03/31/21 06:07	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	47		15 - 150				03/23/21 09:58	03/31/21 06:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	100		46 - 128				03/23/21 09:58	03/31/21 06:07	1

Client Sample ID: GECC-905-031821

Lab Sample ID: 440-280746-5

Date Collected: 03/18/21 09:15

Matrix: Water

Date Received: 03/18/21 16:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		4.0	2.6	ug/L			03/29/21 14:29	8
1,1,1,2-Tetrachloroethane	ND		4.0	2.1	ug/L			03/29/21 14:29	8
1,1,1-Trichloroethane	ND		4.0	2.1	ug/L			03/29/21 14:29	8
1,1,2,2-Tetrachloroethane	ND		4.0	1.6	ug/L			03/29/21 14:29	8
1,1,2-Trichloroethane	ND		4.0	0.68	ug/L			03/29/21 14:29	8
1,1-Dichloroethane	ND		4.0	2.8	ug/L			03/29/21 14:29	8
1,1-Dichloroethene	6.2		4.0	3.1	ug/L			03/29/21 14:29	8
1,1-Dichloropropene	ND		4.0	1.9	ug/L			03/29/21 14:29	8
1,2,3-Trichlorobenzene	ND		4.0	2.2	ug/L			03/29/21 14:29	8
1,2,4-Trichlorobenzene	ND		4.0	3.0	ug/L			03/29/21 14:29	8
1,2,4-Trimethylbenzene	ND		4.0	2.3	ug/L			03/29/21 14:29	8
1,2-Dibromo-3-Chloropropane	ND		8.0	5.1	ug/L			03/29/21 14:29	8

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Client Sample ID: GECC-905-031821

Lab Sample ID: 440-280746-5

Date Collected: 03/18/21 09:15

Matrix: Water

Date Received: 03/18/21 16:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		4.0	1.8	ug/L			03/29/21 14:29	8
1,2-Dichloroethane	ND		4.0	1.2	ug/L			03/29/21 14:29	8
1,2-Dichloropropane	ND		4.0	1.9	ug/L			03/29/21 14:29	8
1,3,5-Trimethylbenzene	ND		4.0	2.3	ug/L			03/29/21 14:29	8
1,3-Dichlorobenzene	ND		4.0	2.1	ug/L			03/29/21 14:29	8
1,3-Dichloropropane	ND		4.0	1.6	ug/L			03/29/21 14:29	8
1,4-Dichlorobenzene	ND		4.0	1.8	ug/L			03/29/21 14:29	8
2,2-Dichloropropane	ND		4.0	3.2	ug/L			03/29/21 14:29	8
2-Chlorotoluene	ND		4.0	2.5	ug/L			03/29/21 14:29	8
2-Hexanone	ND		48	35	ug/L			03/29/21 14:29	8
4-Chlorotoluene	ND		4.0	2.7	ug/L			03/29/21 14:29	8
4-Isopropyltoluene	ND		4.0	2.2	ug/L			03/29/21 14:29	8
Acetone	ND		64	32	ug/L			03/29/21 14:29	8
Benzene	ND		4.0	2.1	ug/L			03/29/21 14:29	8
Bromobenzene	ND		4.0	2.1	ug/L			03/29/21 14:29	8
Bromoform	ND		4.0	3.1	ug/L			03/29/21 14:29	8
Bromomethane	ND		8.0	7.5	ug/L			03/29/21 14:29	8
Carbon disulfide	ND		8.0	2.0	ug/L			03/29/21 14:29	8
Carbon tetrachloride	ND		4.0	2.2	ug/L			03/29/21 14:29	8
Chlorobenzene	ND		4.0	1.9	ug/L			03/29/21 14:29	8
Bromochloromethane	ND		8.0	2.8	ug/L			03/29/21 14:29	8
Chloroethane	ND		4.0	3.5	ug/L			03/29/21 14:29	8
Chloroform	ND		4.0	2.3	ug/L			03/29/21 14:29	8
Chloromethane	ND		8.0	2.4	ug/L			03/29/21 14:29	8
cis-1,2-Dichloroethene	ND		4.0	2.4	ug/L			03/29/21 14:29	8
cis-1,3-Dichloropropene	ND		4.0	1.5	ug/L			03/29/21 14:29	8
Dibromochloromethane	ND		4.0	2.2	ug/L			03/29/21 14:29	8
Dibromomethane	ND		4.0	1.8	ug/L			03/29/21 14:29	8
Bromodichloromethane	ND		4.0	1.8	ug/L			03/29/21 14:29	8
Dichlorodifluoromethane	ND		8.0	5.4	ug/L			03/29/21 14:29	8
Ethylbenzene	ND		4.0	2.8	ug/L			03/29/21 14:29	8
Hexachlorobutadiene	ND		8.0	2.5	ug/L			03/29/21 14:29	8
Isopropylbenzene	ND		4.0	3.1	ug/L			03/29/21 14:29	8
m,p-Xylene	ND		8.0	6.3	ug/L			03/29/21 14:29	8
Methylene Chloride	ND		8.0	3.8	ug/L			03/29/21 14:29	8
Naphthalene	ND		8.0	2.5	ug/L			03/29/21 14:29	8
n-Butylbenzene	ND		4.0	2.3	ug/L			03/29/21 14:29	8
N-Propylbenzene	ND		4.0	3.1	ug/L			03/29/21 14:29	8
o-Xylene	ND		4.0	2.8	ug/L			03/29/21 14:29	8
sec-Butylbenzene	ND		4.0	2.7	ug/L			03/29/21 14:29	8
Styrene	ND		4.0	2.2	ug/L			03/29/21 14:29	8
tert-Butylbenzene	ND		4.0	2.7	ug/L			03/29/21 14:29	8
Tetrachloroethene (PCE)	46		4.0	2.3	ug/L			03/29/21 14:29	8
Toluene	ND		4.0	2.6	ug/L			03/29/21 14:29	8
trans-1,2-Dichloroethene	ND		4.0	2.9	ug/L			03/29/21 14:29	8
trans-1,3-Dichloropropene	ND		4.0	1.4	ug/L			03/29/21 14:29	8
Trichloroethene	280		4.0	2.3	ug/L			03/29/21 14:29	8
Trichlorofluoromethane	4.2		4.0	2.4	ug/L			03/29/21 14:29	8
Trichlorotrifluoroethane	ND		4.0	2.0	ug/L			03/29/21 14:29	8

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Client Sample ID: GECC-905-031821

Lab Sample ID: 440-280746-5

Date Collected: 03/18/21 09:15

Matrix: Water

Date Received: 03/18/21 16:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		4.0	3.2	ug/L			03/29/21 14:29	8
1,2-Dibromoethane (EDB)	ND		4.0	1.1	ug/L			03/29/21 14:29	8
2-Butanone (MEK)	ND		40	24	ug/L			03/29/21 14:29	8
4-Methyl-2-pentanone (MIBK)	ND		40	18	ug/L			03/29/21 14:29	8
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		68 - 135					03/29/21 14:29	8
Dibromofluoromethane (Surr)	101		80 - 120					03/29/21 14:29	8
Toluene-d8 (Surr)	102		80 - 120					03/29/21 14:29	8
4-Bromofluorobenzene (Surr)	99		71 - 120					03/29/21 14:29	8

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	12		0.50	0.34	ug/L		03/23/21 09:58	03/31/21 06:22	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	41		15 - 150				03/23/21 09:58	03/31/21 06:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	82		46 - 128				03/23/21 09:58	03/31/21 06:22	1

Client Sample ID: P-111-031821

Lab Sample ID: 440-280746-6

Date Collected: 03/18/21 09:59

Matrix: Water

Date Received: 03/18/21 16:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		2.0	1.3	ug/L			03/29/21 14:56	4
1,1,1,2-Tetrachloroethane	ND		2.0	1.0	ug/L			03/29/21 14:56	4
1,1,1,1-Trichloroethane	ND		2.0	1.1	ug/L			03/29/21 14:56	4
1,1,2,2-Tetrachloroethane	ND		2.0	0.78	ug/L			03/29/21 14:56	4
1,1,2-Trichloroethane	ND		2.0	0.34	ug/L			03/29/21 14:56	4
1,1-Dichloroethane	ND		2.0	1.4	ug/L			03/29/21 14:56	4
1,1-Dichloroethene	6.3		2.0	1.6	ug/L			03/29/21 14:56	4
1,1-Dichloropropene	ND		2.0	0.97	ug/L			03/29/21 14:56	4
1,2,3-Trichlorobenzene	ND		2.0	1.1	ug/L			03/29/21 14:56	4
1,2,4-Trichlorobenzene	ND		2.0	1.5	ug/L			03/29/21 14:56	4
1,2,4-Trimethylbenzene	ND		2.0	1.1	ug/L			03/29/21 14:56	4
1,2-Dibromo-3-Chloropropane	ND		4.0	2.6	ug/L			03/29/21 14:56	4
1,2-Dichlorobenzene	ND		2.0	0.92	ug/L			03/29/21 14:56	4
1,2-Dichloroethane	ND		2.0	0.60	ug/L			03/29/21 14:56	4
1,2-Dichloropropane	ND		2.0	0.96	ug/L			03/29/21 14:56	4
1,3,5-Trimethylbenzene	ND		2.0	1.1	ug/L			03/29/21 14:56	4
1,3-Dichlorobenzene	ND		2.0	1.0	ug/L			03/29/21 14:56	4
1,3-Dichloropropane	ND		2.0	0.82	ug/L			03/29/21 14:56	4
1,4-Dichlorobenzene	ND		2.0	0.90	ug/L			03/29/21 14:56	4
2,2-Dichloropropane	ND		2.0	1.6	ug/L			03/29/21 14:56	4
2-Chlorotoluene	ND		2.0	1.2	ug/L			03/29/21 14:56	4
2-Hexanone	ND		24	17	ug/L			03/29/21 14:56	4
4-Chlorotoluene	ND		2.0	1.3	ug/L			03/29/21 14:56	4
4-Isopropyltoluene	ND		2.0	1.1	ug/L			03/29/21 14:56	4

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Client Sample ID: P-111-031821

Lab Sample ID: 440-280746-6

Date Collected: 03/18/21 09:59

Matrix: Water

Date Received: 03/18/21 16:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		32	16	ug/L			03/29/21 14:56	4
Benzene	ND		2.0	1.1	ug/L			03/29/21 14:56	4
Bromobenzene	ND		2.0	1.0	ug/L			03/29/21 14:56	4
Bromoform	ND		2.0	1.6	ug/L			03/29/21 14:56	4
Bromomethane	ND		4.0	3.7	ug/L			03/29/21 14:56	4
Carbon disulfide	ND		4.0	0.98	ug/L			03/29/21 14:56	4
Carbon tetrachloride	ND		2.0	1.1	ug/L			03/29/21 14:56	4
Chlorobenzene	ND		2.0	0.95	ug/L			03/29/21 14:56	4
Bromochloromethane	ND		4.0	1.4	ug/L			03/29/21 14:56	4
Chloroethane	ND		2.0	1.8	ug/L			03/29/21 14:56	4
Chloroform	ND		2.0	1.1	ug/L			03/29/21 14:56	4
Chloromethane	ND		4.0	1.2	ug/L			03/29/21 14:56	4
cis-1,2-Dichloroethene	ND		2.0	1.2	ug/L			03/29/21 14:56	4
cis-1,3-Dichloropropene	ND		2.0	0.77	ug/L			03/29/21 14:56	4
Dibromochloromethane	ND		2.0	1.1	ug/L			03/29/21 14:56	4
Dibromomethane	ND		2.0	0.92	ug/L			03/29/21 14:56	4
Bromodichloromethane	ND		2.0	0.89	ug/L			03/29/21 14:56	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			03/29/21 14:56	4
Ethylbenzene	ND		2.0	1.4	ug/L			03/29/21 14:56	4
Hexachlorobutadiene	ND		4.0	1.3	ug/L			03/29/21 14:56	4
Isopropylbenzene	ND		2.0	1.5	ug/L			03/29/21 14:56	4
m,p-Xylene	ND		4.0	3.1	ug/L			03/29/21 14:56	4
Methylene Chloride	ND		4.0	1.9	ug/L			03/29/21 14:56	4
Naphthalene	ND		4.0	1.3	ug/L			03/29/21 14:56	4
n-Butylbenzene	ND		2.0	1.2	ug/L			03/29/21 14:56	4
N-Propylbenzene	ND		2.0	1.6	ug/L			03/29/21 14:56	4
o-Xylene	ND		2.0	1.4	ug/L			03/29/21 14:56	4
sec-Butylbenzene	ND		2.0	1.4	ug/L			03/29/21 14:56	4
Styrene	ND		2.0	1.1	ug/L			03/29/21 14:56	4
tert-Butylbenzene	ND		2.0	1.4	ug/L			03/29/21 14:56	4
Tetrachloroethene (PCE)	59		2.0	1.2	ug/L			03/29/21 14:56	4
Toluene	ND		2.0	1.3	ug/L			03/29/21 14:56	4
trans-1,2-Dichloroethene	ND		2.0	1.4	ug/L			03/29/21 14:56	4
trans-1,3-Dichloropropene	ND		2.0	0.69	ug/L			03/29/21 14:56	4
Trichloroethene	120		2.0	1.2	ug/L			03/29/21 14:56	4
Trichlorofluoromethane	3.8		2.0	1.2	ug/L			03/29/21 14:56	4
Trichlorotrifluoroethane	ND		2.0	1.0	ug/L			03/29/21 14:56	4
Vinyl chloride	ND		2.0	1.6	ug/L			03/29/21 14:56	4
1,2-Dibromoethane (EDB)	ND		2.0	0.55	ug/L			03/29/21 14:56	4
2-Butanone (MEK)	ND		20	12	ug/L			03/29/21 14:56	4
4-Methyl-2-pentanone (MIBK)	ND		20	9.0	ug/L			03/29/21 14:56	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		68 - 135		03/29/21 14:56	4
Dibromofluoromethane (Surr)	103		80 - 120		03/29/21 14:56	4
Toluene-d8 (Surr)	101		80 - 120		03/29/21 14:56	4
4-Bromofluorobenzene (Surr)	97		71 - 120		03/29/21 14:56	4

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Client Sample ID: P-111-031821

Lab Sample ID: 440-280746-6

Date Collected: 03/18/21 09:59

Matrix: Water

Date Received: 03/18/21 16:20

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	14		0.50	0.34	ug/L		03/23/21 09:58	03/31/21 06:37	1
<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>1,4-Dioxane-d8</i>	<i>34</i>		<i>15 - 150</i>				<i>03/23/21 09:58</i>	<i>03/31/21 06:37</i>	<i>1</i>
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Nitrobenzene-d5 (Surr)</i>	<i>73</i>		<i>46 - 128</i>				<i>03/23/21 09:58</i>	<i>03/31/21 06:37</i>	<i>1</i>

Client Sample ID: P-112-031821

Lab Sample ID: 440-280746-7

Date Collected: 03/18/21 10:19

Matrix: Water

Date Received: 03/18/21 16:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		10	6.4	ug/L			03/29/21 15:23	20
1,1,1,2-Tetrachloroethane	ND		10	5.1	ug/L			03/29/21 15:23	20
1,1,1-Trichloroethane	ND		10	5.3	ug/L			03/29/21 15:23	20
1,1,2,2-Tetrachloroethane	ND		10	3.9	ug/L			03/29/21 15:23	20
1,1,2-Trichloroethane	ND		10	1.7	ug/L			03/29/21 15:23	20
1,1-Dichloroethane	ND		10	7.1	ug/L			03/29/21 15:23	20
1,1-Dichloroethene	ND		10	7.8	ug/L			03/29/21 15:23	20
1,1-Dichloropropene	ND		10	4.8	ug/L			03/29/21 15:23	20
1,2,3-Trichlorobenzene	ND		10	5.5	ug/L			03/29/21 15:23	20
1,2,4-Trichlorobenzene	ND		10	7.5	ug/L			03/29/21 15:23	20
1,2,4-Trimethylbenzene	ND		10	5.7	ug/L			03/29/21 15:23	20
1,2-Dibromo-3-Chloropropane	ND		20	13	ug/L			03/29/21 15:23	20
1,2-Dichlorobenzene	ND		10	4.6	ug/L			03/29/21 15:23	20
1,2-Dichloroethane	ND		10	3.0	ug/L			03/29/21 15:23	20
1,2-Dichloropropane	ND		10	4.8	ug/L			03/29/21 15:23	20
1,3,5-Trimethylbenzene	ND		10	5.7	ug/L			03/29/21 15:23	20
1,3-Dichlorobenzene	ND		10	5.1	ug/L			03/29/21 15:23	20
1,3-Dichloropropane	ND		10	4.1	ug/L			03/29/21 15:23	20
1,4-Dichlorobenzene	ND		10	4.5	ug/L			03/29/21 15:23	20
2,2-Dichloropropane	ND		10	7.9	ug/L			03/29/21 15:23	20
2-Chlorotoluene	ND		10	6.2	ug/L			03/29/21 15:23	20
2-Hexanone	ND		120	86	ug/L			03/29/21 15:23	20
4-Chlorotoluene	ND		10	6.7	ug/L			03/29/21 15:23	20
4-Isopropyltoluene	ND		10	5.5	ug/L			03/29/21 15:23	20
Acetone	ND		160	80	ug/L			03/29/21 15:23	20
Benzene	ND		10	5.3	ug/L			03/29/21 15:23	20
Bromobenzene	ND		10	5.2	ug/L			03/29/21 15:23	20
Bromoform	ND		10	7.8	ug/L			03/29/21 15:23	20
Bromomethane	ND		20	19	ug/L			03/29/21 15:23	20
Carbon disulfide	ND		20	4.9	ug/L			03/29/21 15:23	20
Carbon tetrachloride	ND		10	5.4	ug/L			03/29/21 15:23	20
Chlorobenzene	ND		10	4.8	ug/L			03/29/21 15:23	20
Bromochloromethane	ND		20	7.0	ug/L			03/29/21 15:23	20
Chloroethane	ND		10	8.8	ug/L			03/29/21 15:23	20
Chloroform	ND		10	5.7	ug/L			03/29/21 15:23	20
Chloromethane	ND		20	5.9	ug/L			03/29/21 15:23	20
cis-1,2-Dichloroethene	ND		10	6.0	ug/L			03/29/21 15:23	20

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Client Sample ID: P-112-031821

Lab Sample ID: 440-280746-7

Date Collected: 03/18/21 10:19

Matrix: Water

Date Received: 03/18/21 16:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		10	3.8	ug/L			03/29/21 15:23	20
Dibromochloromethane	ND		10	5.4	ug/L			03/29/21 15:23	20
Dibromomethane	ND		10	4.6	ug/L			03/29/21 15:23	20
Bromodichloromethane	ND		10	4.5	ug/L			03/29/21 15:23	20
Dichlorodifluoromethane	ND		20	14	ug/L			03/29/21 15:23	20
Ethylbenzene	ND		10	7.1	ug/L			03/29/21 15:23	20
Hexachlorobutadiene	ND		20	6.3	ug/L			03/29/21 15:23	20
Isopropylbenzene	ND		10	7.7	ug/L			03/29/21 15:23	20
m,p-Xylene	ND		20	16	ug/L			03/29/21 15:23	20
Methylene Chloride	ND		20	9.6	ug/L			03/29/21 15:23	20
Naphthalene	ND		20	6.4	ug/L			03/29/21 15:23	20
n-Butylbenzene	ND		10	5.9	ug/L			03/29/21 15:23	20
N-Propylbenzene	ND		10	7.8	ug/L			03/29/21 15:23	20
o-Xylene	ND		10	7.0	ug/L			03/29/21 15:23	20
sec-Butylbenzene	ND		10	6.8	ug/L			03/29/21 15:23	20
Styrene	ND		10	5.5	ug/L			03/29/21 15:23	20
tert-Butylbenzene	ND		10	6.8	ug/L			03/29/21 15:23	20
Tetrachloroethene (PCE)	59		10	5.8	ug/L			03/29/21 15:23	20
Toluene	ND		10	6.6	ug/L			03/29/21 15:23	20
trans-1,2-Dichloroethene	ND		10	7.2	ug/L			03/29/21 15:23	20
trans-1,3-Dichloropropene	ND		10	3.5	ug/L			03/29/21 15:23	20
Trichloroethene	420		10	5.8	ug/L			03/29/21 15:23	20
Trichlorofluoromethane	ND		10	5.9	ug/L			03/29/21 15:23	20
Trichlorotrifluoroethane	ND		10	5.0	ug/L			03/29/21 15:23	20
Vinyl chloride	ND		10	8.0	ug/L			03/29/21 15:23	20
1,2-Dibromoethane (EDB)	ND		10	2.7	ug/L			03/29/21 15:23	20
2-Butanone (MEK)	ND		100	61	ug/L			03/29/21 15:23	20
4-Methyl-2-pentanone (MIBK)	ND		100	45	ug/L			03/29/21 15:23	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		68 - 135					03/29/21 15:23	20
Dibromofluoromethane (Surr)	104		80 - 120					03/29/21 15:23	20
Toluene-d8 (Surr)	99		80 - 120					03/29/21 15:23	20
4-Bromofluorobenzene (Surr)	92		71 - 120					03/29/21 15:23	20

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	14		0.50	0.34	ug/L		03/23/21 09:58	03/31/21 06:51	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	47		15 - 150				03/23/21 09:58	03/31/21 06:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	99		46 - 128				03/23/21 09:58	03/31/21 06:51	1

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Client Sample ID: P-113-031821

Lab Sample ID: 440-280746-8

Date Collected: 03/18/21 11:28

Matrix: Water

Date Received: 03/18/21 16:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		4.0	2.6	ug/L			03/29/21 15:50	8
1,1,1,2-Tetrachloroethane	ND		4.0	2.1	ug/L			03/29/21 15:50	8
1,1,1-Trichloroethane	ND		4.0	2.1	ug/L			03/29/21 15:50	8
1,1,2,2-Tetrachloroethane	ND		4.0	1.6	ug/L			03/29/21 15:50	8
1,1,2-Trichloroethane	ND		4.0	0.68	ug/L			03/29/21 15:50	8
1,1-Dichloroethane	ND		4.0	2.8	ug/L			03/29/21 15:50	8
1,1-Dichloroethene	ND		4.0	3.1	ug/L			03/29/21 15:50	8
1,1-Dichloropropene	ND		4.0	1.9	ug/L			03/29/21 15:50	8
1,2,3-Trichlorobenzene	ND		4.0	2.2	ug/L			03/29/21 15:50	8
1,2,4-Trichlorobenzene	ND		4.0	3.0	ug/L			03/29/21 15:50	8
1,2,4-Trimethylbenzene	ND		4.0	2.3	ug/L			03/29/21 15:50	8
1,2-Dibromo-3-Chloropropane	ND		8.0	5.1	ug/L			03/29/21 15:50	8
1,2-Dichlorobenzene	ND		4.0	1.8	ug/L			03/29/21 15:50	8
1,2-Dichloroethane	ND		4.0	1.2	ug/L			03/29/21 15:50	8
1,2-Dichloropropane	ND		4.0	1.9	ug/L			03/29/21 15:50	8
1,3,5-Trimethylbenzene	ND		4.0	2.3	ug/L			03/29/21 15:50	8
1,3-Dichlorobenzene	ND		4.0	2.1	ug/L			03/29/21 15:50	8
1,3-Dichloropropane	ND		4.0	1.6	ug/L			03/29/21 15:50	8
1,4-Dichlorobenzene	ND		4.0	1.8	ug/L			03/29/21 15:50	8
2,2-Dichloropropane	ND		4.0	3.2	ug/L			03/29/21 15:50	8
2-Chlorotoluene	ND		4.0	2.5	ug/L			03/29/21 15:50	8
2-Hexanone	ND		48	35	ug/L			03/29/21 15:50	8
4-Chlorotoluene	ND		4.0	2.7	ug/L			03/29/21 15:50	8
4-Isopropyltoluene	ND		4.0	2.2	ug/L			03/29/21 15:50	8
Acetone	ND		64	32	ug/L			03/29/21 15:50	8
Benzene	ND		4.0	2.1	ug/L			03/29/21 15:50	8
Bromobenzene	ND		4.0	2.1	ug/L			03/29/21 15:50	8
Bromoform	ND		4.0	3.1	ug/L			03/29/21 15:50	8
Bromomethane	ND		8.0	7.5	ug/L			03/29/21 15:50	8
Carbon disulfide	ND		8.0	2.0	ug/L			03/29/21 15:50	8
Carbon tetrachloride	ND		4.0	2.2	ug/L			03/29/21 15:50	8
Chlorobenzene	ND		4.0	1.9	ug/L			03/29/21 15:50	8
Bromochloromethane	ND		8.0	2.8	ug/L			03/29/21 15:50	8
Chloroethane	ND		4.0	3.5	ug/L			03/29/21 15:50	8
Chloroform	ND		4.0	2.3	ug/L			03/29/21 15:50	8
Chloromethane	ND		8.0	2.4	ug/L			03/29/21 15:50	8
cis-1,2-Dichloroethene	4.8		4.0	2.4	ug/L			03/29/21 15:50	8
cis-1,3-Dichloropropene	ND		4.0	1.5	ug/L			03/29/21 15:50	8
Dibromochloromethane	ND		4.0	2.2	ug/L			03/29/21 15:50	8
Dibromomethane	ND		4.0	1.8	ug/L			03/29/21 15:50	8
Bromodichloromethane	ND		4.0	1.8	ug/L			03/29/21 15:50	8
Dichlorodifluoromethane	ND		8.0	5.4	ug/L			03/29/21 15:50	8
Ethylbenzene	ND		4.0	2.8	ug/L			03/29/21 15:50	8
Hexachlorobutadiene	ND		8.0	2.5	ug/L			03/29/21 15:50	8
Isopropylbenzene	ND		4.0	3.1	ug/L			03/29/21 15:50	8
m,p-Xylene	ND		8.0	6.3	ug/L			03/29/21 15:50	8
Methylene Chloride	ND		8.0	3.8	ug/L			03/29/21 15:50	8
Naphthalene	ND		8.0	2.5	ug/L			03/29/21 15:50	8
n-Butylbenzene	ND		4.0	2.3	ug/L			03/29/21 15:50	8

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Client Sample ID: P-113-031821

Lab Sample ID: 440-280746-8

Date Collected: 03/18/21 11:28

Matrix: Water

Date Received: 03/18/21 16:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		4.0	3.1	ug/L			03/29/21 15:50	8
o-Xylene	ND		4.0	2.8	ug/L			03/29/21 15:50	8
sec-Butylbenzene	ND		4.0	2.7	ug/L			03/29/21 15:50	8
Styrene	ND		4.0	2.2	ug/L			03/29/21 15:50	8
tert-Butylbenzene	ND		4.0	2.7	ug/L			03/29/21 15:50	8
Tetrachloroethene (PCE)	ND		4.0	2.3	ug/L			03/29/21 15:50	8
Toluene	ND		4.0	2.6	ug/L			03/29/21 15:50	8
trans-1,2-Dichloroethene	ND		4.0	2.9	ug/L			03/29/21 15:50	8
trans-1,3-Dichloropropene	ND		4.0	1.4	ug/L			03/29/21 15:50	8
Trichloroethene	220		4.0	2.3	ug/L			03/29/21 15:50	8
Trichlorofluoromethane	ND		4.0	2.4	ug/L			03/29/21 15:50	8
Trichlorotrifluoroethane	ND		4.0	2.0	ug/L			03/29/21 15:50	8
Vinyl chloride	ND		4.0	3.2	ug/L			03/29/21 15:50	8
1,2-Dibromoethane (EDB)	ND		4.0	1.1	ug/L			03/29/21 15:50	8
2-Butanone (MEK)	ND		40	24	ug/L			03/29/21 15:50	8
4-Methyl-2-pentanone (MIBK)	ND		40	18	ug/L			03/29/21 15:50	8
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		68 - 135					03/29/21 15:50	8
Dibromofluoromethane (Surr)	107		80 - 120					03/29/21 15:50	8
Toluene-d8 (Surr)	99		80 - 120					03/29/21 15:50	8
4-Bromofluorobenzene (Surr)	80		71 - 120					03/29/21 15:50	8

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	4.1		0.50	0.34	ug/L		03/23/21 09:58	03/31/21 17:17	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	38		15 - 150				03/23/21 09:58	03/31/21 17:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	49		46 - 128				03/23/21 09:58	03/31/21 17:17	1

Client Sample ID: P-114-031821

Lab Sample ID: 440-280746-9

Date Collected: 03/18/21 10:53

Matrix: Water

Date Received: 03/18/21 16:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			03/29/21 16:17	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			03/29/21 16:17	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/29/21 16:17	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			03/29/21 16:17	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			03/29/21 16:17	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			03/29/21 16:17	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			03/29/21 16:17	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			03/29/21 16:17	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			03/29/21 16:17	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			03/29/21 16:17	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			03/29/21 16:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			03/29/21 16:17	1

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Client Sample ID: P-114-031821

Lab Sample ID: 440-280746-9

Date Collected: 03/18/21 10:53

Matrix: Water

Date Received: 03/18/21 16:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			03/29/21 16:17	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			03/29/21 16:17	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			03/29/21 16:17	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			03/29/21 16:17	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			03/29/21 16:17	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			03/29/21 16:17	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			03/29/21 16:17	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			03/29/21 16:17	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			03/29/21 16:17	1
2-Hexanone	ND		6.0	4.3	ug/L			03/29/21 16:17	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			03/29/21 16:17	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			03/29/21 16:17	1
Acetone	ND		8.0	4.0	ug/L			03/29/21 16:17	1
Benzene	ND		0.50	0.27	ug/L			03/29/21 16:17	1
Bromobenzene	ND		0.50	0.26	ug/L			03/29/21 16:17	1
Bromoform	ND		0.50	0.39	ug/L			03/29/21 16:17	1
Bromomethane	ND		1.0	0.93	ug/L			03/29/21 16:17	1
Carbon disulfide	ND		1.0	0.24	ug/L			03/29/21 16:17	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			03/29/21 16:17	1
Chlorobenzene	ND		0.50	0.24	ug/L			03/29/21 16:17	1
Bromochloromethane	ND		1.0	0.35	ug/L			03/29/21 16:17	1
Chloroethane	ND		0.50	0.44	ug/L			03/29/21 16:17	1
Chloroform	ND		0.50	0.28	ug/L			03/29/21 16:17	1
Chloromethane	ND		1.0	0.29	ug/L			03/29/21 16:17	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			03/29/21 16:17	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			03/29/21 16:17	1
Dibromochloromethane	ND		0.50	0.27	ug/L			03/29/21 16:17	1
Dibromomethane	ND		0.50	0.23	ug/L			03/29/21 16:17	1
Bromodichloromethane	ND		0.50	0.22	ug/L			03/29/21 16:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/29/21 16:17	1
Ethylbenzene	ND		0.50	0.36	ug/L			03/29/21 16:17	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			03/29/21 16:17	1
Isopropylbenzene	ND		0.50	0.38	ug/L			03/29/21 16:17	1
m,p-Xylene	ND		1.0	0.78	ug/L			03/29/21 16:17	1
Methylene Chloride	ND		1.0	0.48	ug/L			03/29/21 16:17	1
Naphthalene	ND		1.0	0.32	ug/L			03/29/21 16:17	1
n-Butylbenzene	ND		0.50	0.29	ug/L			03/29/21 16:17	1
N-Propylbenzene	ND		0.50	0.39	ug/L			03/29/21 16:17	1
o-Xylene	ND		0.50	0.35	ug/L			03/29/21 16:17	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			03/29/21 16:17	1
Styrene	ND		0.50	0.28	ug/L			03/29/21 16:17	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			03/29/21 16:17	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			03/29/21 16:17	1
Toluene	ND		0.50	0.33	ug/L			03/29/21 16:17	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			03/29/21 16:17	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/29/21 16:17	1
Trichloroethene	ND		0.50	0.29	ug/L			03/29/21 16:17	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			03/29/21 16:17	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			03/29/21 16:17	1

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Client Sample ID: P-114-031821

Lab Sample ID: 440-280746-9

Date Collected: 03/18/21 10:53

Matrix: Water

Date Received: 03/18/21 16:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.50	0.40	ug/L			03/29/21 16:17	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			03/29/21 16:17	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			03/29/21 16:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			03/29/21 16:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		68 - 135					03/29/21 16:17	1
Dibromofluoromethane (Surr)	101		80 - 120					03/29/21 16:17	1
Toluene-d8 (Surr)	101		80 - 120					03/29/21 16:17	1
4-Bromofluorobenzene (Surr)	99		71 - 120					03/29/21 16:17	1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	7.0		0.50	0.34	ug/L		03/23/21 09:58	03/31/21 17:37	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	51		15 - 150				03/23/21 09:58	03/31/21 17:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	110		46 - 128				03/23/21 09:58	03/31/21 17:37	1

Client Sample ID: DUP-2-031821

Lab Sample ID: 440-280746-10

Date Collected: 03/18/21 00:01

Matrix: Water

Date Received: 03/18/21 16:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			03/30/21 20:18	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			03/30/21 20:18	1
1,1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/30/21 20:18	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			03/30/21 20:18	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			03/30/21 20:18	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			03/30/21 20:18	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			03/30/21 20:18	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			03/30/21 20:18	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			03/30/21 20:18	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			03/30/21 20:18	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			03/30/21 20:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			03/30/21 20:18	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			03/30/21 20:18	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			03/30/21 20:18	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			03/30/21 20:18	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			03/30/21 20:18	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			03/30/21 20:18	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			03/30/21 20:18	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			03/30/21 20:18	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			03/30/21 20:18	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			03/30/21 20:18	1
2-Hexanone	ND		6.0	4.3	ug/L			03/30/21 20:18	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			03/30/21 20:18	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			03/30/21 20:18	1

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Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Client Sample ID: DUP-2-031821

Lab Sample ID: 440-280746-10

Date Collected: 03/18/21 00:01

Matrix: Water

Date Received: 03/18/21 16:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		8.0	4.0	ug/L			03/30/21 20:18	1
Benzene	ND		0.50	0.27	ug/L			03/30/21 20:18	1
Bromobenzene	ND		0.50	0.26	ug/L			03/30/21 20:18	1
Bromoform	ND		0.50	0.39	ug/L			03/30/21 20:18	1
Bromomethane	ND		1.0	0.93	ug/L			03/30/21 20:18	1
Carbon disulfide	ND		1.0	0.24	ug/L			03/30/21 20:18	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			03/30/21 20:18	1
Chlorobenzene	ND		0.50	0.24	ug/L			03/30/21 20:18	1
Bromochloromethane	ND		1.0	0.35	ug/L			03/30/21 20:18	1
Chloroethane	ND		0.50	0.44	ug/L			03/30/21 20:18	1
Chloroform	ND		0.50	0.28	ug/L			03/30/21 20:18	1
Chloromethane	ND		1.0	0.29	ug/L			03/30/21 20:18	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			03/30/21 20:18	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			03/30/21 20:18	1
Dibromochloromethane	ND		0.50	0.27	ug/L			03/30/21 20:18	1
Dibromomethane	ND		0.50	0.23	ug/L			03/30/21 20:18	1
Bromodichloromethane	ND		0.50	0.22	ug/L			03/30/21 20:18	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/30/21 20:18	1
Ethylbenzene	ND		0.50	0.36	ug/L			03/30/21 20:18	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			03/30/21 20:18	1
Isopropylbenzene	ND		0.50	0.38	ug/L			03/30/21 20:18	1
m,p-Xylene	ND		1.0	0.78	ug/L			03/30/21 20:18	1
Methylene Chloride	ND		1.0	0.48	ug/L			03/30/21 20:18	1
Naphthalene	ND		1.0	0.32	ug/L			03/30/21 20:18	1
n-Butylbenzene	ND		0.50	0.29	ug/L			03/30/21 20:18	1
N-Propylbenzene	ND		0.50	0.39	ug/L			03/30/21 20:18	1
o-Xylene	ND		0.50	0.35	ug/L			03/30/21 20:18	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			03/30/21 20:18	1
Styrene	ND		0.50	0.28	ug/L			03/30/21 20:18	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			03/30/21 20:18	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			03/30/21 20:18	1
Toluene	ND		0.50	0.33	ug/L			03/30/21 20:18	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			03/30/21 20:18	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/30/21 20:18	1
Trichloroethene	ND		0.50	0.29	ug/L			03/30/21 20:18	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			03/30/21 20:18	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			03/30/21 20:18	1
Vinyl chloride	ND		0.50	0.40	ug/L			03/30/21 20:18	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			03/30/21 20:18	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			03/30/21 20:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			03/30/21 20:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		68 - 135		03/30/21 20:18	1
Dibromofluoromethane (Surr)	96		80 - 120		03/30/21 20:18	1
Toluene-d8 (Surr)	103		80 - 120		03/30/21 20:18	1
4-Bromofluorobenzene (Surr)	99		71 - 120		03/30/21 20:18	1

Client Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Client Sample ID: DUP-2-031821

Lab Sample ID: 440-280746-10

Date Collected: 03/18/21 00:01

Matrix: Water

Date Received: 03/18/21 16:20

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	8.1		0.50	0.34	ug/L		03/23/21 09:58	03/31/21 17:52	1
<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,4-Dioxane-d8	45		15 - 150				03/23/21 09:58	03/31/21 17:52	1
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Nitrobenzene-d5 (Surr)	103		46 - 128				03/23/21 09:58	03/31/21 17:52	1

- 1
- 2
- 3
- 4
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- 10
- 11
- 12
- 13
- 14

Method Summary

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8270C SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	ECL 1
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	ECL 1
5030C	Purge and Trap	SW846	ECL 2

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494



Lab Chronicle

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Client Sample ID: TB-031821

Lab Sample ID: 440-280746-1

Date Collected: 03/18/21 06:00

Matrix: Water

Date Received: 03/18/21 16:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	139233	03/29/21 12:42	Q8PV	ECL 2

Client Sample ID: MW-23-031821

Lab Sample ID: 440-280746-2

Date Collected: 03/18/21 08:16

Matrix: Water

Date Received: 03/18/21 16:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	139233	03/29/21 13:08	Q8PV	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137935	03/23/21 09:58	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			139711	03/31/21 05:38	EM5C	ECL 1

Client Sample ID: GECC-901-031821

Lab Sample ID: 440-280746-3

Date Collected: 03/18/21 08:29

Matrix: Water

Date Received: 03/18/21 16:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	20 mL	20 mL	139233	03/29/21 13:35	Q8PV	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137935	03/23/21 09:58	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			139711	03/31/21 05:53	EM5C	ECL 1

Client Sample ID: GECC-902-031821

Lab Sample ID: 440-280746-4

Date Collected: 03/18/21 09:25

Matrix: Water

Date Received: 03/18/21 16:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		8	20 mL	20 mL	139233	03/29/21 14:02	Q8PV	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137935	03/23/21 09:58	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			139711	03/31/21 06:07	EM5C	ECL 1

Client Sample ID: GECC-905-031821

Lab Sample ID: 440-280746-5

Date Collected: 03/18/21 09:15

Matrix: Water

Date Received: 03/18/21 16:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		8	20 mL	20 mL	139233	03/29/21 14:29	Q8PV	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137935	03/23/21 09:58	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			139711	03/31/21 06:22	EM5C	ECL 1

Client Sample ID: P-111-031821

Lab Sample ID: 440-280746-6

Date Collected: 03/18/21 09:59

Matrix: Water

Date Received: 03/18/21 16:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	20 mL	20 mL	139233	03/29/21 14:56	Q8PV	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137935	03/23/21 09:58	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			139711	03/31/21 06:37	EM5C	ECL 1

Eurofins Calscience Irvine

Lab Chronicle

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Client Sample ID: P-112-031821

Lab Sample ID: 440-280746-7

Date Collected: 03/18/21 10:19

Matrix: Water

Date Received: 03/18/21 16:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	20 mL	20 mL	139233	03/29/21 15:23	Q8PV	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137935	03/23/21 09:58	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			139711	03/31/21 06:51	EM5C	ECL 1

Client Sample ID: P-113-031821

Lab Sample ID: 440-280746-8

Date Collected: 03/18/21 11:28

Matrix: Water

Date Received: 03/18/21 16:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		8	20 mL	20 mL	139233	03/29/21 15:50	Q8PV	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137935	03/23/21 09:58	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			139959	03/31/21 17:17	EM5C	ECL 1

Client Sample ID: P-114-031821

Lab Sample ID: 440-280746-9

Date Collected: 03/18/21 10:53

Matrix: Water

Date Received: 03/18/21 16:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	139233	03/29/21 16:17	Q8PV	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137935	03/23/21 09:58	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			139959	03/31/21 17:37	EM5C	ECL 1

Client Sample ID: DUP-2-031821

Lab Sample ID: 440-280746-10

Date Collected: 03/18/21 00:01

Matrix: Water

Date Received: 03/18/21 16:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	139539	03/30/21 20:18	N1A	ECL 2
Total/NA	Prep	3510C			100.0 mL	10 mL	137935	03/23/21 09:58	PQS1	ECL 1
Total/NA	Analysis	8270C SIM ID		1			139959	03/31/21 17:52	EM5C	ECL 1

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-139233/7
Matrix: Water
Analysis Batch: 139233

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			03/29/21 10:45	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			03/29/21 10:45	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/29/21 10:45	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			03/29/21 10:45	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			03/29/21 10:45	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			03/29/21 10:45	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			03/29/21 10:45	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			03/29/21 10:45	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			03/29/21 10:45	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			03/29/21 10:45	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			03/29/21 10:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			03/29/21 10:45	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			03/29/21 10:45	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			03/29/21 10:45	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			03/29/21 10:45	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			03/29/21 10:45	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			03/29/21 10:45	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			03/29/21 10:45	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			03/29/21 10:45	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			03/29/21 10:45	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			03/29/21 10:45	1
2-Hexanone	ND		6.0	4.3	ug/L			03/29/21 10:45	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			03/29/21 10:45	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			03/29/21 10:45	1
Acetone	ND		8.0	4.0	ug/L			03/29/21 10:45	1
Benzene	ND		0.50	0.27	ug/L			03/29/21 10:45	1
Bromobenzene	ND		0.50	0.26	ug/L			03/29/21 10:45	1
Bromoform	ND		0.50	0.39	ug/L			03/29/21 10:45	1
Bromomethane	ND		1.0	0.93	ug/L			03/29/21 10:45	1
Carbon disulfide	ND		1.0	0.24	ug/L			03/29/21 10:45	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			03/29/21 10:45	1
Chlorobenzene	ND		0.50	0.24	ug/L			03/29/21 10:45	1
Bromochloromethane	ND		1.0	0.35	ug/L			03/29/21 10:45	1
Chloroethane	ND		0.50	0.44	ug/L			03/29/21 10:45	1
Chloroform	ND		0.50	0.28	ug/L			03/29/21 10:45	1
Chloromethane	ND		1.0	0.29	ug/L			03/29/21 10:45	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			03/29/21 10:45	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			03/29/21 10:45	1
Dibromochloromethane	ND		0.50	0.27	ug/L			03/29/21 10:45	1
Dibromomethane	ND		0.50	0.23	ug/L			03/29/21 10:45	1
Bromodichloromethane	ND		0.50	0.22	ug/L			03/29/21 10:45	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/29/21 10:45	1
Ethylbenzene	ND		0.50	0.36	ug/L			03/29/21 10:45	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			03/29/21 10:45	1
Isopropylbenzene	ND		0.50	0.38	ug/L			03/29/21 10:45	1
m,p-Xylene	ND		1.0	0.78	ug/L			03/29/21 10:45	1
Methylene Chloride	ND		1.0	0.48	ug/L			03/29/21 10:45	1
Naphthalene	ND		1.0	0.32	ug/L			03/29/21 10:45	1

QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-139233/7
Matrix: Water
Analysis Batch: 139233

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
n-Butylbenzene	ND		0.50	0.29	ug/L			03/29/21 10:45	1
N-Propylbenzene	ND		0.50	0.39	ug/L			03/29/21 10:45	1
o-Xylene	ND		0.50	0.35	ug/L			03/29/21 10:45	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			03/29/21 10:45	1
Styrene	ND		0.50	0.28	ug/L			03/29/21 10:45	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			03/29/21 10:45	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			03/29/21 10:45	1
Toluene	ND		0.50	0.33	ug/L			03/29/21 10:45	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			03/29/21 10:45	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/29/21 10:45	1
Trichloroethene	ND		0.50	0.29	ug/L			03/29/21 10:45	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			03/29/21 10:45	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			03/29/21 10:45	1
Vinyl chloride	ND		0.50	0.40	ug/L			03/29/21 10:45	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			03/29/21 10:45	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			03/29/21 10:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			03/29/21 10:45	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	100		68 - 135		03/29/21 10:45	1
Dibromofluoromethane (Surr)	97		80 - 120		03/29/21 10:45	1
Toluene-d8 (Surr)	99		80 - 120		03/29/21 10:45	1
4-Bromofluorobenzene (Surr)	95		71 - 120		03/29/21 10:45	1

Lab Sample ID: LCS 570-139233/4
Matrix: Water
Analysis Batch: 139233

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	10.0	11.5		ug/L		115	76 - 143
1,1,1-Trichloroethane	10.0	9.66		ug/L		97	75 - 128
1,1,2,2-Tetrachloroethane	10.0	10.9		ug/L		109	73 - 126
1,1,2-Trichloroethane	10.0	10.5		ug/L		105	80 - 120
1,1-Dichloroethane	10.0	10.1		ug/L		101	76 - 120
1,1-Dichloroethene	10.0	9.39		ug/L		94	72 - 120
1,1-Dichloropropene	10.0	9.35		ug/L		93	76 - 120
1,2,3-Trichlorobenzene	10.0	10.9		ug/L		109	80 - 125
1,2,4-Trichlorobenzene	10.0	11.0		ug/L		110	80 - 123
1,2,4-Trimethylbenzene	10.0	10.7		ug/L		107	78 - 125
1,2-Dibromo-3-Chloropropane	10.0	9.53		ug/L		95	77 - 120
1,2-Dichlorobenzene	10.0	10.5		ug/L		105	79 - 123
1,2-Dichloroethane	10.0	10.3		ug/L		103	71 - 137
1,2-Dichloropropane	10.0	10.6		ug/L		106	80 - 120
1,3,5-Trimethylbenzene	10.0	11.4		ug/L		114	77 - 133
1,3-Dichlorobenzene	10.0	10.8		ug/L		108	79 - 123
1,3-Dichloropropane	10.0	10.4		ug/L		104	80 - 123
1,4-Dichlorobenzene	10.0	10.1		ug/L		101	75 - 123

Eurofins Calscience Irvine

QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-139233/4

Matrix: Water

Analysis Batch: 139233

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,2-Dichloropropane	10.0	11.1		ug/L		111	78 - 133
2-Chlorotoluene	10.0	10.8		ug/L		108	80 - 120
2-Hexanone	10.0	9.96		ug/L		100	57 - 127
4-Chlorotoluene	10.0	10.4		ug/L		104	78 - 120
4-Isopropyltoluene	10.0	11.0		ug/L		110	77 - 127
Acetone	10.0	9.57		ug/L		96	57 - 133
Benzene	10.0	10.3		ug/L		103	80 - 120
Bromobenzene	10.0	11.0		ug/L		110	80 - 124
Bromoform	10.0	11.9		ug/L		119	46 - 178
Bromomethane	10.0	10.7		ug/L		107	52 - 162
Carbon disulfide	10.0	9.36		ug/L		94	66 - 125
Carbon tetrachloride	10.0	9.87		ug/L		99	69 - 145
Chlorobenzene	10.0	10.6		ug/L		106	80 - 120
Bromochloromethane	10.0	10.6		ug/L		106	76 - 125
Chloroethane	10.0	11.2		ug/L		112	73 - 139
Chloroform	10.0	10.5		ug/L		105	80 - 120
Chloromethane	10.0	10.1		ug/L		101	35 - 159
cis-1,2-Dichloroethene	10.0	10.5		ug/L		105	76 - 122
cis-1,3-Dichloropropene	10.0	10.9		ug/L		109	80 - 122
Dibromochloromethane	10.0	11.6		ug/L		116	63 - 151
Dibromomethane	10.0	10.5		ug/L		105	80 - 121
Bromodichloromethane	10.0	11.1		ug/L		111	77 - 141
Dichlorodifluoromethane	10.0	11.4		ug/L		114	59 - 139
Ethylbenzene	10.0	10.7		ug/L		107	80 - 120
Hexachlorobutadiene	10.0	10.9		ug/L		109	76 - 141
Isopropylbenzene	10.0	10.7		ug/L		107	80 - 124
m,p-Xylene	20.0	20.8		ug/L		104	80 - 122
Methylene Chloride	10.0	9.91		ug/L		99	70 - 120
Naphthalene	10.0	10.7		ug/L		107	75 - 120
n-Butylbenzene	10.0	10.6		ug/L		106	76 - 124
N-Propylbenzene	10.0	11.2		ug/L		112	80 - 122
o-Xylene	10.0	11.0		ug/L		110	80 - 122
sec-Butylbenzene	10.0	10.4		ug/L		104	75 - 123
Styrene	10.0	11.0		ug/L		110	80 - 121
tert-Butylbenzene	10.0	10.4		ug/L		104	72 - 128
Tetrachloroethene (PCE)	10.0	10.0		ug/L		100	80 - 128
Toluene	10.0	10.4		ug/L		104	80 - 120
trans-1,2-Dichloroethene	10.0	9.68		ug/L		97	67 - 123
trans-1,3-Dichloropropene	10.0	11.2		ug/L		112	78 - 140
Trichloroethene	10.0	10.2		ug/L		102	80 - 123
Trichlorofluoromethane	10.0	11.3		ug/L		113	64 - 168
Trichlorotrifluoroethane	10.0	7.25		ug/L		73	50 - 120
Vinyl chloride	10.0	11.0		ug/L		110	74 - 130
1,2-Dibromoethane (EDB)	10.0	10.6		ug/L		106	80 - 120
2-Butanone (MEK)	10.0	7.92		ug/L		79	32 - 133
4-Methyl-2-pentanone (MIBK)	10.0	9.46		ug/L		95	68 - 120

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QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-139233/4
Matrix: Water
Analysis Batch: 139233

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		68 - 135
Dibromofluoromethane (Surr)	101		80 - 120
Toluene-d8 (Surr)	101		80 - 120
4-Bromofluorobenzene (Surr)	99		71 - 120

Lab Sample ID: LCSD 570-139233/5
Matrix: Water
Analysis Batch: 139233

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichloropropane	10.0	9.76		ug/L		98	66 - 131	10	20
1,1,1,2-Tetrachloroethane	10.0	10.1		ug/L		101	76 - 143	12	20
1,1,1-Trichloroethane	10.0	8.81		ug/L		88	75 - 128	9	20
1,1,2,2-Tetrachloroethane	10.0	9.66		ug/L		97	73 - 126	12	21
1,1,2-Trichloroethane	10.0	9.67		ug/L		97	80 - 120	8	20
1,1-Dichloroethane	10.0	9.13		ug/L		91	76 - 120	10	20
1,1-Dichloroethene	10.0	8.36		ug/L		84	72 - 120	12	20
1,1-Dichloropropene	10.0	8.45		ug/L		85	76 - 120	10	20
1,2,3-Trichlorobenzene	10.0	9.72		ug/L		97	80 - 125	11	22
1,2,4-Trichlorobenzene	10.0	9.88		ug/L		99	80 - 123	11	20
1,2,4-Trimethylbenzene	10.0	9.57		ug/L		96	78 - 125	11	22
1,2-Dibromo-3-Chloropropane	10.0	8.37		ug/L		84	77 - 120	13	21
1,2-Dichlorobenzene	10.0	9.45		ug/L		94	79 - 123	10	20
1,2-Dichloroethane	10.0	9.37		ug/L		94	71 - 137	10	20
1,2-Dichloropropane	10.0	9.39		ug/L		94	80 - 120	13	20
1,3,5-Trimethylbenzene	10.0	10.2		ug/L		102	77 - 133	11	20
1,3-Dichlorobenzene	10.0	9.65		ug/L		96	79 - 123	11	20
1,3-Dichloropropane	10.0	9.38		ug/L		94	80 - 123	10	20
1,4-Dichlorobenzene	10.0	9.11		ug/L		91	75 - 123	10	22
2,2-Dichloropropane	10.0	10.0		ug/L		100	78 - 133	10	20
2-Chlorotoluene	10.0	9.88		ug/L		99	80 - 120	9	20
2-Hexanone	10.0	8.87		ug/L		89	57 - 127	12	21
4-Chlorotoluene	10.0	9.37		ug/L		94	78 - 120	11	21
4-Isopropyltoluene	10.0	9.84		ug/L		98	77 - 127	11	21
Acetone	10.0	8.34		ug/L		83	57 - 133	14	28
Benzene	10.0	9.23		ug/L		92	80 - 120	11	20
Bromobenzene	10.0	9.88		ug/L		99	80 - 124	11	20
Bromoform	10.0	10.6		ug/L		106	46 - 178	11	23
Bromomethane	10.0	9.94		ug/L		99	52 - 162	8	20
Carbon disulfide	10.0	8.52		ug/L		85	66 - 125	9	20
Carbon tetrachloride	10.0	8.82		ug/L		88	69 - 145	11	20
Chlorobenzene	10.0	9.43		ug/L		94	80 - 120	12	20
Bromochloromethane	10.0	9.54		ug/L		95	76 - 125	11	20
Chloroethane	10.0	10.6		ug/L		106	73 - 139	5	20
Chloroform	10.0	9.54		ug/L		95	80 - 120	10	20
Chloromethane	10.0	9.43		ug/L		94	35 - 159	7	20
cis-1,2-Dichloroethene	10.0	9.41		ug/L		94	76 - 122	11	20
cis-1,3-Dichloropropene	10.0	9.64		ug/L		96	80 - 122	12	20

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QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-139233/5
Matrix: Water
Analysis Batch: 139233

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dibromochloromethane	10.0	10.4		ug/L		104	63 - 151	11	20
Dibromomethane	10.0	9.46		ug/L		95	80 - 121	10	20
Bromodichloromethane	10.0	9.81		ug/L		98	77 - 141	12	20
Dichlorodifluoromethane	10.0	10.5		ug/L		105	59 - 139	8	20
Ethylbenzene	10.0	9.57		ug/L		96	80 - 120	11	20
Hexachlorobutadiene	10.0	9.46		ug/L		95	76 - 141	14	23
Isopropylbenzene	10.0	9.54		ug/L		95	80 - 124	11	20
m,p-Xylene	20.0	18.9		ug/L		95	80 - 122	9	20
Methylene Chloride	10.0	8.96		ug/L		90	70 - 120	10	20
Naphthalene	10.0	9.65		ug/L		96	75 - 120	10	22
n-Butylbenzene	10.0	9.47		ug/L		95	76 - 124	12	23
N-Propylbenzene	10.0	9.98		ug/L		100	80 - 122	12	20
o-Xylene	10.0	9.95		ug/L		99	80 - 122	10	20
sec-Butylbenzene	10.0	9.29		ug/L		93	75 - 123	11	21
Styrene	10.0	9.79		ug/L		98	80 - 121	12	20
tert-Butylbenzene	10.0	9.22		ug/L		92	72 - 128	12	22
Tetrachloroethene (PCE)	10.0	8.93		ug/L		89	80 - 128	12	20
Toluene	10.0	9.10		ug/L		91	80 - 120	13	20
trans-1,2-Dichloroethene	10.0	8.69		ug/L		87	67 - 123	11	20
trans-1,3-Dichloropropene	10.0	10.3		ug/L		103	78 - 140	9	20
Trichloroethene	10.0	9.02		ug/L		90	80 - 123	12	20
Trichlorofluoromethane	10.0	10.3		ug/L		103	64 - 168	9	20
Trichlorotrifluoroethane	10.0	6.42		ug/L		64	50 - 120	12	20
Vinyl chloride	10.0	10.4		ug/L		104	74 - 130	6	20
1,2-Dibromoethane (EDB)	10.0	9.50		ug/L		95	80 - 120	11	20
2-Butanone (MEK)	10.0	8.42		ug/L		84	32 - 133	6	26
4-Methyl-2-pentanone (MIBK)	10.0	8.78		ug/L		88	68 - 120	7	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		68 - 135
Dibromofluoromethane (Surr)	101		80 - 120
Toluene-d8 (Surr)	100		80 - 120
4-Bromofluorobenzene (Surr)	100		71 - 120

Lab Sample ID: MB 570-139539/8
Matrix: Water
Analysis Batch: 139539

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			03/30/21 18:47	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			03/30/21 18:47	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			03/30/21 18:47	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			03/30/21 18:47	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			03/30/21 18:47	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			03/30/21 18:47	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			03/30/21 18:47	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			03/30/21 18:47	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			03/30/21 18:47	1

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QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-139539/8
Matrix: Water
Analysis Batch: 139539

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			03/30/21 18:47	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			03/30/21 18:47	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			03/30/21 18:47	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			03/30/21 18:47	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			03/30/21 18:47	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			03/30/21 18:47	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			03/30/21 18:47	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			03/30/21 18:47	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			03/30/21 18:47	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			03/30/21 18:47	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			03/30/21 18:47	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			03/30/21 18:47	1
2-Hexanone	ND		6.0	4.3	ug/L			03/30/21 18:47	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			03/30/21 18:47	1
4-Isopropyltoluene	ND		0.50	0.28	ug/L			03/30/21 18:47	1
Acetone	ND		8.0	4.0	ug/L			03/30/21 18:47	1
Benzene	ND		0.50	0.27	ug/L			03/30/21 18:47	1
Bromobenzene	ND		0.50	0.26	ug/L			03/30/21 18:47	1
Bromoform	ND		0.50	0.39	ug/L			03/30/21 18:47	1
Bromomethane	ND		1.0	0.93	ug/L			03/30/21 18:47	1
Carbon disulfide	ND		1.0	0.24	ug/L			03/30/21 18:47	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			03/30/21 18:47	1
Chlorobenzene	ND		0.50	0.24	ug/L			03/30/21 18:47	1
Bromochloromethane	ND		1.0	0.35	ug/L			03/30/21 18:47	1
Chloroethane	ND		0.50	0.44	ug/L			03/30/21 18:47	1
Chloroform	ND		0.50	0.28	ug/L			03/30/21 18:47	1
Chloromethane	ND		1.0	0.29	ug/L			03/30/21 18:47	1
cis-1,2-Dichloroethene	ND		0.50	0.30	ug/L			03/30/21 18:47	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			03/30/21 18:47	1
Dibromochloromethane	ND		0.50	0.27	ug/L			03/30/21 18:47	1
Dibromomethane	ND		0.50	0.23	ug/L			03/30/21 18:47	1
Bromodichloromethane	ND		0.50	0.22	ug/L			03/30/21 18:47	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/30/21 18:47	1
Ethylbenzene	ND		0.50	0.36	ug/L			03/30/21 18:47	1
Hexachlorobutadiene	ND		1.0	0.32	ug/L			03/30/21 18:47	1
Isopropylbenzene	ND		0.50	0.38	ug/L			03/30/21 18:47	1
m,p-Xylene	ND		1.0	0.78	ug/L			03/30/21 18:47	1
Methylene Chloride	ND		1.0	0.48	ug/L			03/30/21 18:47	1
Naphthalene	ND		1.0	0.32	ug/L			03/30/21 18:47	1
n-Butylbenzene	ND		0.50	0.29	ug/L			03/30/21 18:47	1
N-Propylbenzene	ND		0.50	0.39	ug/L			03/30/21 18:47	1
o-Xylene	ND		0.50	0.35	ug/L			03/30/21 18:47	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			03/30/21 18:47	1
Styrene	ND		0.50	0.28	ug/L			03/30/21 18:47	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			03/30/21 18:47	1
Tetrachloroethene (PCE)	ND		0.50	0.29	ug/L			03/30/21 18:47	1
Toluene	ND		0.50	0.33	ug/L			03/30/21 18:47	1
trans-1,2-Dichloroethene	ND		0.50	0.36	ug/L			03/30/21 18:47	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/30/21 18:47	1

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QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-139539/8
Matrix: Water
Analysis Batch: 139539

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Trichloroethene	ND		0.50	0.29	ug/L			03/30/21 18:47	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			03/30/21 18:47	1
Trichlorotrifluoroethane	ND		0.50	0.25	ug/L			03/30/21 18:47	1
Vinyl chloride	ND		0.50	0.40	ug/L			03/30/21 18:47	1
1,2-Dibromoethane (EDB)	ND		0.50	0.14	ug/L			03/30/21 18:47	1
2-Butanone (MEK)	ND		5.0	3.0	ug/L			03/30/21 18:47	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.2	ug/L			03/30/21 18:47	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	85		68 - 135		03/30/21 18:47	1
Dibromofluoromethane (Surr)	92		80 - 120		03/30/21 18:47	1
Toluene-d8 (Surr)	101		80 - 120		03/30/21 18:47	1
4-Bromofluorobenzene (Surr)	102		71 - 120		03/30/21 18:47	1

Lab Sample ID: LCS 570-139539/4
Matrix: Water
Analysis Batch: 139539

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.
		Result	Qualifier				Limits
1,2,3-Trichloropropane	10.0	8.62		ug/L		86	66 - 131
1,1,1,2-Tetrachloroethane	10.0	9.60		ug/L		96	76 - 143
1,1,1-Trichloroethane	10.0	10.0		ug/L		100	75 - 128
1,1,2,2-Tetrachloroethane	10.0	11.2		ug/L		112	73 - 126
1,1,2-Trichloroethane	10.0	9.93		ug/L		99	80 - 120
1,1-Dichloroethane	10.0	9.90		ug/L		99	76 - 120
1,1-Dichloroethene	10.0	8.80		ug/L		88	72 - 120
1,1-Dichloropropene	10.0	9.97		ug/L		100	76 - 120
1,2,3-Trichlorobenzene	10.0	10.8		ug/L		108	80 - 125
1,2,4-Trichlorobenzene	10.0	11.6		ug/L		116	80 - 123
1,2,4-Trimethylbenzene	10.0	10.9		ug/L		109	78 - 125
1,2-Dibromo-3-Chloropropane	10.0	10.5		ug/L		105	77 - 120
1,2-Dichlorobenzene	10.0	10.9		ug/L		109	79 - 123
1,2-Dichloroethane	10.0	9.61		ug/L		96	71 - 137
1,2-Dichloropropane	10.0	10.3		ug/L		103	80 - 120
1,3,5-Trimethylbenzene	10.0	10.3		ug/L		103	77 - 133
1,3-Dichlorobenzene	10.0	10.9		ug/L		109	79 - 123
1,3-Dichloropropane	10.0	10.2		ug/L		102	80 - 123
1,4-Dichlorobenzene	10.0	10.6		ug/L		106	75 - 123
2,2-Dichloropropane	10.0	9.78		ug/L		98	78 - 133
2-Chlorotoluene	10.0	9.94		ug/L		99	80 - 120
2-Hexanone	10.0	8.68		ug/L		87	57 - 127
4-Chlorotoluene	10.0	10.3		ug/L		103	78 - 120
4-Isopropyltoluene	10.0	10.2		ug/L		102	77 - 127
Acetone	10.0	10.9		ug/L		109	57 - 133
Benzene	10.0	9.79		ug/L		98	80 - 120
Bromobenzene	10.0	9.89		ug/L		99	80 - 124
Bromoform	10.0	10.2		ug/L		102	46 - 178
Bromomethane	10.0	10.3		ug/L		103	52 - 162

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QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-139539/4

Matrix: Water

Analysis Batch: 139539

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon disulfide	10.0	8.70		ug/L		87	66 - 125
Carbon tetrachloride	10.0	9.42		ug/L		94	69 - 145
Chlorobenzene	10.0	10.1		ug/L		101	80 - 120
Bromochloromethane	10.0	9.85		ug/L		98	76 - 125
Chloroethane	10.0	9.40		ug/L		94	73 - 139
Chloroform	10.0	10.3		ug/L		103	80 - 120
Chloromethane	10.0	11.0		ug/L		110	35 - 159
cis-1,2-Dichloroethene	10.0	10.6		ug/L		106	76 - 122
cis-1,3-Dichloropropene	10.0	10.3		ug/L		103	80 - 122
Dibromochloromethane	10.0	10.1		ug/L		101	63 - 151
Dibromomethane	10.0	9.48		ug/L		95	80 - 121
Bromodichloromethane	10.0	9.95		ug/L		100	77 - 141
Dichlorodifluoromethane	10.0	10.4		ug/L		104	59 - 139
Ethylbenzene	10.0	10.3		ug/L		103	80 - 120
Hexachlorobutadiene	10.0	11.5		ug/L		115	76 - 141
Isopropylbenzene	10.0	10.2		ug/L		102	80 - 124
m,p-Xylene	20.0	21.0		ug/L		105	80 - 122
Methylene Chloride	10.0	10.0		ug/L		100	70 - 120
Naphthalene	10.0	10.8		ug/L		108	75 - 120
n-Butylbenzene	10.0	10.7		ug/L		107	76 - 124
N-Propylbenzene	10.0	10.4		ug/L		104	80 - 122
o-Xylene	10.0	10.4		ug/L		104	80 - 122
sec-Butylbenzene	10.0	10.8		ug/L		108	75 - 123
Styrene	10.0	10.6		ug/L		106	80 - 121
tert-Butylbenzene	10.0	10.0		ug/L		100	72 - 128
Tetrachloroethene (PCE)	10.0	10.5		ug/L		105	80 - 128
Toluene	10.0	9.90		ug/L		99	80 - 120
trans-1,2-Dichloroethene	10.0	9.59		ug/L		96	67 - 123
trans-1,3-Dichloropropene	10.0	10.2		ug/L		102	78 - 140
Trichloroethene	10.0	9.80		ug/L		98	80 - 123
Trichlorofluoromethane	10.0	10.1		ug/L		101	64 - 168
Trichlorotrifluoroethane	10.0	7.90		ug/L		79	50 - 120
Vinyl chloride	10.0	10.9		ug/L		109	74 - 130
1,2-Dibromoethane (EDB)	10.0	9.61		ug/L		96	80 - 120
2-Butanone (MEK)	10.0	8.51		ug/L		85	32 - 133
4-Methyl-2-pentanone (MIBK)	10.0	10.1		ug/L		101	68 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		68 - 135
Dibromofluoromethane (Surr)	101		80 - 120
Toluene-d8 (Surr)	99		80 - 120
4-Bromofluorobenzene (Surr)	98		71 - 120

QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-139539/5
Matrix: Water
Analysis Batch: 139539

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichloropropane	10.0	10.3		ug/L		103	66 - 131	18	20
1,1,1,2-Tetrachloroethane	10.0	10.1		ug/L		101	76 - 143	5	20
1,1,1-Trichloroethane	10.0	10.2		ug/L		102	75 - 128	2	20
1,1,2,2-Tetrachloroethane	10.0	11.2		ug/L		112	73 - 126	0	21
1,1,2-Trichloroethane	10.0	10.2		ug/L		102	80 - 120	3	20
1,1-Dichloroethane	10.0	10.0		ug/L		100	76 - 120	1	20
1,1-Dichloroethene	10.0	8.96		ug/L		90	72 - 120	2	20
1,1-Dichloropropene	10.0	10.3		ug/L		103	76 - 120	4	20
1,2,3-Trichlorobenzene	10.0	11.1		ug/L		111	80 - 125	3	22
1,2,4-Trichlorobenzene	10.0	11.5		ug/L		115	80 - 123	1	20
1,2,4-Trimethylbenzene	10.0	11.4		ug/L		114	78 - 125	4	22
1,2-Dibromo-3-Chloropropane	10.0	9.87		ug/L		99	77 - 120	7	21
1,2-Dichlorobenzene	10.0	11.2		ug/L		112	79 - 123	3	20
1,2-Dichloroethane	10.0	9.83		ug/L		98	71 - 137	2	20
1,2-Dichloropropane	10.0	10.6		ug/L		106	80 - 120	3	20
1,3,5-Trimethylbenzene	10.0	11.4		ug/L		114	77 - 133	10	20
1,3-Dichlorobenzene	10.0	11.2		ug/L		112	79 - 123	3	20
1,3-Dichloropropane	10.0	10.3		ug/L		103	80 - 123	1	20
1,4-Dichlorobenzene	10.0	11.0		ug/L		110	75 - 123	4	22
2,2-Dichloropropane	10.0	10.0		ug/L		100	78 - 133	3	20
2-Chlorotoluene	10.0	10.7		ug/L		107	80 - 120	8	20
2-Hexanone	10.0	10.2		ug/L		102	57 - 127	16	21
4-Chlorotoluene	10.0	10.8		ug/L		108	78 - 120	5	21
4-Isopropyltoluene	10.0	10.7		ug/L		107	77 - 127	5	21
Acetone	10.0	10.6		ug/L		106	57 - 133	3	28
Benzene	10.0	10.4		ug/L		104	80 - 120	6	20
Bromobenzene	10.0	10.8		ug/L		108	80 - 124	8	20
Bromoform	10.0	10.6		ug/L		106	46 - 178	5	23
Bromomethane	10.0	9.94		ug/L		99	52 - 162	4	20
Carbon disulfide	10.0	8.97		ug/L		90	66 - 125	3	20
Carbon tetrachloride	10.0	9.94		ug/L		99	69 - 145	5	20
Chlorobenzene	10.0	10.7		ug/L		107	80 - 120	6	20
Bromochloromethane	10.0	9.63		ug/L		96	76 - 125	2	20
Chloroethane	10.0	9.91		ug/L		99	73 - 139	5	20
Chloroform	10.0	10.4		ug/L		104	80 - 120	1	20
Chloromethane	10.0	11.5		ug/L		115	35 - 159	5	20
cis-1,2-Dichloroethene	10.0	10.6		ug/L		106	76 - 122	0	20
cis-1,3-Dichloropropene	10.0	10.5		ug/L		105	80 - 122	3	20
Dibromochloromethane	10.0	10.5		ug/L		105	63 - 151	5	20
Dibromomethane	10.0	10.1		ug/L		101	80 - 121	7	20
Bromodichloromethane	10.0	10.3		ug/L		103	77 - 141	4	20
Dichlorodifluoromethane	10.0	10.7		ug/L		107	59 - 139	4	20
Ethylbenzene	10.0	10.8		ug/L		108	80 - 120	5	20
Hexachlorobutadiene	10.0	11.9		ug/L		119	76 - 141	3	23
Isopropylbenzene	10.0	11.0		ug/L		110	80 - 124	7	20
m,p-Xylene	20.0	22.2		ug/L		111	80 - 122	5	20
Methylene Chloride	10.0	10.0		ug/L		100	70 - 120	0	20
Naphthalene	10.0	11.3		ug/L		113	75 - 120	4	22

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QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-139539/5
Matrix: Water
Analysis Batch: 139539

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
n-Butylbenzene	10.0	11.2		ug/L		112	76 - 124	5	23
N-Propylbenzene	10.0	11.3		ug/L		113	80 - 122	8	20
o-Xylene	10.0	11.2		ug/L		112	80 - 122	8	20
sec-Butylbenzene	10.0	11.4		ug/L		114	75 - 123	6	21
Styrene	10.0	11.5		ug/L		115	80 - 121	8	20
tert-Butylbenzene	10.0	10.7		ug/L		107	72 - 128	6	22
Tetrachloroethene (PCE)	10.0	11.2		ug/L		112	80 - 128	6	20
Toluene	10.0	10.7		ug/L		107	80 - 120	8	20
trans-1,2-Dichloroethene	10.0	10.3		ug/L		103	67 - 123	7	20
trans-1,3-Dichloropropene	10.0	10.2		ug/L		102	78 - 140	0	20
Trichloroethene	10.0	10.5		ug/L		105	80 - 123	7	20
Trichlorofluoromethane	10.0	10.3		ug/L		103	64 - 168	2	20
Trichlorotrifluoroethane	10.0	8.06		ug/L		81	50 - 120	2	20
Vinyl chloride	10.0	11.1		ug/L		111	74 - 130	3	20
1,2-Dibromoethane (EDB)	10.0	10.2		ug/L		102	80 - 120	6	20
2-Butanone (MEK)	10.0	9.04		ug/L		90	32 - 133	6	26
4-Methyl-2-pentanone (MIBK)	10.0	10.6		ug/L		106	68 - 120	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		68 - 135
Dibromofluoromethane (Surr)	99		80 - 120
Toluene-d8 (Surr)	103		80 - 120
4-Bromofluorobenzene (Surr)	103		71 - 120

Lab Sample ID: 570-54854-A-1 MS
Matrix: Water
Analysis Batch: 139539

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichloropropane	ND		40.0	42.2		ug/L		106	66 - 139
1,1,1,2-Tetrachloroethane	ND		40.0	39.1		ug/L		98	57 - 157
1,1,1-Trichloroethane	ND		40.0	40.5		ug/L		101	54 - 152
1,1,2,2-Tetrachloroethane	ND		40.0	43.8		ug/L		109	67 - 143
1,1,2-Trichloroethane	ND		40.0	41.5		ug/L		104	70 - 138
1,1-Dichloroethane	ND		40.0	40.5		ug/L		101	57 - 140
1,1-Dichloroethene	ND		40.0	37.5		ug/L		94	48 - 146
1,1-Dichloropropene	ND		40.0	39.3		ug/L		98	56 - 144
1,2,3-Trichlorobenzene	ND		40.0	42.6		ug/L		107	66 - 146
1,2,4-Trichlorobenzene	ND		40.0	41.5		ug/L		104	64 - 146
1,2,4-Trimethylbenzene	ND		40.0	42.3		ug/L		106	52 - 156
1,2-Dibromo-3-Chloropropane	ND		40.0	37.2		ug/L		93	57 - 145
1,2-Dichlorobenzene	ND		40.0	43.0		ug/L		107	63 - 146
1,2-Dichloroethane	98		40.0	128		ug/L		76	63 - 151
1,2-Dichloropropane	ND		40.0	41.1		ug/L		103	65 - 143
1,3,5-Trimethylbenzene	ND		40.0	42.9		ug/L		107	58 - 158
1,3-Dichlorobenzene	ND		40.0	42.5		ug/L		106	61 - 145
1,3-Dichloropropane	ND		40.0	41.6		ug/L		104	70 - 137
1,4-Dichlorobenzene	ND		40.0	40.8		ug/L		102	61 - 141

QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-54854-A-1 MS
Matrix: Water
Analysis Batch: 139539

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				Limits
2,2-Dichloropropane	ND		40.0	30.5		ug/L		76	56 - 148
2-Chlorotoluene	ND		40.0	41.4		ug/L		103	58 - 145
2-Hexanone	ND		40.0	38.4		ug/L		96	61 - 139
4-Chlorotoluene	ND		40.0	41.2		ug/L		103	59 - 144
4-Isopropyltoluene	ND		40.0	37.7		ug/L		94	55 - 153
Acetone	ND		40.0	37.4		ug/L		94	49 - 130
Benzene	ND		40.0	39.3		ug/L		98	61 - 143
Bromobenzene	ND		40.0	41.0		ug/L		102	64 - 146
Bromoform	ND		40.0	41.6		ug/L		104	48 - 168
Bromomethane	ND		40.0	43.1		ug/L		108	58 - 175
Carbon disulfide	ND		40.0	38.8		ug/L		97	48 - 149
Carbon tetrachloride	ND		40.0	37.2		ug/L		93	46 - 167
Chlorobenzene	ND		40.0	41.9		ug/L		105	62 - 143
Bromochloromethane	ND		40.0	37.5		ug/L		94	65 - 140
Chloroethane	ND		40.0	42.6		ug/L		106	65 - 162
Chloroform	ND		40.0	41.5		ug/L		104	62 - 145
Chloromethane	ND		40.0	45.0		ug/L		112	21 - 171
cis-1,2-Dichloroethene	ND		40.0	41.1		ug/L		103	53 - 156
cis-1,3-Dichloropropene	ND		40.0	39.1		ug/L		98	65 - 142
Dibromochloromethane	ND		40.0	42.0		ug/L		105	56 - 156
Dibromomethane	ND		40.0	39.8		ug/L		100	69 - 142
Bromodichloromethane	ND		40.0	40.2		ug/L		100	61 - 158
Dichlorodifluoromethane	ND		40.0	33.9		ug/L		85	38 - 159
Ethylbenzene	ND		40.0	43.1		ug/L		108	59 - 145
Hexachlorobutadiene	ND		40.0	41.0		ug/L		103	56 - 163
Isopropylbenzene	ND		40.0	41.8		ug/L		104	61 - 149
m,p-Xylene	ND		80.0	86.3		ug/L		108	61 - 150
Methylene Chloride	ND		40.0	39.8		ug/L		100	57 - 131
Naphthalene	ND		40.0	40.2		ug/L		100	54 - 148
n-Butylbenzene	ND		40.0	36.5		ug/L		91	57 - 150
N-Propylbenzene	ND		40.0	41.7		ug/L		104	60 - 149
o-Xylene	ND		40.0	43.9		ug/L		110	61 - 150
sec-Butylbenzene	ND		40.0	40.0		ug/L		100	57 - 148
Styrene	ND		40.0	43.6		ug/L		109	53 - 146
tert-Butylbenzene	ND		40.0	39.4		ug/L		98	56 - 148
Tetrachloroethene (PCE)	ND		40.0	43.2		ug/L		108	52 - 156
Toluene	ND		40.0	41.3		ug/L		103	62 - 145
trans-1,2-Dichloroethene	ND		40.0	40.0		ug/L		100	54 - 142
trans-1,3-Dichloropropene	ND		40.0	39.0		ug/L		98	66 - 146
Trichloroethene	ND		40.0	39.1		ug/L		98	35 - 163
Trichlorofluoromethane	ND		40.0	37.0		ug/L		93	75 - 151
Trichlorotrifluoroethane	ND		40.0	27.1		ug/L		68	35 - 132
Vinyl chloride	ND		40.0	45.2		ug/L		113	75 - 139
1,2-Dibromoethane (EDB)	ND		40.0	39.9		ug/L		100	69 - 139
2-Butanone (MEK)	ND		40.0	32.9		ug/L		82	48 - 141
4-Methyl-2-pentanone (MIBK)	ND		40.0	42.5		ug/L		106	63 - 139

QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-54854-A-1 MS
Matrix: Water
Analysis Batch: 139539

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		68 - 135
Dibromofluoromethane (Surr)	97		80 - 120
Toluene-d8 (Surr)	101		80 - 120
4-Bromofluorobenzene (Surr)	102		71 - 120

Lab Sample ID: 570-54854-A-1 MSD
Matrix: Water
Analysis Batch: 139539

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichloropropane	ND		40.0	37.6		ug/L		94	66 - 139	11	20
1,1,1,2-Tetrachloroethane	ND		40.0	37.4		ug/L		93	57 - 157	5	20
1,1,1-Trichloroethane	ND		40.0	36.4		ug/L		91	54 - 152	11	26
1,1,2,2-Tetrachloroethane	ND		40.0	44.5		ug/L		111	67 - 143	2	20
1,1,2-Trichloroethane	ND		40.0	40.6		ug/L		102	70 - 138	2	20
1,1-Dichloroethane	ND		40.0	38.7		ug/L		97	57 - 140	4	22
1,1-Dichloroethene	ND		40.0	34.0		ug/L		85	48 - 146	10	28
1,1-Dichloropropene	ND		40.0	33.3		ug/L		83	56 - 144	17	27
1,2,3-Trichlorobenzene	ND		40.0	39.1		ug/L		98	66 - 146	9	24
1,2,4-Trichlorobenzene	ND		40.0	39.7		ug/L		99	64 - 146	5	25
1,2,4-Trimethylbenzene	ND		40.0	37.5		ug/L		94	52 - 156	12	24
1,2-Dibromo-3-Chloropropane	ND		40.0	42.0		ug/L		105	57 - 145	12	21
1,2-Dichlorobenzene	ND		40.0	40.3		ug/L		101	63 - 146	6	20
1,2-Dichloroethane	98		40.0	128		ug/L		76	63 - 151	0	20
1,2-Dichloropropane	ND		40.0	40.8		ug/L		102	65 - 143	1	20
1,3,5-Trimethylbenzene	ND		40.0	35.8		ug/L		90	58 - 158	18	26
1,3-Dichlorobenzene	ND		40.0	39.0		ug/L		97	61 - 145	9	22
1,3-Dichloropropane	ND		40.0	41.4		ug/L		104	70 - 137	0	20
1,4-Dichlorobenzene	ND		40.0	38.3		ug/L		96	61 - 141	6	22
2,2-Dichloropropane	ND		40.0	29.0		ug/L		72	56 - 148	5	26
2-Chlorotoluene	ND		40.0	35.1		ug/L		88	58 - 145	17	25
2-Hexanone	ND		40.0	39.4		ug/L		98	61 - 139	3	21
4-Chlorotoluene	ND		40.0	36.2		ug/L		91	59 - 144	13	24
4-Isopropyltoluene	ND		40.0	31.0		ug/L		78	55 - 153	20	28
Acetone	ND		40.0	36.7		ug/L		92	49 - 130	2	26
Benzene	ND		40.0	37.8		ug/L		94	61 - 143	4	20
Bromobenzene	ND		40.0	38.1		ug/L		95	64 - 146	7	20
Bromoform	ND		40.0	40.8		ug/L		102	48 - 168	2	20
Bromomethane	ND		40.0	39.7		ug/L		99	58 - 175	8	22
Carbon disulfide	ND		40.0	33.0		ug/L		83	48 - 149	16	25
Carbon tetrachloride	ND		40.0	32.9		ug/L		82	46 - 167	12	29
Chlorobenzene	ND		40.0	39.1		ug/L		98	62 - 143	7	20
Bromochloromethane	ND		40.0	35.6		ug/L		89	65 - 140	5	20
Chloroethane	ND		40.0	39.4		ug/L		99	65 - 162	8	20
Chloroform	ND		40.0	40.0		ug/L		100	62 - 145	4	20
Chloromethane	ND		40.0	45.6		ug/L		114	21 - 171	1	20
cis-1,2-Dichloroethene	ND		40.0	39.4		ug/L		98	53 - 156	4	20
cis-1,3-Dichloropropene	ND		40.0	37.7		ug/L		94	65 - 142	4	20

QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-54854-A-1 MSD
Matrix: Water
Analysis Batch: 139539

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Dibromochloromethane	ND		40.0	40.8		ug/L		102	56 - 156	3	20
Dibromomethane	ND		40.0	38.6		ug/L		96	69 - 142	3	20
Bromodichloromethane	ND		40.0	40.4		ug/L		101	61 - 158	0	20
Dichlorodifluoromethane	ND		40.0	32.7		ug/L		82	38 - 159	4	21
Ethylbenzene	ND		40.0	36.3		ug/L		91	59 - 145	17	23
Hexachlorobutadiene	ND		40.0	34.3		ug/L		86	56 - 163	18	34
Isopropylbenzene	ND		40.0	34.3		ug/L		86	61 - 149	20	28
m,p-Xylene	ND		80.0	74.8		ug/L		93	61 - 150	14	23
Methylene Chloride	ND		40.0	38.2		ug/L		95	57 - 131	4	21
Naphthalene	ND		40.0	43.2		ug/L		108	54 - 148	7	22
n-Butylbenzene	ND		40.0	30.5		ug/L		76	57 - 150	18	30
N-Propylbenzene	ND		40.0	34.3		ug/L		86	60 - 149	19	29
o-Xylene	ND		40.0	38.8		ug/L		97	61 - 150	12	20
sec-Butylbenzene	ND		40.0	32.7		ug/L		82	57 - 148	20	31
Styrene	ND		40.0	39.4		ug/L		99	53 - 146	10	22
tert-Butylbenzene	ND		40.0	31.7		ug/L		79	56 - 148	22	28
Tetrachloroethene (PCE)	ND		40.0	36.8		ug/L		92	52 - 156	16	26
Toluene	ND		40.0	38.7		ug/L		97	62 - 145	6	21
trans-1,2-Dichloroethene	ND		40.0	38.0		ug/L		95	54 - 142	5	25
trans-1,3-Dichloropropene	ND		40.0	37.5		ug/L		94	66 - 146	4	20
Trichloroethene	ND		40.0	35.9		ug/L		90	35 - 163	8	21
Trichlorofluoromethane	ND		40.0	34.6		ug/L		86	75 - 151	7	20
Trichlorotrifluoroethane	ND		40.0	23.3		ug/L		58	35 - 132	15	36
Vinyl chloride	ND		40.0	43.6		ug/L		109	75 - 139	4	20
1,2-Dibromoethane (EDB)	ND		40.0	38.7		ug/L		97	69 - 139	3	20
2-Butanone (MEK)	ND		40.0	36.8		ug/L		92	48 - 141	11	26
4-Methyl-2-pentanone (MIBK)	ND		40.0	44.6		ug/L		111	63 - 139	5	20

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	94		68 - 135
Dibromofluoromethane (Surr)	99		80 - 120
Toluene-d8 (Surr)	100		80 - 120
4-Bromofluorobenzene (Surr)	99		71 - 120

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 570-137935/1-A
Matrix: Water
Analysis Batch: 139711

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 137935

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,4-Dioxane	ND		0.50	0.34	ug/L		03/23/21 09:58	03/31/21 04:24	1

Isotope Dilution	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,4-Dioxane-d8	53		15 - 150	03/23/21 09:58	03/31/21 04:24	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Nitrobenzene-d5 (Surr)	81		46 - 128	03/23/21 09:58	03/31/21 04:24	1

Eurofins Calscience Irvine

QC Sample Results

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) (Continued)

Lab Sample ID: LCS 570-137935/2-A
Matrix: Water
Analysis Batch: 139711

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137935

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	20.0	20.6		ug/L		103	57 - 136
		LCS	LCS				
Isotope Dilution	%Recovery	Qualifier	Limits				
1,4-Dioxane-d8	55		15 - 150				
		LCS	LCS				
Surrogate	%Recovery	Qualifier	Limits				
Nitrobenzene-d5 (Surr)	87		46 - 128				

Lab Sample ID: LCSD 570-137935/3-A
Matrix: Water
Analysis Batch: 139711

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 137935

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	20.0	22.6		ug/L		113	57 - 136	9	20
		LCSD	LCSD						
Isotope Dilution	%Recovery	Qualifier	Limits						
1,4-Dioxane-d8	52		15 - 150						
		LCSD	LCSD						
Surrogate	%Recovery	Qualifier	Limits						
Nitrobenzene-d5 (Surr)	89		46 - 128						

Lab Sample ID: 440-280746-2 MS
Matrix: Water
Analysis Batch: 139711

Client Sample ID: MW-23-031821
Prep Type: Total/NA
Prep Batch: 137935

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	ND		20.0	23.2		ug/L		116	45 - 139
		MS	MS						
Isotope Dilution	%Recovery	Qualifier	Limits						
1,4-Dioxane-d8	50		15 - 150						
		MS	MS						
Surrogate	%Recovery	Qualifier	Limits						
Nitrobenzene-d5 (Surr)	84		46 - 128						

Lab Sample ID: 440-280746-2 MSD
Matrix: Water
Analysis Batch: 139711

Client Sample ID: MW-23-031821
Prep Type: Total/NA
Prep Batch: 137935

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	ND		20.0	23.1		ug/L		116	45 - 139	0	17
		MSD	MSD								
Isotope Dilution	%Recovery	Qualifier	Limits								
1,4-Dioxane-d8	47		15 - 150								
		MSD	MSD								
Surrogate	%Recovery	Qualifier	Limits								
Nitrobenzene-d5 (Surr)	90		46 - 128								

QC Association Summary

Client: General Atomics
 Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

GC/MS VOA

Analysis Batch: 139233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-280746-1	TB-031821	Total/NA	Water	8260B	
440-280746-2	MW-23-031821	Total/NA	Water	8260B	
440-280746-3	GECC-901-031821	Total/NA	Water	8260B	
440-280746-4	GECC-902-031821	Total/NA	Water	8260B	
440-280746-5	GECC-905-031821	Total/NA	Water	8260B	
440-280746-6	P-111-031821	Total/NA	Water	8260B	
440-280746-7	P-112-031821	Total/NA	Water	8260B	
440-280746-8	P-113-031821	Total/NA	Water	8260B	
440-280746-9	P-114-031821	Total/NA	Water	8260B	
MB 570-139233/7	Method Blank	Total/NA	Water	8260B	
LCS 570-139233/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-139233/5	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 139539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-280746-10	DUP-2-031821	Total/NA	Water	8260B	
MB 570-139539/8	Method Blank	Total/NA	Water	8260B	
LCS 570-139539/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-139539/5	Lab Control Sample Dup	Total/NA	Water	8260B	
570-54854-A-1 MS	Matrix Spike	Total/NA	Water	8260B	
570-54854-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 137935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-280746-2	MW-23-031821	Total/NA	Water	3510C	
440-280746-3	GECC-901-031821	Total/NA	Water	3510C	
440-280746-4	GECC-902-031821	Total/NA	Water	3510C	
440-280746-5	GECC-905-031821	Total/NA	Water	3510C	
440-280746-6	P-111-031821	Total/NA	Water	3510C	
440-280746-7	P-112-031821	Total/NA	Water	3510C	
440-280746-8	P-113-031821	Total/NA	Water	3510C	
440-280746-9	P-114-031821	Total/NA	Water	3510C	
440-280746-10	DUP-2-031821	Total/NA	Water	3510C	
MB 570-137935/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-137935/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-137935/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
440-280746-2 MS	MW-23-031821	Total/NA	Water	3510C	
440-280746-2 MSD	MW-23-031821	Total/NA	Water	3510C	

Analysis Batch: 139711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-280746-2	MW-23-031821	Total/NA	Water	8270C SIM ID	137935
440-280746-3	GECC-901-031821	Total/NA	Water	8270C SIM ID	137935
440-280746-4	GECC-902-031821	Total/NA	Water	8270C SIM ID	137935
440-280746-5	GECC-905-031821	Total/NA	Water	8270C SIM ID	137935
440-280746-6	P-111-031821	Total/NA	Water	8270C SIM ID	137935
440-280746-7	P-112-031821	Total/NA	Water	8270C SIM ID	137935
MB 570-137935/1-A	Method Blank	Total/NA	Water	8270C SIM ID	137935
LCS 570-137935/2-A	Lab Control Sample	Total/NA	Water	8270C SIM ID	137935

Eurofins Calscience Irvine

QC Association Summary

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

GC/MS Semi VOA (Continued)

Analysis Batch: 139711 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 570-137935/3-A	Lab Control Sample Dup	Total/NA	Water	8270C SIM ID	137935
440-280746-2 MS	MW-23-031821	Total/NA	Water	8270C SIM ID	137935
440-280746-2 MSD	MW-23-031821	Total/NA	Water	8270C SIM ID	137935

Analysis Batch: 139959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-280746-8	P-113-031821	Total/NA	Water	8270C SIM ID	137935
440-280746-9	P-114-031821	Total/NA	Water	8270C SIM ID	137935
440-280746-10	DUP-2-031821	Total/NA	Water	8270C SIM ID	137935



Definitions/Glossary

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-0161	11-19-21
California	Los Angeles County Sanitation Districts	10109	09-30-21
California	SCAQMD LAP	17LA0919	11-30-21
California	State	2944	09-30-21
Guam	State	20-003R	10-31-20 *
Nevada	State	CA00111	07-31-21
Oregon	NELAP	CA300001	01-30-22
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-21

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Calscience Irvine

BLAINE

TECH SERVICES, INC.

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0555

CONDUCT ANALYSIS TO DETECT

LAB

Te

SPECIAL INSTRUCTIONS

Report to:
Anil Dharmapal
 Project Manager
 Licensing, Safety and N
 3550 General Atomics
 Office: (858) 455-2540

CHAIN OF CUSTODY **BTS # 210315-021**

CLIENT **General Atomics**

SITE **General Atomics**

11222 Flintoke

San Diego, CA

SAMPLE I.D.	DATE	TIME	MATRIX S = Soil W = H2O	CONTAINERS		VOC analyses (USEPA Method 8260B)	1,4-Dioxane (USEPA Method 8270D)	Alkalinity	Chloride	Cr (VI)	Metals (total/dissolved)	TOC
				TOTAL								
TB-031821	03/18/21	0600	W	2	WMS	X						
MW-3-031821	03/18/21	0816	W	7	WMS	X	X					
GEL-901-031821	03/18/21	0824	W	7		X	X					
GEL-902-031821	03/18/21	0925	W	7		X	X					
GEL-905-031821	03/18/21	0915	W	7		X	X					
P-111-031821	03/18/21	0959	W	7		X	X					
P-112-031821	03/18/21	1019	W	7		X	X					
P-113-031821	03/18/21	1128	W	7		X	X					
P-114-031821	03/18/21	1053	W	7		X	X					
DUP-2-031821	03/18/21	-	W	7	✓	X	X					



SAMPLING COMPLETED DATE **03/18/21** TIME **1128** SAMPLING PERFORMED BY **Chris Zaleski**

RESULTS NEEDED
NO LATER THAN

RELEASED BY *[Signature]* DATE **03/18/21** TIME **1350**

RECEIVED BY **William Rivera**

RELEASED BY **William Rivera** DATE **3/18/21** TIME **1620**

RECEIVED BY *[Signature]*

RELEASED BY DATE TIME

RECEIVED BY

SHIPPED VIA DATE SENT TIME SENT COOLER #

1.9/1.6, 1.1/0.8 Page # 49

Chain of Custody Record



Environment Testing
 America



Client Information (Sub Contract Lab)		Lab PM: Davidkov, Lena	Carrier Tracking No(s):	GOC No: 440-167131 1							
Client Contact: Shipping/Receiving		E-Mail: Lena.Davidkova@Eurofinset.com	State of Origin: California	Page: Page 1 of 2							
Company: Eurofins Calscience LLC		Accreditations Required (See note): State Program - California		Job #: 440-280746-1							
Address: 7440 Lincoln Way, Garden Grove, CA, 92841		Due Date Requested: 3/31/2021		Preservation Codes:							
Phone: 714-895-5494 (Tel) 714-894-7501 (Fax)		TAT Requested (days):		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Aniliclor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:							
Email:		PO #:		M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)							
Project Name: Monthly In-situ Chemical Oxidation (ISCO)		WO #:									
Site:		Project #: 44023004									
SSOW#:		SSOW#:									
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Solid, Overstabil, BT-Tissue, A-Mat)	Field Filtered Sample (Yes or No)	Perform M/MSD (Yes or No)	8260B_LL/5030C_UP (MOD) Default	8260B_LL/5030C (MOD) Default/Ketones	8270C_SIM_MS_ID/3510C 1,4-Dioxane + SIM_MS_ID	Total Number of Containers	Special Instructions/Note:
TB-031821 (440-280746-1)	3/18/21	06:00 Pacific	Water	Water	X	X	X	X	X	2	
MW-23-031821 (440-280746-2)	3/18/21	08:16 Pacific	Water	Water	X	X	X	X	X	7	
GECC-901-031821 (440-280746-3)	3/18/21	08:29 Pacific	Water	Water	X	X	X	X	X	7	
GECC-902-031821 (440-280746-4)	3/18/21	09:25 Pacific	Water	Water	X	X	X	X	X	7	
GECC-905-031821 (440-280746-5)	3/18/21	09:15 Pacific	Water	Water	X	X	X	X	X	7	
P-111-031821 (440-280746-6)	3/18/21	09:59 Pacific	Water	Water	X	X	X	X	X	7	
P-112-031821 (440-280746-7)	3/18/21	10:19 Pacific	Water	Water	X	X	X	X	X	7	
P-113-031821 (440-280746-8)	3/18/21	11:28 Pacific	Water	Water	X	X	X	X	X	7	
P-114-031821 (440-280746-9)	3/18/21	10:53 Pacific	Water	Water	X	X	X	X	X	7	

Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody if the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience.

Possible Hazard Identification

Unconfirmed
 Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank: 2

Special Instructions/QC Requirements: Return To Client Disposal By Lab Archive For _____ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Relinquished by:	Date/Time: 3-19-21 9:40	Company: Eurofins	Date/Time: 03/19/2021 0940	Company: Eurofins
Relinquished by:	Date/Time:	Company:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Date/Time:	Company:

Cooler Temperature(s) °C and Other Remarks: 2.9/1.8 3.3/2.2 3.5/2.4



Login Sample Receipt Checklist

Client: General Atomics

Job Number: 440-280746-1

Login Number: 280746

List Number: 1

Creator: Lagunas, Jorge L

List Source: Eurofins Irvine

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: General Atomics

Job Number: 440-280746-1

Login Number: 280746

List Source: Eurofins Calscience

List Number: 2

List Creation: 03/19/21 11:51 AM

Creator: Cruise, Noel

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.5; 2.4
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Isotope Dilution Summary

Client: General Atomics
Project/Site: Monthly In-situ Chemical Oxidation (ISCO)

Job ID: 440-280746-1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DXE (15-150)
440-280746-2	MW-23-031821	45
440-280746-2 MS	MW-23-031821	50
440-280746-2 MSD	MW-23-031821	47
440-280746-3	GECC-901-031821	41
440-280746-4	GECC-902-031821	47
440-280746-5	GECC-905-031821	41
440-280746-6	P-111-031821	34
440-280746-7	P-112-031821	47
440-280746-8	P-113-031821	38
440-280746-9	P-114-031821	51
440-280746-10	DUP-2-031821	45
LCS 570-137935/2-A	Lab Control Sample	55
LCSD 570-137935/3-A	Lab Control Sample Dup	52
MB 570-137935/1-A	Method Blank	53

Surrogate Legend

DXE = 1,4-Dioxane-d8

1
2
3
4
5
6
7
8
9
10
11
12
13
14



January 22, 2021

Anil Dharmapal
General Atomics
3550 General Atomics Court, G9-120
San Diego, CA 92121

RE: Report of Findings, Analysis of NaMnO₄
Client ID: TCE Project 91430008
PRIMA ID: GA-SV-NaMnO4-01202021

Dear Mr. Dharmapal:

PRIMA Environmental, Inc. measured sodium permanganate (NaMnO₄) in water samples from the General Atomics site located at 11222 Flintoke, San Diego, California. The results are reported herein.

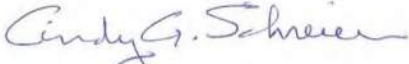
Sample Receipt. Ten (10) water samples were received in good condition on January 20, 2021.

Procedure. NaMnO₄ was analyzed via visible spectroscopy at 560 nanometers using a Hach DR 2800 spectrophotometer. Dilutions were made as needed using deionized water. No dilutions were performed on samples that were colorless in the VOA upon receipt.

Results. Results of the measurements are shown in Table 1 (attached).

If you have any questions regarding this report, please contact me at 916-939-7300 or cschreier@primaenvironmental.com. Thank you for the opportunity to be of service.

Sincerely,
PRIMA Environmental, Inc.


Cindy G. Schreier, Ph.D.
President

Attachment

Table 1. NaMnO₄ Results.

Sample ID	Date Analyzed	NaMnO ₄ (mg/L)	Color*
GECC-901-011921	1/22/2021	< 2	colorless
GECC-902-011921	1/22/2021	< 2	colorless
GECC-905-011921	1/22/2021	< 2	colorless
MW-9-011821	1/22/2021	< 2	colorless
MW-17-011821	1/22/2021	< 2	colorless
MW-33-011821	1/22/2021	< 2	colorless
P-111-011821	1/22/2021	< 2	colorless
P-112-011821	1/22/2021	< 2	colorless
P-113-011921	1/22/2021	< 2	colorless
P-114-011821	1/22/2021	< 2	colorless

* Color in VOA sample container upon receipt.



5070 Robert J Mathews Parkway, Suite 300
El Dorado Hills, CA 95762
916-939-7300
www.primaenvironmental.com

Sample Receipt Summary

Date/Time: 1/20/2021 1444

Client/Company: Gen Atom - NaMnO4 01202021

Project: _____

	Yes	No	N/A
Custody seals intact?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Chain of custody Present? If no, list number of samples and Sample ID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ice present? If no, what is temperature? _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Samples in good condition? If no, explain:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do sample IDs on containers match IDs on COC? If no, explain:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Other Comments:

BLAINE

TECH SERVICES, INC.

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0555

CHAIN OF CUSTODY **BTS #**

CLIENT **General Atomics**
 SITE **General Atomics**
11222 Flintoke

San Diego, CA

CONDUCT ANALYSIS TO DETECT

sodium permanganate concentrations

LAB

Prima Environmental

DHS #

SPECIAL INSTRUCTIONS

Report to:
Anil Dharmapal
 Project Manager
 Licensing, Safety and Nuclear Compliance
 3550 General Atomics Court, San Diego, CA 92121
 Office: (858) 455-2540, Cell: (858) 226-0582

TCE Project 91430008

SAMPLE ID.	DATE	TIME	MATRIX Soil H ₂ O	CONTAINERS	TOTAL	ADDL INFORMATION	STATUS	CONDITION	LAB SAMPLE #
GECG-901-011921	01-19-21	0859	U	1	Yes				
GECG-902-011921	01-19-21	1041							
GECG-905-011921	01-19-21	1222							
Mus-9-011821	01-18-21	1209							
Mus-17-011821	01-18-21	1104							
Mus-33-011821	01-18-21	1302							
P-11-011821	01-18-21	1404							
P-112-011821	01-18-21	1450							
P-113-011921	01-19-21	0948							
P-114-011821	01-18-21	0957							

RESULTS NEEDED
 NO LATER THAN

SAMPLING COMPLETED 01-19-21 1222
 PERFORMED BY **Jerry L. Campbell**

RELEASED BY **[Signature]** DATE 01-19-21 TIME 1430 RECEIVED BY **[Signature]** DATE DATE TIME

RELEASED BY **[Signature]** DATE DATE TIME RECEIVED BY **[Signature]** DATE DATE TIME

SHIPPED VIA DATE SENT TIME SENT COOLER # RECEIVED BY **[Signature]** DATE 1/20/2021 TIME 1444



February 18, 2021

Anil Dharmapal
General Atomics
3550 General Atomics Court, G9-120
San Diego, CA 92121

RE: Report of Findings, Analysis of NaMnO₄
Client ID: TCE Project 91430008
PRIMA ID: GA-SV-NaMnO4-02172021

Dear Mr. Dharmapal:

PRIMA Environmental, Inc. measured sodium permanganate (NaMnO₄) in water samples from the General Atomics site located at 11222 Flintoke, San Diego, California. The results are reported herein.

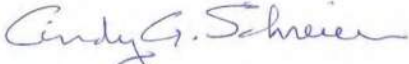
Sample Receipt. Ten (10) water samples were received in good condition on February 18, 2021.

Procedure. NaMnO₄ was analyzed via visible spectroscopy at 560 nanometers using a Hach DR 2800 spectrophotometer. Dilutions were made as needed using deionized water. No dilutions were performed on samples that were colorless in the VOA upon receipt.

Results. Results of the measurements are shown in Table 1 (attached).

If you have any questions regarding this report, please contact me at 916-939-7300 or cschreier@primaenvironmental.com. Thank you for the opportunity to be of service.

Sincerely,
PRIMA Environmental, Inc.


Cindy G. Schreier, Ph.D.
President

Attachment

Table 1. NaMnO₄ Results.

Sample ID	Date Analyzed	NaMnO ₄ (mg/L)	Color*
P-112-021521	2/17/2021	< 2	colorless
P-113-021521	2/17/2021	< 2	colorless
MW-33-021521	2/17/2021	< 2	colorless
MW-9-021521	2/17/2021	< 2	colorless
MW-17-021521	2/17/2021	< 2	colorless
P-114-021521	2/17/2021	< 2	colorless
P-111-021621	2/17/2021	< 2	colorless
GECC-905-021621	2/17/2021	< 2	colorless
GECC-902-021621	2/17/2021	< 2	colorless
GECC-901-021521	2/17/2021	< 2	colorless

* Color in VOA sample container upon receipt.



5070 Robert J Mathews Parkway, Suite 300
El Dorado Hills, CA 95762
916-939-7300
www.primaenvironmental.com

Sample Receipt Summary

Date/Time: 2/17/2021 1113

Client/Company: Gen Atomics

Project: NaMnO4 - 02172021

	Yes	No	N/A
Custody seals intact?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Chain of custody Present? If no, list number of samples and Sample ID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Ice present? If no, what is temperature? _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Samples in good condition? If no, explain:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Do sample IDs on containers match IDs on COC? If no, explain:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Other Comments:

BLAINE

TECH SERVICES, INC.

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0555

CHAIN OF CUSTODY
 CLIENT: General Atomics
 SITE: General Atomics
 11222 Flintoke
 San Diego, CA

BTS # 210215-C21

San Diego, CA

CONDUCT ANALYSIS TO DETECT

LAB

Prima

DHS #

SPECIAL INSTRUCTIONS

Report to:
 Anil Dharmapal
 Project Manager
 Licensing, Safety and Nuclear Compliance
 3550 General Atomics Court, San Diego, CA 92121
 Office: (858) 455-2540, Cell: (858) 226-0582

SAMPLE I.D.	DATE	TIME	MATRIX Soil = H2O =	CONTAINERS	ADDL INFORMATION	STATUS	CONDITION	LAB SAMPLE #
P-112-021521	0215121	0916	W	1	V0A	X		
P-113-021521	0215121	1030	W	1	V0A	X		
MW-33-021521	0215121	1139	W	1	V0A	X		
MW-9-021521	0215121	1243	W	1	V0A	X		
MW-17-021521	0215121	1337	W	1	V0A	X		
P-114-021521	0215121	1435	W	1	V0A	X		
P-111-021521	0215121	0831	W	1	V0A	X		
GEU-905-021621	0216121	0933	W	1	V0A	X		
GEU-902-021621	0216121	1031	W	1	V0A	X		
GEU-901-021621	0216121	1131	W	1	V0A	X		

Sodium Permanganate Concentrations

SAMPLING PERFORMED BY: Chris Zaleski

RELEASED BY: [Signature] DATE: 0216121 TIME: 1200
 RECEIVED BY: [Signature] DATE: 0216121 TIME: 1300

RELEASED BY: [Signature] DATE: 0216121 TIME: 1300
 RECEIVED BY: [Signature] DATE: 0217121 TIME: 1113

SHIPPED VIA: [Signature] DATE SENT: [Signature] TIME SENT: [Signature] COOLER #



March 22, 2021

Anil Dharmapal
General Atomics
3550 General Atomics Court, G9-120
San Diego, CA 92121

RE: Report of Findings, Analysis of NaMnO₄
Client ID: TCE Project 91430008
PRIMA ID: GA-SV-NaMnO4-03192021

Dear Mr. Dharmapal:

PRIMA Environmental, Inc. measured sodium permanganate (NaMnO₄) in water samples from the General Atomics site located at 11222 Flintoke, San Diego, California. The results are reported herein.

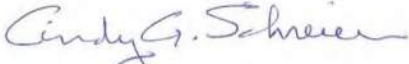
Sample Receipt. Forty (40) water samples were received in good condition on March 19, 2021.

Procedure. NaMnO₄ was analyzed via visible spectroscopy at 560 nanometers using a Hach DR 2800 spectrophotometer. Dilutions were made as needed using deionized water. No dilutions were performed on samples that were colorless in the VOA upon receipt.

Results. Results of the measurements are shown in Table 1 (attached).

If you have any questions regarding this report, please contact me at 916-939-7300 or cschreier@primaenvironmental.com. Thank you for the opportunity to be of service.

Sincerely,
PRIMA Environmental, Inc.


Cindy G. Schreier, Ph.D.
President

Attachment

Table 1. NaMnO₄ Results.

Sample ID	Date Analyzed	NaMnO ₄ (mg/L)	Color (in VOA)
MW-8-031621	3/19/2021	< 2	colorless
GECC-401-031621	3/19/2021	360	dark purple
MW-1-031621	3/19/2021	1,200	black
MW-3-031621	3/19/2021	22,000	black
TW-3-031621	3/19/2021	3,100	black
SVE-1-031621	3/19/2021	5,900	black
SVE-2-031621	3/19/2021	6,200	black
SVE-3-031622	3/19/2021	1,900	black
SVE-4-031622	3/19/2021	15,000	black
SVE-5-031623	3/19/2021	6,600	black
SVE-6-031623	3/19/2021	8,000	black
SVE-7-031624	3/19/2021	5,400	black
SVE-8-031624	3/19/2021	6,000	black
SVE-9-031625	3/19/2021	7,600	black
SVE-10-031625	3/19/2021	2,600	black
SVE-11-031626	3/19/2021	2,800	black
SVE-12-031626	3/19/2021	6,600	black
SVE-13-031627	3/19/2021	4,100	black
SVE-14-031627	3/19/2021	4,300	black
SVE-15-031728	3/19/2021	4,500	black
SVE-16-031728	3/19/2021	4,900	black
MW-34-031721	3/19/2021	4,600	black
MW-35-031721	3/19/2021	1,500	black
MW-36-0317-21	3/19/2021	390	purple
MW-7-031721	3/19/2021	8 J	pink
MW-9-031721	3/19/2021	< 2	colorless
MW-33-031721	3/19/2021	< 2	colorless
MW-10-031721	3/19/2021	< 2	colorless
MW-10D-031721	3/19/2021	< 2	colorless
MW-17-031721	3/19/2021	< 2	colorless

Table 1-continued. NaMnO₄ Results.

Sample ID	Date Analyzed	NaMnO ₄ (mg/L)	Color (in VOA)
MW-23-031821	3/19/2021	< 2	colorless
GECC-901-031821	3/19/2021	< 2	colorless
GECC-902-031821	3/19/2021	< 2	colorless
GECC-905-031821	3/19/2021	< 2	colorless
P-111-031821	3/19/2021	< 2	colorless
P-112-031821	3/19/2021	< 2	colorless
P-113-031821	3/19/2021	< 2	colorless
P-114-031821	3/19/2021	< 2	colorless
Dup-2-031821	3/19/2021	< 2	colorless
Dup-1-031721	3/19/2021	< 2	colorless

J = estimated value.

Cwcej o gpv'D
Data Validation Reports

Memorandum

Date: 20 April 2021
 To: Kevin Coffman
 From: Matthew Richardson
 CC: J. Caprio
 Subject: **Stage 2A Data Validation - Level II Data Deliverable – Eurofins
 Calscience Job ID 440-277714-1, Revision 1**

SITE: General Atomics

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of ten groundwater samples and one trip blank, collected 18-19 January 2021 as part of the General Atomics sampling event. The samples were sent to Eurofins Calscience, Irvine, California; the analyses were performed by Eurofins Calscience, California, both the Lincoln and Lampson campuses. The samples were analyzed for the following analytical tests:

- Volatile Organic Compounds (VOCs) by United States (US) Environmental Protection Agency (EPA) Methods 5030C/8260B
- 1,4-Dioxane by US EPA Methods 3510C/8270C using Selected Ion Monitoring (SIM)/Isotope Dilution (ID)

EXECUTIVE SUMMARY

Overall, based on this Stage 2A data validation covering the quality control (QC) parameters listed below and the information provided, the data are usable for supporting project objectives.

The data were reviewed based on the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review, the pertinent methods referenced in the laboratory report and professional and technical judgment.

The following samples were analyzed in the data set and validated at a Stage 2A level:

Laboratory IDs	Client IDs
440-277714-1	MW-9-011821
440-277714-2	MW-17-011821
440-277714-3	P-114-011821
440-277714-4	MW-33-011821

Laboratory IDs	Client IDs
440-277714-5	P-111-011821
440-277714-6	P-112-011821
440-277714-7	TB-011821
440-277714-8	GECC-901-011921

Laboratory IDs	Client IDs
440-277714-9	P-113-011921
440-277714-10	GECC-902-011921

Laboratory IDs	Client IDs
440-277714-11	GECC-905-011921

The samples were received at the laboratories at 2.3 degrees Celsius (°C), 1.9°C and 2.5°C, within the temperature criteria of 0-6°C. No sample preservation issues were noted by the laboratories.

Incorrect error correction was observed on the chain of custody (COC), instead of the proper procedure of a single strike through, correction, and initials and date of person making the correction.

The second relinquishing documentation on the second page of the COC for the transfer of samples from the field to the Calscience Irvine, California laboratory did not include the time of relinquishing.

The laboratory report was revised on 19 April 2021 to include the QC data for trichlorotrifluoroethane. The revised report was identified as 440-277714-1, Revision 1.

1.0 VOLATILE ORGANIC COMPOUNDS

The samples were analyzed for VOCs per US EPA methods 5030C/8260B.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

- ✓ Overall Assessment
- ✓ Holding Times
- ✓ Method Blank
- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ✓ Surrogate
- ✓ Field Duplicate
- ✓ Trip Blank
- ✓ Sensitivity
- ✓ Electronic Data Deliverable Review

1.1 Overall Assessment

The VOC data reported in this laboratory report are considered usable for supporting project objectives. The results are considered valid; the analytical completeness, defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to

the total number of analytical results requested on samples submitted for this analysis, for the sample set is 100%.

1.2 Holding Time

The holding time for the VOC analysis of a preserved water sample is 14 days from collection to analysis. The holding times were met for the sample analyses.

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Two method blanks were reported (batches 124261 and 124974). VOCs were not detected in the method blanks above the method detection limits (MDLs).

1.4 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSD pairs were not reported.

1.5 Laboratory Control Sample (LCS)

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Two LCS/LCS duplicate (LCSD) pairs were reported. The recovery and relative percent difference (RPD) results were within the laboratory specified acceptance criteria, with the following exceptions.

The LCSD recoveries of 1,2,3-trichlorobenzene, 1,2-dichlorobenzene and 1,4-dichlorobenzene in batch 124261 were high and outside the laboratory specified acceptance criteria. Since 1,2,3-trichlorobenzene, 1,2-dichlorobenzene and 1,4-dichlorobenzene were not detected in the associated samples, no qualifications were applied to the data.

The RPD results for 1,1,2,2-tetrachloroethane, 1,2,3-trichlorobenzene and bromoform in batch 124974 were high and outside the laboratory specified acceptance criteria. Since 1,1,2,2-tetrachloroethane, 1,2,3-trichlorobenzene and bromoform were not detected in the associated samples, no qualifications were applied to the data.

1.6 Surrogates

The surrogate recoveries were within the laboratory specified acceptance criteria.

1.7 Field Duplicate

A field duplicate sample was not collected with the sample set.

1.8 Trip Blank

One trip blank, TB-011821, was submitted with the sample set. VOCs were not detected in the trip blank above the MDLs.

1.9 Sensitivity

The sample results were reported to the MDLs. Elevated non-detect results were reported due to the dilutions analyzed.

1.10 Electronic Data Deliverable (EDD) Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

2.0 1,4-DIOXANE

The samples were analyzed for 1,4-dioxane per US EPA methods 3510C/8270C SIM ID.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

- ✓ Overall Assessment
- ✓ Holding Times
- ✓ Method Blank
- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ✓ Surrogates
- ✓ Isotope Dilution Standard
- ✓ Field Duplicate
- ✓ Sensitivity
- ✓ Electronic Data Deliverable Review

2.1 Overall Assessment

The 1,4-dioxane data reported in this laboratory report are considered usable for supporting project objectives. The results are considered valid; the analytical completeness, defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for the sample set is 100%.

2.2 Holding Time

The holding times for the 1,4-dioxane analysis of a water sample are 7 days from collection to extraction and 40 days from extraction to analysis. The holding times were met for the sample analyses.

2.3 Method Blank

Method blanks were analyzed at the proper frequency for the number of samples analyzed (one per batch). One method blank was reported (batch 123964). 1,4-Dioxane was not detected in the method blank above the MDL.

2.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One batch MS/MSD pair was reported. Since these were batch QC, the results do not affect the samples in this data set and qualifications were not applied to the data.

2.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number of samples analyzed (one per batch). One LCS/LCSD pair was reported. The recovery and RPD results were within the laboratory specified acceptance criteria.

2.6 Surrogates

The surrogate recoveries were within the laboratory specified acceptance criteria.

2.7 Isotope Dilution Standard

The isotope dilution standard recoveries were within the laboratory specified acceptance criteria.

2.8 Field Duplicate

A field duplicate sample was not collected with the sample set.

2.9 Sensitivity

The sample results were reported to the MDLs. Elevated non-detect results were not reported.

2.10 Electronic Data Deliverable Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

* * * * *

ATTACHMENT 1
DATA VALIDATION QUALIFIER DEFINITIONS
AND INTERPRETATION KEY
Assigned by Geosyntec's Data Validation Team

DATA QUALIFIER DEFINITIONS

- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit. Upon application of the U qualifier to a reported result, the definition changes to “not detected at or above the reported result”.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- J+ The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.
- J- The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

ATTACHMENT 2
DATA VALIDATION REASON CODES
Assigned by Geosyntec’s Data Validation Team

Valid Value	Description
1	Preservation requirement not met
2	Analysis holding time exceeded
3	Blank contamination (i.e., method, trip, equipment, etc.)
4	Matrix spike/matrix spike duplicate recovery or RPD outside limits
5	LCS recovery outside limits and RPD outside limits (LCS/LCSD)
6	Surrogate recovery outside limits
7	Field Duplicate RPD exceeded
8	Serial dilution percent difference exceeded
9	Calibration criteria not met
10	Linear range exceeded
11	Internal standard criteria not met
12	Lab duplicates RPD exceeded
13	Other
14	Lab flag removed or modified: no validation qualification required

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

RPD - Relative percent difference

Memorandum

Date: 20 April 2021
 To: Kevin Coffman
 From: Matthew Richardson
 CC: J. Caprio
 Subject: **Stage 2A Data Validation - Level II Data Deliverable – Eurofins
 Calscience Job ID 440-279223-1, Revision 1**

SITE: General Atomics- Monthly In-situ Chemical Oxidation (ISCO)

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of ten groundwater samples and one trip blank, collected 15-16 February 2021 as part of the General Atomics sampling event. The samples were sent to Eurofins Calscience, Irvine, California; the analyses were performed by Eurofins Calscience, California, both the Lincoln and Lampson campuses. The samples were analyzed for the following analytical tests:

- Volatile Organic Compounds (VOCs) by United States (US) Environmental Protection Agency (EPA) Methods 5030C/8260B
- 1,4-Dioxane by US EPA Methods 3510C/8270C using Selected Ion Monitoring (SIM)/ Isotope Dilution (ID)

EXECUTIVE SUMMARY

Overall, based on this Stage 2A data validation covering the quality control (QC) parameters listed below and the information provided, the data are usable for supporting project objectives.

The data were reviewed based on the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review, the pertinent methods referenced in the laboratory report and professional and technical judgment.

The following samples were analyzed in the data set and validated at a Stage 2A level:

Laboratory IDs	Client IDs
440-279223-1	TB-021521
440-279223-2	P-112-021521
440-279223-3	P-113-021521
440-279223-4	MW-33-021521

Laboratory IDs	Client IDs
440-279223-5	MW-9-021521
440-279223-6	MW-17-021521
440-279223-7	P-114-021521
440-279223-8	P-111-021621

Laboratory IDs	Client IDs
440-279223-9	GECC-905-021621
440-279223-10	GECC-902-021621

Laboratory IDs	Client IDs
440-279223-11	GECC-901-021621

The samples were received at the laboratories at 0.9 degrees Celsius (°C) and -0.3°C, both within and outside the temperature criteria of 0-6 °C. Since the samples received at -0.3°C were not frozen and based on professional and technical judgment, no qualifications were applied to the data. No other sample preservation issues were noted by the laboratories .

Incorrect error correction was observed on the chain of custody (COC), instead of the proper procedure of a single strike through, correction, and initials and date of person making the correction.

The laboratory report was revised on 19 April 2021 to include the QC data for trichlorotrifluoroethane. The revised report was identified as 440-279223-1 Revision 1.

1.0 VOLATILE ORGANIC COMPOUNDS

The samples were analyzed for VOCs per US EPA methods 5030C/8260B.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

- ✓ Overall Assessment
- ✓ Holding Times
- ✓ Method Blank
- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ✓ Surrogate
- ✓ Field Duplicate
- ✓ Trip Blank
- ✓ Sensitivity
- ✓ Electronic Data Deliverable Review

1.1 Overall Assessment

The VOC data reported in this laboratory report are considered usable for supporting project objectives. The results are considered valid; the analytical completeness, defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for the sample set is 100%.

1.2 Holding Time

The holding time for the VOC analysis of a preserved water sample is 14 days from collection to analysis. The holding times were met for the sample analyses.

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One method blank was reported (batch 131728). VOCs were not detected in the method blank above the method detection limits (MDLs).

1.4 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSD pairs were not reported.

1.5 Laboratory Control Sample (LCS)

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One LCS/LCS duplicate (LCSD) pair was reported. The recovery and relative percent difference (RPD) results were within the laboratory specified acceptance criteria.

1.6 Surrogates

The surrogate recoveries were within the laboratory specified acceptance criteria.

1.7 Field Duplicate

A field duplicate sample was not collected with the sample set.

1.8 Trip Blank

One trip blank, TB-021521, was submitted with the sample set. VOCs were not detected in the trip blank above the MDLs.

1.9 Sensitivity

The sample results were reported to the MDLs. Elevated non-detect results were reported due to the dilutions analyzed.

1.10 Electronic Data Deliverable (EDD) Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

2.0 1,4-DIOXANE

The samples were analyzed for 1,4-dioxane per US EPA methods 3510C/8270C SIM ID.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

- ✓ Overall Assessment
- ✓ Holding Times
- ✓ Method Blank
- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ✓ Surrogates
- ✓ Isotope Dilution Standard
- ✓ Field Duplicate
- ✓ Sensitivity
- ✓ Electronic Data Deliverable Review

2.1 Overall Assessment

The 1,4-dioxane data reported in this laboratory report are considered usable for supporting project objectives. The results are considered valid; the analytical completeness, defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for the sample set is 100%.

2.2 Holding Time

The holding times for the 1,4-dioxane analysis of a water sample are 7 days from collection to extraction and 40 days from extraction to analysis. The holding times were met for the sample analyses.

2.3 Method Blank

Method blanks were analyzed at the proper frequency for the number of samples analyzed (one per batch). One method blank was reported (batch 130694). 1,4-Dioxane was not detected in the method blank above the MDL.

2.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One batch MS/MSD pair was reported. Since these were batch QC, the results do not affect the samples in this data set and qualifications were not applied to the data.

2.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number of samples analyzed (one per batch). One LCS/LCSD pair was reported. The recovery and RPD results were within the laboratory specified acceptance criteria.

2.6 Surrogates

The surrogate recoveries were within the laboratory specified acceptance criteria.

2.7 Isotope Dilution Standard

The isotope dilution standard recoveries were within the laboratory specified acceptance criteria.

2.8 Field Duplicate

A field duplicate sample was not collected with the sample set.

2.9 Sensitivity

The sample results were reported to the MDLs. Elevated non-detect results were not reported.

2.10 Electronic Data Deliverable Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

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ATTACHMENT 1
DATA VALIDATION QUALIFIER DEFINITIONS
AND INTERPRETATION KEY
Assigned by Geosyntec's Data Validation Team

DATA QUALIFIER DEFINITIONS

- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit. Upon application of the U qualifier to a reported result, the definition changes to “not detected at or above the reported result”.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- J+ The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.
- J- The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

ATTACHMENT 2
DATA VALIDATION REASON CODES
Assigned by Geosyntec’s Data Validation Team

Valid Value	Description
1	Preservation requirement not met
2	Analysis holding time exceeded
3	Blank contamination (i.e., method, trip, equipment, etc.)
4	Matrix spike/matrix spike duplicate recovery or RPD outside limits
5	LCS recovery outside limits and RPD outside limits (LCS/LCSD)
6	Surrogate recovery outside limits
7	Field Duplicate RPD exceeded
8	Serial dilution percent difference exceeded
9	Calibration criteria not met
10	Linear range exceeded
11	Internal standard criteria not met
12	Lab duplicates RPD exceeded
13	Other
14	Lab flag removed or modified: no validation qualification required

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

RPD - Relative percent difference

Memorandum

Date: 20 April 2021
 To: Kevin Coffman
 From: Matthew Richardson
 CC: J. Caprio
 Subject: **Stage 2A Data Validation - Level II Data Deliverable – Eurofins
 Calscience Job ID 440-280627-1, Revision 1**

SITE: General Atomics- Monthly In-situ Chemical Oxidation (ISCO)

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of nineteen groundwater samples and one trip blank, collected 16 March 2021 as part of the General Atomics sampling event. The samples were sent to Eurofins Calscience, Irvine, California; the analyses were performed by Eurofins Calscience, Garden Grove, California, both the Lincoln and Lampson campuses. The samples were analyzed for the following analytical tests:

- Volatile Organic Compounds (VOCs) by United States (US) Environmental Protection Agency (EPA) Methods 5030C/8260B
- 1,4-Dioxane by US EPA Methods 3510C/8270C using Selected Ion Monitoring (SIM)/ Isotope Dilution (ID)

EXECUTIVE SUMMARY

Overall, based on this Stage 2A data validation covering the quality control (QC) parameters listed below and the information provided, the data are usable for supporting project objectives.

The data were reviewed based on the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review, the pertinent methods referenced in the laboratory report and professional and technical judgment.

The following samples were analyzed in the data set and validated at a Stage 2A level:

Laboratory IDs	Client IDs
440-280627-1	TB-031621
440-280627-2	MW-8-031621
440-280627-3	GECC-401-031621
440-280627-4	MW-1-031621

Laboratory IDs	Client IDs
440-280627-5	MW-3-031621
440-280627-6	TW-3-031621
440-280627-7	SVE-1-031621
440-280627-8	SVE-2-031621

Laboratory IDs	Client IDs
440-280627-9	SVE-3-031621
440-280627-10	SVE-4-031621
440-280627-11	SVE-5-031621
440-280627-12	SVE-6-031621
440-280627-13	SVE-7-031621
440-280627-14	SVE-8-031621

Laboratory IDs	Client IDs
440-280627-15	SVE-9-031621
440-280627-16	SVE-10-031621
440-280627-17	SVE-11-031621
440-280627-18	SVE-12-031621
440-280627-19	SVE-13-031621
440-280627-20	SVE-14-031621

The samples were received at the laboratories at 2.5 degrees Celsius (°C), 2.4°C and 1.2°C, within the temperature criteria of 0-6 °C. No sample preservation issues were noted by the laboratories.

Incorrect error correction was observed on the chain of custody (COC), instead of the proper procedure of a single strike through, correction, and initials and date of person making the correction.

There were two copies of the COC in the laboratory report, documenting the transfer of samples from Calscience Irvine to the Calscience Garden Grove laboratory. One copy did not have receiving documentation at the Calscience Garden Grove laboratory and the other copy had the appropriate receiving documentation.

The laboratory report was revised on 19 April 2021 to include the QC data for trichlorotrifluoroethane. The revised report was identified as 440-280627-1 Revision 1.

1.0 VOLATILE ORGANIC COMPOUNDS

The samples were analyzed for VOCs per US EPA methods 5030C/8260B.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

- ✓ Overall Assessment
- ✓ Holding Times
- ✓ Method Blank
- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ✓ Surrogate
- ✓ Field Duplicate
- ✓ Trip Blank
- ✓ Sensitivity
- ✓ Electronic Data Deliverable Review

1.1 Overall Assessment

The VOC data reported in this laboratory report are considered usable for supporting project objectives. The results are considered valid; the analytical completeness, defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for the sample set is 100%.

1.2 Holding Time

The holding time for the VOC analysis of a preserved water sample is 14 days from collection to analysis. The holding times were met for the sample analyses.

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Four method blanks were reported (batches 138507, 138511, 139029 and 139233). VOCs were not detected in the method blanks above the method detection limits (MDLs).

1.4 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSD pairs were not reported.

1.5 Laboratory Control Sample (LCS)

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Four LCS/LCS duplicate (LCSD) pairs were reported. The recovery and relative percent difference (RPD) results were within the laboratory specified acceptance criteria, with the following exceptions.

The recoveries of naphthalene in batch 138511 were high and outside the laboratory specified acceptance criteria. Since naphthalene was not detected in the associated samples, no qualifications were applied to the data.

The RPD results for 1,1-dichloroethene and trichlorofluoroethane in batch 139029 were high and outside the laboratory specified acceptance criteria. Since 1,1-dichloroethene and trichlorofluoroethane not detected in the associated samples, no qualifications were applied to the data.

1.6 Surrogates

The surrogate recoveries were within the laboratory specified acceptance criteria.

1.7 **Field Duplicate**

A field duplicate sample was not collected with the sample set.

1.8 **Trip Blank**

One trip blank, TB-031621, was submitted with the sample set. VOCs were not detected in the trip blank above the MDLs.

1.9 **Sensitivity**

The sample results were reported to the MDLs. Elevated non-detect results were reported due to the dilutions analyzed.

1.10 **Electronic Data Deliverable (EDD) Review**

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

2.0 **1,4-DIOXANE**

The samples were analyzed for 1,4-dioxane per US EPA methods 3510C/8270C SIM ID.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

- ✓ Overall Assessment
- ✓ Holding Times
- ✓ Method Blank
- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ✓ Surrogates
- ✓ Isotope Dilution Standard
- ✓ Field Duplicate
- ✓ Sensitivity
- ✓ Electronic Data Deliverable Review

2.1 **Overall Assessment**

The 1,4-dioxane data reported in this laboratory report are considered usable for supporting project objectives. The results are considered valid; the analytical completeness, defined as the ratio of the

number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for the sample set is 100%.

2.2 Holding Time

The holding times for the 1,4-dioxane analysis of a water sample are 7 days from collection to extraction and 40 days from extraction to analysis. The holding times were met for the sample analyses.

2.3 Method Blank

Method blanks were analyzed at the proper frequency for the number of samples analyzed (one per batch). One method blank was reported (batch 137106). 1,4-Dioxane was not detected in the method blank above the MDL.

2.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One sample set specific MS/MSD pair, using sample GECC-401-031621, was reported. The recovery and RPD results were within the laboratory specified acceptance criteria.

2.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number of samples analyzed (one per batch). One LCS/LCSD pair was reported. The recovery and RPD results were within the laboratory specified acceptance criteria.

2.6 Surrogates

The surrogate recoveries were within the laboratory specified acceptance criteria.

2.7 Isotope Dilution Standards

The isotope dilution standard recoveries were within the laboratory specified acceptance criteria.

2.8 Field Duplicate

A field duplicate sample was not collected with the sample set.

2.9 Sensitivity

The sample results were reported to the MDLs. Elevated non-detect results were not reported.

2.10 Electronic Data Deliverable Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

* * * * *

ATTACHMENT 1
DATA VALIDATION QUALIFIER DEFINITIONS
AND INTERPRETATION KEY
Assigned by Geosyntec's Data Validation Team

DATA QUALIFIER DEFINITIONS

- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit. Upon application of the U qualifier to a reported result, the definition changes to “not detected at or above the reported result”.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- J+ The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.
- J- The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

ATTACHMENT 2
DATA VALIDATION REASON CODES
Assigned by Geosyntec’s Data Validation Team

Valid Value	Description
1	Preservation requirement not met
2	Analysis holding time exceeded
3	Blank contamination (i.e., method, trip, equipment, etc.)
4	Matrix spike/matrix spike duplicate recovery or RPD outside limits
5	LCS recovery outside limits and RPD outside limits (LCS/LCSD)
6	Surrogate recovery outside limits
7	Field Duplicate RPD exceeded
8	Serial dilution percent difference exceeded
9	Calibration criteria not met
10	Linear range exceeded
11	Internal standard criteria not met
12	Lab duplicates RPD exceeded
13	Other
14	Lab flag removed or modified: no validation qualification required

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

RPD - Relative percent difference

Memorandum

Date: 20 April 2021
 To: Kevin Coffman
 From: Matthew Richardson
 CC: J. Caprio
 Subject: **Stage 2A Data Validation - Level II Data Deliverable – Eurofins
 Calscience Job ID 440-280708-1, Revision 2**

SITE: General Atomics- Monthly In-situ Chemical Oxidation (ISCO)

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of eleven groundwater samples, one field duplicate sample and one trip blank, collected 17 March 2021 as part of the General Atomics sampling event. The samples were sent to Eurofins Calscience, Irvine, California; the analyses were performed by Eurofins Calscience, Garden Grove, California, both the Lincoln and Lampson campuses. The samples were analyzed for the following analytical tests:

- Volatile Organic Compounds (VOCs) by United States (US) Environmental Protection Agency (EPA) Methods 5030C/8260B
- 1,4-Dioxane by US EPA Methods 3510C/8270C using Selected Ion Monitoring (SIM)/ Isotope Dilution (ID)

EXECUTIVE SUMMARY

Overall, based on this Stage 2A data validation covering the quality control (QC) parameters listed below and the information provided, the data are usable for supporting project objectives.

The data were reviewed based on the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review, the pertinent methods referenced in the laboratory report and professional and technical judgment.

The following samples were analyzed in the data set and validated at a Stage 2A level:

Laboratory IDs	Client IDs
440-280708-1	TB-031721
440-280708-2	SVE-15-031721
440-280708-3	SVE-16-031721
440-280708-4	MW-34-031721

Laboratory IDs	Client IDs
440-280708-5	MW-35-031721
440-280708-6	MW-36-031721
440-280708-7	MW-7-031721
440-280708-8	MW-9-031721

Laboratory IDs	Client IDs
440-280708-9	MW-33-031721
440-280708-10	MW-10-031721
440-280708-11	MW-10D-031721

Laboratory IDs	Client IDs
440-280708-12	MW-17-031721
440-280708-13	DUP-1-031721

The samples were received at the laboratories at 2.5 degrees Celsius (°C), 1.6°C , 1.1°C and 1.5°C, within the temperature criteria of 0-6 °C. No sample preservation issues were noted by the laboratories.

A sample collection time was not documented on the chain of custody (COC) for the field duplicate sample. The field duplicate was logged by the laboratory with the sample collection time 00:01.

The laboratory report was revised twice on 19 April 2021. The first revision was provided to correct the sample collection time for sample MW-17-031721. The second revision was provided to include the QC data for trichlorotrifluoroethane. The second revised report was identified as 440-280708-1, Revision 2.

1.0 VOLATILE ORGANIC COMPOUNDS

The samples were analyzed for VOCs per US EPA methods 5030C/8260B.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

- ✓ Overall Assessment
- ✓ Holding Times
- ✓ Method Blank
- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ✓ Surrogate
- ✓ Field Duplicate
- ✓ Trip Blank
- ✓ Sensitivity
- ✓ Electronic Data Deliverable Review

1.1 Overall Assessment

The VOC data reported in this laboratory report are considered usable for supporting project objectives. The results are considered valid; the analytical completeness, defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for the sample set is 100%.

1.2 Holding Time

The holding time for the VOC analysis of a preserved water sample is 14 days from collection to analysis. The holding times were met for the sample analyses.

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Two method blanks were reported (batches 138827 and 139233). VOCs were not detected in the method blanks above the method detection limits (MDLs).

1.4 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSD pairs were not reported.

1.5 Laboratory Control Sample (LCS)

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Two LCS/LCS duplicate (LCSD) pairs were reported. The recovery and relative percent difference (RPD) results were within the laboratory specified acceptance criteria.

1.6 Surrogates

The surrogate recoveries were within the laboratory specified acceptance criteria.

1.7 Field Duplicate

One field duplicate sample was collected with the sample set, DUP-1-031721. Acceptable precision (RPD \leq 30%) was demonstrated between the field duplicate and the original sample, MW-10D-031721.

1.8 Trip Blank

One trip blank, TB-031721, was submitted with the sample set. VOCs were not detected in the trip blank above the MDLs.

1.9 Sensitivity

The sample results were reported to the MDLs. Elevated non-detect results were reported due to the dilutions analyzed.

1.10 Electronic Data Deliverable (EDD) Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

2.0 1,4-DIOXANE

The samples were analyzed for 1,4-dioxane per US EPA methods 3510C/8270C SIM ID.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

- ✓ Overall Assessment
- ✓ Holding Times
- ✓ Method Blank
- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ✓ Surrogates
- ✓ Isotope Dilution Standard
- ✓ Field Duplicate
- ✓ Sensitivity
- ✓ Electronic Data Deliverable Review

2.1 Overall Assessment

The 1,4-dioxane data reported in this laboratory report are considered usable for supporting project objectives. The results are considered valid; the analytical completeness, defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for the sample set is 100%.

2.2 Holding Time

The holding times for the 1,4-dioxane analysis of a water sample are 7 days from collection to extraction and 40 days from extraction to analysis. The holding times were met for the sample analyses.

2.3 Method Blank

Method blanks were analyzed at the proper frequency for the number of samples analyzed (one per batch). One method blank was reported (batch 137455). 1,4-Dioxane was not detected in the method blank above the MDL.

2.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One sample set specific MS/MSD pair, using sample SVE-15-031721, was reported. The recovery and RPD results were within the laboratory specified acceptance criteria.

2.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number of samples analyzed (one per batch). One LCS/LCSD pair was reported. The recovery and RPD results were within the laboratory specified acceptance criteria.

2.6 Surrogates

The surrogate recoveries were within the laboratory specified acceptance criteria.

2.7 Isotope Dilution Standard

The isotope dilution standard recoveries were within the laboratory specified acceptance criteria.

2.8 Field Duplicate

One field duplicate sample was collected with the sample set, DUP-1-031721. Acceptable precision (RPD $\leq 30\%$) was demonstrated between the field duplicate and the original sample, MW-10D-031721.

2.9 Sensitivity

The sample results were reported to the MDLs. Elevated non-detect results were not reported.

2.10 Electronic Data Deliverable Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

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ATTACHMENT 1
DATA VALIDATION QUALIFIER DEFINITIONS
AND INTERPRETATION KEY
Assigned by Geosyntec's Data Validation Team

DATA QUALIFIER DEFINITIONS

- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit. Upon application of the U qualifier to a reported result, the definition changes to “not detected at or above the reported result”.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- J+ The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.
- J- The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

ATTACHMENT 2
DATA VALIDATION REASON CODES
Assigned by Geosyntec’s Data Validation Team

Valid Value	Description
1	Preservation requirement not met
2	Analysis holding time exceeded
3	Blank contamination (i.e., method, trip, equipment, etc.)
4	Matrix spike/matrix spike duplicate recovery or RPD outside limits
5	LCS recovery outside limits and RPD outside limits (LCS/LCSD)
6	Surrogate recovery outside limits
7	Field Duplicate RPD exceeded
8	Serial dilution percent difference exceeded
9	Calibration criteria not met
10	Linear range exceeded
11	Internal standard criteria not met
12	Lab duplicates RPD exceeded
13	Other
14	Lab flag removed or modified: no validation qualification required

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

RPD - Relative percent difference

Memorandum

Date: 20 April 2021
 To: Kevin Coffman
 From: Matthew Richardson
 CC: J. Caprio
 Subject: **Stage 2A Data Validation - Level II Data Deliverable – Eurofins
 Calscience Job ID 440-280746-1, Revision 1**

SITE: General Atomics- Monthly In-situ Chemical Oxidation (ISCO)

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of eight groundwater samples, one field duplicate sample and one trip blank, collected 18 March 2021 as part of the General Atomics sampling event. The samples were sent to Eurofins Calscience, Irvine, California; the analyses were performed by Eurofins Calscience, Garden Grove, California, both the Lincoln and Lampson campuses. The samples were analyzed for the following analytical tests:

- Volatile Organic Compounds (VOCs) by United States (US) Environmental Protection Agency (EPA) Methods 5030C/8260B
- 1,4-Dioxane by US EPA Methods 3510C/8270C using Selected Ion Monitoring (SIM)/ Isotope Dilution (ID)

EXECUTIVE SUMMARY

Overall, based on this Stage 2A data validation covering the quality control (QC) parameters listed below and the information provided, the data are usable for supporting project objectives.

The data were reviewed based on the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review, the pertinent methods referenced in the laboratory report and professional and technical judgment.

The following samples were analyzed in the data set and validated at a Stage 2A level:

Laboratory IDs	Client IDs
440-280746-1	TB-031821
440-280746-2	MW-23-031821
440-280746-3	GECC-901-031821
440-280746-4	GECC-902-031821

Laboratory IDs	Client IDs
440-280746-5	GECC-905-031821
440-280746-6	P-111-031821
440-280746-7	P-112-031821
440-280746-8	P-113-031821

Laboratory IDs	Client IDs
440-280746-9	P-114-031821

Laboratory IDs	Client IDs
440-280746-10	DUP-2-031821

The samples were received at the laboratories at 0.8 degrees Celsius (°C), 3.5°C, 2.4°C and 1.6 °C, within the temperature criteria of 0-6°C. No sample preservation issues were noted by the laboratories.

Incorrect error corrections were observed on the chain of custody (COC), instead of the proper procedure of a single strike through, correction, and initials and date of person making the corrections.

A sample collection time was not documented on the COC for the field duplicate sample. The field duplicate sample was logged by the laboratory with the sample collection time 00:01.

The laboratory report was revised on 19 April 2021 to include the QC data for trichlorotrifluoroethane. The revised report was identified as 440-280746-1, Revision 1.

1.0 VOLATILE ORGANIC COMPOUNDS

The samples were analyzed for VOCs per US EPA methods 5030C/8260B.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

- ✓ Overall Assessment
- ✓ Holding Times
- ✓ Method Blank
- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ✓ Surrogate
- ✓ Field Duplicate
- ✓ Trip Blank
- ✓ Sensitivity
- ✓ Electronic Data Deliverable Review

1.1 Overall Assessment

The VOC data reported in this laboratory report are considered usable for supporting project objectives. The results are considered valid; the analytical completeness, defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for the sample set is 100%.

1.2 Holding Time

The holding time for the VOC analysis of a preserved water sample is 14 days from collection to analysis. The holding times were met for the sample analyses.

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Two method blanks were reported (batches 139233 and 139539). VOCs were not detected in the method blanks above the method detection limits (MDLs).

1.4 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

One batch MS/MSD pair was reported. Since these were batch QC, the results do not affect the samples in this data set and qualifications were not applied to the data.

1.5 Laboratory Control Sample (LCS)

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Two LCS/LCS duplicate (LCSD) pairs were reported. The recovery and relative percent difference (RPD) results were within the laboratory specified acceptance criteria.

1.6 Surrogates

The surrogate recoveries were within the laboratory specified acceptance criteria.

1.7 Field Duplicate

One field duplicate sample was collected with the sample set, DUP-2-031821. Acceptable precision (RPD $\leq 30\%$) was demonstrated between the field duplicate and the original sample, P-114-031821.

1.8 Trip Blank

One trip blank, TB-031821, was submitted with the sample set. VOCs were not detected in the trip blank above the MDLs.

1.9 Sensitivity

The sample results were reported to the MDLs. Elevated non-detect results were reported due to the dilutions analyzed.

1.10 Electronic Data Deliverable (EDD) Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

2.0 1,4-DIOXANE

The samples were analyzed for 1,4-dioxane per US EPA methods 3510C/8270C SIM ID.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

- ✓ Overall Assessment
- ✓ Holding Times
- ✓ Method Blank
- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ✓ Surrogates
- ✓ Isotope Dilution Standard
- ✓ Field Duplicate
- ✓ Sensitivity
- ✓ Electronic Data Deliverable Review

2.1 Overall Assessment

The 1,4-dioxane data reported in this laboratory report are considered usable for supporting project objectives. The results are considered valid; the analytical completeness, defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for the sample set is 100%.

2.2 Holding Time

The holding times for the 1,4-dioxane analysis of a water sample are 7 days from collection to extraction and 40 days from extraction to analysis. The holding times were met for the sample analyses.

2.3 Method Blank

Method blanks were analyzed at the proper frequency for the number of samples analyzed (one per batch). One method blank was reported (batch 137935). 1,4-Dioxane was not detected in the method blank above the MDL.

2.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One sample set specific MS/MSD pair, using sample MW-23-031821, was reported. The recovery and RPD results were within the laboratory specified acceptance criteria.

2.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number of samples analyzed (one per batch). One LCS/LCSD pair was reported. The recovery and RPD results were within the laboratory specified acceptance criteria.

2.6 Surrogates

The surrogate recoveries were within the laboratory specified acceptance criteria.

2.7 Isotope Dilution Standard

The isotope dilution standard recoveries were within the laboratory specified acceptance criteria.

2.8 Field Duplicate

One field duplicate sample was collected with the sample set, DUP-2-031821. Acceptable precision (RPD $\leq 30\%$) was demonstrated between the field duplicate and the original sample, P-114-031821.

2.9 Sensitivity

The sample results were reported to the MDLs. Elevated non-detect results were not reported.

2.10 Electronic Data Deliverable Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

* * * * *

ATTACHMENT 1
DATA VALIDATION QUALIFIER DEFINITIONS
AND INTERPRETATION KEY
Assigned by Geosyntec's Data Validation Team

DATA QUALIFIER DEFINITIONS

- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit. Upon application of the U qualifier to a reported result, the definition changes to “not detected at or above the reported result”.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- J+ The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.
- J- The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

ATTACHMENT 2
DATA VALIDATION REASON CODES
Assigned by Geosyntec’s Data Validation Team

Valid Value	Description
1	Preservation requirement not met
2	Analysis holding time exceeded
3	Blank contamination (i.e., method, trip, equipment, etc.)
4	Matrix spike/matrix spike duplicate recovery or RPD outside limits
5	LCS recovery outside limits and RPD outside limits (LCS/LCSD)
6	Surrogate recovery outside limits
7	Field Duplicate RPD exceeded
8	Serial dilution percent difference exceeded
9	Calibration criteria not met
10	Linear range exceeded
11	Internal standard criteria not met
12	Lab duplicates RPD exceeded
13	Other
14	Lab flag removed or modified: no validation qualification required

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

RPD - Relative percent difference

Attachment A

Sodium Permanganate Injection Summary

Attachment B

Field Forms

Attachment C

Laboratory Analytical Reports

Attachment D

Data Validation Reports



OFFICE OF THE DEPUTY DIRECTOR
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SAN DIEGO, CA 92186-5261
(619) 338-2222
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~~Handwritten initials~~
Corrected WP
11-5-93 sent to
11/9/93

SITE ASSESSMENT AND MITIGATION DIVISION
P. O. BOX 85261
SAN DIEGO, CA 92138-5261
(619) 338-2222

November 1, 1993

Dean Charles
Maxwell Labs
8888 Balboa Ave
San Diego, CA 92123-1506

Dear Mr. Charles:

**RE: UNAUTHORIZED RELEASE H23213 (T75)
RELEASE OF OIL AT 3020 CALLAN RD, SAN DIEGO**

The site remediation information submitted to this agency by (CDM) summarizing the site characterization and mitigation activities at the above referenced location has been reviewed. With the provision that the information provided to this agency was accurate and representative of existing conditions, it is the position of this office that **no further action is required at this time.**

This information has also been discussed with staff of the Regional Water Quality Control Board (RWQCB). Based on the information submitted and current requirements, the RWQCB concurs with the determination of this agency that no further action is required at this time.

Please be advised that this letter does not relieve you of any liability under the California Health and Safety Code or Water Code for past, present, or future operations at the site. Nor does it relieve you of the responsibility to clean up existing, additional or previously unidentified conditions at the site which cause or threaten to cause pollution or nuisance or otherwise pose a threat to water quality or public health.

Additionally, be advised that changes in the present or proposed use of the site may require further site characterization and mitigation activity. It is the property owner's responsibility to notify this agency of any changes in report content, future contamination findings, or site usage.

Thank you for your efforts in resolving this matter. Please contact Steven Durham, of the Site Assessment and Mitigation Division, at (619) 338-2373, if you require additional assistance.

Sincerely,

CHUCK PRYATEL, Division Manager
Site Assessment and Mitigation Division

CP:

cc: Donna Schimeck, State Water Resources Control Board
Rosalind Dimenstein, Regional Water Quality Control Board

SITE ASSESSMENT CASE CLOSURE SUMMARY

EHS FILE NUMBER: H23213-001/T75

DATE: November 1, 1993

CASE NAME: S-CUBED

EHS STAFF: Steven Durham

SITE/FACILITY ADDRESS: 3020 CALLAN RD, SAN DIEGO, CA

RESPONSIBLE PARTY: MAXWELL LABORATORIES

8888 BALBOA AVE, SAN DIEGO, CA 92123

CONTACT PERSON:

DEAN CHARLES

PHONE: (619) 279-5100

MAXWELL LABORATORIES

EVALUATION OF SITE ASSESSMENT

TYPE/CAUSE OF RELEASE: On May 15, 1991, an unauthorized release of mineral oil was reported to the HMMD. The unauthorized release was from a (one of several) vertically oriented tank (12" x 20'), which was dedicated to storing radiation source tubes. The radioactive sources were identified as Californium 252 and Cobalt 60. The source tubes were surrounded by mineral oil in the tanks for radiation shielding.

QUANTITY OF RELEASE:

80 gallons

VOLUME OF SOIL CONTAMINATED:

9 cubic yards (estimated by saturation)

CONSULTANT REPORTS ON FILE:

Camp Dresser McKee

Fate & Transport Evaluation of Mineral Oil Release (3/93)

FULL DELINEATION ACHIEVED?

Yes

OFF SITE IMPACTS?

No

BENEFICIAL USE GROUND WATER?

~~Yes~~ No *John*

GROUND WATER IMPACTED?

No

KNOWN PUBLIC HEALTH THREATS?

No

CONCURRENCE WITH RWQCB STAFF:

N/A (Soils Only Case)

CONCURRENCE WITH EHS SUPERVISOR:

John Menatti *JM*

DATE:

CONCURRENCE WITH EHS HYDROGEOLOGIST:

Kevin Heaton *KH*

DATE: 11/3/93

REMEDIATION AND DISPOSAL

TYPE OF REMEDIATION USED AT SITE: None

VOLUME/CONCENTRATION OF CONTAMINATED SOIL REMAINING ONSITE:

CDM estimates (w/ SAM concurrence) that 9 cubic yards of soil remain in-situ. Mineral Oil is 100%, USP Grade (approved for human application and consumption).

ADDITIONAL COMMENTS

The RWQCB and SAM concurred that a release of Mineral Oil would not pose a health risk to life or the environment in this location. However, it was agreed that Mineral Oil may pose a threat to life if it was activated by the radiation source (Californium 252), a neutron-emitter (has enough energy to make nearby substances radioactive, hence the term "activated").

Analysis of oil remaining in the tank, by the Radiation Physicist from Maxwell Labs, indicated the oil was not activated.

A review of the Fate & Transport study indicated that the oil (even though USP Grade) had little potential to migrate to the water table in consideration of geologic conditions. Further, even if the oil were activated, the radiogenic daughters would have reached stability within two years (May 1993). The consultant concluded that there was no risk to life and health from this release.

**Phase II Environmental Due Diligence Site Assessment
Torrey Pines Science Park – Scripps Research Institute
3030, 3040, 3050 Science Park Road
Torrey Pines, San Diego, CA**

August 27, 2019

**Prepared for:
RMR Real Estate Services – a division of The RMR Group
915 L Street, Suite 1250
Sacramento, California 95814**

**Prepared by:
AECOM Technical Services
Two City Center, Suite 200, Portland, ME 04101**

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APPENDIX D Monitoring Well Construction Permit

I. SITE NAME

**Torrey Pines Science Park (the Site)
3030, 3040, 3050 Science Park Road
Torrey Pines, San Diego, CA**

II. EXECUTIVE SUMMARY

In July 2019, AECOM advanced two borings at the Site on behalf of RMR. One boring was completed at the known location of an offset wastewater pipe beneath a walkway west of building 3050 and was constructed as MW-1. The second boring SB-2 was advanced at the historic acid neutralization tanks in the parking area behind building 3040.

Soil samples collected from borings MW-1 and SB-2 soils were analyzed for volatile organic compounds (VOCs) by Environmental Protection Agency (EPA) Method 8260B, semi-volatile organic compounds (SVOCs) by EPA Method, organochloride pesticides by EPA Method 8081A, and metals including mercury by EPA Method. Groundwater sampled from monitoring well MW-1 was analyzed for VOCs by EPA Method 624.1, SVOCs by EPA Method, pesticides by EPA Method 608.3, and metals by EPA Method 200.8.

Soil analytical data collected did not exceed Environmental Screening Levels (ESLs) for Direct Exposure Human Health Risk for Construction Workers at any depth exposure recognized by the California Department of Toxic Substances Control Site Mitigation & Restoration Program - Human and Ecological Risk Office - Human Health Risk Assessment. Groundwater laboratory analytical results were compared to the applicable ESL MCL Priority values. No parameters were detected above laboratory reporting limits.

III. SCOPE OF WORK

Soil and groundwater samples were obtained from soil borings/ monitoring wells to assess subsurface conditions for potential impacts at Site. Analytical parameters for the collection of soil and groundwater samples were selected based on a review of available information regarding Site use and location of known preferential pathway.

Prior to subsurface investigation AECOM coordinated applicable County of San Diego Department of Environmental Health Land and Water Quality Division Monitoring Well Program permitting for the advancement and installation of three (3) monitoring wells. The permit is attached in **Appendix E**.

A Site Layout Map with monitoring well locations is provided as **Figure 1**.

IV. BACKGROUND INFORMATION

AECOM initially visited the Site on May 30, 2019 and met with RMR building management and RMR's plumbing contractor to complete an assessment and documentation of tenant closeout practices, review wastewater practices, and scope accessible wastewater piping with video scoping cameras. Scoping of the wastewater piping that exits the 3050 building at the parking garage level from the cage indicated that the pipe is offset from itself beneath the concrete walking path west of the 3050 building, exposing pipe contents directly to soils. This offset was considered to provide a preferential pathway of wastewater directly to surrounding soils and may represent an environmental concern in the case that chemicals in wastewater transferred from sink drains in the building have infiltrated soil or groundwater due to the piping offset. As a result of the offset pipe finding, RMR requested AECOM complete a subsurface investigation of soil and groundwater to identify possible impacts from offset piping. A historic acid neutralization system for wastewater treatment was also identified in the parking area behind building 3040, and the investigation of soils beneath the system was also requested by RMR.

V. SUBSURFACE INVESTIGATION

Date Drilled:	July 15, 2019 – July 17, 2019
Drilling Method:	Hollow-stem Auger
# of Borings/MWs:	One Boring/one Monitoring well (SB-2 and MW-1, respectively)
Boring Locations:	MW-1 based on location of pipe offset and SB-2 based on former acid neutralization tank. Locations are shown on the Site Layout (Figure 1).
Depths:	MW-1 advanced to 61 feet below ground surface (bgs), SB-2 advanced to 102.4 ft bgs.

MW-1:

Location of boring pre-cleared with hand auger to 10 ft bgs. Boring advanced to 61 ft bgs, water table located at approximately 43 ft bgs. Continuous core samples were collected from 8-25 ft bgs and every 5 ft from 25-61 ft for observation and logging. At the completion of boring, MW-1 was constructed as follows: 20 ft screen 40-60 ft, #2/12 sand 38-61 ft, bentonite chips 35-38 ft, bentonite cement/grout 0-35 ft, and concrete road box well cover at surface. Well construction and boring description are shown in the MW-1 boring log attached in **Appendix C**.

SB-2:

Location of boring pre-cleared with hand auger to 10 ft bgs. Boring advanced to 102.4 ft bgs, aquitard layer penetrated at 96 ft bgs, bringing water into the boring up to 53 ft bgs. Core samples collected 5 ft from 10-102.4 ft for observation and logging. Following sample collection, the borehole was plugged/abandoned by grouting to approximately six inches bgs, with the surface area being restored with concrete patch consistent with preexisting site conditions. Boring description is shown in the SB-2 boring log attached in **Appendix C**.

VI. SOIL CHARACTERIZATION/ANALYSIS

Three samples were collected from each boring advancement. Soil samples collected from borings MW-1 and SB-2 soils were analyzed for volatile organic compounds (VOCs) by Environmental Protection Agency (EPA) Method 8260B, semi-volatile organic compounds (SVOCs) by EPA Method, organochloride pesticides by EPA Method 8081A, and metals including mercury by EPA Method.

Soil samples were selected for laboratory analysis based on locations above and below pipe offset (MW-1) and beneath former acid neutralization tank (SB-2). MW-1 samples were collected at 12 ft bgs, 19 ft bgs, and 30 ft bgs (30 ft bgs sample submitted on hold). SB-2 samples were collected at 10 ft bgs, 20 ft bgs, and 35 ft bgs (35 ft bgs sample submitted on hold). Soil laboratory results were compared to applicable ESLs. Low level of metals was detected in both boring/wells, however all detections were well below ESLs. All other parameters were none detect.

Soil boring logs including PID headspace screening results are provided in **Appendix C**. A summary of the soil analytical results is provided in **Table 1**. Laboratory analytical reports are attached as **Appendix A**.

VII. GROUNDWATER CHARACTERIZATION/ANALYSIS

Groundwater sampled from monitoring well MW-1 was analyzed for VOCs by EPA Method 624.1, SVOCs by EPA Method, pesticides by EPA Method 608.3, and metals by EPA Method 200.8.

The groundwater sample were collected from MW-1 following well development purging by EPA recommended low flow sampling methodology. Groundwater laboratory analytical results were compared to the applicable ESL MCL Priority values. No parameters were detected above laboratory reporting limits.

Groundwater laboratory analytical reports are provided in **Appendix B** and summarized in **Table 2**.

VIII. INVESTIGATION DERIVED WASTE

All waste generated during this investigation will be transported to a licensed waste management facility for disposal by Belshire Environmental Services, Inc. Derived waste was stored in 55-gallon drums beneath parking structure until completion of work. Waste manifests will be provided when they are available to AECOM.

IX. SUMMARY OF FINDINGS

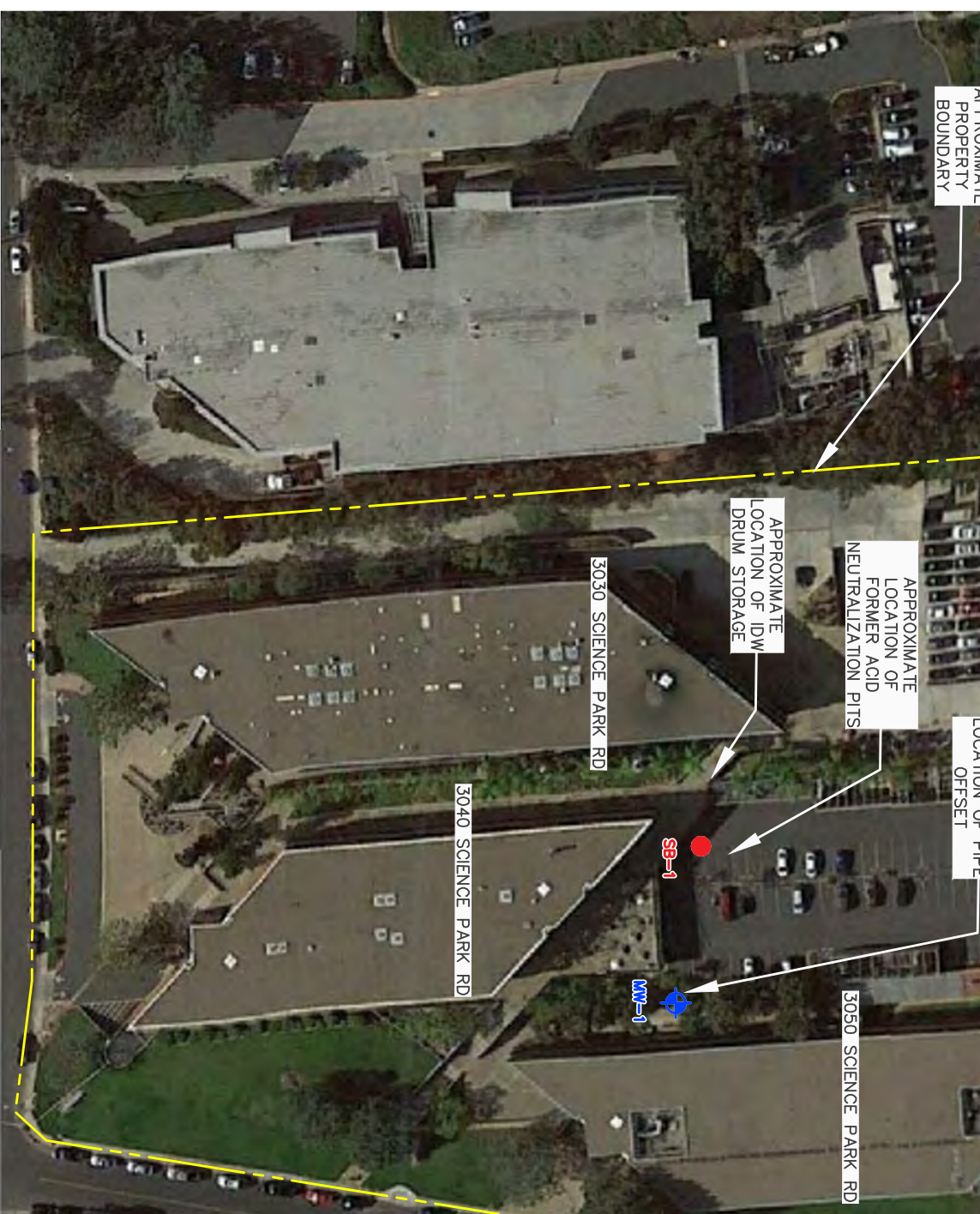
AECOM determined through observation and laboratory analysis of subsurface soils and groundwater at the Site that no constituents of concern were present at or above ESLs. No further action is recommended at this time.

X. LIMITATIONS

AECOM has prepared this Assessment for the sole use of RMR in accordance with the Agreement to Perform Scope of Work. No other warranty, expressed or implied, is made as to the professional advice included in this Assessment or any other services provided by us. This Assessment may not be relied upon by any other party without the prior and express written agreement of AECOM. Unless otherwise stated in this Assessment, the assessments made assume that the sites and facilities will continue to be used for their current purpose without significant change. The findings contained in this Assessment are based upon information provided by others and upon the assumption that all relevant information has been provided by those parties from whom it has been requested.

Where field investigations have been carried out, these have been restricted to a level of detail required to achieve the stated objectives of the services. The results of any measurements taken may vary spatially or with time and further confirmatory measurements should be made after any significant delay in using this Assessment.

FIGURE



- SOIL BORING LOCATION
- MONITORING WELL LOCATION

SOURCE: GOOGLE EARTH PROFESSIONAL, IMAGERY DATE: 12/7/2017



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PROJECT NO:		60607326	
DESIGN:	ARP	SCALE:	AS SHOWN
APPROVED:	CG	DATE:	AUG 2019
DRAWN:	ARP	FILE NO:	Torrey Pines Phase Lidg

CLIENT:	RMR REAL
PROJECT:	3030, TORREY PI 3040, 3050 TORREY PIN

TABLES

Table 1
Analytical Soil Results
Torrey Pines Science Park

SAMPLE ID	METHOD	ANALYTE	CONCENTRATION	DETECTION LIMIT	UNITS	Environmental Screening Level (mg/kg) *	
MW-1-12	6010B	Arsenic	ND L	0.743	mg/Kg	1.0	
	6010B	Barium	50.1	0.495	mg/Kg	3000	
	6010B	Beryllium	0.481	0.248	mg/Kg	27	
	6010B	Cadmium	0.680	0.495	mg/Kg	51	
	6010B	Chromium (total)	7.76	0.248	mg/Kg	1600	
	6010B	Cobalt	2.66	0.248	mg/Kg	490	
	6010B	Copper	2.03	0.495	mg/Kg	14000	
	6010B	Lead	1.41	0.495	mg/Kg	160	
	6010B	Molybdenum	ND L	0.248 L	mg/Kg	1800	
	6010B	Nickel	2.60	0.248	mg/Kg	86	
	6010B	Selenium	ND	0.743	mg/Kg	1700	
	6010B	Silver	ND	0.248	mg/Kg	1800	
	6010B	Thallium	ND	0.743	mg/Kg	3.5	
	6010B	Vanadium	28.6	0.248	mg/Kg	470	
	6010B	Zinc	4.07	0.990	mg/Kg	110000	
	6010B	Antimony	0.871	0.743	mg/Kg	50	
	7471A	Mercury	ND	0.0833	mg/Kg	44	
	8081A	4,4'-DDT	ND	5.0	ug/Kg	57	
	8260B	1,1,1-Trichloroethane	ND H	0.7	ug/Kg	240	
	8260B	1,2-Dichloroethane	ND H	0.7	ug/Kg	45	
	8260B	Benzene	ND H	0.7	ug/Kg	33	
	8260B	Carbon tetrachloride	ND H	0.7	ug/Kg	53	
	8260B	Chloroform	ND H	0.7	ug/Kg	34	
	8260B	Methylene Chloride	ND H	7	ug/Kg	490	
	8260B	Toluene	ND H	0.7	ug/Kg	4700	
	8270C	2,4-Dinitrophenol	ND	2.0	mg/Kg	1100	
	8270C	4-Nitrophenol	ND	0.49	mg/Kg	NA	
	8270C	Di-n-butyl phthalate	ND	0.49	mg/Kg	NA	
	8270C	Phenol	ND	0.49	mg/Kg	98000	
	MW-1-19	6010B	Arsenic	4.94	0.754	mg/Kg	1.0
		6010B	Barium	112	0.503	mg/Kg	3000
		6010B	Beryllium	0.653	0.251	mg/Kg	27
6010B		Cadmium	1.05	0.503	mg/Kg	51	
6010B		Chromium	6.03	0.251	mg/Kg	1600	
6010B		Cobalt	2.15	0.251	mg/Kg	490	
6010B		Copper	3.43	0.503	mg/Kg	14000	
6010B		Lead	7.63	0.503	mg/Kg	160	
6010B		Molybdenum	ND	0.251	mg/Kg	1800	
6010B		Nickel	4.62	0.251	mg/Kg	86	
6010B		Selenium	ND L	0.754	mg/Kg	1700	
6010B		Silver	ND	0.251	mg/Kg	1800	
6010B		Thallium	ND	0.754	mg/Kg	3.5	
6010B		Vanadium	28.8	0.251	mg/Kg	470	
6010B		Zinc	17.3	1.01	mg/Kg	110000	
6010B		Antimony	ND	0.754	mg/Kg	50	
7471A		Mercury	ND	0.0820	mg/Kg	44	
8081A		4,4'-DDT	ND F2	4.9	ug/Kg	57	
8260B		1,1,1-Trichloroethane	ND H	0.84	ug/Kg	240	
8260B		1,2-Dichloroethane	ND H	0.84	ug/Kg	45	
8260B		Benzene	ND H	0.84	ug/Kg	33	
8260B		Carbon tetrachloride	ND H	0.84	ug/Kg	53	
8260B		Chloroform	ND H	0.84	ug/Kg	34	
8260B		Methylene Chloride	ND H	8.4	ug/Kg	490	
8260B		Toluene	ND H	0.84	ug/Kg	4700	
8270C		2,4-Dinitrophenol	ND	2.0	mg/Kg	1100	
8270C		4-Nitrophenol	ND	0.49	mg/Kg	NA	
8270C		Di-n-butyl phthalate	ND	0.49	mg/Kg	NA	
8270C		Phenol	ND	0.49	mg/Kg	98000	
SB-2-10		6010B	Arsenic	ND	0.728	mg/Kg	1.0
		6010B	Barium	9.56	0.485	mg/Kg	3000
		6010B	Beryllium	0.340	0.243	mg/Kg	27
	6010B	Cadmium	ND	0.485	mg/Kg	51	
	6010B	Chromium	4.62	0.243	mg/Kg	1600	
	6010B	Cobalt	2.15	0.243	mg/Kg	490	
	6010B	Copper	1.97	0.485	mg/Kg	14000	
	6010B	Lead	0.881	0.485	mg/Kg	160	
	6010B	Molybdenum	ND	0.243	mg/Kg	1800	
	6010B	Nickel	1.65	0.243	mg/Kg	86	
	6010B	Selenium	ND	0.728	mg/Kg	1700	
	6010B	Silver	ND	0.243	mg/Kg	1800	
	6010B	Thallium	ND	0.728	mg/Kg	3.5	
	6010B	Vanadium	18.7	0.243	mg/Kg	470	
	6010B	Zinc	1.65	0.971	mg/Kg	110000	
	6010B	Antimony	ND	0.728	mg/Kg	50	
	7471A	Mercury	ND	0.0833	mg/Kg	44	
	8081A	4,4'-DDT	ND	4.9	ug/Kg	57	
	8260B	1,1,1-Trichloroethane	ND H	0.89	ug/Kg	240	
	8260B	1,2-Dichloroethane	ND H	0.89	ug/Kg	45	
	8260B	Benzene	ND H	0.89	ug/Kg	33	
	8260B	Carbon tetrachloride	ND H	0.89	ug/Kg	53	
	8260B	Chloroform	ND H	0.89	ug/Kg	34	
	8260B	Methylene Chloride	ND H	8.9	ug/Kg	490	
	8260B	Toluene	ND H	0.89	ug/Kg	4700	
	8270C	2,4-Dinitrophenol	ND	2.0	mg/Kg	1100	
	8270C	4-Nitrophenol	ND	0.50	mg/Kg	NA	
	8270C	Di-n-butyl phthalate	ND	0.50	mg/Kg	NA	
	8270C	Phenol	ND	0.50	mg/Kg	98000	

**Table 1
Analytical Soil Results
Torrey Pines Science Park**

SB-2-20	6010B	Arsenic	6.98	0.754	mg/Kg	1.0
	6010B	Barium	111	0.503	mg/Kg	3000
	6010B	Beryllium	0.934	0.251	mg/Kg	27
	6010B	Cadmium	1.80	0.503	mg/Kg	51
	6010B	Chromium	10.5	0.251	mg/Kg	1600
	6010B	Cobalt	7.08	0.251	mg/Kg	490
	6010B	Copper	11.7	0.503	mg/Kg	14000
	6010B	Lead	7.87	0.503	mg/Kg	160
	6010B	Molybdenum	ND	0.251	mg/Kg	1800
	6010B	Nickel	12.2	0.251	mg/Kg	86
	6010B	Selenium	ND L	0.754	mg/Kg	1700
	6010B	Silver	ND	0.251	mg/Kg	1800
	6010B	Thallium	ND L	0.754	mg/Kg	3.5
	6010B	Vanadium	31.9	0.251	mg/Kg	470
	6010B	Zinc	39.1	1.01	mg/Kg	110000
	6010B	Antimony	ND	0.754	mg/Kg	50
	7471A	Mercury	ND	0.0820	mg/Kg	44
	8081A	4,4'-DDT	ND	5.0	ug/Kg	57
	8260B	1,1,1-Trichloroethane	ND H	0.75	ug/Kg	240
	8260B	1,2-Dichloroethane	ND H	0.75	ug/Kg	45
	8260B	Benzene	ND H	0.75	ug/Kg	33
	8260B	Carbon tetrachloride	ND H	0.75	ug/Kg	53
	8260B	Chloroform	ND H	0.75	ug/Kg	34
	8260B	Methylene Chloride	ND H	7.5	ug/Kg	490
	8260B	Toluene	ND H	0.75	ug/Kg	4700
	8270C	2,4-Dinitrophenol	ND	2.0	mg/Kg	1100
	8270C	4-Nitrophenol	ND	0.50	mg/Kg	NA
	8270C	Di-n-butyl phthalate	ND	0.50	mg/Kg	NA
	8270C	Phenol	ND	0.50	mg/Kg	98000

NOTE:

ND - Not Detected above laboratory reporting limit

H - Sample was prepped or analyzed beyond the specified holding time by laboratory analyst delay

L - A negative instrument reading had an absolute value greater than the reporting limit

F2 - MS/MSD RPD exceeds control limits

* - Construction worker standard for any land use/any depth soil exposure limit, more conservative value of cancer risk vs. non-cancer risk used when both are presented for constituent.

NA - exposure limit not published

Table 2
 Analytical Groundwater Results
 Torrey Pines Science Park

SAMPLE ID	METHOD	ANALYTE	CONCENTRATION	DETECTION LIMIT	UNITS	MCL (ug/L)
MW-1	200.8	Zinc, Total Recoverable	ND	0.0500	mg/L	5000
	608.3	4,4'-DDT	ND	0.0096	ug/L	23
	624.1	1,1,1-Trichloroethane	ND	1.0	ug/L	200
	624.1	1,2-Dichloroethane	ND	0.50	ug/L	50
	624.1	Benzene	ND	0.50	ug/L	1
	624.1	Carbon tetrachloride	ND	0.50	ug/L	0.5
	624.1	Chloroform	ND	1.0	ug/L	80
	624.1	Methylene Chloride	ND	2.0	ug/L	5
	624.1	Toluene	ND	1.0	ug/L	40
	625.1	2,4-Dinitrophenol	ND	48	ug/L	46
	625.1	4-Nitrophenol	ND	9.6	ug/L	NA
	625.1	Di-n-butyl phthalate	ND	9.6	ug/L	NA
	625.1	Phenol	ND	9.6	ug/L	4200

NOTE:

ND - Not Detected above laboratory reporting limit

MCL - Maximum Contaminant Level Tier 1 values used for ESL

NA - MCL value not published



APPENDIX E

Historical Research Documentation

11011 Torreyana Road

11011 Torreyana Road
San Diego, CA 92121

Inquiry Number: 7201541.5

December 13, 2022

The EDR-City Directory Abstract

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SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1903 through 2017. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2017	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
2014	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
2009	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
2006	Haines Company, Inc.	-	X	X	X
2004	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
2000	Haines Company, Inc.	-	X	X	-

EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2000	Haines Company, Inc.	X	X	X	-
1999	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
1995	PACIFIC BELL WHITE PAGES	-	X	X	-
1994	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
1992	PACIFIC BELL WHITE PAGES	-	X	X	-
1991	PACIFIC BELL WHITE PAGES	-	X	X	-
1989	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1985	PACIFIC BELL WHITE PAGES	-	X	X	-
1984	R. L. Polk & Co.	-	X	X	X
	R. L. Polk & Co.	X	X	X	X
1980	R. L. Polk & Co.	-	X	X	X
1976	Luskey Brothers & Co., Inc.	-	-	-	-
1975	R. L. Polk Co.	-	-	-	-
1971	Community Directory Co.	-	-	-	-
1970	John M. Ducey	-	-	-	-
1966	R. L. Polk Co.	-	-	-	-
1965	Luskey Brothers Co., Inc.	-	-	-	-
1962	Community Directory Co.	-	-	-	-
1961	R. L. Polk & Co.	-	-	-	-
1960	The Pacific Telephone Telegraph Co.	-	-	-	-
1956	R. L. Polk & Co.	-	-	-	-
1955	R. L. Polk & Co.	-	-	-	-
1952	R. L. Polk & Co. of California	-	-	-	-
1950	The Pacific Telephone & Telegraph Co.	-	-	-	-
1948	San Diego Directory Co.	-	-	-	-
1945	San Diego Directory Co.	-	-	-	-
1943	San Diego Directory Co.	-	-	-	-
1940	San Diego Directory Co.	-	-	-	-
1938	San Diego Directory Co.	-	-	-	-
1933	San Diego Directory Co.	-	-	-	-
1927	San Diego Directory Co.	-	-	-	-
1921	San Diego Directory Co. Inc.	-	-	-	-
1907	San Diego Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1903	San Diego Directory Co.	-	-	-	-

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EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

<u>Address</u>	<u>Type</u>	<u>Findings</u>
Callan Road	Client Entered	
Road to the Cure	Client Entered	
Science Park Road	Client Entered	
North Torrey Pines Place	Client Entered	
North Torrey Pines Road	Client Entered	

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

11011 Torreyana Road
San Diego, CA 92121

FINDINGS DETAIL

Target Property research detail.

TORREYANA RD

11011 TORREYANA RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	CROWN BIO SCIENCES	Cole Information Services
	FORMEX LLC	Cole Information Services
	GENLANTIS	Cole Information Services
2014	FORMEX LLC	Cole Information Services
	GENLANTIS	Cole Information Services
2009	IDEC PHARMACEUTICAL CORP	Cole Information Services
2004	TERRY BOOSE	Cole Information Services
2000	IDEC PHARMCTCL CORP	Haines Company, Inc.
1999	IDEC PHARMA CEUTICALS CORPORATION	Cole Information Services
1994	IDEC PHARMA CEUTICALS	Cole Information Services
1989	Jaycor	Cole Information Services
1984	Jaycor scientific research & dev	R. L. Polk & Co.

Image pg. A3

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

CALLAN RD

3020 CALLAN RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2014	CYTOTI THERAPEUTICS	Cole Information Services	
2009	CYTORI THERAPEUTICS INC	Cole Information Services	
2006	MACROPORE BIOSURGERY	Haines Company, Inc.	Image pg. A1
1992	S Cubed A Division Of Maxwell Laboratories Inc	PACIFIC BELL WHITE PAGES	

3030 CALLAN RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2017	NEXBIO INC	Cole Information Services	
	HCP CALLAN RD LLC	Cole Information Services	
2014	HCP CALLAN RD LLC	Cole Information Services	
	NEXBIO INC	Cole Information Services	
2009	IDEC PHARMACEUTICALS CORP	Cole Information Services	
2006	IDEC PHARMACEUTICALS	Haines Company, Inc.	Image pg. A1
2004	ROBERT PEACH	Cole Information Services	
	IDEC PHARMACEUTICAL CORP	Cole Information Services	
	ANGELA JIROUSEK	Cole Information Services	
	JOHN WALLER	Cole Information Services	
1992	Main Ofc	PACIFIC BELL WHITE PAGES	
	Nichols Research Corp	PACIFIC BELL WHITE PAGES	
	Nichols Richard E	PACIFIC BELL WHITE PAGES	

TORREYANA RD

10966 TORREYANA RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	Todd AM	PACIFIC BELL WHITE PAGES
	Todd A B	PACIFIC BELL WHITE PAGES

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	Todd A	PACIFIC BELL WHITE PAGES
	Today's Racing Digest	PACIFIC BELL WHITE PAGES
1991	Today's Racing Digest	PACIFIC BELL WHITE PAGES
1989	Today's Racing Digest	Pacific Bell
1985	TODAY S RACING DIGEST	PACIFIC BELL WHITE PAGES

10968 TORREYANA RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	TODAY S RACING DIG	Haines Company, Inc.

10975 TORREYANA RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2006	PHARMINGEN	Haines Company, Inc.	Image pg. A2
	CLARUS ENERGY PARTNERS LP	Haines Company, Inc.	Image pg. A2
	EMON LP	Haines Company, Inc.	Image pg. A2
2000	XXXX	Haines Company, Inc.	
1992	Occupational Services Inc	PACIFIC BELL WHITE PAGES	
	MR Associates	PACIFIC BELL WHITE PAGES	
	Idanta Partners	PACIFIC BELL WHITE PAGES	
	Foster Gregory & Anne	PACIFIC BELL WHITE PAGES	
	Foster Green Hubbard & Kane	PACIFIC BELL WHITE PAGES	
	Arevalo A	PACIFIC BELL WHITE PAGES	
	Arete Associates	PACIFIC BELL WHITE PAGES	
1989	Ramco Inc	Cole Information Services	
	Applied Concepts Inc	Cole Information Services	
	Gold Dot	Cole Information Services	
	L & Y Interests Inc	Cole Information Services	
	Marinco Inc	Cole Information Services	
1984	Verac Incorporated research & development	R. L. Polk & Co.	Image pg. A3
	Advanced Digital Systems Inc software	R. L. Polk & Co.	Image pg. A3
	Ramco Incorporated eng consultants	R. L. Polk & Co.	Image pg. A3
	Office Building	R. L. Polk & Co.	Image pg. A3

FINDINGS

10995 TORREYANA RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2004	CLARUS ENERGY PARTNERS LP	Cole Information Services	
2000	XXXX	Haines Company, Inc.	
1985	TRW-FUJITSU CO	PACIFIC BELL WHITE PAGES	
1984	Fujitsu Systems Of America Inc softw are	R. L. Polk & Co.	Image pg. A3

10996 TORREYANA RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	ALEXANDRIA REAL ESTATE	Cole Information Services
2004	BIOGEN IDEC INC	Cole Information Services
2000	SOFTWARE REPORTS	Haines Company, Inc.
	VIDEOLOG DIVISION	Haines Company, Inc.
	MODERN PLUMBING	Haines Company, Inc.
	LASERLOG DIVISION	Haines Company, Inc.
	ELECTRL DIVISION	Haines Company, Inc.
	CLIMATE CONTROL	Haines Company, Inc.
	TRADE SERVICE CORP	Haines Company, Inc.
	PHONOLOG PBLSHNG	Haines Company, Inc.
	CATALOG DIV	Haines Company, Inc.
	BIDDLE PUBLISHNG DIV	Haines Company, Inc.
1999	CATALOG DIVISION TRADE SERVICE CORPORATION	Cole Information Services
	VIDEOLOG DIVISION TRADE SERVICE CORPORATION	Cole Information Services
	LASERLOG DIVISION TRADE SERVICE CORPORATION	Cole Information Services
	BIDDLE PUBLISHING DIVISION TRADE SERVICE CORPORATION	Cole Information Services
	MODERN PLUMBING DIVISION TRADE SERVICE CORPORATION	Cole Information Services
	ELECTRICAL DIVISION TRADE SERVICE CORPORATION	Cole Information Services
	CLIMATE CONTROL DIVISION TRADE SERVICE CORPORATION	Cole Information Services
	PHONOLOG PUBLISHING DIVISION TRADE SERVICE CORPORATION	Cole Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
1999	TRADE SERVICE CORPORATION	Cole Information Services	
1994	TRADE SERVICE CORP	Cole Information Services	
1992	Videolog Division Trade Service Corporation	PACIFIC BELL WHITE PAGES	
	Biddle Publishing Division Trade Service Corporation	PACIFIC BELL WHITE PAGES	
	Catalog Division Trade Service Corporation	PACIFIC BELL WHITE PAGES	
	Corporation	PACIFIC BELL WHITE PAGES	
	Electrical Contractor Computer Sales Division Trade Service Corporation	PACIFIC BELL WHITE PAGES	
	Electrical Division Trade Service Corporation	PACIFIC BELL WHITE PAGES	
	Laserlog Division Trade Service Corporation	PACIFIC BELL WHITE PAGES	
	Modern Plumbing Division Trade Service Corporation	PACIFIC BELL WHITE PAGES	
	Corporation	PACIFIC BELL WHITE PAGES	
	Software Reports	PACIFIC BELL WHITE PAGES	
	Trade Service Corporation	PACIFIC BELL WHITE PAGES	
1989	Biddle Publishing Division Trade Service Corporation	Cole Information Services	
	Catalog Division Trade Service Corporation	Cole Information Services	
	Climate Control Division Trade Service Corporation	Cole Information Services	
	Electrical Contractor Computer Sales Division Trade Service Corporation	Cole Information Services	
	Electrical Division Trade Service Corporation	Cole Information Services	
	Laserlog Division Trade Service Corporation	Cole Information Services	
	Modern Plumbing Division Trade Service Corporation	Cole Information Services	
	Phonolog Publishing Division Trade Service Corporation	Cole Information Services	
	Software Reports	Cole Information Services	
	Trade Service Corporation	Cole Information Services	
1984	Trade Service Publications Inc trade magazine publ	R. L. Polk & Co.	Image pg. A3

11010 TORREYANA RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	VERTEX PHARMACEUTICALS	Cole Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2014	VERTEX PHARMA CEUTICALS	Cole Information Services	
2009	CHARLES J COHEN	Cole Information Services	
	NCR CORP	Cole Information Services	
2006	VERTEX PHARMA CEUTICALS	Haines Company, Inc.	Image pg. A2
2004	CAROLINE DECKER	Cole Information Services	
	VERTEX PHARMA CEUTICAL INC	Cole Information Services	
2000	AURORA BIOSCIENCES CORP	Haines Company, Inc.	
1999	AURORA BIOSCIENCES CORPORATION	Cole Information Services	
1992	Teradyne Connection Systems Inc	PACIFIC BELL WHITE PAGES	
	N CRTeradata	PACIFIC BELL WHITE PAGES	
	Teradata N CR	PACIFIC BELL WHITE PAGES	
1985	MAIN OFFICE	PACIFIC BELL WHITE PAGES	
1984	N C R Systems Engineering softw are engs	R. L. Polk & Co.	Image pg. A3

11085 TORREYANA RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2000	XXXX	Haines Company, Inc.	
1984	Hybritech Incorporated med diagnostic kits mfr	R. L. Polk & Co.	Image pg. A3

11095 TORREYANA RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2009	PFIZER GLOBAL R & D	Cole Information Services	
2004	AGONRON PHARMACY	Cole Information Services	
	OCCUPANT UNKNOWN	Cole Information Services	
2000	XXXX	Haines Company, Inc.	
1995	Hybritech Inc	PACIFIC BELL WHITE PAGES	
1994	HYBRITECH INC	Cole Information Services	
1992	Main Ofc	PACIFIC BELL WHITE PAGES	
1991	Hybritech Inc Main Ofc	PACIFIC BELL WHITE PAGES	
	Hycner Richard H Ph D.....	PACIFIC BELL WHITE PAGES	
1984	Management Analysis Co management consultants	R. L. Polk & Co.	Image pg. A3
1980	Management Analysis Co mgmt consultants	R. L. Polk & Co.	Image pg. A4
		R. L. Polk & Co.	Image pg. A4

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
Callan Road	2017, 2014, 2009, 2006, 2004, 2000, 1999, 1995, 1994, 1992, 1991, 1989, 1985, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
North Torrey Pines Place	2017, 2014, 2009, 2006, 2004, 2000, 1999, 1995, 1994, 1992, 1991, 1989, 1985, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
North Torrey Pines Road	2017, 2014, 2009, 2006, 2004, 2000, 1999, 1995, 1994, 1992, 1991, 1989, 1985, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
Road to the Cure	2017, 2014, 2009, 2006, 2004, 2000, 1999, 1995, 1994, 1992, 1991, 1989, 1985, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
Science Park Road	2017, 2014, 2009, 2006, 2004, 2000, 1999, 1995, 1994, 1992, 1991, 1989, 1985, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
10966 TORREYANA RD	2017, 2014, 2009, 2006, 2004, 2000, 1999, 1995, 1994, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
10968 TORREYANA RD	2017, 2014, 2009, 2006, 2004, 1999, 1995, 1994, 1992, 1991, 1989, 1985, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
10975 TORREYANA RD	2017, 2014, 2009, 2004, 1999, 1995, 1994, 1991, 1985, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
10995 TORREYANA RD	2017, 2014, 2009, 2006, 2004, 1999, 1995, 1994, 1992, 1991, 1989, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
10995 TORREYANA RD	2017, 2014, 2009, 2006, 2000, 1999, 1995, 1994, 1992, 1991, 1989, 1985, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
10996 TORREYANA RD	2017, 2014, 2009, 2006, 2004, 1999, 1995, 1994, 1991, 1985, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
10996 TORREYANA RD	2014, 2009, 2006, 2000, 1995, 1992, 1991, 1989, 1985, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
11010 TORREYANA RD	2006, 2000, 1995, 1994, 1992, 1991, 1989, 1985, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
11010 TORREYANA RD	2017, 2014, 2009, 2004, 1999, 1995, 1994, 1991, 1989, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903

FINDINGS

Address Researched

Address Not Identified in Research Source

11085 TORREYANA RD	2017, 2014, 2009, 2006, 2004, 1999, 1995, 1994, 1992, 1991, 1989, 1985, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
11095 TORREYANA RD	2017, 2014, 2009, 2006, 2004, 1999, 1994, 1989, 1985, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
11095 TORREYANA RD	2017, 2014, 2006, 2000, 1999, 1995, 1992, 1991, 1989, 1985, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
3020 CALLAN RD	2017, 2006, 2004, 2000, 1999, 1995, 1994, 1992, 1991, 1989, 1985, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
3020 CALLAN RD	2017, 2014, 2009, 2004, 2000, 1999, 1995, 1994, 1991, 1989, 1985, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
3030 CALLAN RD	2017, 2014, 2009, 2004, 2000, 1999, 1995, 1994, 1991, 1989, 1985, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
3030 CALLAN RD	2006, 2000, 1999, 1995, 1994, 1992, 1991, 1989, 1985, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched

11011 Torreyana Road

Address Not Identified in Research Source

2006, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903

Source Page Images Appendix

CALLAN RD 2006

THE HAINES COMPANY DIRECTORY

120 CALIFORNIA ST

SAN DIEGO NORTH

2006

824 ATKINSON William OO 2
X LUCKY ST
907 XXXX OO
800 GOSH Jan 760-439-8979 4

X MARSHALL ST
1001 LASLO Margot OO
1004 JONES Helen W 760-406-8015

X STEWART ST
1201 GURETTI Rick 760-433-8343
1204 SABATINO James 760-231-7676

X HUNSAKER ST
1806 FERROCCETTI Robert 760-961-7663
1811 FERROCCETTI Robert 760-961-7663

X RIDGESTWAY ST
1939 OCEANUS SC 760-797-0337
PALMIST
1940 PALMIST
1941 PALMIST

X DOWNS ST
2210 MASSEBROCK Chris 760-221-7696 4
2217 MAYO Teresa OO
2241 Dini Michael OO

X MOLLY CIR
2269 KROM Jeffrey OO +6

X AVOCADO RD
2308 MONTERO Joe 760-439-2822
2310 MONTERO Joe 760-439-2822

X FRENCH CT
2171 BUIS 132 RES 12 NEW
CALIFORNIA STATE
UNIVERSITY 92069
SAN MARCOS

X N BURGHOUSES ST
322 SANCHEZ William OO 4
X N HORENO ST
1501 Hery OO

X CALISTOGA DR
3102 PERCY Steven OO 8
1104 XXXX OO
1105 WOREHEAD Carlo OO 4

CALINA WAY 92009
CARLSBAD
7711 XXXX OO
7712 XXXX OO
7713 XXXX OO

CALINDA WAY 92083
VISTA
2120 ANGELES Eduardo C 760-734-1695 4

X VISTA VICENTE DR
1590 XXXX OO
1591 BRENNAN Wanda 760-787-1681 4

X CALISTOGA PL 92065
RAMONA
23401 XXXX OO
23402 ROHMANN Michael OO 4

X BARONA MESA WAY
23221 COURTYER Blake OO +6
23222 COURTYER Blake OO +6

X CALISTOGA DR
3102 PERCY Steven OO 8
1104 XXXX OO
1105 WOREHEAD Carlo OO 4

X CALISTOGA DR
3102 PERCY Steven OO 8
1104 XXXX OO
1105 WOREHEAD Carlo OO 4

X CALISTOGA DR
3102 PERCY Steven OO 8
1104 XXXX OO
1105 WOREHEAD Carlo OO 4

X CALISTOGA DR
3102 PERCY Steven OO 8
1104 XXXX OO
1105 WOREHEAD Carlo OO 4

X CALISTOGA DR
3102 PERCY Steven OO 8
1104 XXXX OO
1105 WOREHEAD Carlo OO 4

CALLADO RD 92128
SAN DIEGO
X ACENA DR
11901 XXXX OO
11911 SHEETS Kenneth OO 4

X CALLEO CT
11921 XXXX OO
11922 XXXX OO
11923 XXXX OO

X BOLEO DR
12017 HETTING Thomas OO +6
12018 HETTING Thomas OO +6

X CASERO RD
12121 ASBOURN Jeanette 888-818-1571 4
12122 ASBOURN Jeanette 888-818-1571 4

X DUNHAM WAY
13000 CARANZA Hector OO 0
13001 CARANZA Hector OO 0

X CALLEO CT 92128
SAN DIEGO
12920 YOUNG Scott OO +6
12921 YOUNG Scott OO +6

X CALLEO CT
12920 YOUNG Scott OO +6
12921 YOUNG Scott OO +6

CALLE ACERVO 92009
CARLSBAD
WELTH CODE 8
8000 OLIVENHAIN PNR 760-843-2000

CALLE ADELTA 92069
SAN MARCOS
WELTH CODE 4
315 TUCK Daniel 760-462-7203

CALLE ALHENA (02)
92009 CARLSBAD
WELTH CODE 6
3004 ERINIEN Wilson 760-432-8611 2

X PIRAGUA ST
7305 MARSHALL Gary 760-628-8680

CALLE ALTA 92037
LA JOLLA
WELTH CODE 4
1527 ALONSO Leonard F Col 888-271-1278

CALLE AMANACER (05)
RANCHO SANTA FE
P O BOXES ONLY
NO DELIVERY BY ADDRESS

CALLE AMBIENTE (05)
92067 RANCHO SANTA FE
P O BOXES ONLY
NO DELIVERY BY ADDRESS

CALLE AMISTAD DR
92065 RAMONA
WELTH CODE 7
317 MORTON Chantia 760-788-2921 +6

CALLE ANA 92064
PAINWAY
WELTH CODE 9
16408 BANK JAB OO +6

CALLE ANACAPA 92024
ENCINITAS
WELTH CODE 8
1911 RUIHE Robert OO 8

CALLE ANDALUCIA
92130 SAN DIEGO
WELTH CODE 4
7731 TSAI Angela 760-942-3548 +6

CALLE ANTONIO 92084
VISTA
WELTH CODE 6
1807 SHELTON Debbie 760-734-7785 3

CALLE AQUERO (02)
92057 OCEANSIDE
WELTH CODE 4
4964 KING Eric 760-967-2373 4

CALLE AQUERO (02)
92057 OCEANSIDE
WELTH CODE 4
4964 KING Eric 760-967-2373 4

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TORREYANA RD 2006

SAN DIEGO NORTH

THE HAINES COMPANY DIRECTORY

2006

793 TORTILLA CIR

2917 BENTON Edward M 858-453-3826
2918 WATERS James 00 0
2919 ... 858-453-3826
2920 MACFARLANE D 858-453-8765
2921 ... 858-453-1344
2922 ... 858-453-0867
2923 ... 858-453-1178
2924 ... 858-453-2222
2925 ... 858-453-2222
2926 ... 858-453-2222
2927 ... 858-453-2222
2928 ... 858-453-2222
2929 ... 858-453-2222
2930 ... 858-453-2222

X GLENBROOK WAY
3900 ... 858-671-9779
... 858-671-9779
... 858-671-9779

X LA JOLLA VILLAGE DR
NO # FISHER B 858-453-0884
... 858-453-0884

N TORREY PINES RD
92037 LA JOLLA
WEALTH CODE 7
600 ... 858-534-3400
... 858-534-3400

X SALK INSTITUTE RD
10007 ... 858-562-2010
... 858-562-2010
... 858-562-2010

MIDDLEFIELD 858-556-2914
MUNASAGA D 858-556-3568
OLESEN P 858-457-8224
... 858-558-9086
... 858-558-9086
... 858-558-9086
... 858-558-9086
... 858-558-9086

X SALK INSTITUTE RD
10001 ... 858-452-0656
... 858-452-0656
... 858-452-0656

X LA JOLLA SHORES DR
C BUS 4 RES 2 NEW
TORREY PINES TER
92014 DEL MAR
WEALTH CODE 7

X OCEAN VIEW AVE
X OCEAN VIEW AVE
209 ... 858-755-8665
... 858-755-8665
... 858-755-8665

* JAMES S MD 858-455-9100
* HAYTH HANG R 858-455-9100
* JENSON WALTER L 858-455-9100
* JOE SHARON MD 858-455-9100
* JOHNSON ALLEN D 858-455-9100
* JOHNSON ARTHUR 858-455-9100
* JONES EDGAR MD 858-455-9100
* KAHN BRUCE J MD 858-455-9100
* KASERBAUM 858-455-9100
* KATZMUTH MARY A 858-455-9100
* KAWA MA W D 858-455-9100
* KEHR HENRY 858-455-9100
* KYRIAKOS 858-455-9100
* KING ANDREW J MD 858-455-9100
* KING ANDREW J MD 858-455-9100
* KING ANDREW J MD 858-455-9100
* KING ANDREW J MD 858-455-9100
* KING ANDREW J MD 858-455-9100

* 247 BUS 32 RES 13 NEW
N TORREY PINES RD
92093 LA JOLLA
WEALTH CODE 3

X SALK INSTITUTE RD
10001 ... 858-452-0656
... 858-452-0656
... 858-452-0656

X OCEAN VIEW AVE
X OCEAN VIEW AVE
209 ... 858-755-8665
... 858-755-8665
... 858-755-8665

* TERSTEN PAUL S 858-455-9100
* THOMPSON JOHN S 858-455-9100
* THORNTON DENNIS 858-455-9100
* TRAM MICHAEL Q 858-455-9100
* TRIFUN DOUGLAS 858-455-9100
* TRIFUN DOUGLAS 858-455-9100
* TRIFUN DOUGLAS 858-455-9100
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C BUS 4 RES 2 NEW
TORREY PINES TER
92014 DEL MAR
WEALTH CODE 7

X OCEAN VIEW AVE
X OCEAN VIEW AVE
209 ... 858-755-8665
... 858-755-8665
... 858-755-8665

* COX DAVID 858-258-1500
C BUS 13 RES 0 NEW
TORREY POINT RD
92014 DEL MAR
WEALTH CODE 7
404 ... 858-733-0136
423 ... 858-455-9100
429 ... 858-455-9100
430 ... 858-455-9100
431 ... 858-455-9100
432 ... 858-455-9100
433 ... 858-455-9100
434 ... 858-455-9100
435 ... 858-455-9100
436 ... 858-455-9100
437 ... 858-455-9100

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X LA JOLLA SHORES DR
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TORREY PINES TER
92014 DEL MAR
WEALTH CODE 7

X OCEAN VIEW AVE
X OCEAN VIEW AVE
209 ... 858-755-8665
... 858-755-8665
... 858-755-8665

* DAVIS Richard 00 4
* GAO JIN 00 4
* JI YU 858-720-0318
* SPAGNOLO Michael 00 0
* NAWAL ROGER P 858-906-7581
* LARUO Claudio 858-481-3349
* OBERHEISS 00 4
* BOJKA Jan 00 4
* BOJKA Jan 00 4
* BOJKA Jan 00 4
* BOJKA Jan 00 4
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X LA JOLLA SHORES DR
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TORREY PINES TER
92014 DEL MAR
WEALTH CODE 7

X OCEAN VIEW AVE
X OCEAN VIEW AVE
209 ... 858-755-8665
... 858-755-8665
... 858-755-8665

* DANIS Richard 00 4
* GAO JIN 00 4
* JI YU 858-720-0318
* SPAGNOLO Michael 00 0
* NAWAL ROGER P 858-906-7581
* LARUO Claudio 858-481-3349
* OBERHEISS 00 4
* BOJKA Jan 00 4
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X LA JOLLA SHORES DR
C BUS 4 RES 2 NEW
TORREY PINES TER
92014 DEL MAR
WEALTH CODE 7

X OCEAN VIEW AVE
X OCEAN VIEW AVE
209 ... 858-755-8665
... 858-755-8665
... 858-755-8665

TORREYANA RD 1980

906

TORREY PINES RD (LA J)—Cont'd

- 701*Wiener H
- 702 Doizaki G @ 465-6361
- 703 No Return
- 704 Hart Maurice 455-0620
- 705 Oeler Abr @ 463-1735
- 801 Ende Benjamin 453-1994
- 802 Vacant
- 803 Priscak Lori 453-9117
- 804 Dilay John 453-4446
- 805*Ziff C
- 901 Greenburger A 455-1369
- 902 Lozow Seymour 453-6070
- 903 Sequieros M T 452-1636
- 904 Bokofsky L 453-2193
- 905 Vacant
- 1001 Shrawdar Mary M Mrs @ 453-5077
- 1002 Vacant
- 1003 Pelletier Victor A
- 1004 Streb Thomas P
- 1005*Midyette Roevella Willis
- 1101 Twomey Paul 463-7625
- 1102 Vacant
- 1103*Strassberg S
- 1104 Skutsch Esteban 455-6730
- 1105 No Return
- 1201*Grant W
- 1202 Diaz-Garza Jose 452-9888
- 1203*Wolpe Manny
- 1204 Lee H Rex 452-0384
- 1205 Bradley Joseph A 453-8411
- 1301 Rideout E J @ 453-6883
- 1302 Westermeyer Warren F 452-0639
- 1303 Vacant
- 1304 Sugarman Walter 455-1711
- 1305*Sullivan B
- 2510 Torrey Pines Condominiums 555-9585
- 201 Russo Russell @
- 202 Navarra James P @ 452-8007
- 203*Rochoon Roger G
- 204 Vacant
- 205 Nickhou
- 206*Herman Jerome
- 207 Vacant
- 208 Howard
- 209 Hayenga
- 210*Hamblin Mark 457-3392
- 211 La Marca J
- 212 Vacant
- 213 Vacant
- 214 Jorgensen S J @ 453-9544
- 215 Veritas Investment Assocs Inc 453-8451
- 216*Adams Julia M 453-2769
- 217 Peisker
- 218 Gilbert Madeline 452-0863
- 220 Marks Lillian K Mrs @ 453-1316
- 301*Richards Rom 455-9537
- 302*Figuroso R A 455-1538
- 303 Hoover L W 453-5180
- 304 Vacant
- 305 Nute Rita F Mrs @ 453-8769
- 306*Zonge B 453-7140
- 307*Taff N E 452-1990
- 308*Hoover L W
- 309*Waber Arth L 452-7867
- 310 Chapman
- 311 Olin Paul M @ 453-7468
- 312*Pace T L 452-5735
- 313 Vacant
- 314*Knox Alice C 455-0263
- 315 Wallace Marton H @ 453-8999
- 316*Vernec M 455-6158
- 317 Whelan Marjorie F @ 453-2571
- 318 Vacant
- 320*Jarvis Maxwell 455-5713
- 401 Lind Danl 453-8103
- 402 Leone
- 403*Blimling B J 453-6472
- 404 Macrae
- 405*Greenwald Ron 457-2109
- 406 Henry Louise @ 453-7589
- 407 Walters P A @ 453-8628
- 408 Vacant
- 409 Vollmer Margt C Mrs @ 453-5433
- 410 Smullin James W 453-7275
- 411 Langhorst Ruth @ 452-1573
- 412 La Shelle Joseph W @ 452-0554
- 413 Vacant
- 414 Saslow Ernst J @ 455-0912
- 415 Berman
- 416 Lumpkins
- 417*Walters
- 418 Kranzer Walter W 453-4768
- 420 No Return
- 2552 Torrey Pines Convalescent Home 453-5810
- 2600 La Jolla Racquet Club Condominiums
- A11 Tully Joseph R 455-7549
- A12 Slater Sam 453-8076
- A13 Vacant
- A14*Brooks Melvin
- A15*King Debbie M

- A15 Ellis Rieke
- A21*Stimpson Kim D
- A22 Epps Nydia D @ 452-0564
- A23 Vacant
- A24 Vacant
- A25 Burdick Bruce L @ 453-6908
- A26*Phillips Julie
- A31 Ward N B Mrs @ 452-0666
- A32 Clarks Robt @ 453-0941
- A33 No Return
- A34 Hemphill Ed 452-8542
- A35 Vacant
- A36*Girsh Faye J
- B17 Blaisdell Francis J @ 453-4045
- B18 Pressman Marcia L 452-1864
- B19 Capelle Philip @ 463-9145
- B27 Meyers I J
- B28 Vacant
- B29 Parker
- B37 Burstein Mirion 452-8720
- B38*Gott Chas W 455-0646
- B39 Vacant
- C11 Dowding S Neville @ 455-0123
- C12 Collins M 453-5178
- C13 Carroll Donald E @ 452-8411
- C14 Vidalea Margt B 453-2246
- 2610 Apartments
- C21 Miller M Patricia @ 455-1286
- C22 Inverarity Robt B @ 452-1633
- C23 Vacant
- C24 Vacant
- C31 Linson Lewis M @ 452-8469
- C32 Elliott Mabel A 453-8663
- C33 Daniele Jane A 453-8713
- C34 Vacant
- D25 Campbell John P @ 453-4198
- D26 Bank Shirley 455-1469
- D27 Robinson Connie @ 452-8579
- D28*Ferguson B L
- D29 Vacant
- D35*King D M 453-1287
- D36 Gravas A E Mrs @ 453-5443
- D37*Mc Clure Donald
- D38*Emslie Jas E 452-1795
- D39 Bakar Charles
- 2612 Apartments
- D15 Miller Carol E Mrs 455-9019
- D16 Nielsen E C Mrs @ 452-7406
- D17 Mayo Dorothy S Mrs @ 453-5573
- D18 Vacant
- F11 Behan Frank J @ 453-6862
- F12 Brown R F 453-7849
- F13 Vacant
- F14 Francombe M E @
- 2628 Strobe Orienne E Mrs @ 453-2488
- 2630 Apartments
- E21*Griffin Irona
- E22 Linahan
- E23 Stark Donald J @ 453-2537
- E24 Cooney Alberta S Mrs 453-5570
- E25*Knowle Swm F
- E26 Mc Kusick Brooke F @ 453-8608
- 2638 Lincoln Brent R 452-7909
- 2640 Winston Jo 455-6735
- 2642 Miller James 452-9173
- 2644 Vacant
- 2646 Shine Sherry L 455-1714
- 2648*Clark Rose 452-0711
- 2650 Thompson Mark H 453-4928
- 2652*Pugliese Larry 455-5356
- 2654 Wiseman Richd
- 2656 Pascal Jill 457-2749
- 2658*Nelson M E 455-6862
- 2660*Norman Ron
- 2662 Hester Parrietta B Mrs 453-2608
- 2664*Jonas Connie R 455-9379
- 2666*Fouk L
- 2668 Weston Duane 452-0763
- 2670 Kaplan Marian 453-8290
- 2672 Kyle Patricia W Mrs 453-1293
- 2674 Kocher Irma K 453-6282
- 2676 O'Malley Bridget 453-5806
- 2678 Valbuena Mitchell
- 2680 Slattery Marie 453-5519
- 2682 Radom Lucille B Mrs 452-1589
- 2684 Homen Foy 453-0701
- 2686*Kaya Larry W 452-7065
- 2688 Dutcher Ernest 455-6302
- 2690 Graenhill Jeffrey 452-9365
- 2692*Hester Henry 455-9587
- 2694*Preisen Dorford
- 2696 Ashton John M real est broker 452-1057
- 2698*Fortuna Richd 457-4349
- 2702 Sipes Mary A Mrs 453-4561
- 2704*Weissburg Phillip 453-6996
- 2706 Larson Charles 453-8934
- 2708*Olgass Corzon 457-3704
- 2710 Clyna Walt 453-6506
- 2712*Rice Carol 455-1751
- 2714*Schacht R 457-2914
- 2716*Hall B Payne
- 2718*Douglas Chas 453-5312
- 2720 Vaughn Carolyn 455-1183
- 2722 Gulko Elsa A 455-7857
- 2724 No Return

- 2725 La Jolla Canyon Clay Products Co 453-4528
- Rodriguez Cornelio @ 463-2491
- 2726 La Jolla Apartments (Storage)
- 2728*Schneider J
- 2730 Hyman Sally 453-1506
- 2732*Synder Bill
- 2734 Graylow Michl
- 2736 Harris Elaine
- 2738 Patrick Adrian Mrs 455-0277
- 2740 Blomgren Robt
- 2742*Cochran Ronald 571-6343
- 2744 La Touche Francis
- 2746 Loper Ted 453-0695
- 2748 Graham Cath 453-8571
- 2750 Dalen Virginia 452-8146
- 2752 Mulligan Thos
- 2754*Price Richd
- 2756 Hanchett Garth
- 2758 La Valley Roy S 453-2700
- La Jolla Apartments (Office) 453-2700

LA JOLLA VILLAGE DR INTERSECTS N TORREY PINES RD BEGINS

TORREY PINES RD N (LA JOLLA) FROM 2900 CALLAN RD NORTH

- ZIP CODE 92037
- 9251 U C S D Revella Collega (Residence Hall) 453-1900
- 10007 U C S D Muir College (Residence Hall) 453-1160
- 10010 Salk Instituta The med research laby 453-4100
- Clayton Foundation For Research Ca research foundation 452-1225
- 10020 Torrey Pines Hang Gliders Asen 455-9793
- TORREY PINES SCENIC DR BEGINS
- 10300 Aerojet-General Corporation diversified technology 455-8500
- Inv Aerojet Investmantia Ltd facility mgra inv 455-8582
- 10350 United First Mortgage Corp 453-7950
- 10456 Scripps Research Foundation (Annex)
- N TORREY PINES CT INTERSECTS
- 10666 Scripps Clinic & Research Foundation diagnostic center 455-9100
- Scripps Clinic Medical Group Inc 455-9100
- Green Hospital of Scripps Clinic 455-9100
- SCIENCE PARK RD BEGINS
- 10933 Calbiochem-Behring Corp clinical dignata-biochem resch 453-7331
- CALLAN RD INTERSECTS
- 11011 Hutton E F Life Ins Co 452-9060
- Servomax Of Southern Ca Inc cafa oprs 455-5700
- 11255 Signal Development Corp 455-7390
- 11480 Torrey Pines Inn hotel 453-4420
- Golfer's Grill coffee shop 453-4420
- Lantern Room Tha cocktail lounge 453-4420
- Torrey Pines Pro Shop pro serv & golfar sups 453-3630
- *Barnay Richd J
- Club Room (Priv Rm)
- Imperial Ball Rm (Priv Rm)
- Seascope Dining Room 453-4420
- Torrey Pines Gift Shop 453-4420
- Torrey Pines Golf Course 453-3530

TORREY PINES SCENIC DR (LA JOLLA)-FROM 10000 TORREY PINES RD WEST

- ZIP CODE 92037
- end Torrey Pines Glider Port airport (glider)
- Torrey Pines City Park

TORREYANA RD (LA-JOLLA)-FROM 4000 SCIENCE PARK RD NORTH

- ZIP CODE 92037
- 11095 Management Analysis Co mgmt consultants 452-5000

TORTUGA CT -FROM 5868 ANTIGUA BLVD SOUTHWEST

- ZIP CODE 92124
- 5554 Rumney Richd L @ 292-0680
- 5555 Driscoll Danl R @ 560-5368
- 5562*Kotlisky Allan I @ 560-0240
- 5563 Boyd Deborah D @
- 5570 Wilburn

- 5571 Domingo Roberto @ 560-0304
- 5578 No Return
- 5579 Housand Richd A @ 565-2284
- 5586*Lee Richd
- 5587 No Return
- 5594 Lee Michl M @ 277-8180
- 5595*Ford M R Jr @
- 5606 Shoopman Donald M @ 560-1533
- 5607*Warnerka Lon @
- 5814*Sweltz Mark
- 5815 Chung Wm A @ 279-6296
- 5822 Phares Richd A @ 279-2498
- 5823 Alssi Nicholas @ 292-6002
- 5830 Johnson M Kent @
- 5831*Thrift Clifford @
- 5838 Berry N H @ 585-9469
- 5839 Ford Richd R @ 292-4507
- 5845*Needham Lloyd R @ 279-1493
- 5847*Mc Donald Ric @
- 5854 Advance Glass & Mirror Co glaziers 278-2383
- Boette Wm @ 278-2383
- 5865*Harnes Terrance V @
- 5862 Dixon Jarry L @ 562-4178
- 5863 Eldar Thomas H @ 279-5017
- 5871 Smith Vernon L @ 560-7597
- 5879 Kleckner James H 279-5033
- 5887*Carucci Randall @ 279-9066

TORTUGA RD -FROM 5878 ANTIGUA BLVD NORTH

- ZIP CODE 92124
- HERMANOS CT BEGINS
- HERMANOS RD BEGINS
- 5718*Romelczyk Stanley J 279-8440
- 5722 Tierman Jeffrey H @ 278-7563
- 5728 Jobett Michl L @ 277-5802
- 5734 No Return
- AVENIDA SANCHEZ BEGINS
- 5740 Miller Wm G 279-0189
- 5743 No Return
- 5746 Kelly David L @ 560-6707
- 5749 Clay Robt S @ 292-1590
- 5752 Wachs Robt H @ 278-9381
- 5765 Dubois Daniel @
- 5768 Vinson Loren @
- 5761 Campbell Wm J @ 279-7463
- 5764*Hirsch Stevan @ 279-8824
- 5767 Galler Gary 279-9585
- 5770 Willoughby Robt @ 277-8844
- 5773 Saludes Joseph P @ 279-0723
- 5776 Buehn John C @ 288-8363
- 5779 Denaunt Laurence J @ 277-0249
- 5782*Tuannel Craig
- 5785 Vacant
- 5786 Perry Toby @ 565-2818
- 5792 Quintanilla Gregorio @
- OROZCO RD INTERSECTS

TOSCA WAY -FROM 6370 DINAMICA WAY NORTH

- ZIP CODE 92111
- 2453 Cranford Dave @ 571-0782
- 2454 Little Wm 279-9167
- 2462 Churchill Clementina Mrs @ 565-2081
- 2463 O'Brien David J 268-3881
- 2470 Ramis Crescencio C @ 277-5965
- 2473*Waller Chas A
- 2478 Vacant
- 2483 Valdez J Manuel @
- 2486 Conroy C

TOULON CT -FROM 3869 OCEAN FRONT WALK EAST

- ZIP CODE 92108
- 702 Oates D Geo @ 272-2803
- 711 Bruckar Kevin 488-9701
- 712 Bruckar Steph E @ 272-3196
- STRANDWAY INTERSECTS
- 715 Holcombe Michl A @ 276-1808
- 716*Kelly Eileen F 488-3183
- 720*Hogan Eileen Z
- 721 De La Cruz
- 721a Stone David E 488-7736
- 728 Brinton B D 273-5036
- MISSION BLVD INTERSECTS
- 802 Bakar Hunter D
- 803 Grabbit Dorothy L Mrs @ 488-8904
- 804 Solovi Grata S 488-8946
- 807 Vacant
- 809*Sanchar Andy 275-1956
- 810*Elliott Sue L
- 812 Tabler Michl J 488-8597
- 816 Earl Robt R 488-9080
- 817*Hunt Geo R 488-8923
- 821*Brangia Tarry E 273-7188
- BAYSIDE LA INTERSECTS
- 823 Obergfell Robt M 488-8871
- 824 Ellis J Michl 488-0438

455 S. Escandido Blvd., Escondido San Diego, CA

11011 Torreyana Road
11011 Torreyana Road
San Diego, CA 92121

Inquiry Number: 7201541.3
December 12, 2022

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

12/12/22

Site Name:

11011 Torreyana Road
11011 Torreyana Road
San Diego, CA 92121
EDR Inquiry # 7201541.3

Client Name:

Ninyo & Moore
5710 Ruffin Rd
San Diego, CA 92123
Contact: Gabriel Haro



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The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the date this report was generated.

Certified Sanborn Results:

Certification # 680F-469B-B1BD
PO # 109553001
Project 11011 Torreyana Road

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results

Certification #: 680F-469B-B1BD

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

The Sanborn Library LLC Since 1866™

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11011 Torreyana Road

11011 Torreyana Road

San Diego, CA 92121

Inquiry Number: 7201541.8

December 12, 2022

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Site Name:

11011 Torreyana Road
 11011 Torreyana Road
 San Diego, CA 92121
 EDR Inquiry # 7201541.8

Client Name:

Ninyo & Moore
 5710 Ruffin Rd
 San Diego, CA 92123
 Contact: Gabriel Haro



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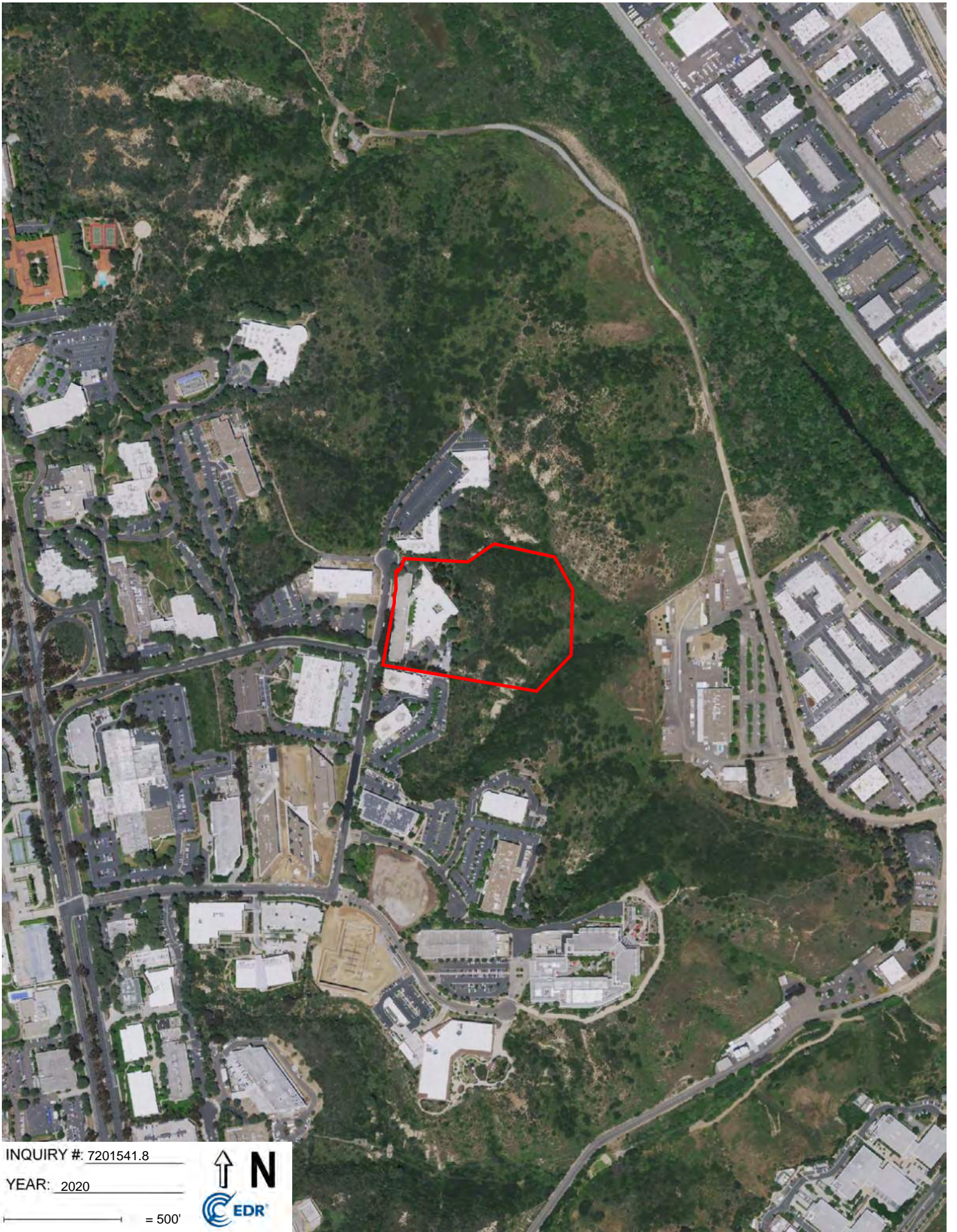
Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
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2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2002	1"=500'	Acquisition Date: January 01, 2002	USGS/DOQQ
1996	1"=500'	Acquisition Date: January 01, 1996	USGS/DOQQ
1994	1"=500'	Acquisition Date: January 01, 1994	USGS/DOQQ
1990	1"=500'	Flight Date: September 06, 1990	USDA
1989	1"=500'	Flight Date: August 15, 1989	USDA
1985	1"=500'	Flight Date: September 13, 1985	USDA
1979	1"=500'	Flight Date: January 27, 1979	EDR Proprietary Landiscor
1970	1"=500'	Flight Date: March 06, 1970	EDR Proprietary Landiscor
1966	1"=500'	Flight Date: November 02, 1966	USGS
1964	1"=500'	Flight Date: April 08, 1964	USDA
1953	1"=500'	Flight Date: April 14, 1953	USDA
1949	1"=500'	Flight Date: February 16, 1949	USDA
1928	1"=500'	Flight Date: November 01, 1928	EDR Proprietary Landiscor

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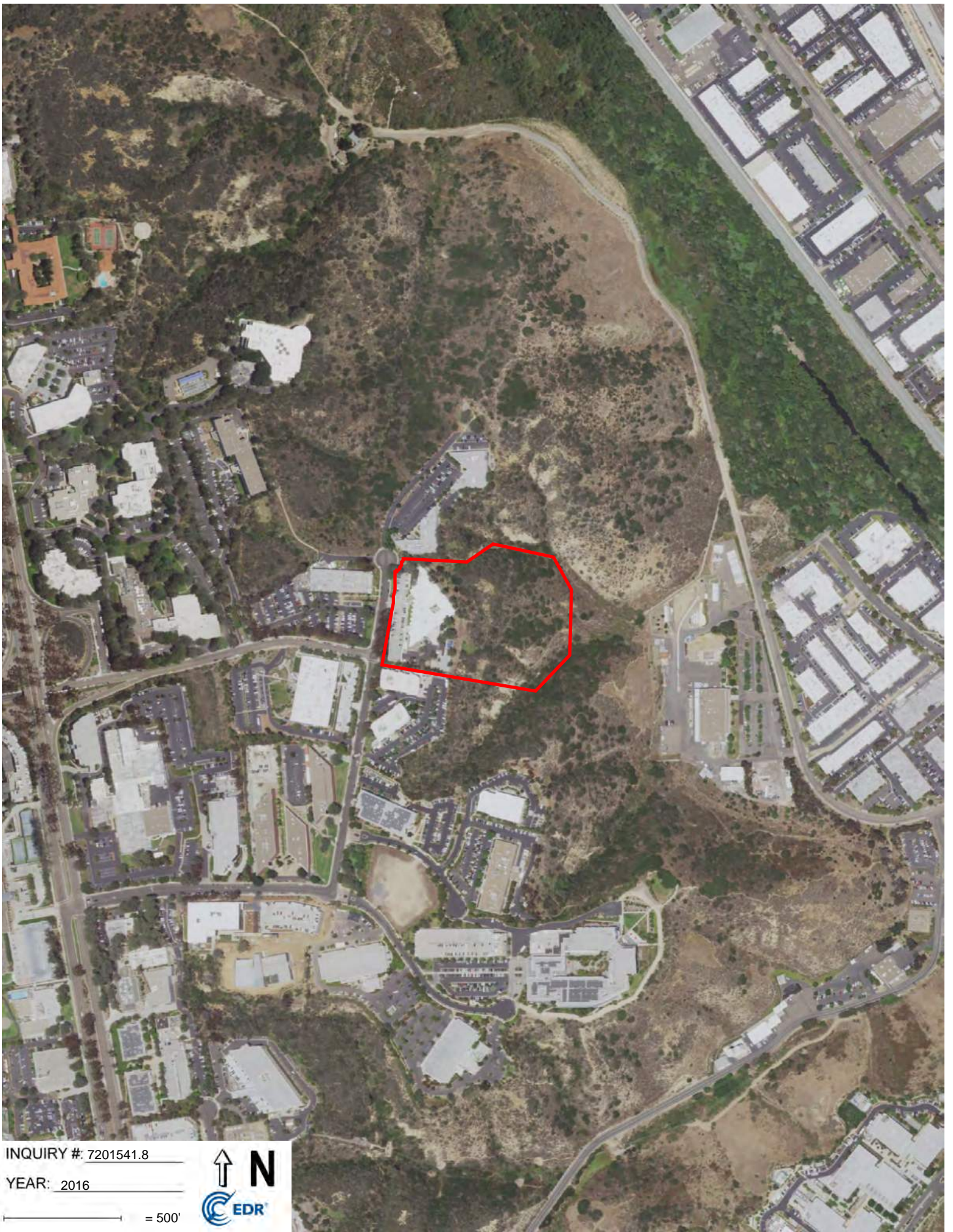


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INQUIRY #: 7201541.8

YEAR: 2016

— = 500'



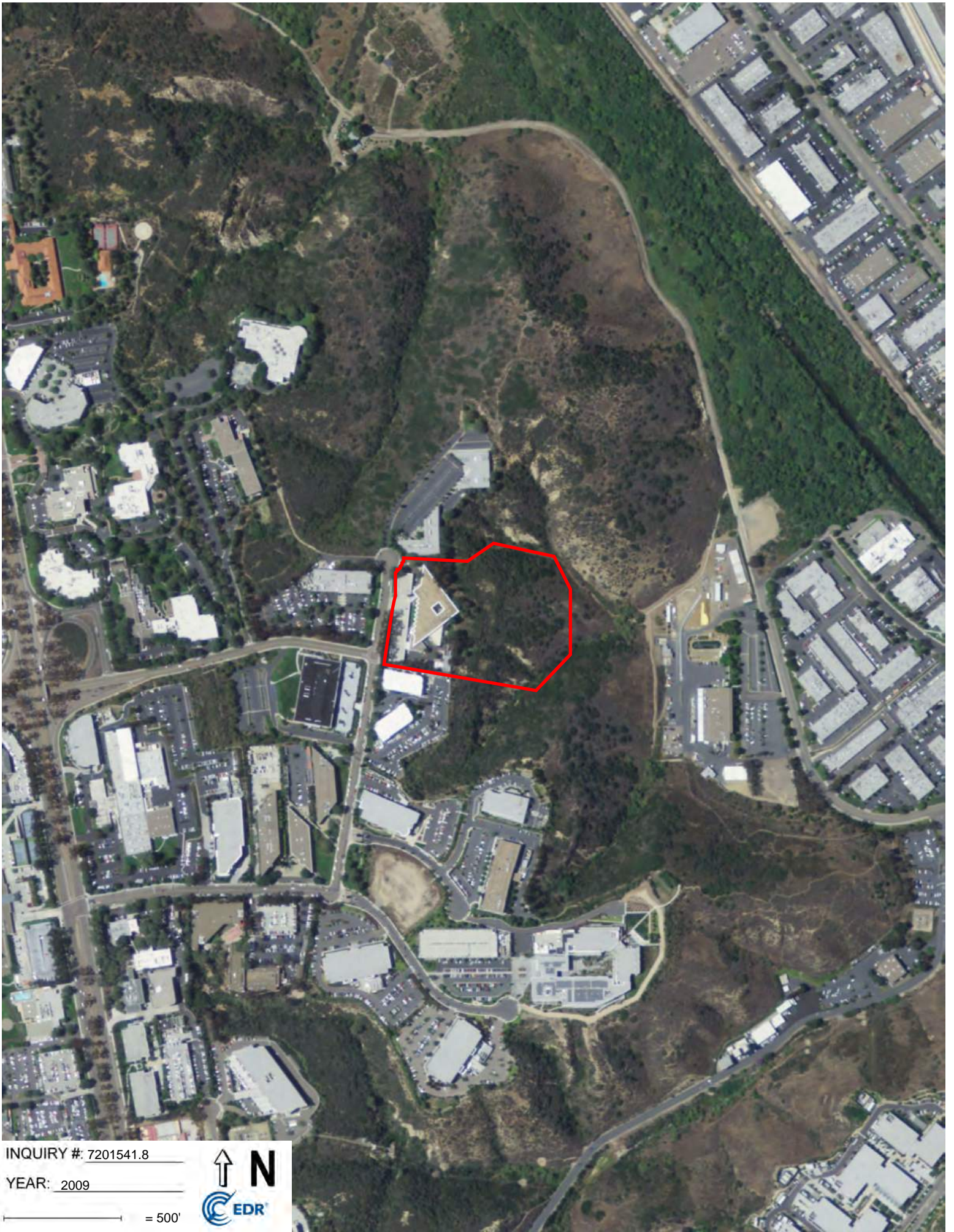


INQUIRY #: 7201541.8

YEAR: 2012

— = 500'





INQUIRY #: 7201541.8

YEAR: 2009

— = 500'





INQUIRY #: 7201541.8

YEAR: 2005

— = 500'



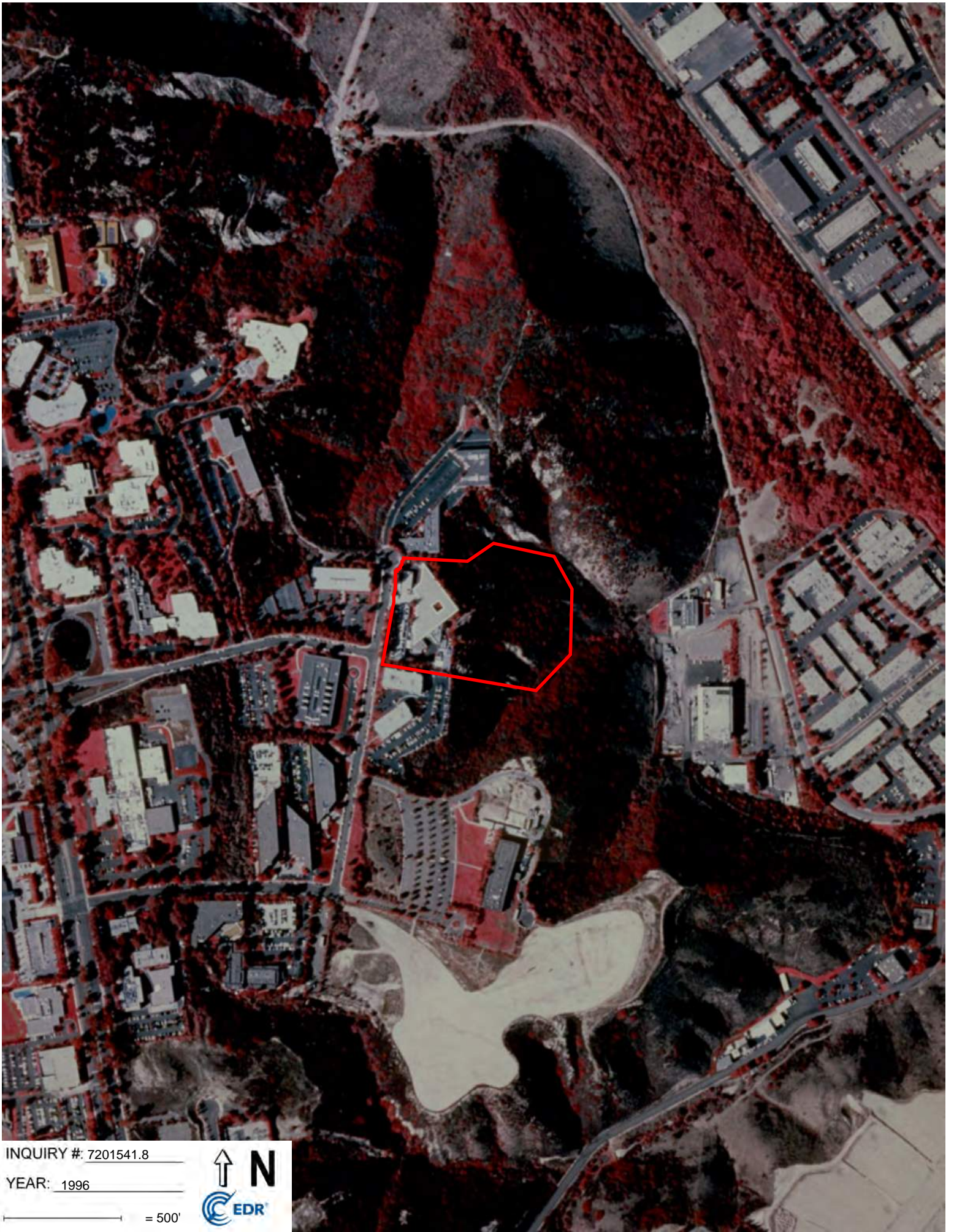


INQUIRY #: 7201541.8

YEAR: 2002

— = 500'





INQUIRY #: 7201541.8

YEAR: 1996

— = 500'





INQUIRY #: 7201541.8

YEAR: 1994

_____ = 500'



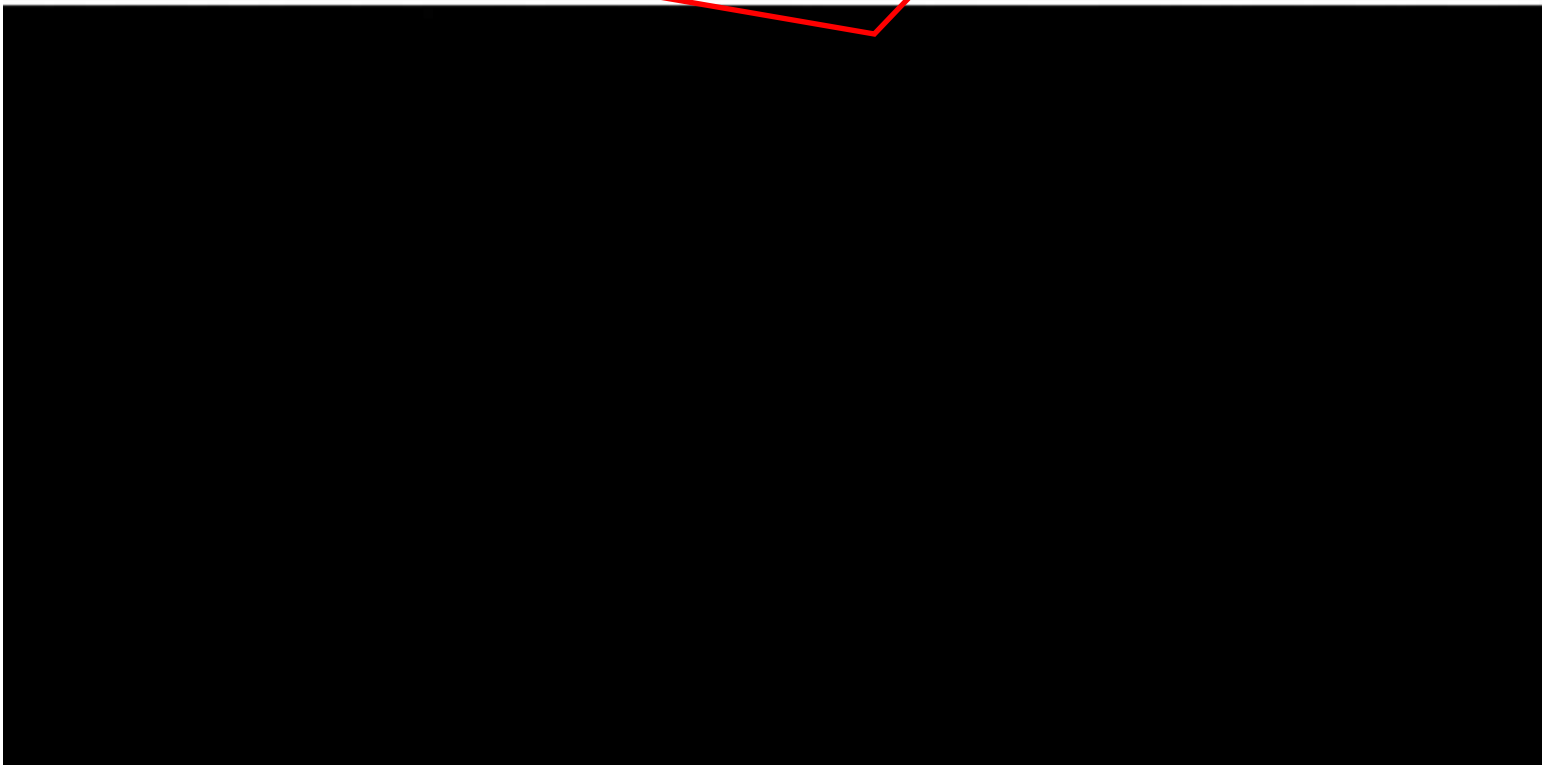


INQUIRY #: 7201541.8

YEAR: 1990

— = 500'





INQUIRY #: 7201541.8

YEAR: 1989

— = 500'





INQUIRY #: 7201541.8

YEAR: 1985

— = 500'





INQUIRY #: 7201541.8

YEAR: 1979

_____ = 500'





INQUIRY #: 7201541.8

YEAR: 1970

— = 500'





INQUIRY #: 7201541.8

YEAR: 1966

— = 500'





INQUIRY #: 7201541.8

YEAR: 1964

— = 500'





INQUIRY #: 7201541.8

YEAR: 1953

— = 500'





INQUIRY #: 7201541.8

YEAR: 1949

— = 500'





INQUIRY #: 7201541.8

YEAR: 1928

— = 500'



11011 Torreyana Road
11011 Torreyana Road
San Diego, CA 92121

Inquiry Number: 7201541.4
December 12, 2022

EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

12/12/22

Site Name:

11011 Torreyana Road
11011 Torreyana Road
San Diego, CA 92121
EDR Inquiry # 7201541.4

Client Name:

Ninyo & Moore
5710 Ruffin Rd
San Diego, CA 92123
Contact: Gabriel Haro



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Search Results:**Coordinates:**

P.O.#	109553001	Latitude:	32.905353 32° 54' 19" North
Project:	11011 Torreyana Road	Longitude:	-117.23661 -117° 14' 12" West
		UTM Zone:	Zone 11 North
		UTM X Meters:	477873.28
		UTM Y Meters:	3640819.27
		Elevation:	274.75' above sea level

Maps Provided:

2018	1930
2015	1903
2012	
1994	
1975	
1967	
1953	
1943	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2018 Source Sheets



Del Mar
2018
7.5-minute, 24000



Del Mar OE W
2018
7.5-minute, 24000

2015 Source Sheets



Del Mar
2015
7.5-minute, 24000



Del Mar OE W
2015
7.5-minute, 24000

2012 Source Sheets



Del Mar
2012
7.5-minute, 24000



Del Mar OE W
2012
7.5-minute, 24000

1994 Source Sheets



Del Mar
1994
7.5-minute, 24000
Aerial Photo Revised 1994

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1975 Source Sheets



Del Mar
1975
7.5-minute, 24000
Aerial Photo Revised 1975

1967 Source Sheets



Del Mar
1967
7.5-minute, 24000
Aerial Photo Revised 1966

1953 Source Sheets



Del Mar
1953
7.5-minute, 24000
Aerial Photo Revised 1950

1943 Source Sheets



Del Mar
1943
7.5-minute, 31680

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1930 Source Sheets



La Jolla
1930
15-minute, 62500

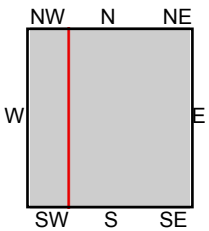
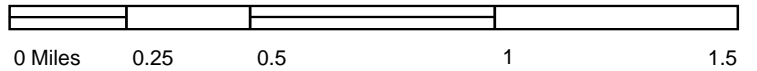
1903 Source Sheets



La Jolla
1903
15-minute, 62500



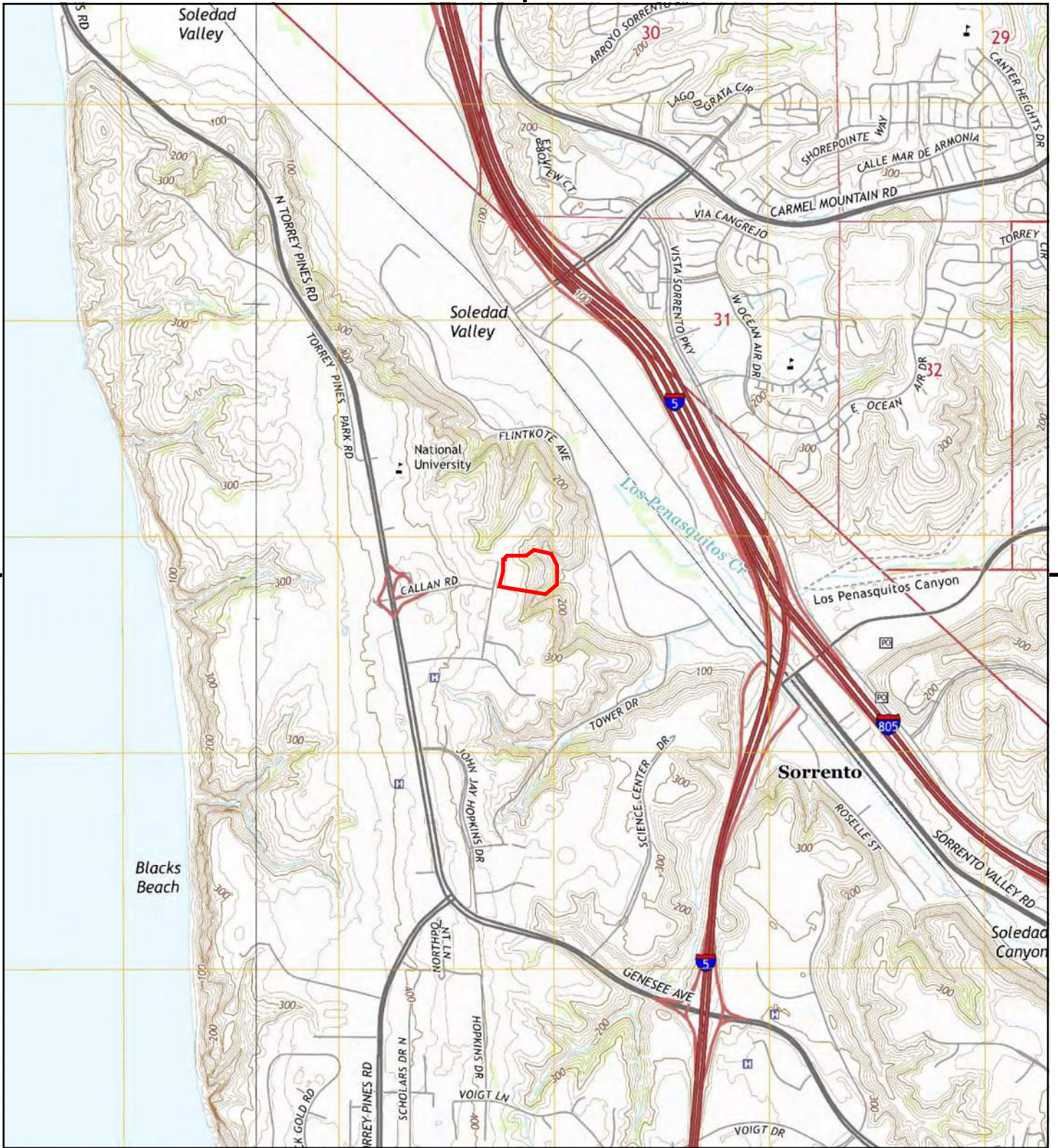
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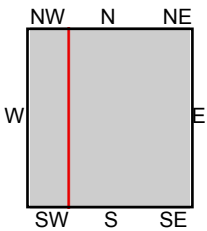
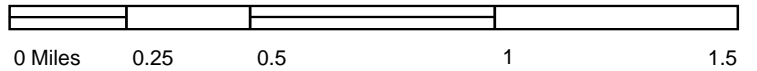
TP, Del Mar, 2018, 7.5-minute
 NW, Del Mar OE W, 2018, 7.5-minute

SITE NAME: 11011 Torreyana Road
ADDRESS: 11011 Torreyana Road
 San Diego, CA 92121
CLIENT: Ninyo & Moore





This report includes information from the following map sheet(s).



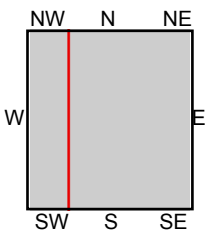
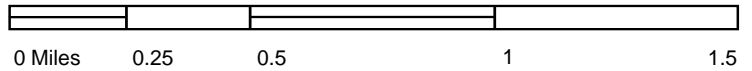
TP, Del Mar, 2015, 7.5-minute
 NW, Del Mar OE W, 2015, 7.5-minute

SITE NAME: 11011 Torreyana Road
ADDRESS: 11011 Torreyana Road
 San Diego, CA 92121
CLIENT: Ninyo & Moore





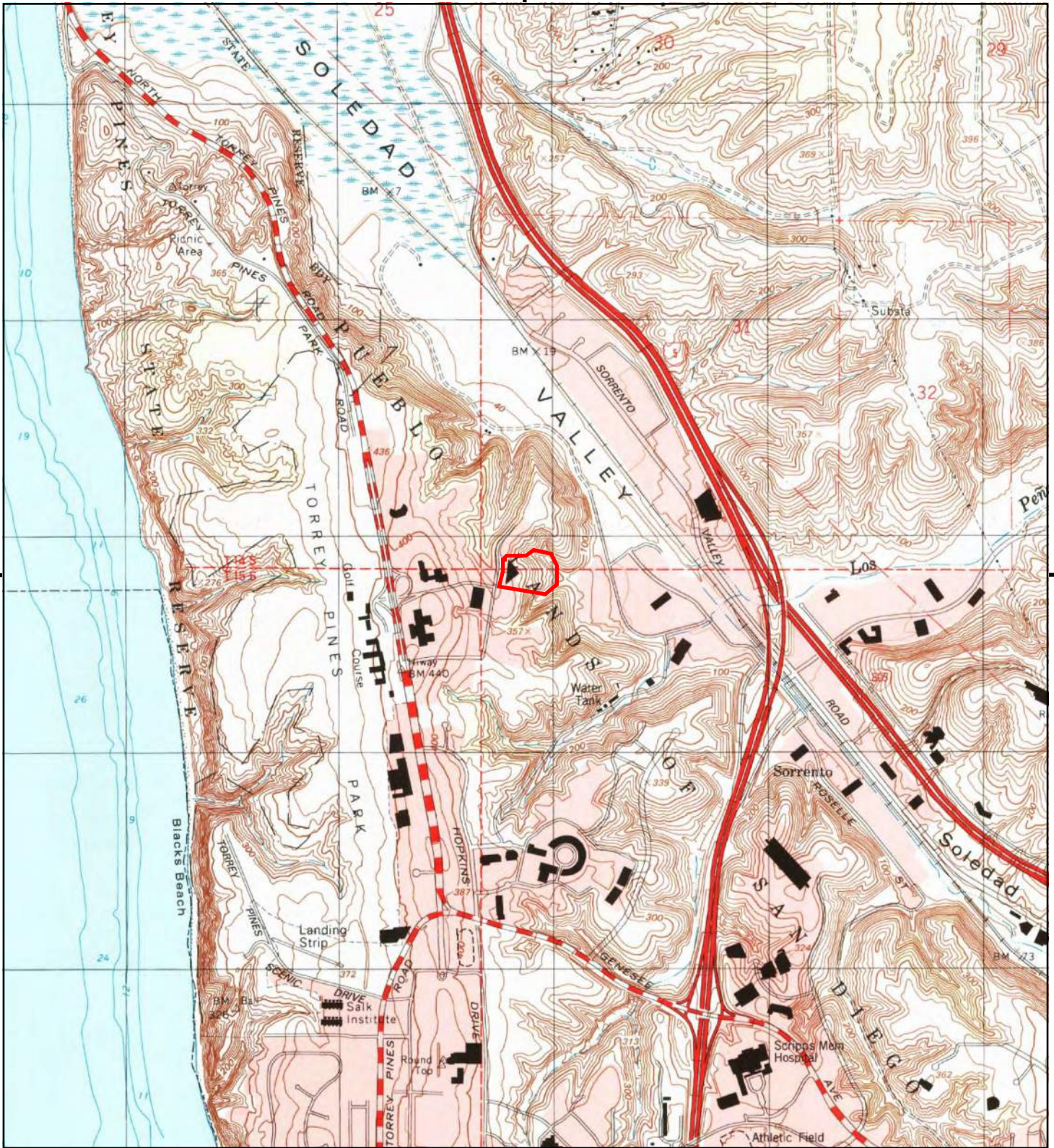
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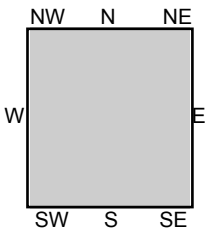
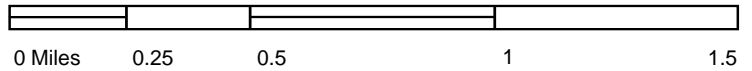
TP, Del Mar, 2012, 7.5-minute
 NW, Del Mar OE W, 2012, 7.5-minute

SITE NAME: 11011 Torreyana Road
 ADDRESS: 11011 Torreyana Road
 San Diego, CA 92121
 CLIENT: Ninyo & Moore





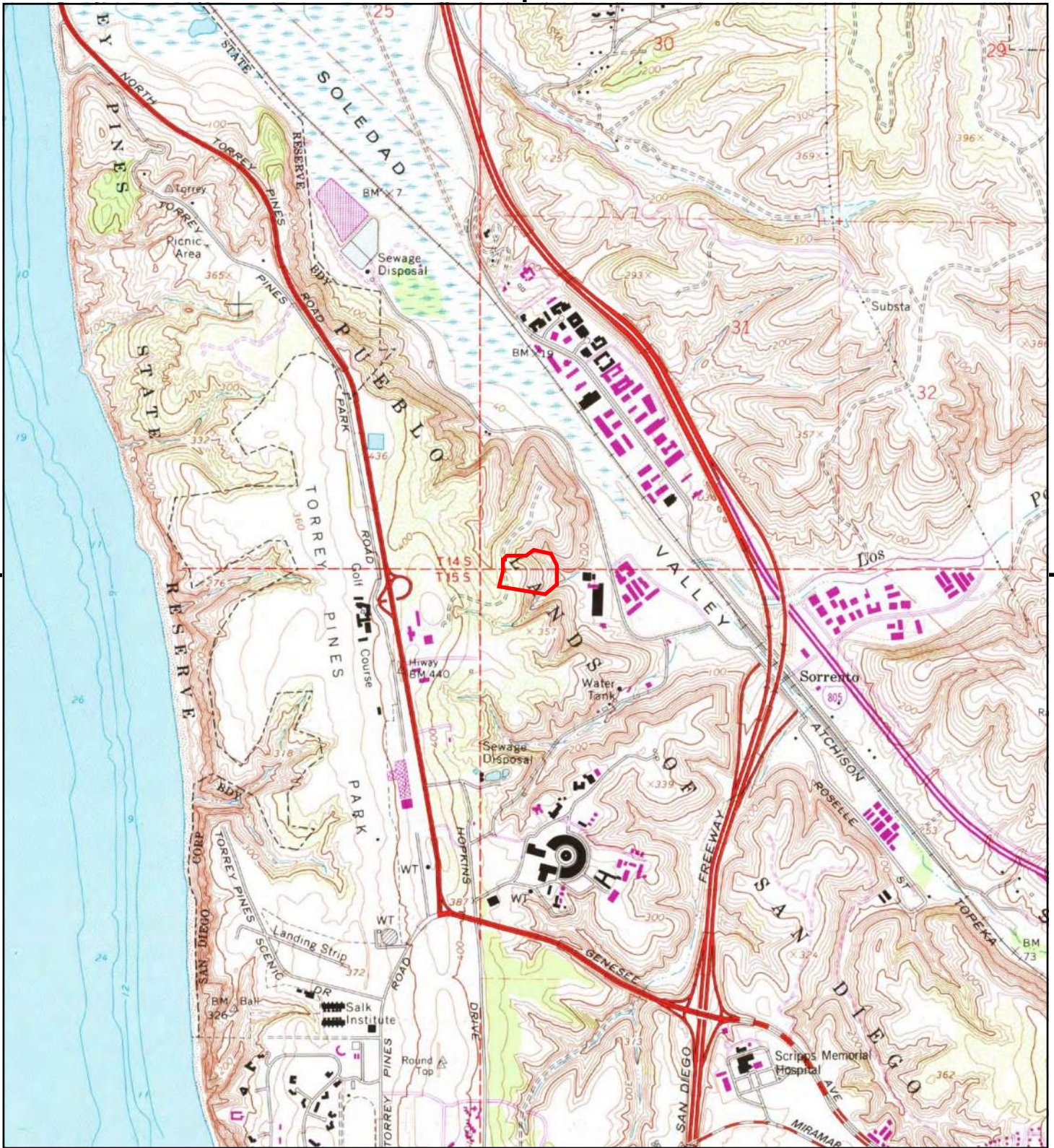
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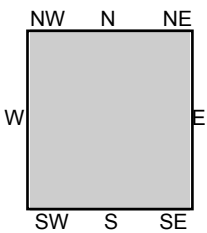
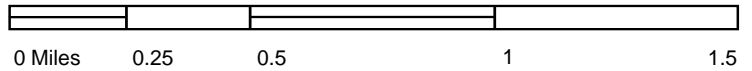
TP, Del Mar, 1994, 7.5-minute

SITE NAME: 11011 Torreyana Road
ADDRESS: 11011 Torreyana Road
 San Diego, CA 92121
CLIENT: Ninyo & Moore





This report includes information from the following map sheet(s).



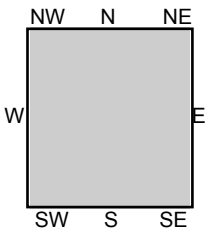
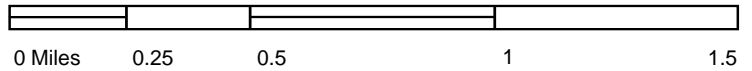
TP, Del Mar, 1975, 7.5-minute

SITE NAME: 11011 Torreyana Road
ADDRESS: 11011 Torreyana Road
 San Diego, CA 92121
CLIENT: Ninyo & Moore





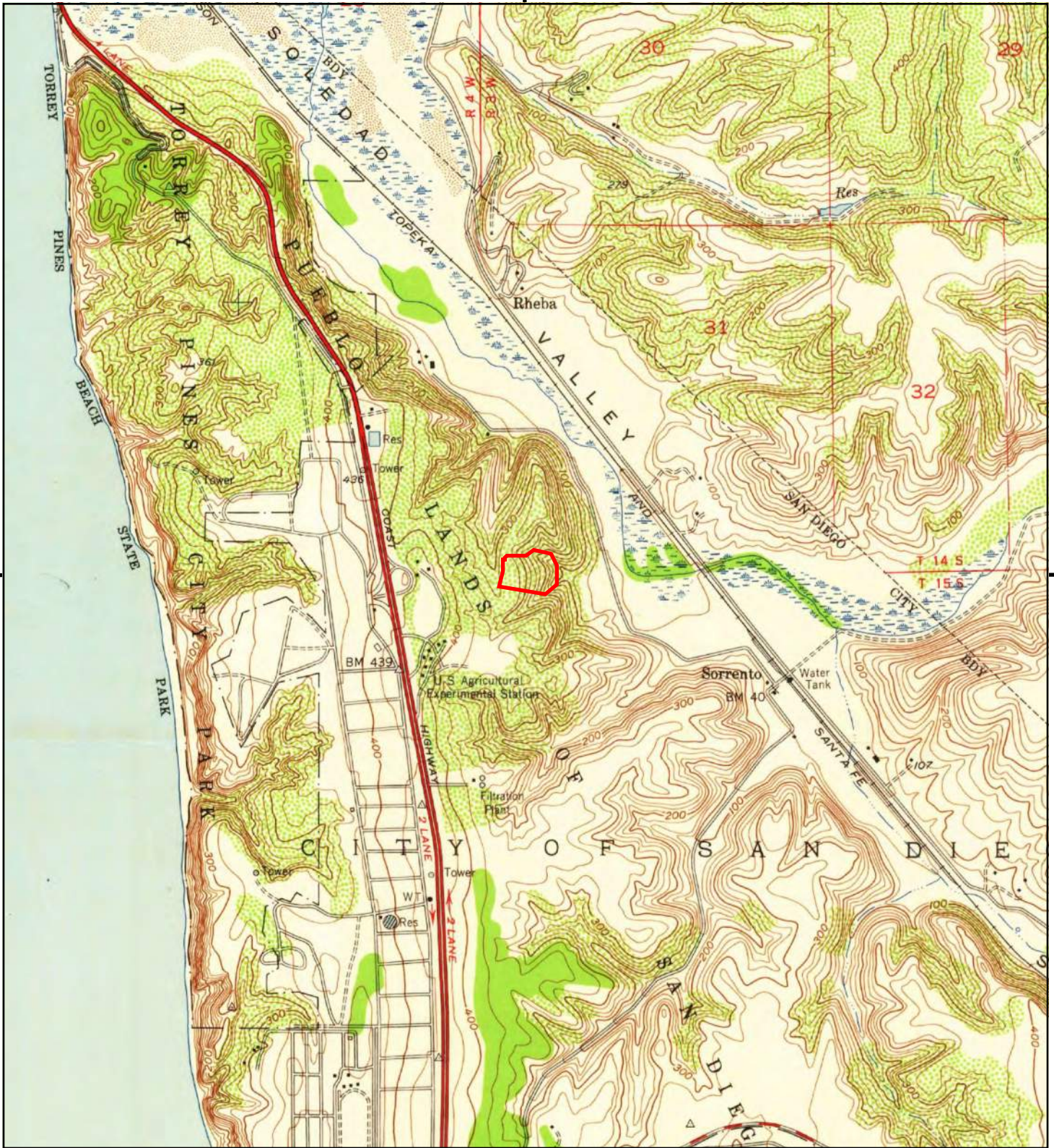
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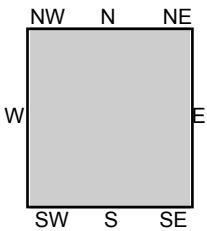
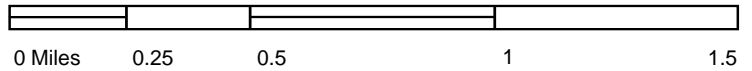
TP, Del Mar, 1967, 7.5-minute

SITE NAME: 11011 Torreyana Road
 ADDRESS: 11011 Torreyana Road
 San Diego, CA 92121
 CLIENT: Ninyo & Moore





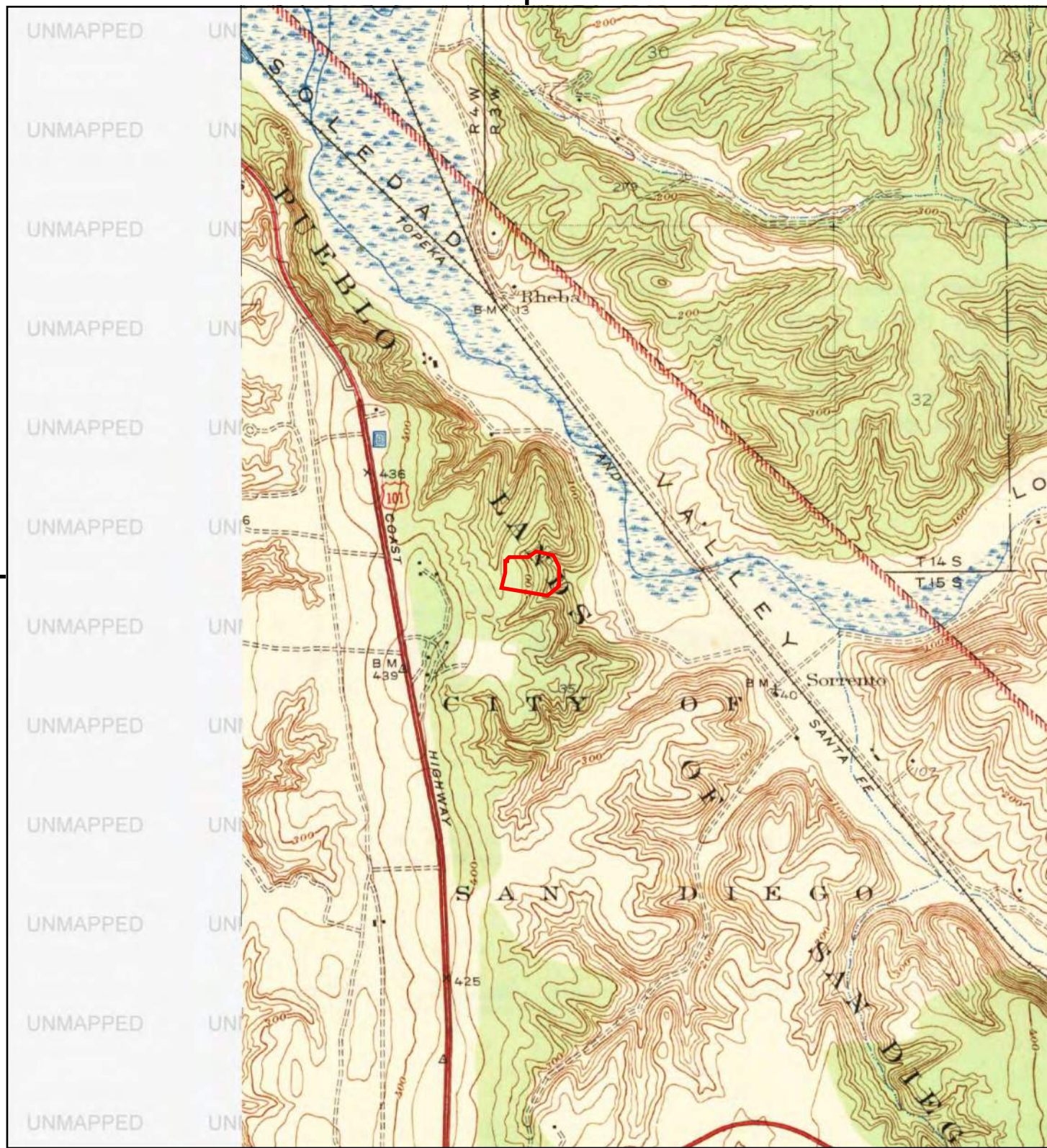
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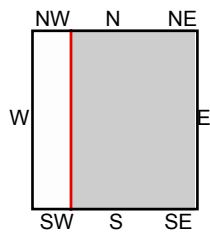
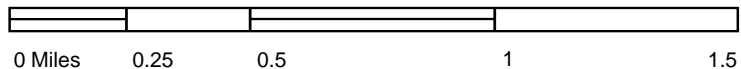
TP, Del Mar, 1953, 7.5-minute

SITE NAME: 11011 Torreyana Road
 ADDRESS: 11011 Torreyana Road
 San Diego, CA 92121
 CLIENT: Ninyo & Moore





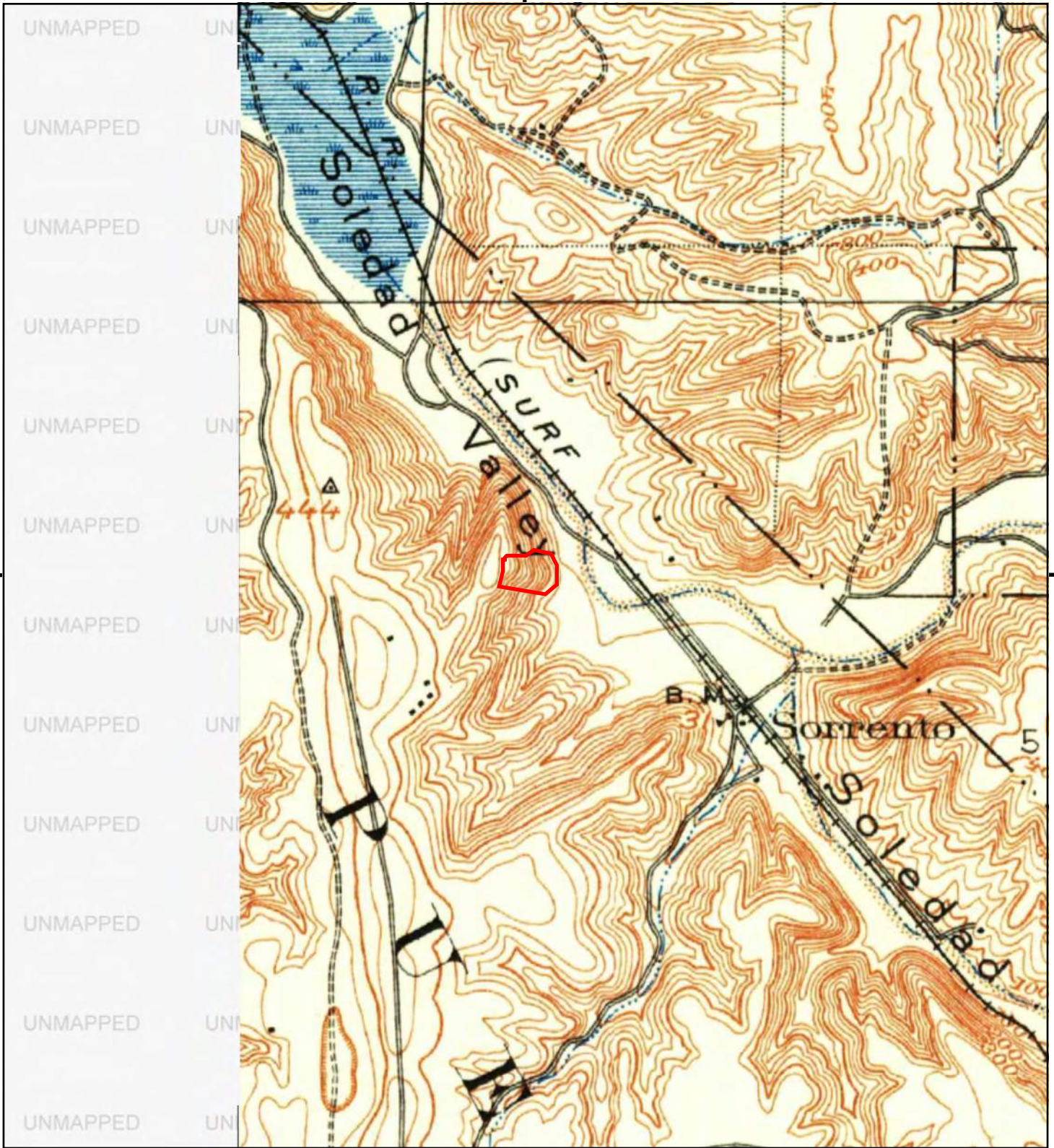
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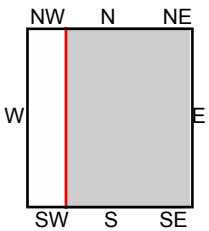
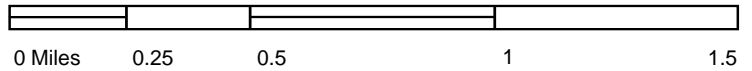
TP, Del Mar, 1943, 7.5-minute

SITE NAME: 11011 Torreyana Road
 ADDRESS: 11011 Torreyana Road
 San Diego, CA 92121
 CLIENT: Ninyo & Moore





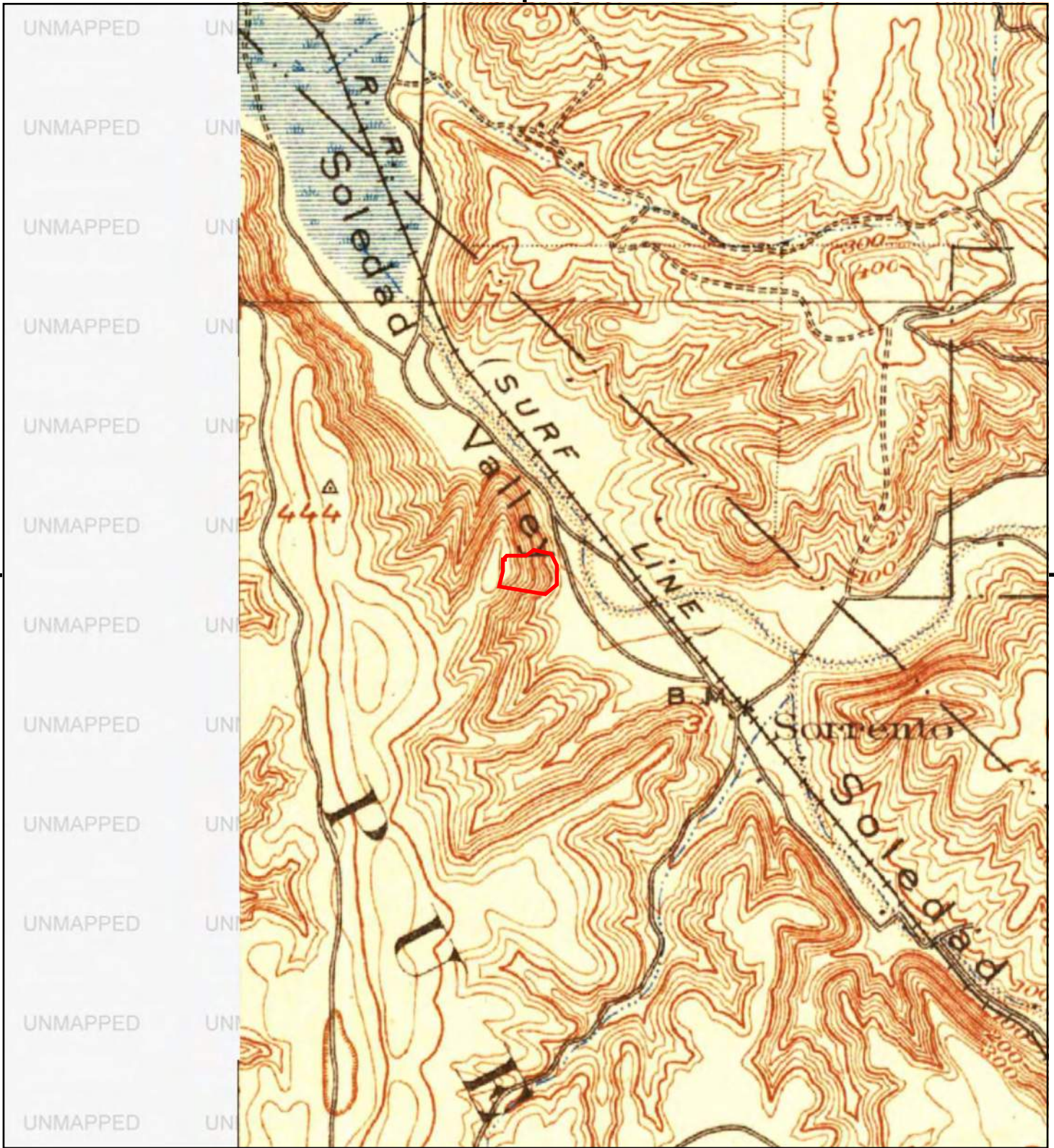
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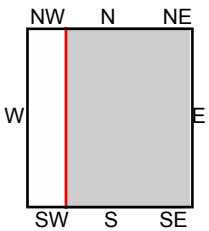
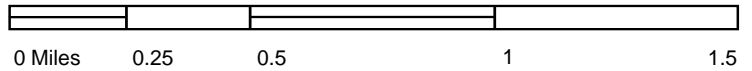
TP, La Jolla, 1930, 15-minute

SITE NAME: 11011 Torreyana Road
ADDRESS: 11011 Torreyana Road
San Diego, CA 92121
CLIENT: Ninyo & Moore





This report includes information from the following map sheet(s).



TP, La Jolla, 1903, 15-minute

SITE NAME: 11011 Torreyana Road
ADDRESS: 11011 Torreyana Road
San Diego, CA 92121
CLIENT: Ninyo & Moore





APPENDIX F

Vapor Encroachment Screening Matrix

Phase I ESA Vapor Encroachment Conditions (VEC) matrix includes a (1) Search Radius Test, (2) Chemicals of Concern Test (COC), and (3) a Critical Distance Test [1].

(1) Search Radius Test: Are there any known or suspect contaminated properties in the primary area of concern within the corresponding search radii?

Yes No If **No**, then screening for a VEC is complete and no VEC *currently* exists, go to #4. If **Yes**, then:

(2) Chemicals of Concern Test: Are COC likely to be present within the area of concern for those known or suspect contaminated sites identified based on the Search Distance Test?

Yes No If **No**, then screening for a VEC is complete and no VEC *currently* exists, go to #4. If **Yes**, then:

(3) Critical Distance Test: A plume test to determine whether or not COC in the contaminated plume(s) may be within the critical distance.

Yes No (3a) Is information related to the contaminated(s) plume available (i.e., isoconcentration maps, site drawings, etc.)?

(3b) If **No**, then a VEC cannot be ruled out; check **Yes** in #4 below indicating it is likely a VEC exists. If **Yes**, then:

Yes No (3c) Is the site less than 100 feet to the nearest edge of a contaminated [non-petroleum hydrocarbon] plume(s)? If **Yes**, then check **Yes** in #4 below indicating it is likely a VEC exists.

Yes No (3d) Is the site less than 30 feet to the nearest edge of a dissolved petroleum hydrocarbon plume(s)? If **Yes**, then check **Yes** in #4 below indicating it is likely a VEC exists.

If the distance from the nearest edge of a contaminated plume to the nearest existing or planned structure on the site is less than 100 feet for non-petroleum hydrocarbon COC, or less than 30 feet for dissolved petroleum hydrocarbons, then it is presumed that a VEC *currently* exists beneath the site. If the distance from the nearest edge of the contaminated plume is greater than or equal to 100 feet for non-petroleum hydrocarbons, or 30 feet for dissolved petroleum hydrocarbon chemicals of concern, then it is presumed unlikely that a VEC *currently* exists beneath the site.

(4) Is it likely that a VEC *currently* exists beneath the site?

Yes No If **No**, then the VEC screening is complete and no further investigation is recommended at this time. If **Yes**, Ninyo & Moore recommends performing additional assessment, such as a Tier 2 VEC assessment according to ASTM E 2600-15.

[1] Based on guidance presented in the ASTM E 2600-15 Standard.



APPENDIX G

Qualifications of the Environmental Professionals

Gabriel A. Haro, LRC ST

Staff Geologist



EDUCATION

B.S., Geology, 2018, University of California Davis

CERTIFICATIONS

CDPH Lead-Related Construction Sampling Technician, No. 9869

AHERA Building Inspector, No. 0522BII190562

40-Hour OSHA HAZWOPER Certification (with annual updates)

As a Staff Geologist, Gabriel provides field services for projects; provides input for technical reports; work with subs onsite (drillers, etc) during field services; and assists Project Managers and Senior Staff personnel with tasks.

EXPERIENCE

Marques Holdings, 7793 Bar du Lane Water Quality Compliance, Sacramento, California: Assistant Project Manager for a residential development project located in southern Sacramento. The project included construction monitoring to document fill and grading occurring in previously mapped sensitive habitats; preparation of the associated monitoring report; and coordination with the County of Sacramento and Regional Water Quality Control Board (RWQCB).

Little Egbert Tract (LET) Properties, LET Restoration Assessment, Solano County, California: GIS Technician for a planned wetland restoration project in Solano County. The project included revising map features and boundaries through ArcGIS Desktop under direction of the lead biologist as part of the aquatic resources delineation report and evaluation of agency jurisdiction.

Sacramento Municipal Utility District (SMUD), Nature Preserve Mitigation Bank, Herald, California: Biologist for a mitigation bank monitoring project managed by local utility provider SMUD. The project consisted of sampling vernal pools onsite to record presence and abundance of species of concern, and to measure the turbidity, water temperature, current maximum and potential depth, and estimate emergent vegetation at each location. The purpose of this contract was to measure overall bank success as outlined in the SMUD Long-term Management Plan for the site.

City of Vacaville, Routine Maintenance Agreement (RMA), Vacaville, California: Biologist for a multi-year contract with the City of Vacaville to perform surveys, monitoring, and reporting for projects included under the RMA. The project included performing a pre-construction survey along Alamo Creek at Fruitvale Road to determine the presence of nesting birds and state-protected vegetation. A technical report detailing the survey methodologies and results was submitted to the City to review and retain on record.

County of Placer, Dowd Road at Coon Creek Bridge Replacement Project, Placer County, California: Construction Monitor for a bridge replacement project along Dowd Road in Placer County. The project required monitoring and oversight of the removal of flagged live oak trees and willows prior to construction, and the installation of the Environmentally Sensitive Area (ESA) perimeter fencing. This project also included pre-construction surveys for sensitive species and required that worker environmental awareness training (WEAT) be delivered to all construction personnel working onsite.

Sacramento Municipal Utility District (SMUD), Franklin Substation and Transmission Line Project, Sacramento County, California: Construction Monitor for a high-voltage transmission lines upgrade project to support the newly constructed Franklin Substation. The purpose of the project was to verify and document compliance with all avoidance and minimization measures (AMM) as required by permits and the mitigation monitoring and reporting program. The project included pre-construction

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Staff Geologist

surveys for special-status species and the preparation of daily monitoring logs documenting monitoring activities and wildlife observations, including photo documentation.

Sacramento Municipal Utility District (SMUD), Solano Wind Project Phases 1, 2, and 3, Solano County, California: Biologist for a wind energy project managed by local utility provider SMUD. The project consisted of performing standardized avian bird and bat carcass searches along equally spaced transects surrounding each wind turbine generator (WTG). This project also included processing and reporting all applicable mortality and injury incidents to the lead agency and U.S. Fish and Wildlife Service (USFWS) per survey protocol.

East Bay Regional Park District (EBRPD), Seaborg Trail Culvert Replacement Project, Contra Costa County, California: Construction Monitor for the rehabilitation of the side slope along Seaborg Trail resulting from heavy storm damage in 2017. The project included monitoring of the installation of erosion control measures and performing per-construction surveys.

East Bay Regional Park District (EBRPD), Black Diamond Mine Preserve Three Ponds Restoration Project, Contra Costa County, California: Biologist for a washed out dam rehabilitation project managed by EBRPD. The project included performing pre-construction surveys to identify active burrows or nests in the project vicinity.

County of Yuba, Yuba Rices Crossing Project, Yuba County, California: Biological Monitor for a road widening project along Rices Crossing in rural Yuba County. The project included monitoring an active birds nest located within 100 feet of the construction work limits, and recording the project activities in a daily monitoring log.

Stephan A. Beck, PG, CHG, CEG, QSP/D

Principal Geologist/Environmental Operations Manager



EDUCATION

M.A., Geology, 1981, California State University, Fresno

B.A., Geology, 1976, University of California at Santa Barbara

Professional Certificate, Hazardous Materials Management, 1989, University of California at San Diego

REGISTRATIONS/CERTIFICATIONS

PG 4375 (California)

CEG 1512 (California)

CHG 126 (California)

PG 33080 (Arizona)

PG 2234 (Wyoming)

QSP/D 20443 (California)

40-Hour OSHA HAZWOPER Certification (with annual updates)

PROFESSIONAL AFFILIATIONS

San Diego Environmental Professionals

As a Principal Environmental Geologist and Manager of Environmental Sciences for Ninyo & Moore's San Diego Office, Mr. Beck, PG, CEG, CHG, EM, QSD/QSP, has extensive experience as Program Manager, Principal Environmental Geologist, Project Manager, and QA/QC Manager for large task order contracts and Capital Improvement Program Projects. Mr. Beck's project experience includes soil vapor, sediment, sludge, surface water, groundwater and soil vapor surface and subsurface site assessments; hydrologic/groundwater supply; hazardous building materials (HBM); human health and ecological risk assessments; technical studies for inclusion in California Environmental Quality Act (CEQA)/National Environmental Policy Act (NEPA) documents; remedial design; expert witness and litigation support; and remedial/ removal actions projects. Other experience includes site assessment investigations for real estate transfers; school sites; power and coal gasification plants; solar and wind generating facilities, Brownfields; pipeline; transportation and railroad rights-of-way; and regulatory compliance involving U.S. Environmental Protection Agency (EPA), California Department of Toxic Substances Control (DTSC), Regional Water Quality Control Board (RWQCB), Department of Environmental Health (DEH), Air Pollution Control District, and California Coastal Commission. Mr. Beck has participated in numerous technical work groups in preparing sections of the San Diego County DEH Site Assessment and Mitigation (SAM) Manual; served as technical advisor to the County of San Diego Department of Planning and Land Use for establishing CEQA criteria of significance for hazardous materials and water quality; and was technical co-chair for the RWQCB technical committee that prepared the current conditional waivers of waste discharge requirements for low threat discharges in the San Diego Region.

EXPERIENCE

San Diego County Regional Airport Authority (SDCRAA) On-Call Services Agreement, San Diego, California: Principal Environmental Geologist for this contract, provided technical input and services to SDCRAA regarding environmental issues pertaining to San Diego International Airport (SDIA) operations, maintenance, construction, and expansion. Acted as Principal Environmental Geologist and Contract Manager for the environmental constraints study for the final alternative sites considered as potential locations for either a new airport or the expansion of existing facilities.

SDIA CIP 104118E – NSU Storm Drain Trunk, San Diego, California: Principal Geologist and Technical Advisor for the construction of a new storm drain trunk for the north side redevelopment at the SDIA. The project included approximately 1,300 feet of 36-inch diameter gravity storm drain, 6,900 feet of 30-inch diameter force main, connection to an existing 60-inch diameter storm drain, storm drain pump station, and other associated storm drain structures. The storm drain was installed with approximately six feet of cover over the pipe in most areas with some sections deeper due to existing utilities. An approximately 570-foot long section of the new storm drain was also installed beneath Taxiway F via trenchless methods. Construction dewatering using wells was required to facilitate construction.

SDIA CIP 104066 – TDY Site/30-inch Storm Drain and Lift Station, San Diego, California: Principal Geologist and Technical Advisor for the construction of a new

Stephan A. Beck

Principal Geologist

30-inch storm drain and lift station at the SDIA. Project tasks included liaison and coordination with SDCRAA staff, Resident Engineer, and contractor; attendance at weekly construction meetings; preparation of a site-specific health and safety plan, environmental monitoring of excavating activities consisting of visual/olfactory observations and photoionization detector readings; and daily field reports with photo-documentation.

SDIA Naval Training Center (NTC) Inactive Landfill, San Diego, California: Principal-in-Charge and Technical Advisor for the NTC Inactive Landfill clean closure. The project involved identification, delineation, and characterization of buried wastes (construction, solid waste, burn waste); performance of a geotechnical investigation; evaluation of import fill suitability for cover; evaluation of remedial action alternatives; preparation and approval of the clean closure plan; preparation of cost estimates for implementation of corrective action; providing oversight, monitoring, and documentation of waste removal; preparation and submittal of the clean closure report to the SDCRAA and RWQCB; interface and negotiation with the RWQCB, California Department of Resources Recycling and Recovery, Local Enforcement Agency, and other agencies; presentation of data at various meetings and to technical advisory boards; and enrollment of the remaining burn site in RWQCB Order No. R9-2012-0003.

SDIA Airport Site Selection Program, San Diego, California: Principal Environmental Geologist for the Airport Site Selection Program (ASSP). This program was focused on evaluating three alternative airport sites within San Diego and Imperial Counties. In addition to the three alternative airport sites, evaluated alternative alignments for MagLev and utility corridors to the alternative airport sites in eastern San Diego County and Imperial County. Performed a customized evaluation of potential solid and hazardous waste impacts associated with development of each site and prepared cost estimates regarding potential environmental mitigation. Reviewed extensive in-house background data and performed research of federal, state, university and county records; researched and coordinated with federal, state, and county agencies; and compiled and incorporated information into a Geographic Information System (GIS) format.

SDIA North Side Redevelopment Projects (North Side Interior Road, SAN Park 2, FBO Taxiway, and Taxiway Bypass), Construction Oversight, San Diego, California: Contract Manager and Principal Technical Advisor for environmental consulting services for several construction projects within the North Side Redevelopment Area, which was historically part of a former General Dynamics aerospace facility. Assisted SDCRAA staff in obtaining regulatory acceptance for the reuse of non-hazardous soil within the redevelopment area utilizing existing laboratory data and familiarity with acceptable soil/material reuse criteria. Performed sampling and analysis of concrete and asphalt demolished from the site for polychlorinated biphenyls (PCBs) to receive SDCRAA and RWQCB approval for the on-site reuse as base material. Provided construction oversight to maintain the contractor's compliance with the North Side Environmental Work Plan, Soil Management Plan, and Community Health and Safety Plan (CHSP), including performance of community health and safety monitoring, soil screening, documentation, and preparation of various technical memos and project closeout reports.

Port of San Diego (POS) SDIA Former Teledyne Ryan Aeronautical (TDY) Facility Pre-Demolition Survey, San Diego, California: Principal Environmental Geologist for this pre-demolition Hazardous Building Materials (HBM) Survey within 55 buildings at the 44-acre facility in anticipation of future redevelopment. The survey included the collection and analysis of 1204 suspect asbestos-containing material samples, collection of 748 x-ray fluorescence instrument readings of painted surfaces suspected of containing lead, and documentation of the presence of items falling under the Universal Waste Rule. Using a six-member team, fieldwork for the survey and 55 individual building reports and associated tables of survey results were completed in less than two weeks. The survey data were compiled, organized, and analyzed using GIS tools and electronic maps for use in preparation of bidding documents. Abatement specification sections were also provided.

POS SDIA Teledyne Ryan Aeronautical (TDY) Facility Demolition, San Diego, California: Contract Manager and Principal Technical Advisor for the preparation and implementation of the CHSP for the demolition of the former TDY Facility. The CHSP was developed in accordance with San Diego County DEH SAM Manual guidelines and incorporated specific contaminants of concern (COCs) into the Conceptual Site Model. Based on the industrial usage of the property, proximity to the runway, and presence of hazardous building materials (HBM), perimeter action levels were established for airborne dust, airborne metals (including lead, mercury, and hexavalent chromium), volatile organic compounds, polychlorinated biphenyls (PCBs), and asbestos. Monitoring stations were established around the perimeter of the each day's work activities. Our Certified Industrial

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Principal Geologist

Hygienist reviewed the monitoring data and the contractor was promptly notified if the action levels for COCs were exceeded. The CHSP monitoring results were discussed at the weekly progress meetings. Also provided hazardous building materials (HBM) abatement oversight, characterization of potentially contaminated soil stockpiles, concrete, and caulking, and preparation of close-out documents required for the final notice of completion.

SDIA 12kV Duct Banks Project, San Diego, California: Principal Geologist and Technical Advisor for environmental consulting services for the 12kV duct banks project, which involved the excavation of trenches for the installation of electrical conduit around the entire perimeter of SDIA. Provided soil screening for trenches excavated within burned waste associated with the former NTC Landfill, petroleum hydrocarbon impacted soil associated with a former fuel farm, and soil impacted with volatile organic compounds within the former TDY facility. Assisted the contractor with the appropriate handling and disposal of the wastes, performed community and worker health and safety monitoring, and documented the presence of burned wastes encountered on facility maps.

SDIA Terminal 2 West Solar Support Structure, San Diego, California: Principal Environmental Geologist for environmental support services for construction of a 2.2 megawatt photovoltaic solar support structure in the Terminal 2 West Parking Lot at SDIA. Services included the preparation of site-specific and community health and safety plans for the work, training of onsite project personnel, and provision of industrial hygiene support during intrusive operations. Industrial hygiene activities included real-time monitoring of volatile organic compounds, associated with historical unauthorized releases of gasoline and other fuels, using combustible gas meters and photoionization detectors.

POS Various Projects, San Diego, California: Since 1994, Mr. Beck has been Program Director, Project Manager, Technical Advisor, and QA/QC Manager on numerous Port District on-call site assessment contracts involving Phase I due diligence, Phase II investigation, National Contingency Plan, Preliminary Endangerment Assessment, Remedial Investigation, Feasibility Studies, Risk Assessment, Public Participation Plans, Remedial Action Plans, NEPA/CEQA studies, and regulatory compliance issues and public concerns. Mr. Beck's involvement on such projects, has led to the swift and successful completion of these high profile, environmentally sensitive projects. Mr. Beck continues to provide technical input, QA/QC management, and regulatory liaison and negotiation for projects at Shelter Island Boat Launch, Tenth Avenue Marine Terminal, Seaport Village, National City Marine Terminal, Chula Vista Bayfront development, and Pond 20.

POS Eighth Avenue Tidelands Dump/East Parking Lot and Vicinity Remediation Oversight, San Diego, California: Principal-in-Charge, and Technical Advisor during site assessment activities to delineate the extent of the former burn site and manufactured gas plant (MGP) waste, preparation of the Remedial Action Workplan to remove groundwater source impacts (MGP waste and soil impacts) at the former landfill/burn site in accordance with RWQCB CAO 95-21. Provided oversight of remedial excavation activities, including field/photo documentation, verification sampling and analysis, and interface with the lead regulatory agency and responsible parties. Soil excavation monitoring services included documenting the removal of approximately 51,000 tons of contaminated soil for offsite disposal and 4,000 cubic yards of clean soil for onsite reuse. Oversaw the preparation of weekly public notification messages related to community health and safety air monitoring and project progress; provided technical support to the POS and the Contractor; and created an electronic database system to track results of confirmation sample testing to facilitate the planning and efficient excavation of areas requiring over excavation.

Metropolitan Transit Development Board On-Call 5-Year Environmental Services Contract, San Diego County, California: Contract Manager and Principal Environmental Geologist for this on-call contract. Services included third-party review, regulatory liaison, site assessments, permitting, stormwater compliance, construction management services, hazardous materials management and disposal, and lead and asbestos abatement oversight. Provided critical senior technical expertise and quality review on stormwater pollution prevention protocols for the Mission Valley East Light Rail Extension project.

San Diego Unified School District As Needed Environmental Consulting Services Contract, San Diego, California: Principal-in-Charge, Technical Advisor, and QA/QC Manager for Phase I Environmental Site Assessments (ESA) at 13 proposed and existing elementary, middle, and high school sites within the jurisdiction of the San Diego Unified School District (SDUSD). The proposed sites included properties with existing commercial, industrial, and residential land uses. Phase II ESAs were also

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Principal Geologist

conducted on nine existing SDUSD school sites and two proposed SDUSD school sites. Mr. Beck also provided technical input and report preparation assistance regarding implementation of Remedial Action Workplans at several of the sites to cleanup lead and organochlorine pesticides in soil. This work was performed under the direction of the California Department of Toxic Substances Control (DTSC).

[California Department of Resources Recycling and Recovery \(CalRecycle\) Closed, Illegal and Abandoned Disposal Site Investigation Program, Various Locations, California](#): Principal-in-Charge and Technical Advisor for the Closed, Illegal and Abandoned (CIA) Site Investigation Program. This contract includes subsurface investigations of illegal disposal sites, solid waste disposal and co-disposal sites where further site characterization is necessary for monitoring, enforcement action, or site cleanup. Investigations have included excavating and logging trenches and test pits and drilling borings to characterize subsurface materials, delineation of the extent of burned wastes or other buried wastes to evaluate recommended remedial action. The disposal site projects have all been sites where there has been an identified potential risk to human health and the environment.

[County of San Diego Burnsite and Landfill Engineering Services As-Needed Contract, Various Locations, San Diego County, California](#): Principal-in-Charge and Technical Advisor for an on-call environmental services to the County of San Diego Department of Public Works as part of its three year, \$500,000, Burn Site and Landfill Engineering Services As-Needed Contract. The general scope of work for this contract focuses on conducting investigations and remedial action at County inactive solid waste disposal sites, most of which are former burn sites. The specific engineering services required by the County include characterizing and delineating former burn sites; preparing landfill closure and post-closure maintenance plans; preparing construction plans, specifications, and cost estimates for landfill maintenance projects; implementing remedial action plans, preparing of health and safety plans; value engineering; and assistance during the bidding process for construction activities.

[City of San Diego, As-Needed Environmental Services Site Assessment and Mitigation Process Contract, San Diego, California](#): Principal-in-Charge for this five-year contract awarded to Ninyo & Moore, which includes conducting environmental site assessments at contaminated, City-owned properties throughout the County of San Diego. Scope of services include: work plan and health and safety plan preparation, field investigations (drill, sample, analytical testing), human health risk assessments, groundwater monitoring and sampling, and report preparation including corrective action plans and site conceptual models. The purpose of the contract is to assist the City of San Diego in obtaining regulatory agency closure of its properties that have been affected by unauthorized releases from underground storage tanks (USTs).

[County of San Diego Department of General Services, San Diego County, California](#): Program Manager provided environmental and geotechnical consulting services to the County of San Diego Department of General Services (DGS) under a three-year contract awarded in 2011. Consulting services were provided for a total of approximately 20 individual DGS properties. Geotechnical services included geotechnical and hydrogeologic evaluations and floor flatness testing. Most of the environmental projects involved soil, groundwater, and soil vapor investigations and remediation associated with leaking USTs. For each site, we obtained, reviewed, and compiled background information, met with DEH staff to discuss the planned investigation strategy, prepared DEH-approved site assessment work plans, and implemented work plans to delineate the extent of impacted soil, groundwater, and soil vapor. Of the more than 15 UST release cases, all but two have received regulatory closure.

[Chula Vista Bayfront Master Plan EIR, Chula Vista, California](#): Principal Environmental Geologist for a hazardous materials technical study (HMTS) for the Chula Vista Bayfront Master Plan. The project area consists of a number of parcels along the bayfront in the city of Chula Vista, California totaling approximately 550 acres under the ownership and jurisdiction of the Port of San Diego, including land acquired from B.F. Goodrich, vacant and underutilized areas, and the existing South Bay Power Plant parcel. Services included review of maps, reports and other environmental documents pertaining to the site; review regulatory agency databases for the site and for properties located within a 1,000-foot radius of the project area; and review of a HMTS report documenting findings and providing opinions and recommendations regarding possible environmental impacts to the project area.

[City of San Diego, Water Main Replacement Group 793, San Diego, California](#): Principal Environmental Geologist for environmental consulting services for the City of San Diego Water Main Replacement Group 793 project. Services included preparation of an Initial Site Assessment (ISA) report for the length of the proposed alignment to identify facilities in the vicinity

Stephan A. Beck

Principal Geologist

that had the potential to have impacted soil and/or groundwater along the alignment. Specific tasks performed during the ISA included a review of readily available maps and environmental reports pertaining to the alignment, review of federal, state, and local regulatory agency databases and select files, site reconnaissance, review of historical documents, including historical aerial photographs and city directories, and impact analysis. The ISA identified multiple facilities of potential environmental concern.

Otay Water District 36-inch Pipeline EIR, El Cajon, California: Principal Environmental Geologist for environmental consulting for the Otay Water District 36-Inch Pipeline. Services included preparation of a Hazardous Materials and Hazardous Waste Initial Site Assessment (ISA) and a Phase II Environmental Site Assessment (ESA) for the evaluation of potential hazardous materials and wastes along the proposed alignment. The scope of work for the ISA included a review of historical sources, a field reconnaissance, and a regulatory agency database search for facilities with the potential to have impacted soil or groundwater. The significance of potential hazardous materials and waste impacts were evaluated with respect to the size of the study area and the nature of the proposed improvements

City of San Diego Chollas Triangle Master Plan EIR, San Diego, California: Principal Environmental Geologist for a Hazardous Materials Technical Study (HMTS) for the Chollas Triangle project. The purpose of the HMTS is to document the presence of properties, which may have been impacted by hazardous materials or wastes, and to document, with respect to the California Environmental Quality Act (CEQA), the significance of impacts from the project area with respect to hazardous materials and wastes, and to discuss measures that can be implemented to reduce or mitigate the potential impacts. We prepared an HMTS report documenting our findings and providing opinions and recommendations regarding possible environmental impacts to the project area from potential releases of hazardous materials or wastes and potential impacts from hazardous materials or wastes from future development in the project area.

City of San Diego Interstate 5 South Multimodal Corridor Study and Environmental Impact Report (EIR), Chula Vista, California: Principal Environmental Geologist for a Hazardous Waste Initial Site Assessment (ISA) that was prepared to evaluate potential impacts to the project from hazardous materials or wastes along the corridor. Historical resources, such as aerial photographs and topographic maps, were reviewed to document the presence of facilities (e.g., gas stations, large industrial plants) or land uses (e.g., industrial, agricultural) indicative of potential environmental concerns. Environmental regulatory databases and files were reviewed for properties associated with unauthorized releases of hazardous materials or wastes to soil and/or groundwater. A comprehensive ISA report summarizing the research activities described above and providing conclusions regarding hazardous material/waste constraints and recommendations for further assessment was provided for the project.

Grantville Redevelopment Project and Study Area, Hazardous Materials Technical Study, San Diego, California: Principal Environmental Geologist for a Hazardous Materials Technical Study (HMTS) of the Grantville Redevelopment Area. The HMTS was performed as part of the Program Environmental Impact Report (EIR) that was prepared for the project area. The project area consisted of three non-contiguous areas generally located north of Interstate 8, south of Mission Gorge Road, east of Interstate 15, and west of Jackson Drive, totaling approximately 1,400 acres. Facilities of potential environmental concern identified in, within and near the project area included gasoline service stations, car washes, automobile dealerships and automobile repair facilities that had experienced unauthorized releases. The HMTS contained a table that identified the sites of potential environmental concern, the nature of the releases, contaminants released and areal extent of the contaminant plume. Mitigation measures recommended for the identified properties of potential environmental concern included performing a risk assessment where contamination has been identified or is discovered during construction activities, and at which soil is to be disturbed; and characterizing and properly disposing of contaminated soil that is excavated during future redevelopment activities.

McCabe Ranch II Specific Plan EIR, Imperial County, California: Principal Environmental Geologist for a Hazardous Materials Technical Study (HMTS) of the agricultural property designated as McCabe Ranch II. The proposed development of the site (the Specific Plan) will involve the construction of single- and multi-family residences, schools, community facilities, parks, and commercial establishments. The HMTS will be incorporated into an Environmental Impact Report (EIR) for the Specific Plan. The HMTS estimated the potential for existing environmental impacts to the site from the presence of hazardous materials/wastes on or in proximity to the site, and discussed mitigation measures that can be implemented to reduce or eliminate the potential impacts with respect to the proposed adoption of the Specific Plan. The environmental issues identified during the preparation of

Stephan A. Beck

Principal Geologist

the HMTS included the following: 1) Historic fuel-containing underground storage tanks with an associated leaking underground storage tank case at an adjacent property, and 2) the presence of suspected organochlorine pesticides as a result of current and historical agricultural uses of the site.

Harbor Drive Pedestrian Bridge, San Diego, California: Technical Advisor during environmental consulting services in support of the Harbor Drive Pedestrian Bridge project, a suspended 466-foot self-anchored suspension bridge to link the waterfront's South Embarcadero, San Diego Convention Center, and East Village's Ballpark District. The ISA report was prepared to evaluate environmental conditions of the site and vicinity based on impacts caused by historical operations at the site and vicinity. The Soil Management Plan was prepared to guide the Contractor in the management and disposal of wastes excavated during the project construction. The bid specifications included contractor submittals (health and safety plans) and requirements for the excavation, stockpiling, characterizing, loading, transportation, and disposal of wastes generated at the site during remedial action. Also prepared and implemented a Community Health and Safety Plan (CHSP) for subsurface construction activities, provided oversight for waste characterization and disposal, coordinated with the on-site contractor, provided regulatory agency interfacing, provided litigation support, and prepared a project closeout report.



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